



ANALYTICAL REPORT

PREPARED FOR

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Generated 10/10/2025

JOB DESCRIPTION

2025 Comprehensive Sampling

JOB NUMBER

410-244152-1

Eurofins Lancaster Laboratories Environment Testing, LLC

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
10/10/2025

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Definitions/Glossary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

**Job Narrative
410-244152-1**

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 9/27/2025 3:50 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.7°C.

Receipt Exceptions

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): HD-MW-3-0/1-0 (410-244152-19). The client confirmed the sample should have been included on the COC and should be analyzed in email on 10/1.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-711283 recovered above the upper control limit for 1,1,2,2-Tetrachloroethane, Chloromethane and Vinyl chloride. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-711513 recovered above the upper control limit for 2-Hexanone and 4-Methyl-2-pentanone (MIBK). Non-detections of the affected analytes are reported. Any detections are considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-101S-0/1-0

Lab Sample ID: 410-244152-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.39	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.2		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.61	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-101D-0/1-0

Lab Sample ID: 410-244152-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.34	J	1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	6.8		1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	4.4		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	4.2		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-6-0/1-0

Lab Sample ID: 410-244152-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.90	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-5-0/1-0

Lab Sample ID: 410-244152-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	2.5		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-88-0/1-0

Lab Sample ID: 410-244152-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	7.7		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.64	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-3

Lab Sample ID: 410-244152-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.5	J	20	0.70	ug/L	1		8260D	Total/NA
Toluene	0.46	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-4

Lab Sample ID: 410-244152-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	4.8	J	20	0.70	ug/L	1		8260D	Total/NA
Toluene	0.51	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-166-0/1-0

Lab Sample ID: 410-244152-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.61	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.68	J	1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.47	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-167-0/1-0

Lab Sample ID: 410-244152-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1.7		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.52	J	1.0	0.30	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Lancaster Laboratories Environment Testing, LLC

Detection Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-168-0/1-0

Lab Sample ID: 410-244152-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.39	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-108D-0/1-0

Lab Sample ID: 410-244152-11

No Detections.

Client Sample ID: HD-MW-65S-0/1-0

Lab Sample ID: 410-244152-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.4		1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	1.8		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	2.4		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-20M-0/1-0

Lab Sample ID: 410-244152-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	1.5		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-14-0/1-0

Lab Sample ID: 410-244152-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.35	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	7.6		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.51	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-22-0/1-0

Lab Sample ID: 410-244152-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	9.3		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	1.6		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-108S-0/1-0

Lab Sample ID: 410-244152-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	2.4		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-165-0/1-0

Lab Sample ID: 410-244152-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.1		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.82	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-244152-18

No Detections.

Client Sample ID: HD-MW-3-0/1-0

Lab Sample ID: 410-244152-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	1.6		1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.49	J	1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	1.9		1.0	0.30	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-101S-0/1-0

Lab Sample ID: 410-244152-1

Date Collected: 09/24/25 12:27

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 02:11	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 02:11	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 02:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 02:11	1
Acetone	ND		20	0.70	ug/L			10/08/25 02:11	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 02:11	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 02:11	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 02:11	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 02:11	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 02:11	1
cis-1,2-Dichloroethene	0.39	J	1.0	0.30	ug/L			10/08/25 02:11	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 02:11	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 02:11	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 02:11	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 02:11	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 02:11	1
Tetrachloroethene	4.2		1.0	0.30	ug/L			10/08/25 02:11	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 02:11	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 02:11	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 02:11	1
Trichloroethene	0.61	J	1.0	0.30	ug/L			10/08/25 02:11	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 02:11	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 02:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		10/08/25 02:11	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/08/25 02:11	1
Dibromofluoromethane (Surr)	109		80 - 120		10/08/25 02:11	1
Toluene-d8 (Surr)	103		80 - 120		10/08/25 02:11	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-101D-0/1-0

Lab Sample ID: 410-244152-2

Date Collected: 09/24/25 11:25

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 02:31	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 02:31	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 02:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 02:31	1
Acetone	ND		20	0.70	ug/L			10/08/25 02:31	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 02:31	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 02:31	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 02:31	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 02:31	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Chloroform	0.34	J	1.0	0.30	ug/L			10/08/25 02:31	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 02:31	1
cis-1,2-Dichloroethene	6.8		1.0	0.30	ug/L			10/08/25 02:31	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 02:31	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 02:31	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 02:31	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 02:31	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 02:31	1
Tetrachloroethene	4.4		1.0	0.30	ug/L			10/08/25 02:31	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 02:31	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 02:31	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 02:31	1
Trichloroethene	4.2		1.0	0.30	ug/L			10/08/25 02:31	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 02:31	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 02:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		10/08/25 02:31	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/08/25 02:31	1
Dibromofluoromethane (Surr)	110		80 - 120		10/08/25 02:31	1
Toluene-d8 (Surr)	103		80 - 120		10/08/25 02:31	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-6-0/1-0

Lab Sample ID: 410-244152-3

Date Collected: 09/24/25 13:42

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 02:52	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 02:52	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 02:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 02:52	1
Acetone	ND		20	0.70	ug/L			10/08/25 02:52	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 02:52	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 02:52	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 02:52	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 02:52	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Chloroform	0.90	J	1.0	0.30	ug/L			10/08/25 02:52	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 02:52	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 02:52	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 02:52	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 02:52	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 02:52	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 02:52	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 02:52	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 02:52	1
Trichloroethene	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 02:52	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 02:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		10/08/25 02:52	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/08/25 02:52	1
Dibromofluoromethane (Surr)	109		80 - 120		10/08/25 02:52	1
Toluene-d8 (Surr)	102		80 - 120		10/08/25 02:52	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-5-0/1-0

Lab Sample ID: 410-244152-4

Date Collected: 09/24/25 14:20

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 03:12	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 03:12	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 03:12	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 03:12	1
Acetone	ND		20	0.70	ug/L			10/08/25 03:12	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 03:12	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 03:12	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 03:12	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 03:12	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 03:12	1
cis-1,2-Dichloroethene	2.5		1.0	0.30	ug/L			10/08/25 03:12	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 03:12	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 03:12	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 03:12	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 03:12	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 03:12	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 03:12	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 03:12	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 03:12	1
Trichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 03:12	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 03:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		10/08/25 03:12	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/08/25 03:12	1
Dibromofluoromethane (Surr)	110		80 - 120		10/08/25 03:12	1
Toluene-d8 (Surr)	101		80 - 120		10/08/25 03:12	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-88-0/1-0

Lab Sample ID: 410-244152-5

Date Collected: 09/24/25 13:20

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 03:32	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 03:32	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 03:32	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 03:32	1
Acetone	ND		20	0.70	ug/L			10/08/25 03:32	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 03:32	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 03:32	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 03:32	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 03:32	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 03:32	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:32	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 03:32	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 03:32	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 03:32	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 03:32	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 03:32	1
Tetrachloroethene	7.7		1.0	0.30	ug/L			10/08/25 03:32	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 03:32	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 03:32	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 03:32	1
Trichloroethene	0.64	J	1.0	0.30	ug/L			10/08/25 03:32	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 03:32	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		80 - 120		10/08/25 03:32	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/08/25 03:32	1
Dibromofluoromethane (Surr)	111		80 - 120		10/08/25 03:32	1
Toluene-d8 (Surr)	101		80 - 120		10/08/25 03:32	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-QC1-0/1-3

Lab Sample ID: 410-244152-6

Date Collected: 09/24/25 14:10

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 03:53	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 03:53	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 03:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 03:53	1
Acetone	5.5	J	20	0.70	ug/L			10/08/25 03:53	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 03:53	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 03:53	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 03:53	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 03:53	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 03:53	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:53	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 03:53	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 03:53	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 03:53	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 03:53	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 03:53	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Toluene	0.46	J	1.0	0.30	ug/L			10/08/25 03:53	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 03:53	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 03:53	1
Trichloroethene	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 03:53	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 120		10/08/25 03:53	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/08/25 03:53	1
Dibromofluoromethane (Surr)	109		80 - 120		10/08/25 03:53	1
Toluene-d8 (Surr)	103		80 - 120		10/08/25 03:53	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-QC1-0/1-4

Lab Sample ID: 410-244152-7

Date Collected: 09/24/25 14:15

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 04:13	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 04:13	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 04:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 04:13	1
Acetone	4.8	J	20	0.70	ug/L			10/08/25 04:13	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 04:13	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 04:13	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 04:13	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 04:13	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 04:13	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:13	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 04:13	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 04:13	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 04:13	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 04:13	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 04:13	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Toluene	0.51	J	1.0	0.30	ug/L			10/08/25 04:13	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 04:13	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 04:13	1
Trichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 04:13	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 04:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		10/08/25 04:13	1
4-Bromofluorobenzene (Surr)	96		80 - 120		10/08/25 04:13	1
Dibromofluoromethane (Surr)	111		80 - 120		10/08/25 04:13	1
Toluene-d8 (Surr)	103		80 - 120		10/08/25 04:13	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-166-0/1-0

Lab Sample ID: 410-244152-8

Date Collected: 09/25/25 10:45

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 04:33	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 04:33	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 04:33	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 04:33	1
Acetone	ND		20	0.70	ug/L			10/08/25 04:33	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 04:33	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 04:33	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 04:33	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 04:33	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Chloroform	0.61	J	1.0	0.30	ug/L			10/08/25 04:33	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 04:33	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:33	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 04:33	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 04:33	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 04:33	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 04:33	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 04:33	1
Tetrachloroethene	0.68	J	1.0	0.30	ug/L			10/08/25 04:33	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 04:33	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 04:33	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 04:33	1
Trichloroethene	0.47	J	1.0	0.30	ug/L			10/08/25 04:33	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 04:33	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 04:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		10/08/25 04:33	1
4-Bromofluorobenzene (Surr)	95		80 - 120		10/08/25 04:33	1
Dibromofluoromethane (Surr)	110		80 - 120		10/08/25 04:33	1
Toluene-d8 (Surr)	101		80 - 120		10/08/25 04:33	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-167-0/1-0

Lab Sample ID: 410-244152-9

Date Collected: 09/25/25 10:40

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 04:53	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 04:53	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 04:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 04:53	1
Acetone	ND		20	0.70	ug/L			10/08/25 04:53	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 04:53	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 04:53	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 04:53	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 04:53	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 04:53	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 04:53	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 04:53	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 04:53	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 04:53	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 04:53	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 04:53	1
Tetrachloroethene	1.7		1.0	0.30	ug/L			10/08/25 04:53	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 04:53	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 04:53	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 04:53	1
Trichloroethene	0.52	J	1.0	0.30	ug/L			10/08/25 04:53	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 04:53	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 04:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		10/08/25 04:53	1
4-Bromofluorobenzene (Surr)	97		80 - 120		10/08/25 04:53	1
Dibromofluoromethane (Surr)	111		80 - 120		10/08/25 04:53	1
Toluene-d8 (Surr)	101		80 - 120		10/08/25 04:53	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-168-0/1-0

Lab Sample ID: 410-244152-10

Date Collected: 09/25/25 14:45

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30	ug/L			10/09/25 15:53	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 15:53	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 15:53	1
2-Hexanone	ND		10	0.85	ug/L			10/09/25 15:53	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/09/25 15:53	1
Acetone	ND		20	0.70	ug/L			10/09/25 15:53	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 15:53	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 15:53	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 15:53	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 15:53	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Chloroform	0.39	J	1.0	0.30	ug/L			10/09/25 15:53	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/09/25 15:53	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 15:53	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 15:53	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 15:53	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 15:53	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 15:53	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 15:53	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 15:53	1
Trichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:53	1
Vinyl chloride	ND	^c cn	1.0	0.30	ug/L			10/09/25 15:53	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 15:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		80 - 120		10/09/25 15:53	1
4-Bromofluorobenzene (Surr)	107		80 - 120		10/09/25 15:53	1
Dibromofluoromethane (Surr)	94		80 - 120		10/09/25 15:53	1
Toluene-d8 (Surr)	107		80 - 120		10/09/25 15:53	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-108D-0/1-0

Lab Sample ID: 410-244152-11

Date Collected: 09/25/25 12:43

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30	ug/L			10/09/25 16:13	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 16:13	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 16:13	1
2-Hexanone	ND		10	0.85	ug/L			10/09/25 16:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/09/25 16:13	1
Acetone	ND		20	0.70	ug/L			10/09/25 16:13	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 16:13	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 16:13	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 16:13	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 16:13	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Chloroform	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Chloromethane	ND	^c cn	2.0	0.55	ug/L			10/09/25 16:13	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:13	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 16:13	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 16:13	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 16:13	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 16:13	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 16:13	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:13	1
Trichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:13	1
Vinyl chloride	ND	^c cn	1.0	0.30	ug/L			10/09/25 16:13	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 16:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		80 - 120		10/09/25 16:13	1
4-Bromofluorobenzene (Surr)	105		80 - 120		10/09/25 16:13	1
Dibromofluoromethane (Surr)	95		80 - 120		10/09/25 16:13	1
Toluene-d8 (Surr)	106		80 - 120		10/09/25 16:13	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-65S-0/1-0

Lab Sample ID: 410-244152-12

Date Collected: 09/26/25 08:40

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 15:14	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 15:14	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 15:14	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 15:14	1
Acetone	ND		20	0.70	ug/L			10/09/25 15:14	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 15:14	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 15:14	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 15:14	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 15:14	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Chloroform	1.4		1.0	0.30	ug/L			10/09/25 15:14	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 15:14	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:14	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 15:14	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 15:14	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 15:14	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 15:14	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 15:14	1
Tetrachloroethene	1.8		1.0	0.30	ug/L			10/09/25 15:14	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 15:14	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 15:14	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 15:14	1
Trichloroethene	2.4		1.0	0.30	ug/L			10/09/25 15:14	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 15:14	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		80 - 120		10/09/25 15:14	1
4-Bromofluorobenzene (Surr)	91		80 - 120		10/09/25 15:14	1
Dibromofluoromethane (Surr)	116		80 - 120		10/09/25 15:14	1
Toluene-d8 (Surr)	94		80 - 120		10/09/25 15:14	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-20M-0/1-0

Lab Sample ID: 410-244152-13

Date Collected: 09/26/25 09:00

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 15:37	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 15:37	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 15:37	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 15:37	1
Acetone	ND		20	0.70	ug/L			10/09/25 15:37	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 15:37	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 15:37	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 15:37	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 15:37	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Chloroform	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 15:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 15:37	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 15:37	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 15:37	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 15:37	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 15:37	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 15:37	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 15:37	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 15:37	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 15:37	1
Trichloroethene	1.5		1.0	0.30	ug/L			10/09/25 15:37	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 15:37	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		80 - 120		10/09/25 15:37	1
4-Bromofluorobenzene (Surr)	90		80 - 120		10/09/25 15:37	1
Dibromofluoromethane (Surr)	117		80 - 120		10/09/25 15:37	1
Toluene-d8 (Surr)	94		80 - 120		10/09/25 15:37	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-14-0/1-0

Lab Sample ID: 410-244152-14

Date Collected: 09/26/25 10:47

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 16:00	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 16:00	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 16:00	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 16:00	1
Acetone	ND		20	0.70	ug/L			10/09/25 16:00	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 16:00	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 16:00	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 16:00	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 16:00	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Chloroform	0.35	J	1.0	0.30	ug/L			10/09/25 16:00	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 16:00	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:00	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:00	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 16:00	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 16:00	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 16:00	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 16:00	1
Tetrachloroethene	7.6		1.0	0.30	ug/L			10/09/25 16:00	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 16:00	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 16:00	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:00	1
Trichloroethene	0.51	J	1.0	0.30	ug/L			10/09/25 16:00	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 16:00	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	113		80 - 120		10/09/25 16:00	1
4-Bromofluorobenzene (Surr)	87		80 - 120		10/09/25 16:00	1
Dibromofluoromethane (Surr)	120		80 - 120		10/09/25 16:00	1
Toluene-d8 (Surr)	93		80 - 120		10/09/25 16:00	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-22-0/1-0

Lab Sample ID: 410-244152-15

Date Collected: 09/26/25 09:30

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 16:22	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 16:22	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 16:22	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 16:22	1
Acetone	ND		20	0.70	ug/L			10/09/25 16:22	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 16:22	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 16:22	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 16:22	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 16:22	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Chloroform	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 16:22	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:22	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:22	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 16:22	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 16:22	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 16:22	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 16:22	1
Tetrachloroethene	9.3		1.0	0.30	ug/L			10/09/25 16:22	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 16:22	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 16:22	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:22	1
Trichloroethene	1.6		1.0	0.30	ug/L			10/09/25 16:22	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 16:22	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 16:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		80 - 120		10/09/25 16:22	1
4-Bromofluorobenzene (Surr)	91		80 - 120		10/09/25 16:22	1
Dibromofluoromethane (Surr)	119		80 - 120		10/09/25 16:22	1
Toluene-d8 (Surr)	94		80 - 120		10/09/25 16:22	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-108S-0/1-0

Lab Sample ID: 410-244152-16

Date Collected: 09/26/25 11:55

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 16:45	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 16:45	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 16:45	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 16:45	1
Acetone	ND		20	0.70	ug/L			10/09/25 16:45	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 16:45	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 16:45	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 16:45	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 16:45	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Chloroform	2.4		1.0	0.30	ug/L			10/09/25 16:45	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 16:45	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:45	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 16:45	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 16:45	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 16:45	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 16:45	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 16:45	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 16:45	1
Trichloroethene	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 16:45	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 16:45	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 120					10/09/25 16:45	1
4-Bromofluorobenzene (Surr)	89		80 - 120					10/09/25 16:45	1
Dibromofluoromethane (Surr)	119		80 - 120					10/09/25 16:45	1
Toluene-d8 (Surr)	96		80 - 120					10/09/25 16:45	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-165-0/1-0

Lab Sample ID: 410-244152-17

Date Collected: 09/26/25 12:15

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 17:08	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 17:08	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 17:08	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 17:08	1
Acetone	ND		20	0.70	ug/L			10/09/25 17:08	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 17:08	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 17:08	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 17:08	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 17:08	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Chloroform	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 17:08	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 17:08	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 17:08	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 17:08	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 17:08	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 17:08	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 17:08	1
Tetrachloroethene	2.1		1.0	0.30	ug/L			10/09/25 17:08	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 17:08	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 17:08	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 17:08	1
Trichloroethene	0.82	J	1.0	0.30	ug/L			10/09/25 17:08	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 17:08	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		80 - 120		10/09/25 17:08	1
4-Bromofluorobenzene (Surr)	91		80 - 120		10/09/25 17:08	1
Dibromofluoromethane (Surr)	120		80 - 120		10/09/25 17:08	1
Toluene-d8 (Surr)	95		80 - 120		10/09/25 17:08	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-244152-18

Date Collected: 09/24/25 00:00

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 01:50	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 01:50	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 01:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 01:50	1
Acetone	ND		20	0.70	ug/L			10/08/25 01:50	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 01:50	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 01:50	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 01:50	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 01:50	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 01:50	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 01:50	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 01:50	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 01:50	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 01:50	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 01:50	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 01:50	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 01:50	1
Trichloroethene	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 01:50	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	105		80 - 120		10/08/25 01:50	1
4-Bromofluorobenzene (Surr)	98		80 - 120		10/08/25 01:50	1
Dibromofluoromethane (Surr)	109		80 - 120		10/08/25 01:50	1
Toluene-d8 (Surr)	101		80 - 120		10/08/25 01:50	1

Client Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-3-0/1-0

Lab Sample ID: 410-244152-19

Date Collected: 09/26/25 12:20

Matrix: Water

Date Received: 09/27/25 15:50

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 17:31	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 17:31	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			10/09/25 17:31	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			10/09/25 17:31	1
Acetone	ND		20	0.70	ug/L			10/09/25 17:31	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 17:31	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 17:31	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 17:31	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 17:31	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Chloroform	1.6		1.0	0.30	ug/L			10/09/25 17:31	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 17:31	1
cis-1,2-Dichloroethene	0.49	J	1.0	0.30	ug/L			10/09/25 17:31	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 17:31	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 17:31	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 17:31	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 17:31	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 17:31	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 17:31	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 17:31	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 17:31	1
Trichloroethene	1.9		1.0	0.30	ug/L			10/09/25 17:31	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 17:31	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		80 - 120		10/09/25 17:31	1
4-Bromofluorobenzene (Surr)	91		80 - 120		10/09/25 17:31	1
Dibromofluoromethane (Surr)	120		80 - 120		10/09/25 17:31	1
Toluene-d8 (Surr)	96		80 - 120		10/09/25 17:31	1

Default Detection Limits

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Analyte	RL	MDL
1,1,1,2-Tetrachloroethane	1.0 ug/L	0.30 ug/L
1,1,1-Trichloroethane	1.0 ug/L	0.30 ug/L
1,1,2,2-Tetrachloroethane	1.0 ug/L	0.30 ug/L
1,1,2-Trichloroethane	1.0 ug/L	0.30 ug/L
1,1-Dichloroethane	1.0 ug/L	0.30 ug/L
1,1-Dichloroethene	1.0 ug/L	0.30 ug/L
1,2-Dibromoethane (EDB)	1.0 ug/L	0.20 ug/L
1,2-Dichloroethane	1.0 ug/L	0.30 ug/L
1,2-Dichloropropane	1.0 ug/L	0.30 ug/L
2-Butanone (MEK)	10 ug/L	1.0 ug/L
2-Hexanone	10 ug/L	0.85 ug/L
4-Methyl-2-pentanone (MIBK)	10 ug/L	0.50 ug/L
Acetone	20 ug/L	0.70 ug/L
Benzene	1.0 ug/L	0.30 ug/L
Bromochloromethane	5.0 ug/L	0.20 ug/L
Bromodichloromethane	1.0 ug/L	0.20 ug/L
Bromoform	4.0 ug/L	1.0 ug/L
Bromomethane	1.0 ug/L	0.30 ug/L
Carbon disulfide	5.0 ug/L	0.30 ug/L
Carbon tetrachloride	1.0 ug/L	0.30 ug/L
Chlorobenzene	1.0 ug/L	0.30 ug/L
Chloroethane	1.0 ug/L	0.30 ug/L
Chloroform	1.0 ug/L	0.30 ug/L
Chloromethane	2.0 ug/L	0.55 ug/L
cis-1,2-Dichloroethene	1.0 ug/L	0.30 ug/L
cis-1,3-Dichloropropene	1.0 ug/L	0.20 ug/L
Dibromochloromethane	1.0 ug/L	0.20 ug/L
Ethylbenzene	1.0 ug/L	0.40 ug/L
Methyl tert-butyl ether	1.0 ug/L	0.20 ug/L
Methylene Chloride	1.0 ug/L	0.30 ug/L
Styrene	5.0 ug/L	0.30 ug/L
Tetrachloroethene	1.0 ug/L	0.30 ug/L
Toluene	1.0 ug/L	0.30 ug/L
trans-1,2-Dichloroethene	2.0 ug/L	0.70 ug/L
trans-1,3-Dichloropropene	1.0 ug/L	0.20 ug/L
Trichloroethene	1.0 ug/L	0.30 ug/L
Vinyl chloride	1.0 ug/L	0.30 ug/L
Xylenes, Total	1.0 ug/L	0.40 ug/L

Surrogate Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (80-120)	BFB (80-120)	DBFM (80-120)	TOL (80-120)
410-244152-1	HD-MW-101S-0/1-0	106	96	109	103
410-244152-2	HD-MW-101D-0/1-0	108	97	110	103
410-244152-3	HD-MW-6-0/1-0	106	95	109	102
410-244152-4	HD-MW-5-0/1-0	106	97	110	101
410-244152-5	HD-MW-88-0/1-0	106	97	111	101
410-244152-6	HD-QC1-0/1-3	110	97	109	103
410-244152-7	HD-QC1-0/1-4	107	96	111	103
410-244152-8	HD-MW-166-0/1-0	108	95	110	101
410-244152-9	HD-MW-167-0/1-0	107	97	111	101
410-244152-10	HD-MW-168-0/1-0	99	107	94	107
410-244152-11	HD-MW-108D-0/1-0	100	105	95	106
410-244152-12	HD-MW-65S-0/1-0	108	91	116	94
410-244152-13	HD-MW-20M-0/1-0	109	90	117	94
410-244152-14	HD-MW-14-0/1-0	113	87	120	93
410-244152-15	HD-MW-22-0/1-0	112	91	119	94
410-244152-16	HD-MW-108S-0/1-0	110	89	119	96
410-244152-17	HD-MW-165-0/1-0	110	91	120	95
410-244152-18	HD-QC1-0/1-2	105	98	109	101
410-244152-19	HD-MW-3-0/1-0	112	91	120	96
LCS 410-710460/5	Lab Control Sample	101	99	104	107
LCS 410-711283/4	Lab Control Sample	99	102	92	110
LCS 410-711513/4	Lab Control Sample	103	106	105	105
LCSD 410-710460/6	Lab Control Sample Dup	102	99	105	106
LCSD 410-711283/5	Lab Control Sample Dup	95	103	91	109
LCSD 410-711513/5	Lab Control Sample Dup	105	106	104	106
MB 410-710460/8	Method Blank	104	98	107	102
MB 410-711283/7	Method Blank	104	103	97	106
MB 410-711513/7	Method Blank	107	92	116	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene (Surr)

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 410-710460/8

Matrix: Water

Analysis Batch: 710460

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/08/25 00:09	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/08/25 00:09	1
2-Hexanone	ND		10	0.85	ug/L			10/08/25 00:09	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/08/25 00:09	1
Acetone	ND		20	0.70	ug/L			10/08/25 00:09	1
Benzene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/08/25 00:09	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/08/25 00:09	1
Bromoform	ND		4.0	1.0	ug/L			10/08/25 00:09	1
Bromomethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/08/25 00:09	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Chloroethane	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Chloroform	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Chloromethane	ND		2.0	0.55	ug/L			10/08/25 00:09	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 00:09	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/08/25 00:09	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/08/25 00:09	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/08/25 00:09	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Styrene	ND		5.0	0.30	ug/L			10/08/25 00:09	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Toluene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/08/25 00:09	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/08/25 00:09	1
Trichloroethene	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/08/25 00:09	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/08/25 00:09	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		10/08/25 00:09	1
4-Bromofluorobenzene (Surr)	98		80 - 120		10/08/25 00:09	1
Dibromofluoromethane (Surr)	107		80 - 120		10/08/25 00:09	1
Toluene-d8 (Surr)	102		80 - 120		10/08/25 00:09	1

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-710460/5

Matrix: Water

Analysis Batch: 710460

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	22.2		ug/L		111	79 - 120
1,1,1-Trichloroethane	20.0	22.6		ug/L		113	73 - 120
1,1,2,2-Tetrachloroethane	20.0	17.8		ug/L		89	72 - 120
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	80 - 120
1,1-Dichloroethane	20.0	21.2		ug/L		106	80 - 120
1,1-Dichloroethene	20.0	22.8		ug/L		114	80 - 131
1,2-Dibromoethane (EDB)	20.0	19.6		ug/L		98	77 - 120
1,2-Dichloroethane	20.0	21.5		ug/L		107	73 - 124
1,2-Dichloropropane	20.0	19.8		ug/L		99	80 - 120
2-Butanone (MEK)	250	228		ug/L		91	59 - 135
2-Hexanone	250	244		ug/L		98	56 - 135
4-Methyl-2-pentanone (MIBK)	250	233		ug/L		93	62 - 133
Acetone	250	284		ug/L		114	57 - 143
Benzene	20.0	20.2		ug/L		101	80 - 120
Bromochloromethane	20.0	22.5		ug/L		112	80 - 120
Bromodichloromethane	20.0	20.3		ug/L		101	71 - 120
Bromoform	20.0	20.3		ug/L		101	51 - 120
Bromomethane	20.0	19.2		ug/L		96	53 - 128
Carbon disulfide	20.0	19.7		ug/L		98	65 - 128
Carbon tetrachloride	20.0	23.7		ug/L		118	64 - 134
Chlorobenzene	20.0	21.4		ug/L		107	80 - 120
Chloroethane	20.0	19.2		ug/L		96	55 - 123
Chloroform	20.0	21.2		ug/L		106	80 - 120
Chloromethane	20.0	17.5		ug/L		87	39 - 134
cis-1,2-Dichloroethene	20.0	21.5		ug/L		107	80 - 125
cis-1,3-Dichloropropene	20.0	18.2		ug/L		91	75 - 120
Dibromochloromethane	20.0	20.6		ug/L		103	71 - 120
Ethylbenzene	20.0	20.8		ug/L		104	80 - 120
Methyl tert-butyl ether	20.0	18.3		ug/L		91	69 - 122
Methylene Chloride	20.0	20.9		ug/L		104	80 - 120
Styrene	20.0	19.8		ug/L		99	80 - 120
Tetrachloroethene	20.0	23.5		ug/L		117	80 - 120
Toluene	20.0	20.6		ug/L		103	80 - 120
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	80 - 126
trans-1,3-Dichloropropene	20.0	19.2		ug/L		96	67 - 120
Trichloroethene	20.0	20.8		ug/L		104	80 - 120
Vinyl chloride	20.0	17.5		ug/L		88	56 - 120
Xylenes, Total	60.0	63.8		ug/L		106	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	101		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	107		80 - 120

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-710460/6

Matrix: Water

Analysis Batch: 710460

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	21.9		ug/L		110	79 - 120	1	30
1,1,1-Trichloroethane	20.0	22.4		ug/L		112	73 - 120	1	30
1,1,2,2-Tetrachloroethane	20.0	17.2		ug/L		86	72 - 120	3	30
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	80 - 120	3	30
1,1-Dichloroethane	20.0	20.6		ug/L		103	80 - 120	3	30
1,1-Dichloroethene	20.0	22.4		ug/L		112	80 - 131	2	30
1,2-Dibromoethane (EDB)	20.0	18.8		ug/L		94	77 - 120	4	30
1,2-Dichloroethane	20.0	21.2		ug/L		106	73 - 124	1	30
1,2-Dichloropropane	20.0	18.8		ug/L		94	80 - 120	5	30
2-Butanone (MEK)	250	235		ug/L		94	59 - 135	3	30
2-Hexanone	250	241		ug/L		96	56 - 135	1	30
4-Methyl-2-pentanone (MIBK)	250	229		ug/L		92	62 - 133	2	30
Acetone	250	309		ug/L		124	57 - 143	9	30
Benzene	20.0	19.4		ug/L		97	80 - 120	4	30
Bromochloromethane	20.0	21.0		ug/L		105	80 - 120	7	30
Bromodichloromethane	20.0	20.0		ug/L		100	71 - 120	1	30
Bromoform	20.0	19.6		ug/L		98	51 - 120	3	30
Bromomethane	20.0	19.0		ug/L		95	53 - 128	1	30
Carbon disulfide	20.0	19.3		ug/L		97	65 - 128	2	30
Carbon tetrachloride	20.0	23.0		ug/L		115	64 - 134	3	30
Chlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
Chloroethane	20.0	18.6		ug/L		93	55 - 123	3	30
Chloroform	20.0	21.3		ug/L		107	80 - 120	1	30
Chloromethane	20.0	17.1		ug/L		86	39 - 134	2	30
cis-1,2-Dichloroethene	20.0	20.9		ug/L		105	80 - 125	3	30
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	75 - 120	5	30
Dibromochloromethane	20.0	20.2		ug/L		101	71 - 120	2	30
Ethylbenzene	20.0	20.0		ug/L		100	80 - 120	4	30
Methyl tert-butyl ether	20.0	19.4		ug/L		97	69 - 122	6	30
Methylene Chloride	20.0	20.9		ug/L		104	80 - 120	0	30
Styrene	20.0	19.3		ug/L		97	80 - 120	2	30
Tetrachloroethene	20.0	23.8		ug/L		119	80 - 120	1	30
Toluene	20.0	20.2		ug/L		101	80 - 120	2	30
trans-1,2-Dichloroethene	20.0	20.9		ug/L		105	80 - 126	2	30
trans-1,3-Dichloropropene	20.0	18.8		ug/L		94	67 - 120	2	30
Trichloroethene	20.0	20.1		ug/L		100	80 - 120	3	30
Vinyl chloride	20.0	17.3		ug/L		87	56 - 120	1	30
Xylenes, Total	60.0	62.7		ug/L		105	80 - 120	2	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	102		80 - 120
4-Bromofluorobenzene (Surr)	99		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	106		80 - 120

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-711283/7

Matrix: Water

Analysis Batch: 711283

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 10:37	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 10:37	1
2-Hexanone	ND		10	0.85	ug/L			10/09/25 10:37	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/09/25 10:37	1
Acetone	ND		20	0.70	ug/L			10/09/25 10:37	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 10:37	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 10:37	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 10:37	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 10:37	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Chloroform	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 10:37	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 10:37	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 10:37	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 10:37	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 10:37	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 10:37	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 10:37	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 10:37	1
Trichloroethene	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 10:37	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 10:37	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	104		80 - 120		10/09/25 10:37	1
4-Bromofluorobenzene (Surr)	103		80 - 120		10/09/25 10:37	1
Dibromofluoromethane (Surr)	97		80 - 120		10/09/25 10:37	1
Toluene-d8 (Surr)	106		80 - 120		10/09/25 10:37	1

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-711283/4

Matrix: Water

Analysis Batch: 711283

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.0		ug/L		100	79 - 120
1,1,1-Trichloroethane	20.0	17.9		ug/L		89	73 - 120
1,1,2,2-Tetrachloroethane	20.0	25.6	*+	ug/L		128	72 - 120
1,1,2-Trichloroethane	20.0	21.5		ug/L		107	80 - 120
1,1-Dichloroethane	20.0	21.7		ug/L		109	80 - 120
1,1-Dichloroethene	20.0	20.2		ug/L		101	80 - 131
1,2-Dibromoethane (EDB)	20.0	19.8		ug/L		99	77 - 120
1,2-Dichloroethane	20.0	18.3		ug/L		92	73 - 124
1,2-Dichloropropane	20.0	22.3		ug/L		111	80 - 120
2-Butanone (MEK)	250	260		ug/L		104	59 - 135
2-Hexanone	250	281		ug/L		112	56 - 135
4-Methyl-2-pentanone (MIBK)	250	257		ug/L		103	62 - 133
Acetone	250	236		ug/L		95	57 - 143
Benzene	20.0	21.2		ug/L		106	80 - 120
Bromochloromethane	20.0	18.0		ug/L		90	80 - 120
Bromodichloromethane	20.0	18.7		ug/L		94	71 - 120
Bromoform	20.0	16.7		ug/L		84	51 - 120
Bromomethane	20.0	20.9		ug/L		105	53 - 128
Carbon disulfide	20.0	22.1		ug/L		111	65 - 128
Carbon tetrachloride	20.0	16.6		ug/L		83	64 - 134
Chlorobenzene	20.0	19.4		ug/L		97	80 - 120
Chloroethane	20.0	22.7		ug/L		113	55 - 123
Chloroform	20.0	18.7		ug/L		94	80 - 120
Chloromethane	20.0	23.1		ug/L		115	39 - 134
cis-1,2-Dichloroethene	20.0	20.3		ug/L		101	80 - 125
cis-1,3-Dichloropropene	20.0	18.6		ug/L		93	75 - 120
Dibromochloromethane	20.0	18.2		ug/L		91	71 - 120
Ethylbenzene	20.0	21.4		ug/L		107	80 - 120
Methyl tert-butyl ether	20.0	20.6		ug/L		103	69 - 122
Methylene Chloride	20.0	19.7		ug/L		99	80 - 120
Styrene	20.0	20.0		ug/L		100	80 - 120
Tetrachloroethene	20.0	16.8		ug/L		84	80 - 120
Toluene	20.0	21.3		ug/L		106	80 - 120
trans-1,2-Dichloroethene	20.0	19.5		ug/L		97	80 - 126
trans-1,3-Dichloropropene	20.0	20.9		ug/L		105	67 - 120
Trichloroethene	20.0	17.8		ug/L		89	80 - 120
Vinyl chloride	20.0	23.1		ug/L		116	56 - 120
Xylenes, Total	60.0	62.3		ug/L		104	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		80 - 120
4-Bromofluorobenzene (Surr)	102		80 - 120
Dibromofluoromethane (Surr)	92		80 - 120
Toluene-d8 (Surr)	110		80 - 120

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-711283/5

Matrix: Water

Analysis Batch: 711283

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	19.6		ug/L		98	79 - 120	2	30
1,1,1-Trichloroethane	20.0	17.9		ug/L		90	73 - 120	0	30
1,1,2,2-Tetrachloroethane	20.0	24.6	*+	ug/L		123	72 - 120	4	30
1,1,2-Trichloroethane	20.0	21.6		ug/L		108	80 - 120	1	30
1,1-Dichloroethane	20.0	20.8		ug/L		104	80 - 120	4	30
1,1-Dichloroethene	20.0	19.8		ug/L		99	80 - 131	2	30
1,2-Dibromoethane (EDB)	20.0	19.9		ug/L		99	77 - 120	0	30
1,2-Dichloroethane	20.0	18.4		ug/L		92	73 - 124	1	30
1,2-Dichloropropane	20.0	22.3		ug/L		112	80 - 120	0	30
2-Butanone (MEK)	250	259		ug/L		104	59 - 135	0	30
2-Hexanone	250	281		ug/L		112	56 - 135	0	30
4-Methyl-2-pentanone (MIBK)	250	256		ug/L		103	62 - 133	0	30
Acetone	250	237		ug/L		95	57 - 143	0	30
Benzene	20.0	21.2		ug/L		106	80 - 120	0	30
Bromochloromethane	20.0	17.7		ug/L		89	80 - 120	1	30
Bromodichloromethane	20.0	18.8		ug/L		94	71 - 120	0	30
Bromoform	20.0	17.1		ug/L		86	51 - 120	2	30
Bromomethane	20.0	20.1		ug/L		101	53 - 128	4	30
Carbon disulfide	20.0	21.4		ug/L		107	65 - 128	3	30
Carbon tetrachloride	20.0	16.6		ug/L		83	64 - 134	0	30
Chlorobenzene	20.0	20.0		ug/L		100	80 - 120	3	30
Chloroethane	20.0	21.6		ug/L		108	55 - 123	5	30
Chloroform	20.0	18.6		ug/L		93	80 - 120	1	30
Chloromethane	20.0	23.7		ug/L		119	39 - 134	3	30
cis-1,2-Dichloroethene	20.0	19.8		ug/L		99	80 - 125	3	30
cis-1,3-Dichloropropene	20.0	19.0		ug/L		95	75 - 120	2	30
Dibromochloromethane	20.0	18.6		ug/L		93	71 - 120	2	30
Ethylbenzene	20.0	21.3		ug/L		107	80 - 120	0	30
Methyl tert-butyl ether	20.0	20.0		ug/L		100	69 - 122	3	30
Methylene Chloride	20.0	20.2		ug/L		101	80 - 120	2	30
Styrene	20.0	20.2		ug/L		101	80 - 120	1	30
Tetrachloroethene	20.0	16.8		ug/L		84	80 - 120	0	30
Toluene	20.0	21.2		ug/L		106	80 - 120	0	30
trans-1,2-Dichloroethene	20.0	20.3		ug/L		101	80 - 126	4	30
trans-1,3-Dichloropropene	20.0	21.7		ug/L		109	67 - 120	4	30
Trichloroethene	20.0	18.4		ug/L		92	80 - 120	3	30
Vinyl chloride	20.0	23.3		ug/L		116	56 - 120	1	30
Xylenes, Total	60.0	62.2		ug/L		104	80 - 120	0	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		80 - 120
4-Bromofluorobenzene (Surr)	103		80 - 120
Dibromofluoromethane (Surr)	91		80 - 120
Toluene-d8 (Surr)	109		80 - 120

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 410-711513/7

Matrix: Water

Analysis Batch: 711513

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			10/09/25 12:19	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
2-Butanone (MEK)	ND		10	1.0	ug/L			10/09/25 12:19	1
2-Hexanone	ND		10	0.85	ug/L			10/09/25 12:19	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			10/09/25 12:19	1
Acetone	ND		20	0.70	ug/L			10/09/25 12:19	1
Benzene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Bromochloromethane	ND		5.0	0.20	ug/L			10/09/25 12:19	1
Bromodichloromethane	ND		1.0	0.20	ug/L			10/09/25 12:19	1
Bromoform	ND		4.0	1.0	ug/L			10/09/25 12:19	1
Bromomethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Carbon disulfide	ND		5.0	0.30	ug/L			10/09/25 12:19	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Chlorobenzene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Chloroethane	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Chloroform	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Chloromethane	ND		2.0	0.55	ug/L			10/09/25 12:19	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 12:19	1
Dibromochloromethane	ND		1.0	0.20	ug/L			10/09/25 12:19	1
Ethylbenzene	ND		1.0	0.40	ug/L			10/09/25 12:19	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			10/09/25 12:19	1
Methylene Chloride	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Styrene	ND		5.0	0.30	ug/L			10/09/25 12:19	1
Tetrachloroethene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Toluene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			10/09/25 12:19	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			10/09/25 12:19	1
Trichloroethene	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Vinyl chloride	ND		1.0	0.30	ug/L			10/09/25 12:19	1
Xylenes, Total	ND		1.0	0.40	ug/L			10/09/25 12:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	107		80 - 120		10/09/25 12:19	1
4-Bromofluorobenzene (Surr)	92		80 - 120		10/09/25 12:19	1
Dibromofluoromethane (Surr)	116		80 - 120		10/09/25 12:19	1
Toluene-d8 (Surr)	96		80 - 120		10/09/25 12:19	1

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 410-711513/4

Matrix: Water

Analysis Batch: 711513

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.0		ug/L		100	79 - 120
1,1,1-Trichloroethane	20.0	21.9		ug/L		109	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.1		ug/L		101	72 - 120
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	80 - 120
1,1-Dichloroethane	20.0	21.0		ug/L		105	80 - 120
1,1-Dichloroethene	20.0	18.5		ug/L		92	80 - 131
1,2-Dibromoethane (EDB)	20.0	19.8		ug/L		99	77 - 120
1,2-Dichloroethane	20.0	22.3		ug/L		112	73 - 124
1,2-Dichloropropane	20.0	20.6		ug/L		103	80 - 120
2-Butanone (MEK)	250	262		ug/L		105	59 - 135
2-Hexanone	250	310		ug/L		124	56 - 135
4-Methyl-2-pentanone (MIBK)	250	312		ug/L		125	62 - 133
Acetone	250	194		ug/L		78	57 - 143
Benzene	20.0	20.5		ug/L		102	80 - 120
Bromochloromethane	20.0	20.0		ug/L		100	80 - 120
Bromodichloromethane	20.0	20.7		ug/L		103	71 - 120
Bromoform	20.0	18.2		ug/L		91	51 - 120
Bromomethane	20.0	19.1		ug/L		96	53 - 128
Carbon disulfide	20.0	22.1		ug/L		110	65 - 128
Carbon tetrachloride	20.0	21.9		ug/L		109	64 - 134
Chlorobenzene	20.0	20.1		ug/L		100	80 - 120
Chloroethane	20.0	20.5		ug/L		103	55 - 123
Chloroform	20.0	21.8		ug/L		109	80 - 120
Chloromethane	20.0	19.6		ug/L		98	39 - 134
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	80 - 125
cis-1,3-Dichloropropene	20.0	17.7		ug/L		88	75 - 120
Dibromochloromethane	20.0	18.9		ug/L		94	71 - 120
Ethylbenzene	20.0	21.1		ug/L		106	80 - 120
Methyl tert-butyl ether	20.0	22.5		ug/L		112	69 - 122
Methylene Chloride	20.0	21.7		ug/L		108	80 - 120
Styrene	20.0	19.7		ug/L		99	80 - 120
Tetrachloroethene	20.0	19.8		ug/L		99	80 - 120
Toluene	20.0	19.8		ug/L		99	80 - 120
trans-1,2-Dichloroethene	20.0	21.4		ug/L		107	80 - 126
trans-1,3-Dichloropropene	20.0	18.4		ug/L		92	67 - 120
Trichloroethene	20.0	20.5		ug/L		102	80 - 120
Vinyl chloride	20.0	20.1		ug/L		100	56 - 120
Xylenes, Total	60.0	60.2		ug/L		100	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		80 - 120
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	105		80 - 120
Toluene-d8 (Surr)	105		80 - 120

QC Sample Results

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 410-711513/5

Matrix: Water

Analysis Batch: 711513

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane	20.0	21.2		ug/L		106	79 - 120	6	30
1,1,1-Trichloroethane	20.0	22.7		ug/L		114	73 - 120	4	30
1,1,2,2-Tetrachloroethane	20.0	20.4		ug/L		102	72 - 120	1	30
1,1,2-Trichloroethane	20.0	20.4		ug/L		102	80 - 120	4	30
1,1-Dichloroethane	20.0	22.1		ug/L		110	80 - 120	5	30
1,1-Dichloroethene	20.0	19.1		ug/L		95	80 - 131	3	30
1,2-Dibromoethane (EDB)	20.0	20.8		ug/L		104	77 - 120	5	30
1,2-Dichloroethane	20.0	23.0		ug/L		115	73 - 124	3	30
1,2-Dichloropropane	20.0	21.7		ug/L		109	80 - 120	5	30
2-Butanone (MEK)	250	286		ug/L		114	59 - 135	9	30
2-Hexanone	250	332		ug/L		133	56 - 135	7	30
4-Methyl-2-pentanone (MIBK)	250	327		ug/L		131	62 - 133	5	30
Acetone	250	197		ug/L		79	57 - 143	1	30
Benzene	20.0	21.2		ug/L		106	80 - 120	3	30
Bromochloromethane	20.0	20.5		ug/L		103	80 - 120	3	30
Bromodichloromethane	20.0	20.8		ug/L		104	71 - 120	1	30
Bromoform	20.0	18.8		ug/L		94	51 - 120	3	30
Bromomethane	20.0	18.2		ug/L		91	53 - 128	5	30
Carbon disulfide	20.0	22.7		ug/L		113	65 - 128	3	30
Carbon tetrachloride	20.0	22.6		ug/L		113	64 - 134	3	30
Chlorobenzene	20.0	20.9		ug/L		104	80 - 120	4	30
Chloroethane	20.0	19.6		ug/L		98	55 - 123	4	30
Chloroform	20.0	22.4		ug/L		112	80 - 120	3	30
Chloromethane	20.0	18.8		ug/L		94	39 - 134	4	30
cis-1,2-Dichloroethene	20.0	20.6		ug/L		103	80 - 125	6	30
cis-1,3-Dichloropropene	20.0	17.7		ug/L		89	75 - 120	0	30
Dibromochloromethane	20.0	19.7		ug/L		98	71 - 120	4	30
Ethylbenzene	20.0	22.0		ug/L		110	80 - 120	4	30
Methyl tert-butyl ether	20.0	23.0		ug/L		115	69 - 122	2	30
Methylene Chloride	20.0	22.0		ug/L		110	80 - 120	1	30
Styrene	20.0	20.7		ug/L		103	80 - 120	5	30
Tetrachloroethene	20.0	20.4		ug/L		102	80 - 120	3	30
Toluene	20.0	20.7		ug/L		103	80 - 120	5	30
trans-1,2-Dichloroethene	20.0	21.9		ug/L		109	80 - 126	2	30
trans-1,3-Dichloropropene	20.0	19.1		ug/L		96	67 - 120	4	30
Trichloroethene	20.0	21.2		ug/L		106	80 - 120	4	30
Vinyl chloride	20.0	19.0		ug/L		95	56 - 120	5	30
Xylenes, Total	60.0	63.1		ug/L		105	80 - 120	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	105		80 - 120
4-Bromofluorobenzene (Surr)	106		80 - 120
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	106		80 - 120

QC Association Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

GC/MS VOA

Analysis Batch: 710460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244152-1	HD-MW-101S-0/1-0	Total/NA	Water	8260D	
410-244152-2	HD-MW-101D-0/1-0	Total/NA	Water	8260D	
410-244152-3	HD-MW-6-0/1-0	Total/NA	Water	8260D	
410-244152-4	HD-MW-5-0/1-0	Total/NA	Water	8260D	
410-244152-5	HD-MW-88-0/1-0	Total/NA	Water	8260D	
410-244152-6	HD-QC1-0/1-3	Total/NA	Water	8260D	
410-244152-7	HD-QC1-0/1-4	Total/NA	Water	8260D	
410-244152-8	HD-MW-166-0/1-0	Total/NA	Water	8260D	
410-244152-9	HD-MW-167-0/1-0	Total/NA	Water	8260D	
410-244152-18	HD-QC1-0/1-2	Total/NA	Water	8260D	
MB 410-710460/8	Method Blank	Total/NA	Water	8260D	
LCS 410-710460/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-710460/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 711283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244152-10	HD-MW-168-0/1-0	Total/NA	Water	8260D	
410-244152-11	HD-MW-108D-0/1-0	Total/NA	Water	8260D	
MB 410-711283/7	Method Blank	Total/NA	Water	8260D	
LCS 410-711283/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-711283/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 711513

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-244152-12	HD-MW-65S-0/1-0	Total/NA	Water	8260D	
410-244152-13	HD-MW-20M-0/1-0	Total/NA	Water	8260D	
410-244152-14	HD-MW-14-0/1-0	Total/NA	Water	8260D	
410-244152-15	HD-MW-22-0/1-0	Total/NA	Water	8260D	
410-244152-16	HD-MW-108S-0/1-0	Total/NA	Water	8260D	
410-244152-17	HD-MW-165-0/1-0	Total/NA	Water	8260D	
410-244152-19	HD-MW-3-0/1-0	Total/NA	Water	8260D	
MB 410-711513/7	Method Blank	Total/NA	Water	8260D	
LCS 410-711513/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-711513/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-101S-0/1-0

Lab Sample ID: 410-244152-1

Date Collected: 09/24/25 12:27

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 02:11

Client Sample ID: HD-MW-101D-0/1-0

Lab Sample ID: 410-244152-2

Date Collected: 09/24/25 11:25

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 02:31

Client Sample ID: HD-MW-6-0/1-0

Lab Sample ID: 410-244152-3

Date Collected: 09/24/25 13:42

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 02:52

Client Sample ID: HD-MW-5-0/1-0

Lab Sample ID: 410-244152-4

Date Collected: 09/24/25 14:20

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 03:12

Client Sample ID: HD-MW-88-0/1-0

Lab Sample ID: 410-244152-5

Date Collected: 09/24/25 13:20

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 03:32

Client Sample ID: HD-QC1-0/1-3

Lab Sample ID: 410-244152-6

Date Collected: 09/24/25 14:10

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 03:53

Client Sample ID: HD-QC1-0/1-4

Lab Sample ID: 410-244152-7

Date Collected: 09/24/25 14:15

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 04:13

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-166-0/1-0

Lab Sample ID: 410-244152-8

Date Collected: 09/25/25 10:45

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 04:33

Client Sample ID: HD-MW-167-0/1-0

Lab Sample ID: 410-244152-9

Date Collected: 09/25/25 10:40

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 04:53

Client Sample ID: HD-MW-168-0/1-0

Lab Sample ID: 410-244152-10

Date Collected: 09/25/25 14:45

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711283	TQ4J	ELLE	10/09/25 15:53

Client Sample ID: HD-MW-108D-0/1-0

Lab Sample ID: 410-244152-11

Date Collected: 09/25/25 12:43

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711283	TQ4J	ELLE	10/09/25 16:13

Client Sample ID: HD-MW-65S-0/1-0

Lab Sample ID: 410-244152-12

Date Collected: 09/26/25 08:40

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 15:14

Client Sample ID: HD-MW-20M-0/1-0

Lab Sample ID: 410-244152-13

Date Collected: 09/26/25 09:00

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 15:37

Client Sample ID: HD-MW-14-0/1-0

Lab Sample ID: 410-244152-14

Date Collected: 09/26/25 10:47

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 16:00

Lab Chronicle

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Client Sample ID: HD-MW-22-0/1-0

Lab Sample ID: 410-244152-15

Date Collected: 09/26/25 09:30

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 16:22

Client Sample ID: HD-MW-108S-0/1-0

Lab Sample ID: 410-244152-16

Date Collected: 09/26/25 11:55

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 16:45

Client Sample ID: HD-MW-165-0/1-0

Lab Sample ID: 410-244152-17

Date Collected: 09/26/25 12:15

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 17:08

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-244152-18

Date Collected: 09/24/25 00:00

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	710460	Y6ZN	ELLE	10/08/25 01:50

Client Sample ID: HD-MW-3-0/1-0

Lab Sample ID: 410-244152-19

Date Collected: 09/26/25 12:20

Matrix: Water

Date Received: 09/27/25 15:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	711513	ULCP	ELLE	10/09/25 17:31

Laboratory References:

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Pennsylvania	NELAP	36-00037	01-31-26

Method Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	ELLE
5030C	Purge and Trap	SW846	ELLE

Protocol References:
SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:
ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Sample Summary

Client: Groundwater Sciences Corporation
Project/Site: 2025 Comprehensive Sampling

Job ID: 410-244152-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
410-244152-1	HD-MW-101S-0/1-0	Water	09/24/25 12:27	09/27/25 15:50	Pennsylvania
410-244152-2	HD-MW-101D-0/1-0	Water	09/24/25 11:25	09/27/25 15:50	Pennsylvania
410-244152-3	HD-MW-6-0/1-0	Water	09/24/25 13:42	09/27/25 15:50	Pennsylvania
410-244152-4	HD-MW-5-0/1-0	Water	09/24/25 14:20	09/27/25 15:50	Pennsylvania
410-244152-5	HD-MW-88-0/1-0	Water	09/24/25 13:20	09/27/25 15:50	Pennsylvania
410-244152-6	HD-QC1-0/1-3	Water	09/24/25 14:10	09/27/25 15:50	Pennsylvania
410-244152-7	HD-QC1-0/1-4	Water	09/24/25 14:15	09/27/25 15:50	Pennsylvania
410-244152-8	HD-MW-166-0/1-0	Water	09/25/25 10:45	09/27/25 15:50	Pennsylvania
410-244152-9	HD-MW-167-0/1-0	Water	09/25/25 10:40	09/27/25 15:50	Pennsylvania
410-244152-10	HD-MW-168-0/1-0	Water	09/25/25 14:45	09/27/25 15:50	Pennsylvania
410-244152-11	HD-MW-108D-0/1-0	Water	09/25/25 12:43	09/27/25 15:50	Pennsylvania
410-244152-12	HD-MW-65S-0/1-0	Water	09/26/25 08:40	09/27/25 15:50	Pennsylvania
410-244152-13	HD-MW-20M-0/1-0	Water	09/26/25 09:00	09/27/25 15:50	Pennsylvania
410-244152-14	HD-MW-14-0/1-0	Water	09/26/25 10:47	09/27/25 15:50	Pennsylvania
410-244152-15	HD-MW-22-0/1-0	Water	09/26/25 09:30	09/27/25 15:50	Pennsylvania
410-244152-16	HD-MW-108S-0/1-0	Water	09/26/25 11:55	09/27/25 15:50	Pennsylvania
410-244152-17	HD-MW-165-0/1-0	Water	09/26/25 12:15	09/27/25 15:50	Pennsylvania
410-244152-18	HD-QC1-0/1-2	Water	09/24/25 00:00	09/27/25 15:50	Pennsylvania
410-244152-19	HD-MW-3-0/1-0	Water	09/26/25 12:20	09/27/25 15:50	Pennsylvania

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: IC 410-710355/15

Client Sample ID:

Date Analyzed: 10/07/25 18:13

Lab File ID: FC07X55.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.25	Incomplete Integration	Y6ZN	10/07/25 19:36
t-Butyl alcohol	4.40	Baseline	Y6ZN	10/07/25 19:36
n-Butanol	8.15	Baseline	ULCP	10/08/25 06:04

Lab Sample ID: ICIS 410-710355/16

Client Sample ID:

Date Analyzed: 10/07/25 18:35

Lab File ID: FC07X56.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.41	Baseline	Y6ZN	10/07/25 18:58

Lab Sample ID: IC 410-710355/17

Client Sample ID:

Date Analyzed: 10/07/25 18:58

Lab File ID: FC07X57.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.43	Baseline	Y6ZN	10/07/25 19:37

Lab Sample ID: IC 410-710355/18

Client Sample ID:

Date Analyzed: 10/07/25 19:21

Lab File ID: FC07X58.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.42	Baseline	Y6ZN	10/07/25 19:45
1,2,4-Trimethylbenzene	12.84	Peak assignment corrected	Y6ZN	10/07/25 19:45

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: ICV 410-710355/20

Client Sample ID:

Date Analyzed: 10/07/25 20:07

Lab File ID: FC07X60.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.25	Incomplete Integration	UCB5	10/08/25 14:01
t-Butyl alcohol	4.43	Baseline	Y6ZN	10/07/25 20:29

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: IC 410-710355/12

Client Sample ID:

Date Analyzed: 10/07/25 23:07

Lab File ID: FC07X65.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroethane	2.69	Incomplete Integration	Y6ZN	10/08/25 00:27
n-Pentane	3.01	Incomplete Integration	Y6ZN	10/08/25 00:28
Ethyl ether	3.25	Incomplete Integration	Y6ZN	10/08/25 00:28
Acetone	3.60	Baseline	ULCP	10/08/25 05:45
Freon 113	3.60	Incomplete Integration	Y6ZN	10/08/25 00:28
2-Propanol	3.77	Baseline	ULCP	10/08/25 05:47
Carbon disulfide	3.85	Incomplete Integration	Y6ZN	10/08/25 00:29
Methyl acetate	4.02	Incomplete Integration	Y6ZN	10/08/25 00:29
trans-1,2-Dichloroethene	4.65	Incomplete Integration	Y6ZN	10/08/25 00:29
Methyl tert-butyl ether	4.67	Incomplete Integration	Y6ZN	10/08/25 00:29
n-Hexane	5.07	Incomplete Integration	Y6ZN	10/08/25 00:29
1,1-Dichloroethane	5.32	Incomplete Integration	Y6ZN	10/08/25 00:29
Isopropyl ether	5.39	Incomplete Integration	Y6ZN	10/08/25 00:29
2-Chloro-1,3-butadiene	5.42	Incomplete Integration	Y6ZN	10/08/25 00:29
Ethyl t-butyl ether	5.93	Incomplete Integration	Y6ZN	10/08/25 00:29
2,2-Dichloropropane	6.19	Incomplete Integration	Y6ZN	10/08/25 00:29
Methacrylonitrile	6.46	Incomplete Integration	Y6ZN	10/08/25 00:30
Chloroform	6.64	Incomplete Integration	Y6ZN	10/08/25 00:30
1,1,1-Trichloroethane	6.88	Incomplete Integration	Y6ZN	10/08/25 00:30
Cyclohexane	6.96	Incomplete Integration	Y6ZN	10/08/25 00:30
1,1-Dichloropropene	7.07	Incomplete Integration	Y6ZN	10/08/25 00:30
Carbon tetrachloride	7.09	Incomplete Integration	Y6ZN	10/08/25 00:30
Isobutyl alcohol	7.29	Incomplete Integration	Y6ZN	10/08/25 00:30
t-Amyl methyl ether	7.57	Incomplete Integration	Y6ZN	10/08/25 00:30
n-Heptane	7.77	Incomplete Integration	Y6ZN	10/08/25 00:30
n-Butanol	8.15	Baseline	ULCP	10/08/25 06:05
Trichloroethene	8.24	Incomplete Integration	Y6ZN	10/08/25 00:30
Cyclohexanone	12.18	Incomplete Integration	Y6ZN	10/08/25 00:31

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 710355

Lab Sample ID: IC 410-710355/13

Client Sample ID:

Date Analyzed: 10/07/25 23:29

Lab File ID: FC07X66.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.25	Incomplete Integration	Y6ZN	10/08/25 00:31
Freon 113	3.60	Incomplete Integration	Y6ZN	10/08/25 00:31
Methyl acetate	4.03	Incomplete Integration	Y6ZN	10/08/25 00:32
2,2-Dichloropropane	6.17	Incomplete Integration	Y6ZN	10/08/25 00:32
1,1,1-Trichloroethane	6.88	Incomplete Integration	Y6ZN	10/08/25 00:32
n-Butanol	8.16	Baseline	ULCP	10/08/25 06:05

Lab Sample ID: IC 410-710355/14

Client Sample ID:

Date Analyzed: 10/07/25 23:52

Lab File ID: FC07X67.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl ether	3.24	Baseline	ULCP	10/08/25 05:26
2-Propanol	3.80	Baseline	ULCP	10/08/25 05:27
n-Butanol	8.15	Baseline	ULCP	10/08/25 06:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 711513

Lab Sample ID: CCVIS 410-711513/3

Client Sample ID:

Date Analyzed: 10/09/25 10:49

Lab File ID: FC08X52.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methyl acetate	4.03	Baseline	ULCP	10/09/25 16:55

Lab Sample ID: MB 410-711513/7

Client Sample ID:

Date Analyzed: 10/09/25 12:19

Lab File ID: FC08X56.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	ULCP	10/09/25 17:05
Chloroform		Invalid Compound ID	ULCP	10/09/25 17:06

Lab Sample ID: 410-244152-12

Client Sample ID: HD-MW-65S-0/1-0

Date Analyzed: 10/09/25 15:14

Lab File ID: FC09X12.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acetone		Invalid Compound ID	D9QF	10/10/25 09:50

Lab Sample ID: 410-244152-14

Client Sample ID: HD-MW-14-0/1-0

Date Analyzed: 10/09/25 16:00

Lab File ID: FC09X14.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	8.23	Incomplete Integration	D9QF	10/10/25 09:52
Bromomethane		Invalid Compound ID	D9QF	10/10/25 09:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Analysis Batch Number: 711513

Lab Sample ID: 410-244152-17

Client Sample ID: HD-MW-165-0/1-0

Date Analyzed: 10/09/25 17:08

Lab File ID: FC09X17.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	8.24	Incomplete Integration	D9QF	10/10/25 10:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/3

Client Sample ID:

Date Analyzed: 08/11/25 15:55

Lab File ID: 5G11X02.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.88	Incomplete Integration	JS6E	08/11/25 18:04

Lab Sample ID: IC 410-683596/4

Client Sample ID:

Date Analyzed: 08/11/25 16:15

Lab File ID: 5G11X03.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.92	Incomplete Integration	JS6E	08/11/25 18:03
Ethanol	2.48	Incomplete Integration	JS6E	08/11/25 18:03

Lab Sample ID: IC 410-683596/5

Client Sample ID:

Date Analyzed: 08/11/25 16:35

Lab File ID: 5G11X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.92	Incomplete Integration	JS6E	08/11/25 18:03
Ethanol	2.56	Incomplete Integration	JS6E	08/11/25 18:04

Lab Sample ID: IC 410-683596/7

Client Sample ID:

Date Analyzed: 08/11/25 17:16

Lab File ID: 5G11X06.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	1.93	Incomplete Integration	JS6E	08/11/25 18:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/12

Client Sample ID:

Date Analyzed: 08/11/25 18:58

Lab File ID: 5G11X11.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	1.87	Incomplete Integration	JS6E	08/11/25 23:03
n-Pentane	2.39	Incomplete Integration	JS6E	08/11/25 23:04
2-Propanol	3.07	Incomplete Integration	JS6E	08/11/25 23:04
Carbon disulfide	3.09	Incomplete Integration	JS6E	08/11/25 23:04
Methylene Chloride	3.40	Incomplete Integration	JS6E	08/11/25 23:05
t-Butyl alcohol-d10 (IS)	3.45	Incomplete Integration	JS6E	08/11/25 23:05
1,1-Dichloroethane	4.30	Incomplete Integration	JS6E	08/11/25 23:05
Isopropyl ether	4.38	Incomplete Integration	JS6E	08/11/25 23:05
cis-1,2-Dichloroethene	5.19	Incomplete Integration	JS6E	08/11/25 23:05
Methyl acrylate	5.33	Incomplete Integration	JS6E	08/11/25 23:05
Methacrylonitrile	5.51	Incomplete Integration	JS6E	08/11/25 23:05
Cyclohexane	6.02	Incomplete Integration	JS6E	08/11/25 23:05
Isobutyl alcohol	6.40	Incomplete Integration	JS6E	08/11/25 23:06
n-Heptane	6.91	Incomplete Integration	JS6E	08/11/25 23:06

Lab Sample ID: IC 410-683596/13

Client Sample ID:

Date Analyzed: 08/11/25 19:19

Lab File ID: 5G11X12.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.40	Incomplete Integration	JS6E	08/11/25 23:00
Carbon disulfide	3.15	Split Peak	UKEK	08/12/25 13:35
n-Hexane	4.09	Incomplete Integration	JS6E	08/12/25 00:14
Isopropyl ether	4.40	Incomplete Integration	JS6E	08/11/25 23:01
1,1,1-Trichloroethane	5.94	Incomplete Integration	JS6E	08/11/25 23:01
Cyclohexane	6.03	Incomplete Integration	JS6E	08/11/25 23:01
1,4-Dioxane	7.85	Incomplete Integration	JS6E	08/11/25 23:02

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/14

Client Sample ID:

Date Analyzed: 08/11/25 19:39

Lab File ID: 5G11X13.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	2.99	Incomplete Integration	JS6E	08/11/25 22:58
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:58
Methylene Chloride	3.38	Incomplete Integration	JS6E	08/11/25 22:58
t-Butyl alcohol	3.54	Incomplete Integration	JS6E	08/11/25 23:18
1,4-Dioxane	7.84	Incomplete Integration	JS6E	08/11/25 22:59

Lab Sample ID: IC 410-683596/15

Client Sample ID:

Date Analyzed: 08/11/25 20:00

Lab File ID: 5G11X14.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.41	Baseline	UKEK	08/12/25 13:34
2-Propanol	3.04	Incomplete Integration	JS6E	08/11/25 22:56
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:56
t-Butyl alcohol	3.52	Incomplete Integration	JS6E	08/11/25 23:18
1,4-Dioxane	7.83	Incomplete Integration	JS6E	08/11/25 22:57

Lab Sample ID: ICIS 410-683596/16

Client Sample ID:

Date Analyzed: 08/11/25 20:20

Lab File ID: 5G11X15.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.15	Peak assignment corrected	JS6E	08/11/25 22:47
1,4-Dioxane	7.83	Incomplete Integration	JS6E	08/11/25 22:45
1,2,4-Trimethylbenzene	12.38	Peak assignment corrected	JS6E	08/11/25 22:51

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 683596

Lab Sample ID: IC 410-683596/17

Client Sample ID:

Date Analyzed: 08/11/25 20:40

Lab File ID: 5G11X16.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	2.98	Incomplete Integration	JS6E	08/11/25 22:49
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:46
1,2,4-Trimethylbenzene	12.38	Peak assignment corrected	JS6E	08/11/25 22:50

Lab Sample ID: IC 410-683596/18

Client Sample ID:

Date Analyzed: 08/11/25 21:01

Lab File ID: 5G11X17.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.39	Incomplete Integration	JS6E	08/11/25 22:55
2-Propanol	3.00	Incomplete Integration	JS6E	08/11/25 22:55
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 22:55

Lab Sample ID: ICV 410-683596/20

Client Sample ID:

Date Analyzed: 08/11/25 21:42

Lab File ID: 5G11X19.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	2.99	Incomplete Integration	JS6E	08/11/25 23:12
Carbon disulfide	3.15	Incomplete Integration	JS6E	08/11/25 23:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 710460

Lab Sample ID: CCVIS 410-710460/3

Client Sample ID:

Date Analyzed: 10/07/25 22:27

Lab File ID: 5C07X52.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	2.54	Incomplete Integration	S8BP	10/07/25 22:58
Carbon disulfide	3.13	Incomplete Integration	S8BP	10/07/25 22:55
Cyclohexanone	11.60	Peak assignment corrected	S8BP	10/07/25 22:58

Lab Sample ID: LCS 410-710460/5

Client Sample ID:

Date Analyzed: 10/07/25 23:07

Lab File ID: 5C07X54.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.13	Incomplete Integration	S8BP	10/07/25 23:56
Methylene Chloride	3.43	Peak assignment corrected	S8BP	10/07/25 23:57
1,2-Dichloroethane-d4 (Surr)	6.46	Incomplete Integration	S8BP	10/07/25 23:57

Lab Sample ID: LCSD 410-710460/6

Client Sample ID:

Date Analyzed: 10/07/25 23:28

Lab File ID: 5C07X55.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.13	Split Peak	S8BP	10/08/25 00:00

Lab Sample ID: 410-244152-18

Client Sample ID: HD-QC1-0/1-2

Date Analyzed: 10/08/25 01:50

Lab File ID: 5C07X62.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide		Invalid Compound ID	FQ4L	10/08/25 13:59

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 710460

Lab Sample ID: 410-244152-1

Client Sample ID: HD-MW-101S-0/1-0

Date Analyzed: 10/08/25 02:11

Lab File ID: 5C07X63.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	7.40	Incomplete Integration	FQ4L	10/08/25 14:00

Lab Sample ID: 410-244152-2

Client Sample ID: HD-MW-101D-0/1-0

Date Analyzed: 10/08/25 02:31

Lab File ID: 5C07X64.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane		Invalid Compound ID	FQ4L	10/08/25 14:00

Lab Sample ID: 410-244152-5

Client Sample ID: HD-MW-88-0/1-0

Date Analyzed: 10/08/25 03:32

Lab File ID: 5C07X67.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	7.40	Incomplete Integration	FQ4L	10/08/25 15:00

Lab Sample ID: 410-244152-6

Client Sample ID: HD-QC1-0/1-3

Date Analyzed: 10/08/25 03:53

Lab File ID: 5C07X68.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/09/25 07:18

Lab Sample ID: 410-244152-7

Client Sample ID: HD-QC1-0/1-4

Date Analyzed: 10/08/25 04:13

Lab File ID: 5C07X69.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/09/25 07:19

8260D

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Analysis Batch Number: 710460

Lab Sample ID: 410-244152-8

Client Sample ID: HD-MW-166-0/1-0

Date Analyzed: 10/08/25 04:33

Lab File ID: 5C07X70.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	7.41	Incomplete Integration	FQ4L	10/09/25 07:20

Lab Sample ID: 410-244152-9

Client Sample ID: HD-MW-167-0/1-0

Date Analyzed: 10/08/25 04:53

Lab File ID: 5C07X71.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichloroethene	7.41	Incomplete Integration	FQ4L	10/09/25 07:20

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/3

Client Sample ID:

Date Analyzed: 09/22/25 15:13

Lab File ID: NS22X03.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorotrifluoroethene	1.99	Incomplete Integration	JS6E	09/22/25 18:28
Chlorodifluoromethane	2.04	Incomplete Integration	JS6E	09/22/25 18:28
Freon 133a	2.43	Incomplete Integration	JS6E	09/22/25 18:28
Acetonitrile	4.22	Incomplete Integration	JS6E	09/22/25 18:28

Lab Sample ID: IC 410-702728/4

Client Sample ID:

Date Analyzed: 09/22/25 15:33

Lab File ID: NS22X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorotrifluoroethene	1.97	Incomplete Integration	JS6E	09/22/25 18:27
Chlorodifluoromethane	2.03	Incomplete Integration	JS6E	09/22/25 18:27
Freon 133a	2.43	Incomplete Integration	JS6E	09/22/25 18:27
Acetonitrile	4.23	Incomplete Integration	JS6E	09/22/25 18:27

Lab Sample ID: IC 410-702728/5

Client Sample ID:

Date Analyzed: 09/22/25 15:53

Lab File ID: NS22X05.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chlorotrifluoroethene	1.99	Incomplete Integration	JS6E	09/22/25 18:25
Acetonitrile	4.23	Incomplete Integration	JS6E	09/22/25 18:25
t-Butyl alcohol-d10 (IS)	4.53	Incomplete Integration	JS6E	09/22/25 18:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/6

Client Sample ID:

Date Analyzed: 09/22/25 16:12

Lab File ID: NS22X06.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon 133a	2.44	Incomplete Integration	JS6E	09/22/25 17:40
Acetonitrile	4.23	Incomplete Integration	JS6E	09/22/25 17:41
t-Butyl alcohol-d10 (IS)	4.53	Incomplete Integration	JS6E	09/22/25 17:40

Lab Sample ID: IC 410-702728/8

Client Sample ID:

Date Analyzed: 09/22/25 16:52

Lab File ID: NS22X08.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol-d10 (IS)	4.53	Incomplete Integration	JS6E	09/22/25 17:37

Lab Sample ID: IC 410-702728/14

Client Sample ID:

Date Analyzed: 09/22/25 18:51

Lab File ID: NS22X14.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.27	Incomplete Integration	UKAD	09/22/25 21:32
Freon 113	3.80	Incomplete Integration	UKAD	09/22/25 21:32
Allyl chloride	4.28	Other	UKEK	09/23/25 09:01
n-Hexane	5.35	Other	UKEK	09/23/25 09:01
1,1-Dichloroethane	5.59	Other	UKEK	09/23/25 09:02
Ethyl t-butyl ether	6.18	Other	UKEK	09/23/25 09:02
cis-1,2-Dichloroethene	6.43	Peak assignment corrected	UKAD	09/22/25 21:33
2,2-Dichloropropane	6.44	Peak assignment corrected	UKAD	09/22/25 21:33
Methacrylonitrile	6.71	Incomplete Integration	UKAD	09/22/25 21:33
Cyclohexane	7.22	Peak assignment corrected	UKAD	09/22/25 21:33
Trichloroethene	8.47	Peak assignment corrected	UKAD	09/22/25 21:33
1,2-Dichloropropane	8.80	Incomplete Integration	UKAD	09/22/25 21:33
1,2,3-Trichloropropane	12.48	Peak assignment corrected	UKAD	09/22/25 21:33

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/15

Client Sample ID:

Date Analyzed: 09/22/25 19:10

Lab File ID: NS22X15.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	2.24	Peak assignment corrected	UKAD	09/22/25 21:29
Trichlorofluoromethane	3.15	Incomplete Integration	UKAD	09/22/25 21:29
Ethanol	3.34	Incomplete Integration	JS6E	09/23/25 04:23
Freon 113	3.81	Peak assignment corrected	UKAD	09/22/25 21:30
Methyl acetate	4.27	Incomplete Integration	UKAD	09/22/25 21:30
Allyl chloride	4.28	Incomplete Integration	UKAD	09/22/25 21:30
trans-1,2-Dichloroethene	4.92	Incomplete Integration	UKAD	09/22/25 21:30
2-Chloro-1,3-butadiene	5.70	Peak assignment corrected	UKAD	09/22/25 21:30
Ethyl t-butyl ether	6.18	Other	UKEK	09/23/25 09:06
2,2-Dichloropropane	6.45	Peak assignment corrected	UKAD	09/22/25 21:30
Bromochloromethane	6.76	Peak assignment corrected	UKAD	09/22/25 21:30
Cyclohexane	7.22	Peak assignment corrected	UKAD	09/22/25 21:30
Benzene	7.59	Incomplete Integration	UKAD	09/22/25 21:24
t-Amyl methyl ether	7.78	Incomplete Integration	UKAD	09/22/25 21:31
Trichloroethene	8.46	Peak assignment corrected	UKAD	09/22/25 21:31
1,1,2-Trichloroethane	10.47	Incomplete Integration	UKAD	09/22/25 21:31

Lab Sample ID: ICIS 410-702728/16

Client Sample ID:

Date Analyzed: 09/22/25 19:30

Lab File ID: NS22X16.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.33	Incomplete Integration	UKAD	09/22/25 21:28
2-Butanone (MEK)	6.40	Peak assignment corrected	UKAD	09/22/25 21:28
2,2-Dichloropropane	6.44	Peak assignment corrected	UKAD	09/22/25 21:28
Methacrylonitrile	6.71	Incomplete Integration	UKAD	09/22/25 21:29
t-Amyl methyl ether	7.79	Peak assignment corrected	UKAD	09/22/25 23:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/17

Client Sample ID:

Date Analyzed: 09/22/25 19:50

Lab File ID: NS22X17.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	4.49	Peak assignment corrected	UKAD	09/22/25 21:27
Methacrylonitrile	6.71	Peak assignment corrected	UKAD	09/22/25 21:27
Carbon tetrachloride	7.33	Peak assignment corrected	UKAD	09/22/25 21:27
t-Amyl methyl ether	7.79	Peak assignment corrected	UKAD	09/22/25 21:27

Lab Sample ID: IC 410-702728/18

Client Sample ID:

Date Analyzed: 09/22/25 20:10

Lab File ID: NS22X18.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Amyl methyl ether	7.79	Peak assignment corrected	UKAD	09/22/25 21:25
Trichloroethene	8.47	Peak assignment corrected	UKAD	09/22/25 21:26
1,2,3-Trichloropropane	12.48	Peak assignment corrected	UKAD	09/22/25 21:26

Lab Sample ID: ICV 410-702728/20

Client Sample ID:

Date Analyzed: 09/22/25 20:50

Lab File ID: NS22X20.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.27	Incomplete Integration	JS6E	09/23/25 04:26
Methylene Chloride	4.49	Incomplete Integration	JS6E	09/23/25 04:26
n-Hexane	5.35	Incomplete Integration	JS6E	09/23/25 04:26
Methacrylonitrile	6.71	Incomplete Integration	JS6E	09/23/25 04:26
t-Amyl methyl ether	7.78	Incomplete Integration	JS6E	09/23/25 04:27
1,4-Dioxane	8.89	Incomplete Integration	JS6E	09/23/25 04:27
1,2,3-Trichloropropane	12.47	Incomplete Integration	JS6E	09/23/25 04:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/12

Client Sample ID:

Date Analyzed: 09/22/25 22:39

Lab File ID: NS22X22.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.34	Incomplete Integration	JS6E	09/23/25 04:16
Chloroethane	2.80	Incomplete Integration	UKAD	09/22/25 23:14
Trichlorofluoromethane	3.13	Incomplete Integration	UKAD	09/22/25 23:15
Freon 123a	3.50	Incomplete Integration	UKAD	09/22/25 23:15
1,1-Dichloroethene	3.74	Incomplete Integration	UKAD	09/22/25 23:15
Freon 113	3.78	Incomplete Integration	UKAD	09/22/25 23:15
2-Propanol	3.99	Incomplete Integration	JS6E	09/23/25 04:15
Methyl acetate	4.25	Incomplete Integration	JS6E	09/23/25 04:15
Allyl chloride	4.28	Incomplete Integration	UKAD	09/22/25 23:15
Methylene Chloride	4.48	Incomplete Integration	UKAD	09/22/25 23:15
t-Butyl alcohol	4.70	Incomplete Integration	UKAD	09/22/25 23:15
Acrylonitrile	4.85	Incomplete Integration	UKAD	09/22/25 23:15
Methyl tert-butyl ether	4.91	Incomplete Integration	UKAD	09/22/25 23:15
trans-1,2-Dichloroethene	4.92	Incomplete Integration	UKAD	09/22/25 23:15
n-Hexane	5.35	Incomplete Integration	UKAD	09/22/25 23:15
1,1-Dichloroethane	5.59	Incomplete Integration	UKAD	09/22/25 23:16
2-Chloro-1,3-butadiene	5.69	Incomplete Integration	UKAD	09/22/25 23:16
Ethyl t-butyl ether	6.17	Incomplete Integration	UKAD	09/22/25 23:16
2-Butanone (MEK)	6.38	Incomplete Integration	JS6E	09/23/25 04:15
2,2-Dichloropropane	6.43	Incomplete Integration	JS6E	09/23/25 04:15
cis-1,2-Dichloroethene	6.43	Incomplete Integration	JS6E	09/23/25 04:15
Propionitrile	6.48	Incomplete Integration	JS6E	09/23/25 04:15
Methyl acrylate	6.52	Incomplete Integration	JS6E	09/23/25 04:17
Methacrylonitrile	6.70	Incomplete Integration	UKAD	09/22/25 23:16
Bromochloromethane	6.75	Incomplete Integration	JS6E	09/23/25 04:15
Tetrahydrofuran	6.77	Incomplete Integration	JS6E	09/23/25 04:15
Chloroform	6.89	Incomplete Integration	JS6E	09/23/25 04:15
Carbon tetrachloride	7.31	Incomplete Integration	JS6E	09/23/25 04:16
Isobutyl alcohol	7.51	Incomplete Integration	UKAD	09/22/25 23:16

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/12

Client Sample ID:

Date Analyzed: 09/22/25 22:39

Lab File ID: NS22X22.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Benzene	7.59	Incomplete Integration	UKAD	09/22/25 23:16
t-Amyl methyl ether	7.78	Incomplete Integration	UKAD	09/22/25 23:16
Trichloroethene	8.45	Incomplete Integration	JS6E	09/23/25 04:16
1,2-Dichloropropane	8.79	Incomplete Integration	UKAD	09/22/25 23:16
1,4-Dioxane	8.90	Incomplete Integration	JS6E	09/23/25 04:16
2-Chloroethyl vinyl ether	9.48	Incomplete Integration	UKAD	09/22/25 23:16
trans-1,3-Dichloropropene	10.26	Incomplete Integration	UKAD	09/22/25 23:17
1,1,2-Trichloroethane	10.46	Incomplete Integration	UKAD	09/22/25 23:17
1,3-Dichloropropane	10.62	Incomplete Integration	UKAD	09/22/25 23:17
1,2,3-Trichloropropane	12.47	Incomplete Integration	JS6E	09/23/25 04:16
4-Chlorotoluene	12.68	Other	UKEK	09/23/25 09:30
tert-Butylbenzene	12.87	Incomplete Integration	UKAD	09/22/25 23:17
1,4-Dichlorobenzene	13.21	Peak assignment corrected	UKAD	09/22/25 23:14

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/13

Client Sample ID:

Date Analyzed: 09/22/25 22:59

Lab File ID: NS22X23.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.28	Incomplete Integration	JS6E	09/23/25 04:17
Freon 123a	3.52	Incomplete Integration	JS6E	09/23/25 04:18
1,1-Dichloroethene	3.75	Incomplete Integration	JS6E	09/23/25 04:18
Freon 113	3.79	Incomplete Integration	JS6E	09/23/25 04:18
2-Propanol	4.00	Incomplete Integration	JS6E	09/23/25 04:18
Methyl acetate	4.26	Incomplete Integration	JS6E	09/23/25 04:18
Allyl chloride	4.29	Incomplete Integration	JS6E	09/23/25 04:18
Methylene Chloride	4.49	Incomplete Integration	JS6E	09/23/25 04:31
t-Butyl alcohol-d10 (IS)	4.52	Incomplete Integration	JS6E	09/23/25 04:18
t-Butyl alcohol	4.66	Incomplete Integration	JS6E	09/23/25 04:18
trans-1,2-Dichloroethene	4.92	Incomplete Integration	JS6E	09/23/25 04:19
n-Hexane	5.34	Incomplete Integration	JS6E	09/23/25 04:19
1,1-Dichloroethane	5.60	Incomplete Integration	JS6E	09/23/25 04:19
Isopropyl ether	5.66	Incomplete Integration	JS6E	09/23/25 04:19
2-Chloro-1,3-butadiene	5.69	Incomplete Integration	JS6E	09/23/25 04:19
Ethyl t-butyl ether	6.18	Incomplete Integration	JS6E	09/23/25 04:19
2-Butanone (MEK)	6.40	Incomplete Integration	JS6E	09/23/25 04:19
cis-1,2-Dichloroethene	6.42	Incomplete Integration	JS6E	09/23/25 04:20
2,2-Dichloropropane	6.45	Incomplete Integration	JS6E	09/23/25 04:20
Propionitrile	6.50	Incomplete Integration	JS6E	09/23/25 04:20
Methacrylonitrile	6.71	Incomplete Integration	JS6E	09/23/25 04:20
1,1,1-Trichloroethane	7.12	Incomplete Integration	JS6E	09/23/25 04:20
Benzene	7.60	Incomplete Integration	JS6E	09/23/25 04:20
t-Amyl methyl ether	7.77	Incomplete Integration	JS6E	09/23/25 04:20
Trichloroethene	8.47	Incomplete Integration	JS6E	09/23/25 04:20
1,2-Dichloropropane	8.80	Incomplete Integration	JS6E	09/23/25 04:20
1,3-Dichloropropane	10.62	Incomplete Integration	JS6E	09/23/25 04:21
1,2,3-Trichloropropane	12.47	Incomplete Integration	JS6E	09/23/25 04:21
tert-Butylbenzene	12.88	Incomplete Integration	JS6E	09/23/25 04:21

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 702728

Lab Sample ID: IC 410-702728/13

Client Sample ID:

Date Analyzed: 09/22/25 22:59

Lab File ID: NS22X23.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dichlorobenzene	13.21	Incomplete Integration	JS6E	09/23/25 04:22

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 711283

Lab Sample ID: CCVIS 410-711283/3

Client Sample ID:

Date Analyzed: 10/09/25 09:18

Lab File ID: NC09X02.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	4.47	Incomplete Integration	TQ4J	10/09/25 10:08
n-Hexane	5.34	Incomplete Integration	TQ4J	10/09/25 10:08
2,2-Dichloropropane	6.43	Peak assignment corrected	TQ4J	10/09/25 10:08
Methacrylonitrile	6.69	Incomplete Integration	TQ4J	10/09/25 10:08
Isobutyl alcohol	7.48	Peak assignment corrected	TQ4J	10/09/25 10:08

Lab Sample ID: LCS 410-711283/4

Client Sample ID:

Date Analyzed: 10/09/25 09:38

Lab File ID: NC09X03.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethene	3.76	Incomplete Integration	TQ4J	10/09/25 10:48
Methyl tert-butyl ether	4.91	Incomplete Integration	TQ4J	10/09/25 10:49
1,1-Dichloroethane	5.59	Peak assignment corrected	TQ4J	10/09/25 10:49
Trichloroethene	8.46	Peak assignment corrected	TQ4J	10/09/25 10:50
1,2-Dichloropropane	8.80	Incomplete Integration	TQ4J	10/09/25 10:52

Lab Sample ID: LCSD 410-711283/5

Client Sample ID:

Date Analyzed: 10/09/25 09:57

Lab File ID: NC09X04.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	4.48	Peak assignment corrected	TQ4J	10/09/25 10:54
trans-1,2-Dichloroethene	4.90	Incomplete Integration	TQ4J	10/09/25 10:54

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Analysis Batch Number: 711283

Lab Sample ID: 410-244152-10

Client Sample ID: HD-MW-168-0/1-0

Date Analyzed: 10/09/25 15:53

Lab File ID: NC09X19.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	6.90	Incomplete Integration	FQ4L	10/10/25 07:18
Fluorobenzene (IS)	7.99	Incomplete Integration	FQ4L	10/10/25 07:18

Lab Sample ID: 410-244152-11

Client Sample ID: HD-MW-108D-0/1-0

Date Analyzed: 10/09/25 16:13

Lab File ID: NC09X20.D

GC Column: R-624SilMS 30 ID: 0.25 (mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloroform	6.90	Incomplete Integration	FQ4L	10/10/25 07:17
2-Butanone (MEK)		Invalid Compound ID	FQ4L	10/10/25 07:16

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppbEE_00642	08/18/25	08/11/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00240	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_EE_00009	4 uL	Ethyl ether	4.00133 ug/L
					MSV_CCV_GASES_01127	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_VOC#1_00248	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluor oethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L
							1-Chlorohexane	4 ug/L
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L
							Acrylonitrile	10 ug/L
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00250	3.2 uL	Acrolein	39.0352 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
					MSV_V_Acr_Std_00010	0.8 uL	2-Ethylhexyl acrylate	4.00068 ug/L
							n-Butyl acrylate	4.00044 ug/L
							Ethyl acrylate	4.00192 ug/L
							Methyl acrylate	4.00113 ug/L
.MSV_CCV_2CEVE_00240	09/03/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00248	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00248	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
..MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
...MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
.MSV_CCV_GASES_01127	08/18/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_VOC#1_00248	09/10/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00246	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MSV_MegaMix#2_00248	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00246	09/10/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00248	09/10/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00250	08/18/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00241	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
..MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
....MSV_ACROLEIN_00041	08/31/25	Chem Service, Lot 15604100			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00241	04/30/27	Restek, Lot A0210935			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	Acetone	12500 ug/mL
					MSV_MStk_BAc_00007	0.925 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_MAc_00006	1.063 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MAc_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAc_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcry_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_4ppbEE_00647	10/09/25	10/07/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00249	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_EE_00009	4 uL	Ethyl ether	4.00133 ug/L
					MSV_CCV_GASES_01142	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_VOC#1_00256	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluor oethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L
							1-Chlorohexane	4 ug/L
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L
							Acrylonitrile	10 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00258	3.2 uL	Acrolein	39.0332 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
.MSV_CCV_2CEVE_00249	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00254	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00254	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
..MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
...MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
.MSV_CCV_GASES_01142	10/13/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_VOC#1_00256	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00253	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
					MSV_MegaMix#2_00257	1 mL	Trichloroethene	1000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_MegaMIX#1_00253	11/05/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00257	11/05/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00258	10/25/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00247	1 mL	2-Butanone (MEK)	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
...MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
...MSV_ACROLEIN_00045	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00247	02/28/28		Restek, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_4ppbEtoh_00802	09/23/25	09/16/25	DI Water, Lot DI 25118	500 mL	MSV_CCV_2CEVE_00245	2 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	16 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_ETOH_00011	10 uL	Ethanol	249.983 ug/L
					MSV_CCV_GASES_01119	1 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_OH_Sp_00025	2 uL	2-Ethylhexyl acrylate	4.00068 ug/L
							n-Butyl acrylate	4.00044 ug/L
							Ethyl acrylate	4.00192 ug/L
							Methyl acrylate	4.00113 ug/L
					MSV_CCV_VOC#1_00251	2 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-trifluor oethane	4 ug/L
							1,2,3-Trimethylbenzene	4 ug/L
							1,3,5-Trichlorobenzene	4 ug/L
							1,3-Diethylbenzene	4 ug/L
							1,4-Dioxane	50 ug/L
							1-Chlorohexane	4 ug/L
							2-Chloro-1,3-butadiene	4 ug/L
							2-ethoxy-2-methyl butane	4 ug/L
							2-Methyl-2-propanol	20 ug/L
							2-Methylnaphthalene	4 ug/L
							2-Nitropropane	20 ug/L
							3-Chloro-1-propene	4 ug/L

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acrylonitrile	10 ug/L
							Benzyl chloride	4 ug/L
							Carbon disulfide	4 ug/L
							Cyclohexane	4 ug/L
							Ethyl methacrylate	4 ug/L
							Hexane	4 ug/L
							Iodomethane	4 ug/L
							Isobutyl alcohol	50 ug/L
							Isopropyl alcohol	20 ug/L
							Isopropyl ether	4 ug/L
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00253	1.1 uL	Acrolein	26.8353 ug/L
.MSV_CCV_2CEVE_00245	10/15/25	09/15/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00256	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00256	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_ETOH_00011	03/09/26	09/09/25	Methanol, Lot EH471	100 mL	MSV_VETOH_STK_00018	6.423 mL	Ethanol	12499.2 ug/mL
..MSV_VETOH_STK_00018	03/09/26	09/09/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00051	1.946 g	Ethanol	194600 ug/mL
...MSV_EtOH_00051	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g
.MSV_CCV_GASES_01119	09/23/25		Restek, Lot A0225685		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_CCV_OH_Sp_00025	10/02/25	09/02/25	Methanol, Lot EH274	1 mL	MSV_V_Acr_Std_00010	200 uL	Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
							2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
..MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
							2-Ethylhexyl acrylate	5000.86 ug/mL
							n-Butyl acrylate	5000.55 ug/mL
							Ethyl acrylate	5002.4 ug/mL
...MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_BAcr_00007	1.04 mL	Methyl acrylate	5001.42 ug/mL
							2-Ethylhexyl acrylate	80920 ug/mL
							(Purchased Reagent)	1 g/g
							n-Butyl acrylate	54060 ug/mL
							(Purchased Reagent)	1 g/g
...MSV_nButylAcr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcr_00005	0.481 g	Ethyl acrylate	48100 ug/mL
							(Purchased Reagent)	1 g/g
							Ethyl acrylate	47050 ug/mL
							(Purchased Reagent)	1 g/g
							Methyl acrylate	1 g/g
...MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
...MSV_EthylAcr_00005	03/31/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
...MSV_MStk_MAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
...MSV_MethylAcr_00005	01/31/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
.MSV_CCV_VOC#1_00251	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00247	1 mL	2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00255	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00247	10/02/25	Restek, Lot A0224890			(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
..MSV_MegaMix#2_00255	10/02/25	Restek, Lot A0226118			(Purchased Reagent)		Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00253	10/02/25	09/02/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00244	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
...MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
....MSV_ACROLEIN_00045	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00244	02/28/28		Restek, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_2CEVE_00240	09/03/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00248	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00248	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_2CEVE_00247	10/22/25	09/22/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00253	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00253	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_2CEVE_00249	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_V_2CLEVE_00254	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00254	04/30/28		Restek, Lot A0225196		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
.MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
..MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
.MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
..MSV_EE_Neat_00013	06/30/27		Chem Service, Lot 15507600		(Purchased Reagent)		Ethyl ether	1 g/g
MSV_CCV_ETOH_00009	09/11/25	03/11/25	Methanol, Lot EH471	200 mL	MSV_VETOH_STK_00017	8.43 mL	Ethanol	12500 ug/mL
.MSV_VETOH_STK_00017	09/11/25	03/11/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00050	2.9656 g	Ethanol	296560 ug/mL
..MSV_EtOH_00050	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Job No.: 410-244152-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_CCV_ETOH_00011	03/09/26	09/09/25	Methanol, Lot EH471	100 mL	MSV_VETOH_STK_00018	6.423 mL	Ethanol	12499.2 ug/mL
.MSV_VETOH_STK_00018	03/09/26	09/09/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00051	1.946 g	Ethanol	194600 ug/mL
..MSV_EtOH_00051	01/31/30	Chem Service, Lot 15122500			(Purchased Reagent)		Ethanol	1 g/g
MSV_CCV_GASES_01121	09/29/25	Restek, Lot A0225685			(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01127	08/18/25	Restek, Lot A0225685			(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01142	10/13/25	Restek, Lot A0225685			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01144	10/14/25	Restek, Lot A0225685			(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_LKB_00013	09/06/25	03/06/25	Methanol, Lot EH471	50 mL	MSV_V234TCB_S_00009	4.897 mL	2,3,4-Trichlorobutene	999.576 ug/mL
					MSV_V34D1B_SK_00015	0.825 mL	3,4-Dichloro-1-butene	999.735 ug/mL
					MSV_Vc14d_STK_00013	1.274 mL	cis-1,4-Dichloro-2-butene	999.708 ug/mL
.MSV_V234TCB_S_00009	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_2,3,4TCB_00013	0.108 g	2,3,4-Trichlorobutene	10206 ug/mL
..MSV_2,3,4TCB_00013	07/31/27	Chem Service, Lot 15568600			(Purchased Reagent)		2,3,4-Trichlorobutene	0.945 g/g
.MSV_V34D1B_SK_00015	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_3,4DC1Be_00003	0.6059 g	3,4-Dichloro-1-butene	60590 ug/mL
..MSV_3,4DC1Be_00003	08/22/27	TCI, Lot W3RMJ			(Purchased Reagent)		3,4-Dichloro-1-butene	1 g/g
.MSV_Vc14d_STK_00013	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_c14dcb_Nt_00004	0.413 g	cis-1,4-Dichloro-2-butene	39235 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_c14dcb_Nt_00004	08/16/27		Aldrich, Lot SHBH4584V		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_CCV_LKB_00014	03/03/26	09/03/25	Methanol, Lot EH471	50 mL	MSV_V234TCB_S_00010	4.878 mL	2,3,4-Trichlorobutene	1000.31 ug/mL
					MSV_V34D1B_SK_00016	0.592 mL	3,4-Dichloro-1-butene	1000.48 ug/mL
					MSV_Vc14d_STK_00014	1.259 mL	cis-1,4-Dichloro-2-butene	999.898 ug/mL
..MSV_V234TCB_S_00010	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV_2,3,4TCB_00019	0.1085 g	2,3,4-Trichlorobutene	10253.3 ug/mL
..MSV_2,3,4TCB_00019	07/31/27		Chem Service, Lot 15568600		(Purchased Reagent)		2,3,4-Trichlorobutene	0.945 g/g
..MSV_V34D1B_SK_00016	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV_3,4DC1Be_00003	0.845 g	3,4-Dichloro-1-butene	84500 ug/mL
..MSV_3,4DC1Be_00003	08/22/27		TCI, Lot W3RMJ		(Purchased Reagent)		3,4-Dichloro-1-butene	1 g/g
..MSV_Vc14d_STK_00014	03/03/26	09/03/25	Methanol, Lot EH471	10 mL	MSV_c14dcb_Nt_00005	0.418 g	cis-1,4-Dichloro-2-butene	39710 ug/mL
..MSV_c14dcb_Nt_00005	08/16/27		Aldrich, Lot SHBH4584V		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_CCV_OH_Sp_00023	08/27/25	07/28/25	Methanol, Lot EH274	1 mL	MSV_V_Acr_Std_00010	200 uL	2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
							Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
..MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BACr_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MACr_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BACr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcr_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcr_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MACr_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_OH_Sp_00026	10/22/25	09/22/25	Methanol, Lot EH274	1 mL	MSV_V_Acr_Std_00010	200 uL	2-Ethylhexyl acrylate	1000.17 ug/mL
							n-Butyl acrylate	1000.11 ug/mL
							Ethyl acrylate	1000.48 ug/mL
							Methyl acrylate	1000.28 ug/mL
..MSV_V_Acr_Std_00010	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00006	0.618 mL	2-Ethylhexyl acrylate	5000.86 ug/mL
					MSV_MStk_BACr_00007	0.925 mL	n-Butyl acrylate	5000.55 ug/mL
					MSV_MStk_EtAc_00006	1.04 mL	Ethyl acrylate	5002.4 ug/mL
					MSV_MStk_MACr_00006	1.063 mL	Methyl acrylate	5001.42 ug/mL
..MSV_MStk_2E6A_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.8092 g	2-Ethylhexyl acrylate	80920 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BACr_00007	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00007	0.5406 g	n-Butyl acrylate	54060 ug/mL
...MSV_nButylAcr_00007	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcr_00005	0.481 g	Ethyl acrylate	48100 ug/mL
...MSV_EthylAcr_00005	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MACr_00006	01/07/26	07/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00005	0.4705 g	Methyl acrylate	47050 ug/mL
...MSV_MethylAcr_00005	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_Penta_00069	08/22/25	07/24/25	Methanol, Lot EJ274	1 mL	MSV_V_PentaCL_00054	200 uL	Pentachloroethane	1000 ug/mL
..MSV_V_PentaCL_00054	08/22/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_CCV_Penta_00072	10/18/25	09/22/25	Methanol, Lot EJ274	1 mL	MSV_V_PentaCL_00075	200 uL	Pentachloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV V PentaCL 00075	10/18/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_CCV_V5ACE_00051	08/12/25	07/13/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00087	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
							Isopropyl acetate	1000 ug/mL
							n-Butyl acetate	1000 ug/mL
							n-Propyl acetate	1000 ug/mL
.MSV_AcetatesV_00087	11/30/25		Restek, Lot A0211993		(Purchased Reagent)		Vinyl acetate	1000 ug/mL
							Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
							n-Butyl acetate	10000 ug/mL
MSV_CCV_V5ACE_00054	10/10/25	09/10/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00095	1 mL	n-Propyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
							Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
.MSV_AcetatesV_00095	11/30/26		Restek, Lot A0225816		(Purchased Reagent)		n-Butyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
							Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
MSV_CCV_VOC#1_00248	09/10/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00246	1 mL	n-Propyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
							1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00248	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
trans-1,4-Dichloro-2-butene	2500 ug/mL							
.MSV_MegaMIX#1_00246	09/10/25	Restek, Lot A0224890			(Purchased Reagent)	1,1,1,2-Tetrachloroethane	5000 ug/mL	
						1,1,1-Trichloroethane	5000 ug/mL	
						1,1,2,2-Tetrachloroethane	5000 ug/mL	
						1,1,2-Trichloroethane	5000 ug/mL	
						1,1-Dichloroethane	5000 ug/mL	
						1,1-Dichloroethene	5000 ug/mL	
						1,1-Dichloropropene	5000 ug/mL	
						1,2,3-Trichlorobenzene	5000 ug/mL	
						1,2,3-Trichloropropane	5000 ug/mL	
						1,2,4-Trichlorobenzene	5000 ug/mL	
						1,2,4-Trimethylbenzene	5000 ug/mL	
						1,2-Dibromo-3-Chloropropane	5000 ug/mL	
						1,2-Dibromoethane (EDB)	5000 ug/mL	
						1,2-Dichlorobenzene	5000 ug/mL	
						1,2-Dichloroethane	5000 ug/mL	
						1,2-Dichloropropane	5000 ug/mL	
						1,3,5-Trimethylbenzene	5000 ug/mL	
						1,3-Dichlorobenzene	5000 ug/mL	
						1,3-Dichloropropane	5000 ug/mL	
						1,4-Dichlorobenzene	5000 ug/mL	
						2,2-Dichloropropane	5000 ug/mL	
						2-Chlorotoluene	5000 ug/mL	

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00248	09/10/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluor oethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_ccv_voc#1_00254	10/22/25	09/22/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00251	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00253	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00251	10/22/25		Restek, Lot A0224890		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00253	10/22/25		Restek, Lot A0226118		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_ccv_voc#1_00256	11/05/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_MegaMIX#1_00253	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
					MSV_MegaMix#2_00257	1 mL	Trichloroethene	1000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
.MSV_MegaMIX#1_00253	11/05/25		Restek, Lot A0224890		(Purchased Reagent)		trans-1,4-Dichloro-2-butene	2500 ug/mL
							1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
.MSV_MegaMix#2_00257	11/05/25		Restek, Lot A0226118		(Purchased Reagent)		trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
							1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_CCV_VOC#3_00250	08/18/25	08/11/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00241	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
..MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
...MSV_ACROLEIN_00041	08/31/25	Chem Service, Lot 15604100			(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00241	04/30/27	Restek, Lot A0210935			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00256	10/22/25	09/22/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00249	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
..MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL
...MSV_ACROLEIN_00045	07/31/27	Chem Service, Lot 16318500			(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00249	02/28/28	Restek, Lot A0222253			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00258	10/25/25	10/06/25	Methanol, Lot EJ274	5 mL	MSV_CCV_ACR_00030	0.5 mL	Acrolein	12197.9 ug/mL
					MSV_V_Ketones_00247	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00030	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00050	8.992 mL	Acrolein	121979 ug/mL
..MSV_VACR_STK_00050	10/25/25	08/26/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00045	1.4602 g	Acrolein	135653 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
...MSV ACROLEIN 00045	07/31/27		Chem Service, Lot 16318500		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00247	02/28/28		Restek, Lot A0222253		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_Cent_ISO_00011	08/28/25	03/17/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00672	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00672	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISO_00012	02/24/26	09/02/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00837	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00837	02/24/26		Restek, Lot A0211699		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00041	11/19/25	05/19/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01417	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					MSV_Cus826_IS_00729	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_8260_SS_01417	10/31/29		Restek, Lot A0217887		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.MSV_Cus826_IS_00729	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00043	12/29/25	06/29/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00750	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00750	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_Cent_ISSS_00043	12/29/25	06/29/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01487	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.MSV_8260_SS_01487	10/31/29	Restek, Lot A0217887			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_Cent_ISSS_00044	12/29/25	07/25/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01475	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					MSV_Cus826_IS_00816	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_8260_SS_01475	01/25/26	Restek, Lot A0217887			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.MSV_Cus826_IS_00816	01/25/26	Restek, Lot A0211699			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00045	02/28/26	08/29/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00834	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00834	05/31/27	Restek, Lot A0211699			(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_ISSS_00045	02/28/26	08/29/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01524	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
.MSV_8260_SS_01524	01/31/30	Restek, Lot A0221454			(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_LCS_Gases_00263	08/18/25	08/11/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00308	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00308	08/18/25	Restek, Lot A0211460			(Purchased Reagent)		Bromomethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_Gases_00271	10/13/25	10/06/25	Methanol, Lot EJ274	25 mL	MSV_QC_2K_GAS_00325	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00325	10/13/25		Restek, Lot A0225328		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_VOC#1_00233	09/10/25	08/11/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00282	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL
							Chloroform	40 ug/mL
							cis-1,2-Dichloroethene	40 ug/mL
							cis-1,3-Dichloropropene	40 ug/mL
							Dibromochloromethane	40 ug/mL
							Ethylbenzene	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
							trans-1,3-Dichloropropene	40 ug/mL
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00286	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00294	1 mL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00282	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
.MSV_M_MIX2SEC_00286	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
.MSV_Q_Ketones_00294	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		Trichloroethene	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							2-Butanone (MEK)	12500 ug/mL
MSV_LCS_VOC#1_00239	10/22/25	09/22/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00288	1 mL	2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
							1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
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Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration					
					Reagent ID	Volume Added							
							Chloroform	40 ug/mL					
							cis-1,2-Dichloroethene	40 ug/mL					
							cis-1,3-Dichloropropene	40 ug/mL					
							Dibromochloromethane	40 ug/mL					
							Ethylbenzene	40 ug/mL					
							Methylene Chloride	40 ug/mL					
							Styrene	40 ug/mL					
							Tetrachloroethene	40 ug/mL					
							Toluene	40 ug/mL					
							trans-1,2-Dichloroethene	40 ug/mL					
					trans-1,3-Dichloropropene	40 ug/mL							
					Trichloroethene	40 ug/mL							
					MSV_M_MIX2SEC_00292	1 mL	Carbon disulfide	40 ug/mL					
					MSV_Q_Ketones_00301	1 mL	Methyl tert-butyl ether	40 ug/mL					
							2-Butanone (MEK)	500 ug/mL					
2-Hexanone	500 ug/mL												
							4-Methyl-2-pentanone (MIBK)	500 ug/mL					
							Acetone	500 ug/mL					
							.MSV_M_MIX1SEC_00288	12/31/27	Restek, Lot A0225025		(Purchased Reagent)	1,1,1,2-Tetrachloroethane	1000 ug/mL
												1,1,1-Trichloroethane	1000 ug/mL
												1,1,2,2-Tetrachloroethane	1000 ug/mL
												1,1,2-Trichloroethane	1000 ug/mL
												1,1-Dichloroethane	1000 ug/mL
												1,1-Dichloroethene	1000 ug/mL
												1,2-Dibromoethane (EDB)	1000 ug/mL
												1,2-Dichloroethane	1000 ug/mL
												1,2-Dichloropropane	1000 ug/mL
												Benzene	1000 ug/mL
												Bromochloromethane	1000 ug/mL
												Bromodichloromethane	1000 ug/mL
												Bromoform	1000 ug/mL
Carbon tetrachloride	1000 ug/mL												
Chlorobenzene	1000 ug/mL												
Chloroform	1000 ug/mL												
cis-1,2-Dichloroethene	1000 ug/mL												
cis-1,3-Dichloropropene	1000 ug/mL												
Dibromochloromethane	1000 ug/mL												
Ethylbenzene	1000 ug/mL												
Methylene Chloride	1000 ug/mL												
Styrene	1000 ug/mL												
Tetrachloroethene	1000 ug/mL												
Toluene	1000 ug/mL												
trans-1,2-Dichloroethene	1000 ug/mL												
trans-1,3-Dichloropropene	1000 ug/mL												
Trichloroethene	1000 ug/mL												
.MSV M MIX2SEC 00292	05/31/28		Restek, Lot A0225702		(Purchased Reagent)	Carbon disulfide	1000 ug/mL						

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00301	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00243	11/13/25	10/06/25	Methanol, Lot EJ274	25 mL	MSV_M_MIX1SEC_00286	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-Dibromoethane (EDB)	40 ug/mL
							1,2-Dichloroethane	40 ug/mL
							1,2-Dichloropropane	40 ug/mL
							Benzene	40 ug/mL
							Bromochloromethane	40 ug/mL
							Bromodichloromethane	40 ug/mL
							Bromoform	40 ug/mL
							Carbon tetrachloride	40 ug/mL
							Chlorobenzene	40 ug/mL
							Chloroform	40 ug/mL
							cis-1,2-Dichloroethene	40 ug/mL
							cis-1,3-Dichloropropene	40 ug/mL
							Dibromochloromethane	40 ug/mL
							Ethylbenzene	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
							trans-1,3-Dichloropropene	40 ug/mL
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00297	1 mL	Carbon disulfide	40 ug/mL
					MSV_Q_Ketones_00302	1 mL	Methyl tert-butyl ether	40 ug/mL
							2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00286	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00297	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00302	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_QC_2K_GAS_00316	09/29/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_V_BFB_00019							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	
							Total Diethylbenzene	
							Xylenes, Total	
.MSV_VBFB_STK_00014	11/22/25	05/22/25	Methanol, Lot EH471	10 mL	MSV_VBFB_STK_00014	0.246 mL	BFB	49.9183 ug/mL
..MSV_4BFB_NEAT_00013	06/30/29		Chem Service, Lot 16054300		MSV_4BFB_NEAT_00013	0.5073 g	BFB	50730 ug/mL
					(Purchased Reagent)		BFB	1 g/g
MSV_V_SMFreon_00052	10/10/25		Restek, Lot A0197864		(Purchased Reagent)		2-Chloro-1,1,1-Trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL
MSV_V_SMFreon_00054	09/08/25		Restek, Lot A0197864		(Purchased Reagent)		2-Chloro-1,1,1-Trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL

REAGENT TRACEABILITY SUMMARY

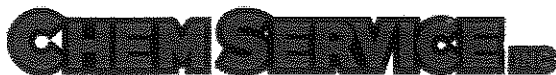
Lab Name: Eurofins Lancaster Laboratories Environment Job No.: 410-244152-1
Testing, LLC

SDG No.: _____

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chlorotrifluoroethene	2000 ug/mL

Reagent

MSV_2,3,4TCB_00013



660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

2,3,4-Trichlorobutene

CATALOG NUMBER N-14214-100MG
LOT NUMBER 15568600
DATE CERTIFIED 07/25/24
EXPIRATION DATE 07/31/27
CAS NUMBER 2431-50-7
MOLECULAR FORMULA C₄H₅Cl₃
MOLECULAR WEIGHT 159.4
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet.
INTENDED USE For laboratory use only.

Analytical Test	Value
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
% PURITY (GC/FID)	94.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Alan Murray

COA Form
Revision 5.0 (10/23)



Chem Service, Inc. is accredited
to ISO/IEC 17025:2017,
ISO 17034:2016 and
certified to ISO 9001:2015

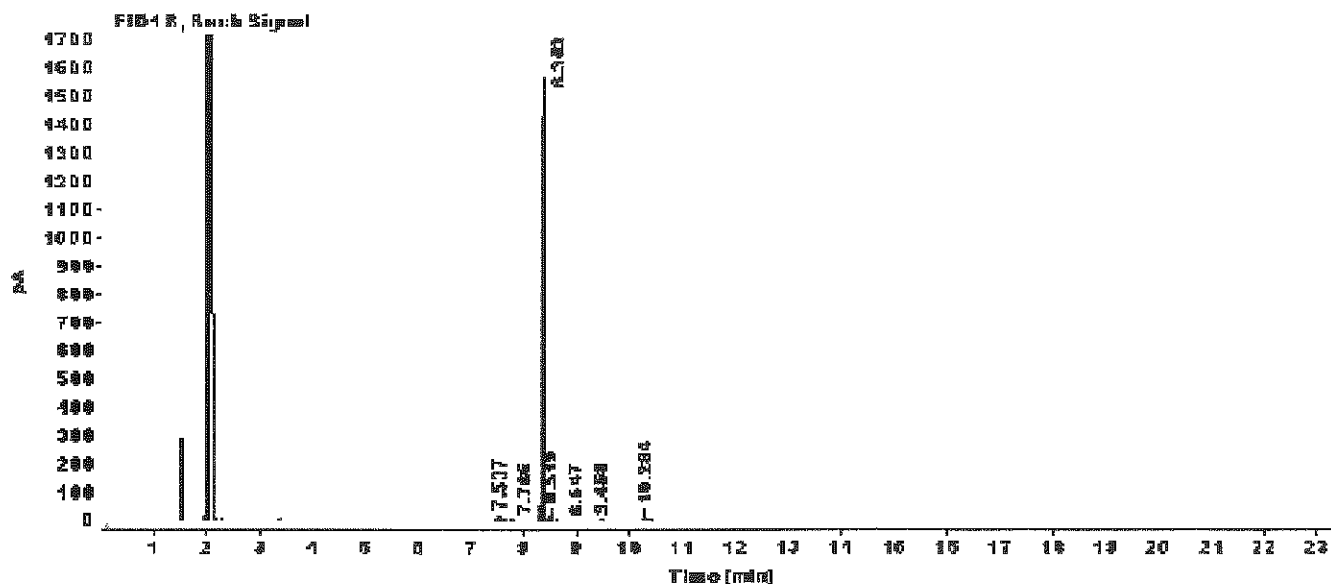
Print Date: 08/06/24

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info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2023\DATA\1223\W-14214 16.D
 Sample name: N-14214
 Acq. method: FRANNY-BACK.M
 Instrument: GC3 Location: 202
 Injection date: 7/25/2024 12:07:50 PM Injection Vol: 1.000
 Column name: RTX-5MS (30m x 0.25mm x 0.5µm) # Of injections: 1



Signal: FID1 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
7.537	BB	0.0220	29.1728	21.2587	0.8943
7.786	BB	0.0222	8.1247	5.8468	0.2491
8.383	BB	0.0313	3082.4051	1543.4288	94.4035
8.519	BB	0.0229	70.6511	48.8153	2.1858
8.647	BV	0.0224	4.7303	3.3591	0.1450
9.468	BB	0.0215	9.6139	6.7867	0.2947
10.284	BB	0.0232	57.3349	38.7965	1.7576
Sum			3262.1227		



Chem Service, Inc. is accredited
 to ISO/IEC 17025:2017,
 ISO 17034:2016 and
 certified to ISO 9001:2015

Reagent

MSV_2,3,4TCB_00019



660 Tower Lane • P.O. Box 599 • West Chester, PA 19381-0599
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

2,3,4-Trichlorobutene

CATALOG NUMBER N-14214-100MG
LOT NUMBER 15568600
DATE CERTIFIED 07/25/24
EXPIRATION DATE 07/31/27
CAS NUMBER 2431-50-7
MOLECULAR FORMULA C₄H₅Cl₃
MOLECULAR WEIGHT 159.4
STORAGE Store at room temperature (20 - 25 °C).
HANDLING See Safety Data Sheet.
INTENDED USE For laboratory use only.

Analytical Test	Value
FT-IR SPECTROSCOPY	CONFORMS TO STRUCTURE
% PURITY (GC/FID)	94.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:

Alan Murray

COA Form
Revision 5.0 (10/23)



Chem Service, Inc. is accredited
to ISO/IEC 17025:2017,
ISO 17034:2016 and
certified to ISO 9001:2015

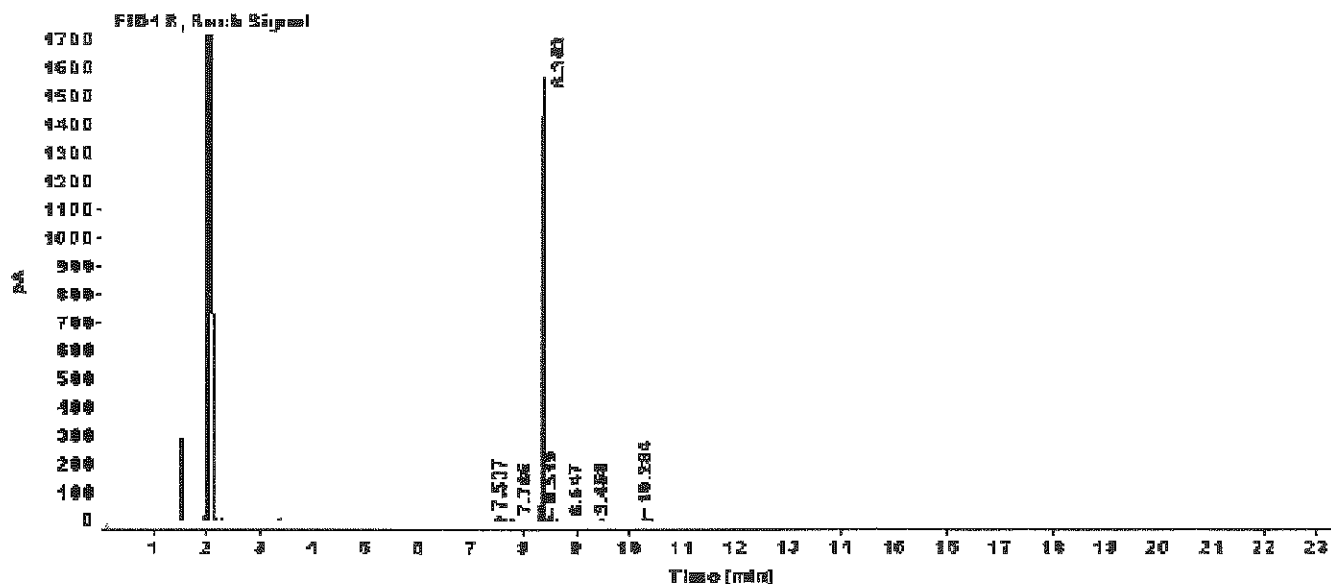
Print Date: 08/06/24

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info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2023\DATA\1223\W-14214 16.D
 Sample name: N-14214
 Acq. method: FRANNY-BACK.M
 Instrument: GC3 Location: 202
 Injection date: 7/25/2024 12:07:50 PM Injection Vol: 1.000
 Column name: RTX-5MS (30m x 0.25mm x 0.5µm) # Of injections: 1



Signal: FID1 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
7.537	BB	0.0220	29.1728	21.2587	0.8943
7.786	BB	0.0222	8.1247	5.8468	0.2491
8.383	BB	0.0313	3082.4051	1543.4288	94.4035
8.519	BB	0.0229	70.6511	48.8153	2.1858
8.647	BV	0.0224	4.7303	3.3591	0.1450
9.468	BB	0.0215	9.6139	6.7867	0.2947
10.284	BB	0.0232	57.3349	38.7965	1.7576
Sum			3262.1227		



Chem Service, Inc. is accredited
 to ISO/IEC 17025:2017,
 ISO 17034:2016 and
 certified to ISO 9001:2015

Reagent

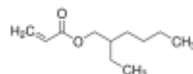
MSV_2Eth6Acry_00001

Certificate of Analysis

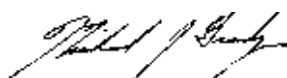
Product Name:

2-Ethylhexyl acrylate - 98%, contains ≥ 0.001 – $\leq 0.11\%$ monomethyl ether hydroquinone as stabilizer

Product Number: 290815
Batch Number: MKCN1302
Brand: ALDRICH
CAS Number: 103-11-7
MDL Number: MFCD00009495
Formula: C₁₁H₂₀O₂
Formula Weight: 184.28 g/mol
Quality Release Date: 01 SEP 2020



Test	Specification	Result
Appearance (Color)	Colorless	Colorless
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	$\geq 97.5\%$	99.6 %
Stabilizer	0.001 - 0.110 %	0.002 %
Monomethyl Ether Hydroquinone (MEHQ)		



Michael Grady, Manager
Quality Control
Milwaukee, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.



Reagent

MSV_3,4DC1Be_00003



Certificate of Analysis

08/23/2022(JST)

TOKYO CHEMICAL INDUSTRY CO.,LTD.
4-10-1 Nihonbashi-Honcho, Chuo-ku, Tokyo 103-0023 Japan

Chemical Name: 3,4-Dichloro-1-butene		
Product Number: D1072 CAS RN: 760-23-6	Lot: W3RMJ	

Tests	Results	Specifications
Appearance	Colorless clear liquid	Colorless to Almost colorless clear liquid
Purity(GC)	99.6 %	min. 98.0 %

TCI Lot numbers are 4-5 characters in length. Characters listed after the first 4-5 characters are control numbers for internal purpose only.
The contents of the specifications are subject to change without advance notice. The specification values displayed here are the most up to date values. There may be cases where the product labels display a different specification, however, the product quality still meets the latest specification.

Customer Service:

TCI AMERICA
Tel: +1-800-423-8616 / +1-503-283-1681
Fax: +1-888-520-1075 / +1-503-283-1987
E-mail: Sales-US@TCIchemicals.com

Takuya Nishioka
Quality Assurance Department Manager

Reagent

MSV_8260_SS_01417



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30240 **Lot No.:** A0217887
Description : 8260A Surrogate Mix
8260A Surrogate Mix 2,500µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : October 31, 2029 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,515.3 µg/mL	+/- 141.2958
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,504.3 µg/mL	+/- 140.6779
3	Toluene-d8	2037-26-5	PR-34141	99%	2,513.8 µg/mL	+/- 141.2116
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,517.3 µg/mL	+/- 141.4082

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

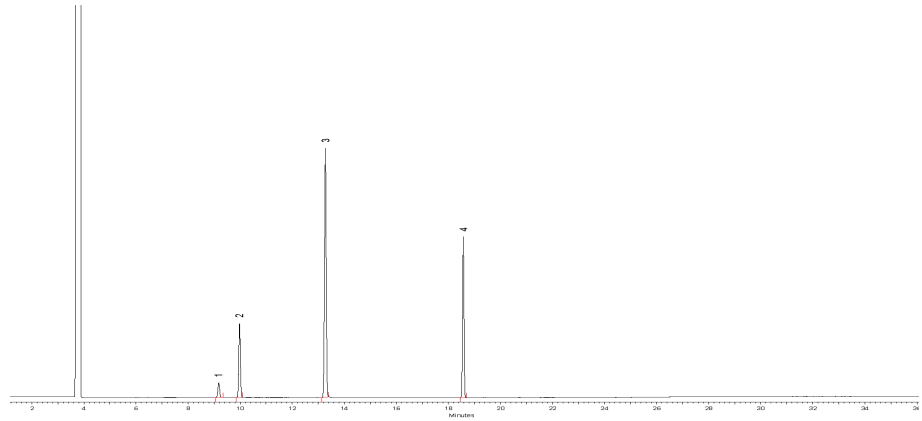
FID

Split Vent:

40 ml/min

Inj. Vol

1µl

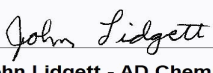


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995


John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_8260_SS_01475



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30240 **Lot No.:** A0217887

Description : 8260A Surrogate Mix
8260A Surrogate Mix 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,515.3 µg/mL	+/- 141.2958
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,504.3 µg/mL	+/- 140.6779
3	Toluene-d8	2037-26-5	PR-34141	99%	2,513.8 µg/mL	+/- 141.2116
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,517.3 µg/mL	+/- 141.4082

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

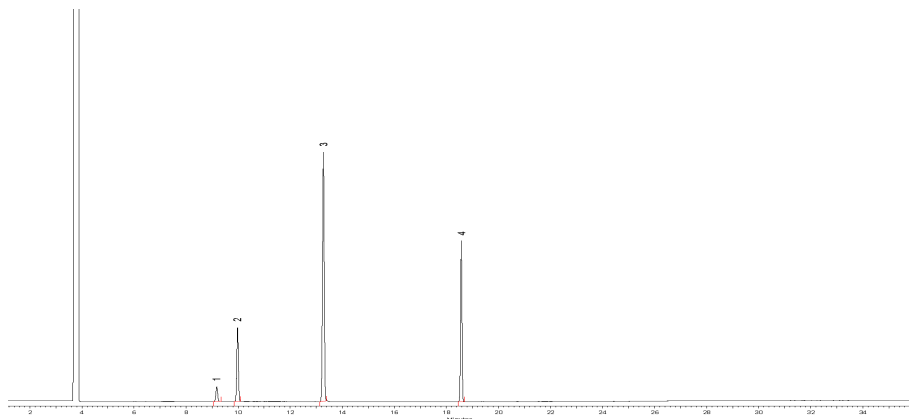
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995

John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_8260_SS_01487



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 30240 **Lot No.:** A0217887

Description : 8260A Surrogate Mix
8260A Surrogate Mix 2,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,515.3 µg/mL	+/- 141.2958
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,504.3 µg/mL	+/- 140.6779
3	Toluene-d8	2037-26-5	PR-34141	99%	2,513.8 µg/mL	+/- 141.2116
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000268853	99%	2,517.3 µg/mL	+/- 141.4082

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

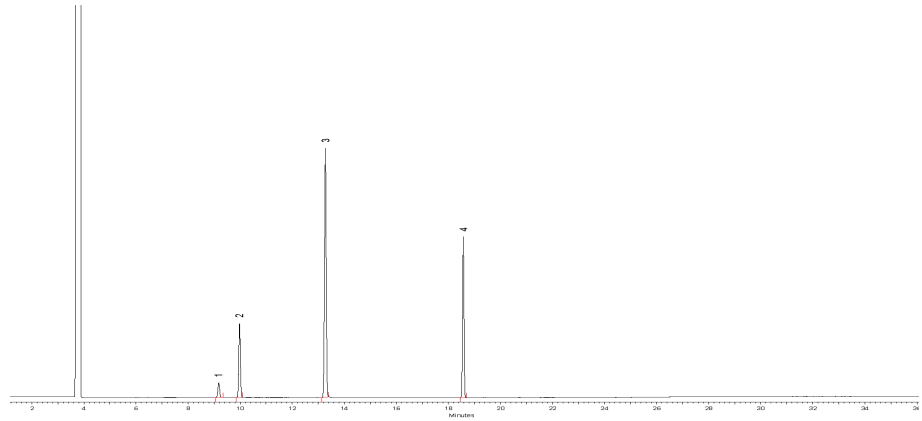
FID

Split Vent:

40 ml/min

Inj. Vol

1µl

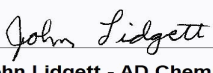


This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024

Balance Serial # B251644995


John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_AcetatesV_00087



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577489 **Lot No.:** A0211993

Description : Custom Acetates Standard

Custom Acetates Standard 10,000-50,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : November 30, 2025 **Storage:** -20°C or colder

Ship: On Ice

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetonitrile	75-05-8	SHBR1054	99%	50,320.0 µg/mL	+/- 898.1594
2	Vinyl acetate	108-05-4	RD240423RSR	99%	10,060.0 µg/mL	+/- 179.6046
3	Ethyl acetate	141-78-6	SHBQ9682	99%	10,070.0 µg/mL	+/- 179.7831
4	Isopropyl acetate	108-21-4	BCCG7069	99%	10,076.7 µg/mL	+/- 179.9021
5	Propyl acetate	109-60-4	P8XLN	99%	10,070.0 µg/mL	+/- 179.7831
6	Butyl acetate	123-86-4	SHBR2024	99%	10,060.0 µg/mL	+/- 179.6046

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Vinyl acetate is a volatile organic ester included in the target lists of several US EPA and other methods. Under acidic conditions, esters react with alcohols to form new esters (transesterification). Methanol-based mixes containing halogenated compounds are slightly acidic, so it is important to minimize exposure of vinyl acetate to mixes of halogenated compounds in methanol. For this reason, we offer vinyl acetate in individual solution, and suggest that it be introduced into the working level calibration solution

immediately before use. This will minimize problems and ensure more consistent results.

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

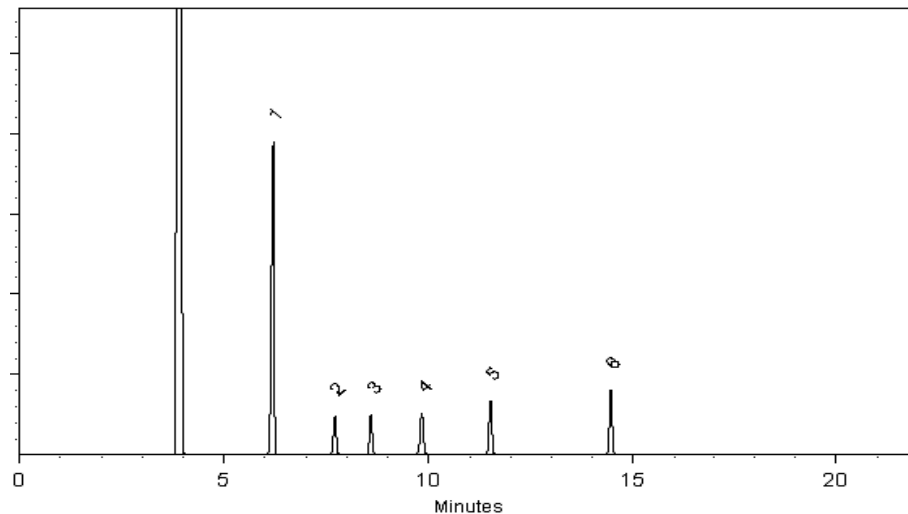
FID

Split Vent:

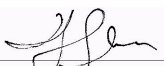
40 ml/min

Inj. Vol

0.2µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Tom Suckar - Mix Technician

Date Mixed: 24-May-2024 Balance Serial # B442140311


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 04-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.



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This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577488 **Lot No.:** A0212054

Description : Custom Gases Standard
Custom Gases Standard 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8	00022922	99%	2,016.7 µg/mL	+/- 114.0219
2	Chloromethane (methyl chloride)	74-87-3	SHBP8835	99%	2,015.3 µg/mL	+/- 115.0747
3	Vinyl chloride	75-01-4	00015559	99%	2,015.3 µg/mL	+/- 115.4962
4	1,3-Butadiene	106-99-0	00019375	99%	2,020.7 µg/mL	+/- 114.1301
5	Bromomethane (methyl bromide)	74-83-9	00017022	99%	2,025.3 µg/mL	+/- 114.3368
6	Chloroethane (ethyl chloride)	75-00-3	107-401039114-1	99%	2,023.4 µg/mL	+/- 114.7120
7	Dichlorofluoromethane (CFC-21)	75-43-4	14485600	90%	2,019.6 µg/mL	+/- 113.4524
8	Trichlorofluoromethane (CFC-11)	75-69-4	MKCJ8658	99%	2,020.0 µg/mL	+/- 113.4748
9	1,2-Dichloro-1,1,2-trifluoroethane (CFC-123a)	354-23-4	877500	99%	2,021.2 µg/mL	+/- 114.0989

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Tech Tips:

Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

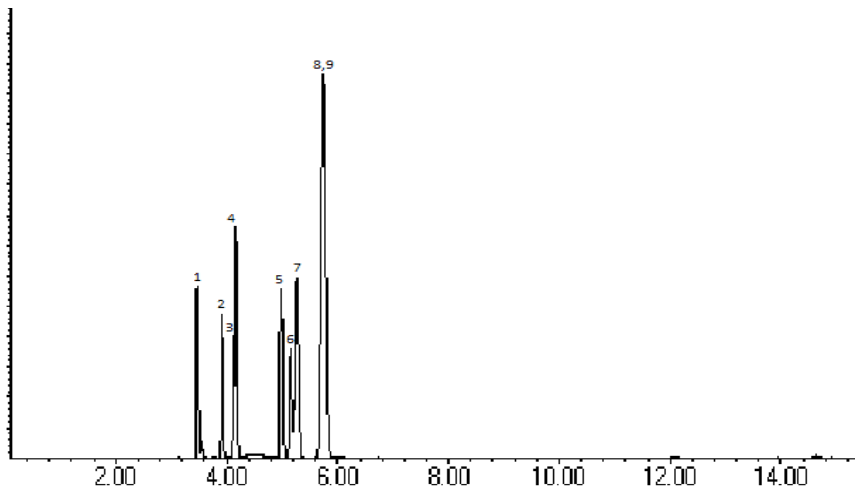
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Brittany Federinko - Operations Tech I

Date Mixed: 28-May-2024

Balance Serial # B251644995

Dillan Murphy - Operations Technician I

Date Passed: 03-Jun-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_c14dcb_Nt_00004

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

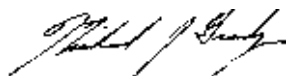
Product Name:

cis-1,4-Dichloro-2-butene - 95%

Product Number: 195707
Batch Number: SHBH4584V
Brand: ALDRICH
CAS Number: 1476-11-5
MDL Number: MFCD00062950
Formula: C₄H₆Cl₂
Formula Weight: 125.00 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 30 AUG 2016



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Very Faint Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 94.5 %	98.0 %



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

MSV_c14dcb_Nt_00005

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Certificate of Analysis

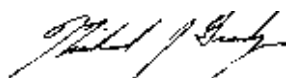
Product Name:

cis-1,4-Dichloro-2-butene - 95%

Product Number: 195707
Batch Number: SHBH4584V
Brand: ALDRICH
CAS Number: 1476-11-5
MDL Number: MFCD00062950
Formula: C₄H₆Cl₂
Formula Weight: 125.00 g/mol
Storage Temperature: Store at 2 - 8 °C
Quality Release Date: 30 AUG 2016



Test	Specification	Result
Appearance (Color)	Colorless to Light Yellow	Very Faint Yellow
Appearance (Form)	Liquid	Liquid
Infrared Spectrum	Conforms to Structure	Conforms
Purity (GC)	≥ 94.5 %	98.0 %



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

Reagent

MSV_Cus826_IS_00672



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

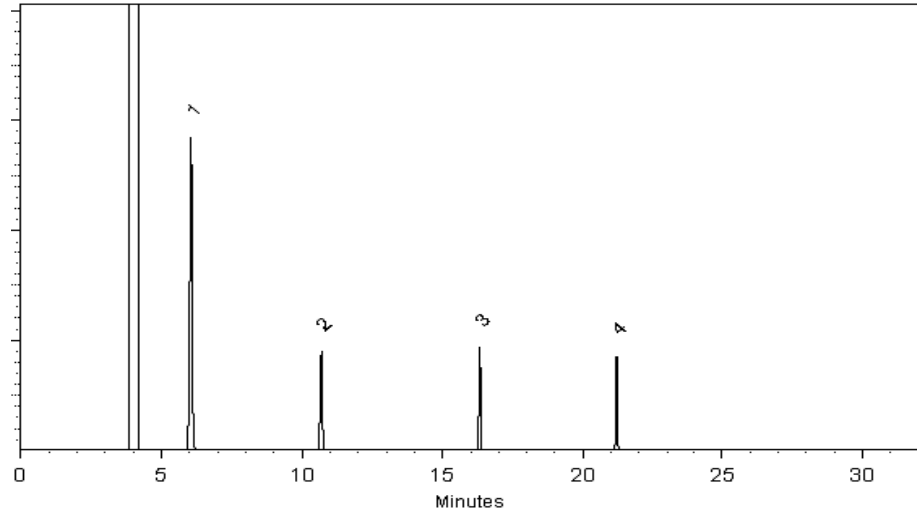
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00729



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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

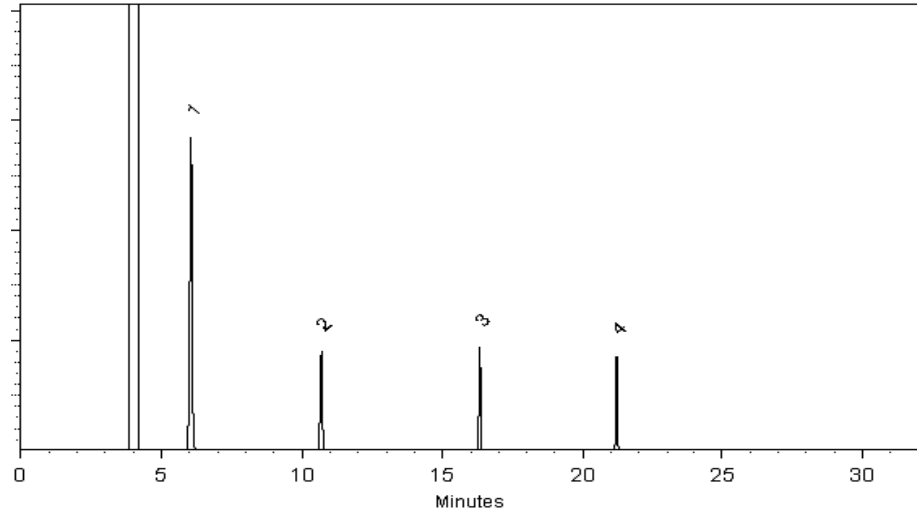
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00750



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0203141

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : October 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,504.0 µg/mL	+/- 155.5359
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,503.5 µg/mL	+/- 31.1565
3	Chlorobenzene-d5	3114-55-4	PR-29571	99%	2,502.0 µg/mL	+/- 31.1378
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,504.5 µg/mL	+/- 31.1689

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

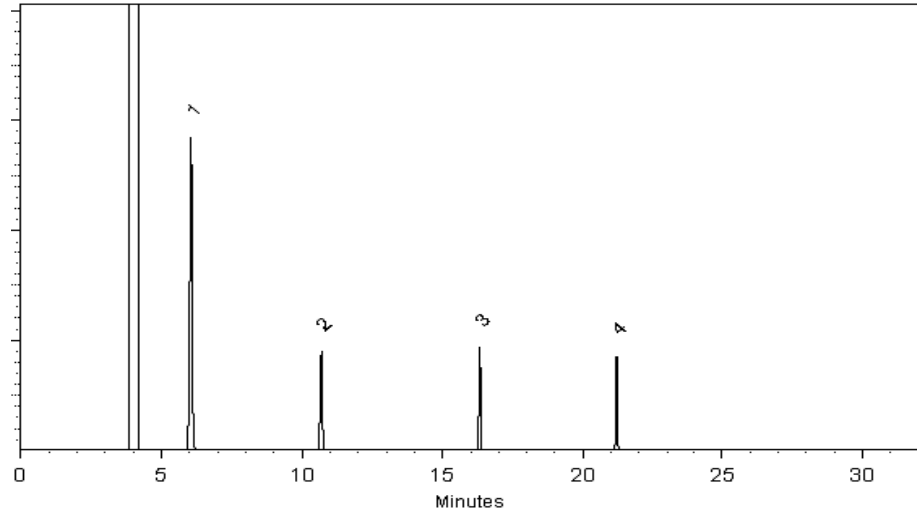
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023

Balance Serial # B707717271


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00816



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699
Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul
Container Size : 2 mL **Pkg Amt:** > 1 mL
Expiration Date : May 31, 2027 **Storage:** 0°C or colder
Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

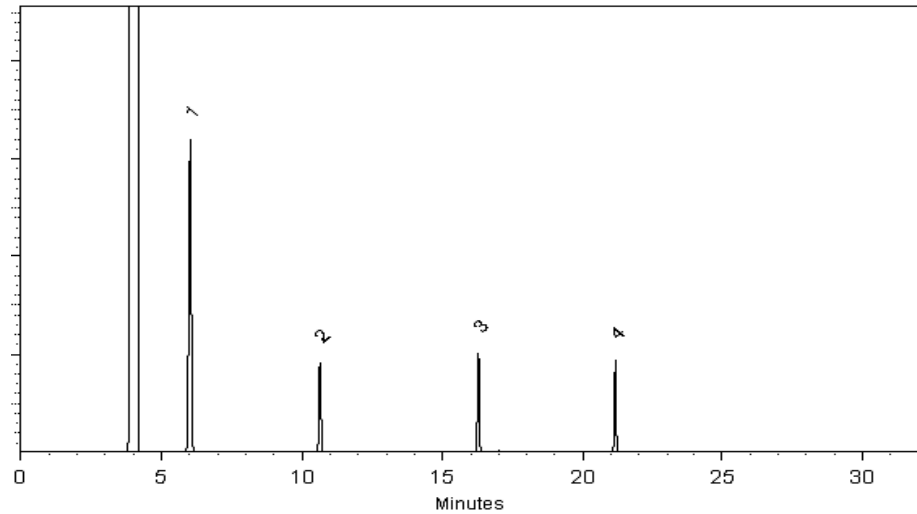
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00834



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

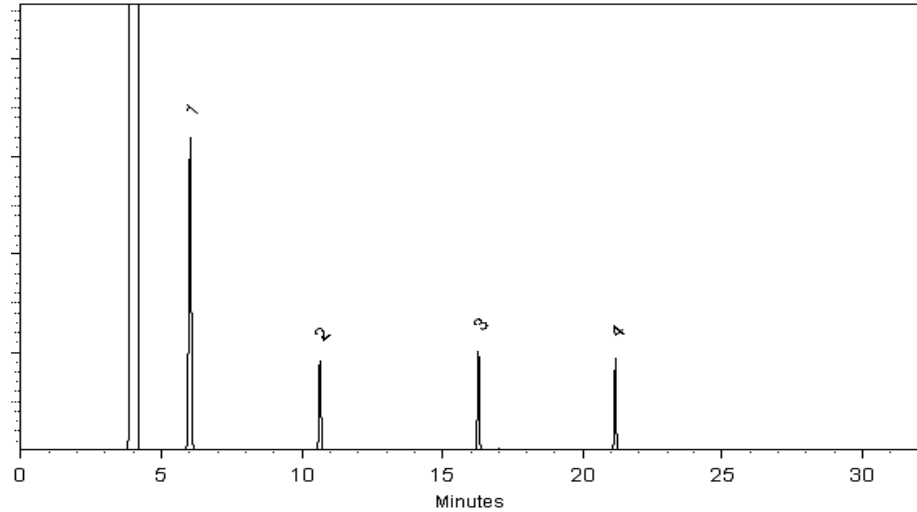
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_Cus826_IS_00837



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 558267 **Lot No.:** A0211699

Description : Custom 8260A IS Mix
Custom 8260A IS Mix 2,500-12,500µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	2-Methyl-2-propanol-d10	53001-22-2	PR-29961	99%	12,595.0 µg/mL	+/- 156.6678
2	Fluorobenzene	462-06-6	BCBZ5549	99%	2,507.0 µg/mL	+/- 31.2001
3	Chlorobenzene-d5	3114-55-4	PR-31132	99%	2,520.0 µg/mL	+/- 31.3618
4	1,4-Dichlorobenzene-d4	3855-82-1	PR-30447	99%	2,502.0 µg/mL	+/- 31.1378

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

105m x 0.53mm x 3.0µm
Rtx-502.2 (cat.#10910)

Carrier Gas:

hydrogen-constant pressure 11.0 psi.

Temp. Program:

40°C (hold 2 min.) to 240°C
@ 8°C/min. (hold 5 min.)

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

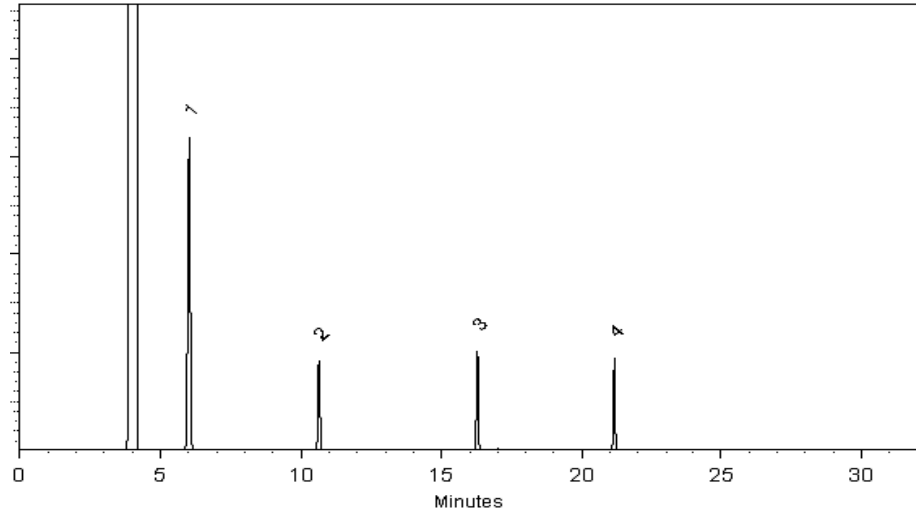
FID

Split Vent:

40 ml/min

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Russ Bookhamer - Operations Technician I

Date Mixed: 20-May-2024

Balance Serial # 1128360905

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_nButylAcr_00007

CERTIFICATE OF ANALYSIS

n-Butyl acrylate

CATALOG NUMBER	N-12513-1G
LOT NUMBER	14061100
DATE CERTIFIED	01/06/20
EXPIRATION DATE	01/31/26
CAS NUMBER	141-32-2
MOLECULAR FORMULA	C ₇ H ₁₂ O ₂
MOLECULAR WEIGHT	128.17
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

<u>Analytical Test</u>	<u>Value</u>
% PURITY (GC/FID)	99.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:



Kristin R Jones

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



COA Form
Revision 3 (3/2015)

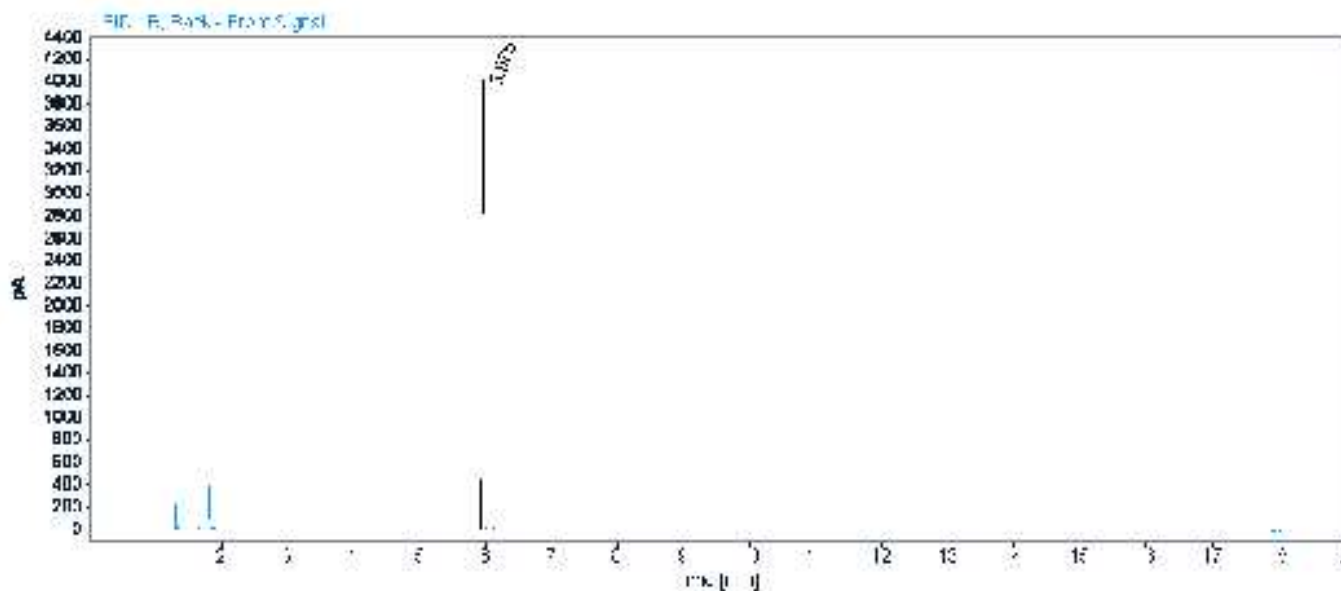
Print Date: 01/26/23

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2020 DATA\0120\butyl acrylate.D
Sample name: Butyl acrylate
Description:
Acq. method: S-10428M1.M
Instrument: GC3
Injection date: 1/6/2020 9:50:14 AM
Column name: HP-5ms Ultra Inert Diameter 250.000 Length 30.000 Particle Size 0.250

Location: 204
Injection Vol: 1.000
Of Injections: 1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.975	BV	0.0298	8741.1309	3980.0339	100.0000
Sum			8741.1309		

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



CERTIFICATE OF ANALYSIS

n-Butyl acrylate

CATALOG NUMBER	N-12513-1G
LOT NUMBER	14061100
DATE CERTIFIED	01/06/20
EXPIRATION DATE	01/31/26
CAS NUMBER	141-32-2
MOLECULAR FORMULA	C ₇ H ₁₂ O ₂
MOLECULAR WEIGHT	128.17
STORAGE	Store at room temperature (20 - 25 °C).
HANDLING	See Safety Data Sheet
INTENDED USE	For laboratory use only.

Analytical Test	Value
% PURITY (GC/FID)	99.5

Chem Service, Inc. guarantees the purity to be +/- 0.5% deviation prior to the expiration date shown on the label and exclusive of any customer contamination.

Certified By:



Kristin R Jones

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



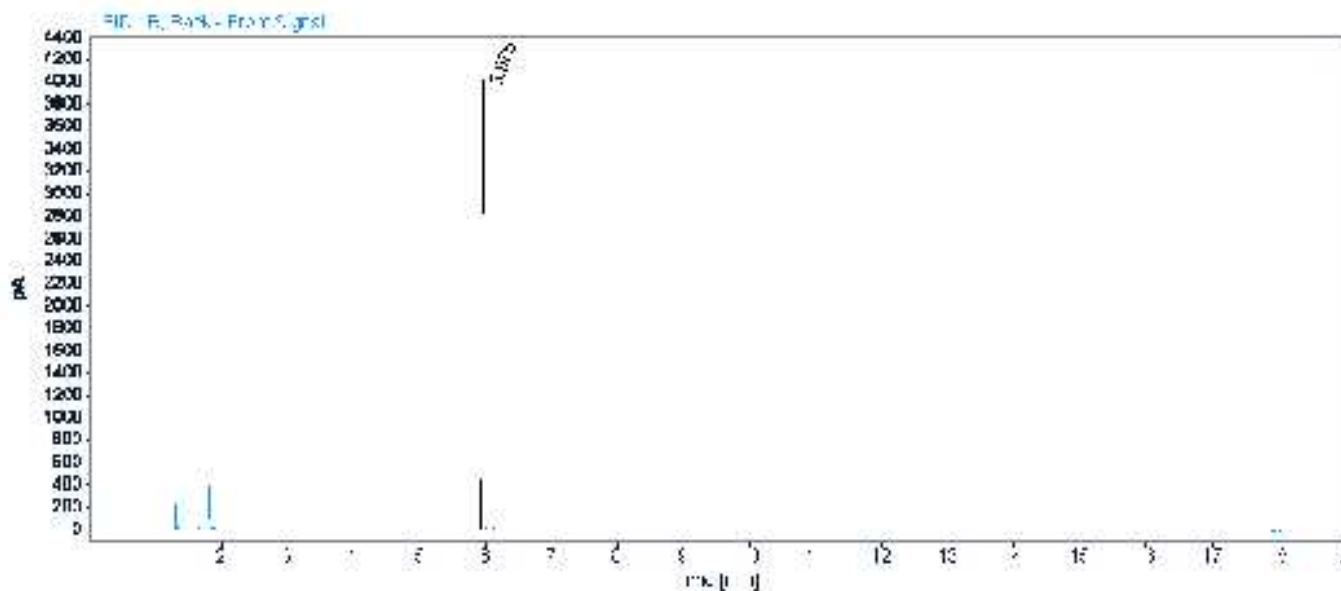
COA Form
Revision 3 (3/2015)

Print Date: 01/26/23

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

Data file: C:\CHEM32\1\DATA\2020 DATA\0120\butyl acrylate.D
Sample name: Butyl acrylate
Description:
Acq. method: S-10428M1.M
Instrument: GC3
Injection date: 1/6/2020 9:50:14 AM
Column name: HP-5ms Ultra Inert Diameter 250.000 Length 30.000 Particle Size 0.250
Location: 204
Injection Vol: 1.000
Of Injections: 1



Signal: FID1 B, Back - Front Signal

RT [min]	Type	Width [min]	Area	Height	Area%
5.975	BV	0.0298	8741.1309	3980.0339	100.0000
Sum			8741.1309		

Chem Service, Inc. is accredited to ISO 17034:2016, ISO/IEC 17025:2017 and certified to ISO 9001:2015.



Reagent

MSV_QC_2K_GAS_00308



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577488.SEC **Lot No.:** A0211460

Description : Custom Gases.SEC Standard

Custom Gases.SEC Standard 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dichlorodifluoromethane (CFC-12)	75-71-8.SEC	28888	99%	2,002.3 µg/mL	+/- 116.3467
2	Chloromethane (methyl chloride)	74-87-3.SEC	00022694	99%	2,014.2 µg/mL	+/- 117.1824
3	Vinyl chloride	75-01-4 *	00015559	99%	2,009.3 µg/mL	+/- 117.9630
4	1,3-Butadiene	106-99-0.SEC	28539	99%	2,030.2 µg/mL	+/- 117.6986
5	Bromomethane (methyl bromide)	74-83-9 *	00017022	99%	2,017.1 µg/mL	+/- 136.9230
6	Chloroethane (ethyl chloride)	75-00-3.SEC	00021903	99%	2,005.3 µg/mL	+/- 122.7081
7	Dichlorofluoromethane (CFC-21)	75-43-4 *	14485600	90%	2,016.0 µg/mL	+/- 113.2616
8	Trichlorofluoromethane (CFC-11)	75-69-4.SEC	00010739	99%	2,020.0 µg/mL	+/- 113.4863
9	1,2-Dichloro-1,1,2-trifluoroethane (CFC-123a)	354-23-4 *	877500	99%	2,005.1 µg/mL	+/- 115.4133

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

* Restek is unable to identify a reliable and/or acceptable second source for this material - the same batch of neat material may have been used to produce both the primary and secondary standard. The primary and secondary standards were prepared using different equipment and personnel.

Tech Tips:

Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

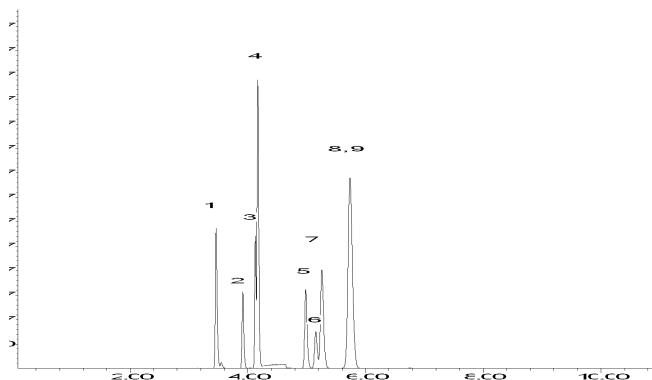
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.


Matt Fragassi - Mix Technician

Date Mixed: 15-May-2024

Balance Serial # 1127510105


Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_PentaCL_00054



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577491 **Lot No.:** A0197490

Description : Custom Pentachloroethane Standard

Custom Pentachloroethane Standard 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachloroethane	76-01-7	13550700	97%	5,011.0 µg/mL	+/- 281.5258

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

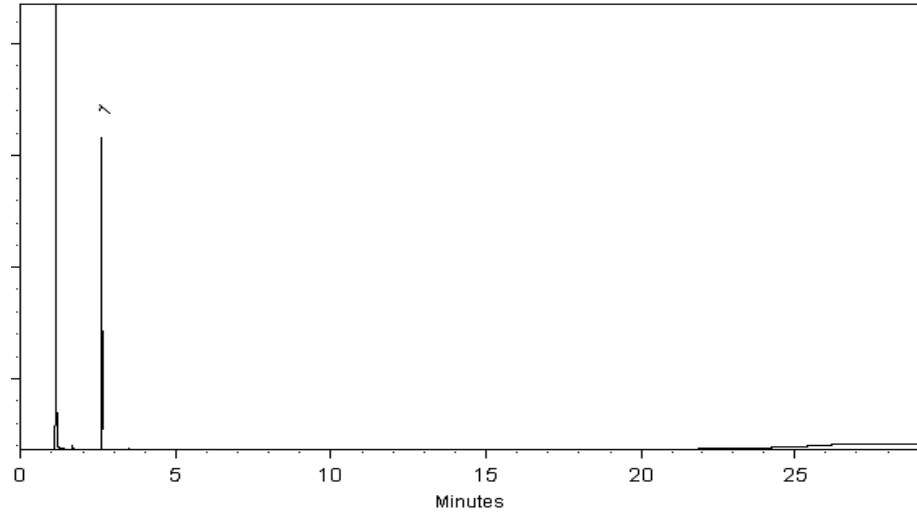
FID

Split Vent:

100 ml/min.

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023

Balance Serial # B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

- Stability of the unopened product, when stored in compliance with the recommended conditions, is guaranteed through the expiration displayed on the product label and certificate. Contact Restek for additional opened product stability information, with the knowledge/understanding that open product stability is subject to the specific handling and environmental conditions to which the product is exposed. For your convenience Restek supplies deactivated vials with most standards packed in 2mL ampuls. Larger volume deactivated vials are available through Restek as a custom ordered item. Additionally, Restek sells DMDCS for the purpose of glassware deactivation as catalog number 31861, which includes complete instructions.
- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_PentaCL_00075



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577491 **Lot No.:** A0197490

Description : Custom Pentachloroethane Standard

Custom Pentachloroethane Standard 5,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : April 30, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Pentachloroethane	76-01-7	13550700	97%	5,011.0 µg/mL	+/- 281.5258

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

30m x 0.25mm x 0.25µm
Rtx-5 (cat.#10223)

Carrier Gas:

hydrogen-constant flow 1.8 mL/min.

Temp. Program:

80°C (hold 0.1 min.) to 330°C
@ 9.6°C/min. (hold 2.86 min.)

Inj. Temp:

250°C

Det. Temp:

340°C

Det. Type:

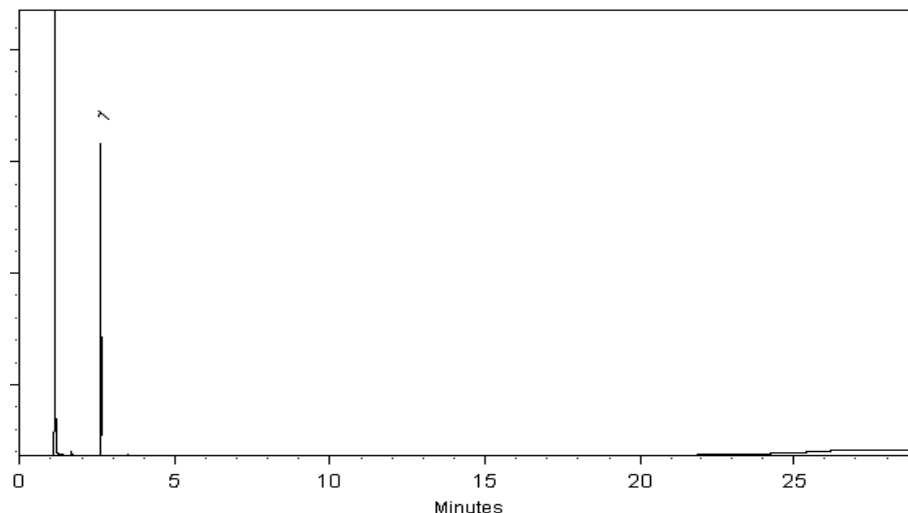
FID

Split Vent:

100 mL/min.

Inj. Vol

1µL



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023

Balance Serial # B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

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k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_SMFreon_00052



110 Benner Circle
Bellefonte, PA 16823-8812
Tel: 1-814-353-1300
Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577490 **Lot No.:** A0197864

Description : Custom SM Freons Standard
Custom SM Freons Standard 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlorotrifluoroethylene	79-38-9	202600	99%	1,999.9 µg/mL	+/- 116.8216
2	Chlorodifluoromethane (CFC-22)	75-45-6	Q162-44	99%	2,004.5 µg/mL	+/- 121.9609
3	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	75-88-7	Q157-146	99%	1,991.8 µg/mL	+/- 129.5770

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

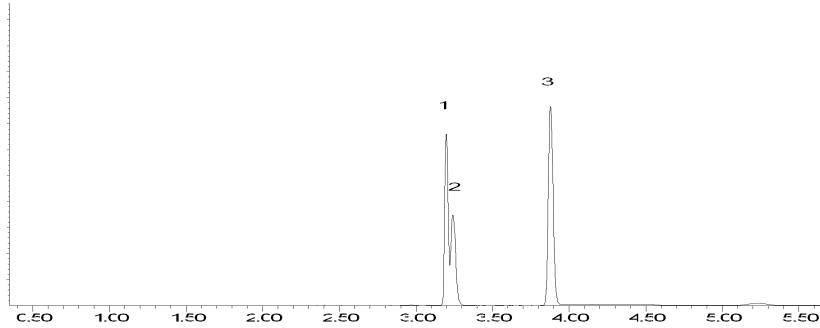
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
- Uncertainty, concentration, and expiration of the CRM are based on the unopened product being stored according to the recommended condition found in the storage field.

Purity Notes:

- Purity and/or chemical identity are determined by one or more of the following techniques: GC/FID, HPLC, GC/μECD, GC/MS, LC/MS, RI, and/or melting point.
- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

- Concentration is based upon gravimetric preparation using either a balance whose calibration has been verified daily using NIST traceable weights, and/or dilutions with Class A glassware.

Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Reagent

MSV_V_SMFreon_00054



110 Benner Circle
Bellefonte, PA 16823-8812
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Fax: 1-814-353-1309

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus



FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

This Reference Material is intended for Laboratory Use Only as a standard for the qualitative and/or quantitative determination of the analyte(s) listed.

Catalog No. : 577490 **Lot No.:** A0197864

Description : Custom SM Freons Standard
Custom SM Freons Standard 2,000µg/mL, P&T Methanol, 1mL/ampul

Container Size : 2 mL **Pkg Amt:** > 1 mL

Expiration Date : May 31, 2026 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Chlorotrifluoroethylene	79-38-9	202600	99%	1,999.9 µg/mL	+/- 116.8216
2	Chlorodifluoromethane (CFC-22)	75-45-6	Q162-44	99%	2,004.5 µg/mL	+/- 121.9609
3	2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	75-88-7	Q157-146	99%	1,991.8 µg/mL	+/- 129.5770

* Expanded Uncertainty displayed in same units as Grav. Conc.

Solvent: P&T Methanol
CAS # 67-56-1
Purity 99%

Quality Confirmation Test

Column:

60m x 0.25mm x 1.4µm
Rtx-502.2 (cat.#10916)

Carrier Gas:

helium-constant flow 2.0 mL/min.

Temp. Program:

40°C (hold 6 min.) to 100°C
@ 6°C/min.

Inj. Temp:

200°C

Det. Temp:

250°C

Det. Type:

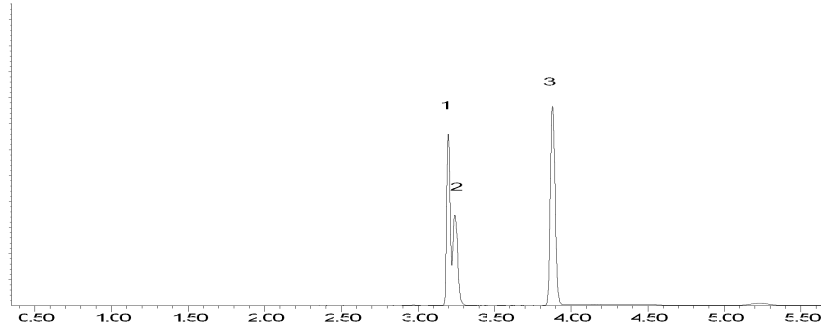
MSD

Split Vent:

Split ratio 10:1

Inj. Vol

1µl



This chromatogram represents a general set of testing conditions chosen for product acceptance. For optimal results in your lab, conditions should be adjusted for your specific instrument, method, and application.

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023

Balance Serial # B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

Manufactured under Restek's ISO 9001:2015
Registered Quality System
Certificate #FM 80397

General Certified Reference Material Notes

Expiration Notes:

- Expiration date valid for unopened ampul stored in compliance with the recommended conditions.
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- Compounds with a listed purity of less than 99% have been weight corrected to compensate for impurities and/or salts. A correction factor is used to calculate the amount of compound necessary to achieve the desired concentration of the parent compound in solution.
- Purity of isomeric compounds is reported as the sum of the isomers.
- Purity values are rounded to the nearest whole number.

Certified Uncertainty Value Notes:

- The uncertainties are determined in accordance with ISO 17034 and Guide 35. The certified expanded uncertainty value includes gravimetric uncertainty, homogeneity between-ampul uncertainty, storage stability uncertainty and shipping stability uncertainty and were combined using the following formula:

$$U_{combined\ uncertainty} = k \sqrt{u_{gravimetric}^2 + u_{homogeneity}^2 + u_{storage\ stability}^2 + u_{shipping\ stability}^2}$$

k is a coverage factor of 2, which gives a level of confidence of approximately 95%.

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Manufacturing Notes:

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Handling Notes:

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- If any undissolved material is visible inside the ampul, sonicate the unopened ampul until the material is completely dissolved.

Method 8260D

Volatile Organic Compounds (GC/MS)
by Method 8260D

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water

Level: Low

GC Column (1): R-624SilMS 3 ID: 0.25 (mm)

Client Sample ID	Lab Sample ID	DBFM #	DCA #	TOL #	BFB #
HD-MW-101S-0/1-0	410-244152-1	109	106	103	96
HD-MW-101D-0/1-0	410-244152-2	110	108	103	97
HD-MW-6-0/1-0	410-244152-3	109	106	102	95
HD-MW-5-0/1-0	410-244152-4	110	106	101	97
HD-MW-88-0/1-0	410-244152-5	111	106	101	97
HD-QC1-0/1-3	410-244152-6	109	110	103	97
HD-QC1-0/1-4	410-244152-7	111	107	103	96
HD-MW-166-0/1-0	410-244152-8	110	108	101	95
HD-MW-167-0/1-0	410-244152-9	111	107	101	97
HD-MW-168-0/1-0	410-244152-10	94	99	107	107
HD-MW-108D-0/1-0	410-244152-11	95	100	106	105
HD-MW-65S-0/1-0	410-244152-12	116	108	94	91
HD-MW-20M-0/1-0	410-244152-13	117	109	94	90
HD-MW-14-0/1-0	410-244152-14	120	113	93	87
HD-MW-22-0/1-0	410-244152-15	119	112	94	91
HD-MW-108S-0/1-0	410-244152-16	119	110	96	89
HD-MW-165-0/1-0	410-244152-17	120	110	95	91
HD-QC1-0/1-2	410-244152-18	109	105	101	98
HD-MW-3-0/1-0	410-244152-19	120	112	96	91
	MB 410-710460/8	107	104	102	98
	MB 410-711283/7	97	104	106	103
	MB 410-711513/7	116	107	96	92
	LCS 410-710460/5	104	101	107	99
	LCS 410-711283/4	92	99	110	102
	LCS 410-711513/4	105	103	105	106
	LCSD 410-710460/6	105	102	106	99
	LCSD 410-711283/5	91	95	109	103
	LCSD 410-711513/5	104	105	106	106

QC LIMITS

DBFM = Dibromofluoromethane (Surr)
DCA = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)
BFB = 4-Bromofluorobenzene (Surr)

80-120
80-120
80-120
80-120

Column to be used to flag recovery values

FORM II 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: 5C07X54.D

Lab ID: LCS 410-710460/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	22.2	111	79-120	
1,1,1-Trichloroethane	20.0	22.6	113	73-120	
1,1,2,2-Tetrachloroethane	20.0	17.8	89	72-120	
1,1,2-Trichloroethane	20.0	20.2	101	80-120	
1,1-Dichloroethane	20.0	21.2	106	80-120	
1,1-Dichloroethene	20.0	22.8	114	80-131	
1,2-Dibromoethane (EDB)	20.0	19.6	98	77-120	
1,2-Dichloroethane	20.0	21.5	107	73-124	
1,2-Dichloropropane	20.0	19.8	99	80-120	
2-Butanone (MEK)	250	228	91	59-135	
2-Hexanone	250	244	98	56-135	
4-Methyl-2-pentanone (MIBK)	250	233	93	62-133	
Acetone	250	284	114	57-143	
Benzene	20.0	20.2	101	80-120	
Bromochloromethane	20.0	22.5	112	80-120	
Bromodichloromethane	20.0	20.3	101	71-120	
Bromoform	20.0	20.3	101	51-120	
Bromomethane	20.0	19.2	96	53-128	
Carbon disulfide	20.0	19.7	98	65-128	
Carbon tetrachloride	20.0	23.7	118	64-134	
Chlorobenzene	20.0	21.4	107	80-120	
Chloroethane	20.0	19.2	96	55-123	
Chloroform	20.0	21.2	106	80-120	
Chloromethane	20.0	17.5	87	39-134	
cis-1,2-Dichloroethene	20.0	21.5	107	80-125	
cis-1,3-Dichloropropene	20.0	18.2	91	75-120	
Dibromochloromethane	20.0	20.6	103	71-120	
Ethylbenzene	20.0	20.8	104	80-120	
Methyl tert-butyl ether	20.0	18.3	91	69-122	
Methylene Chloride	20.0	20.9	104	80-120	
Styrene	20.0	19.8	99	80-120	
Tetrachloroethene	20.0	23.5	117	80-120	
Toluene	20.0	20.6	103	80-120	
trans-1,2-Dichloroethene	20.0	21.4	107	80-126	
trans-1,3-Dichloropropene	20.0	19.2	96	67-120	
Trichloroethene	20.0	20.8	104	80-120	
Vinyl chloride	20.0	17.5	88	56-120	
Xylenes, Total	60.0	63.8	106	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: NC09X03.D

Lab ID: LCS 410-711283/4

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.0	100	79-120	
1,1,1-Trichloroethane	20.0	17.9	89	73-120	
1,1,2,2-Tetrachloroethane	20.0	25.6	128	72-120	*+
1,1,2-Trichloroethane	20.0	21.5	107	80-120	
1,1-Dichloroethane	20.0	21.7	109	80-120	
1,1-Dichloroethene	20.0	20.2	101	80-131	
1,2-Dibromoethane (EDB)	20.0	19.8	99	77-120	
1,2-Dichloroethane	20.0	18.3	92	73-124	
1,2-Dichloropropane	20.0	22.3	111	80-120	
2-Butanone (MEK)	250	260	104	59-135	
2-Hexanone	250	281	112	56-135	
4-Methyl-2-pentanone (MIBK)	250	257	103	62-133	
Acetone	250	236	95	57-143	
Benzene	20.0	21.2	106	80-120	
Bromochloromethane	20.0	18.0	90	80-120	
Bromodichloromethane	20.0	18.7	94	71-120	
Bromoform	20.0	16.7	84	51-120	
Bromomethane	20.0	20.9	105	53-128	
Carbon disulfide	20.0	22.1	111	65-128	
Carbon tetrachloride	20.0	16.6	83	64-134	
Chlorobenzene	20.0	19.4	97	80-120	
Chloroethane	20.0	22.7	113	55-123	
Chloroform	20.0	18.7	94	80-120	
Chloromethane	20.0	23.1	115	39-134	
cis-1,2-Dichloroethene	20.0	20.3	101	80-125	
cis-1,3-Dichloropropene	20.0	18.6	93	75-120	
Dibromochloromethane	20.0	18.2	91	71-120	
Ethylbenzene	20.0	21.4	107	80-120	
Methyl tert-butyl ether	20.0	20.6	103	69-122	
Methylene Chloride	20.0	19.7	99	80-120	
Styrene	20.0	20.0	100	80-120	
Tetrachloroethene	20.0	16.8	84	80-120	
Toluene	20.0	21.3	106	80-120	
trans-1,2-Dichloroethene	20.0	19.5	97	80-126	
trans-1,3-Dichloropropene	20.0	20.9	105	67-120	
Trichloroethene	20.0	17.8	89	80-120	
Vinyl chloride	20.0	23.1	116	56-120	
Xylenes, Total	60.0	62.3	104	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: FC08X53.D

Lab ID: LCS 410-711513/4

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.0	100	79-120	
1,1,1-Trichloroethane	20.0	21.9	109	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.1	101	72-120	
1,1,2-Trichloroethane	20.0	19.6	98	80-120	
1,1-Dichloroethane	20.0	21.0	105	80-120	
1,1-Dichloroethene	20.0	18.5	92	80-131	
1,2-Dibromoethane (EDB)	20.0	19.8	99	77-120	
1,2-Dichloroethane	20.0	22.3	112	73-124	
1,2-Dichloropropane	20.0	20.6	103	80-120	
2-Butanone (MEK)	250	262	105	59-135	
2-Hexanone	250	310	124	56-135	
4-Methyl-2-pentanone (MIBK)	250	312	125	62-133	
Acetone	250	194	78	57-143	
Benzene	20.0	20.5	102	80-120	
Bromochloromethane	20.0	20.0	100	80-120	
Bromodichloromethane	20.0	20.7	103	71-120	
Bromoform	20.0	18.2	91	51-120	
Bromomethane	20.0	19.1	96	53-128	
Carbon disulfide	20.0	22.1	110	65-128	
Carbon tetrachloride	20.0	21.9	109	64-134	
Chlorobenzene	20.0	20.1	100	80-120	
Chloroethane	20.0	20.5	103	55-123	
Chloroform	20.0	21.8	109	80-120	
Chloromethane	20.0	19.6	98	39-134	
cis-1,2-Dichloroethene	20.0	19.4	97	80-125	
cis-1,3-Dichloropropene	20.0	17.7	88	75-120	
Dibromochloromethane	20.0	18.9	94	71-120	
Ethylbenzene	20.0	21.1	106	80-120	
Methyl tert-butyl ether	20.0	22.5	112	69-122	
Methylene Chloride	20.0	21.7	108	80-120	
Styrene	20.0	19.7	99	80-120	
Tetrachloroethene	20.0	19.8	99	80-120	
Toluene	20.0	19.8	99	80-120	
trans-1,2-Dichloroethene	20.0	21.4	107	80-126	
trans-1,3-Dichloropropene	20.0	18.4	92	67-120	
Trichloroethene	20.0	20.5	102	80-120	
Vinyl chloride	20.0	20.1	100	56-120	
Xylenes, Total	60.0	60.2	100	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: 5C07X55.D

Lab ID: LCSD 410-710460/6

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	20.0	21.9	110	1	30	79-120	
1,1,1-Trichloroethane	20.0	22.4	112	1	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	17.2	86	3	30	72-120	
1,1,2-Trichloroethane	20.0	19.6	98	3	30	80-120	
1,1-Dichloroethane	20.0	20.6	103	3	30	80-120	
1,1-Dichloroethene	20.0	22.4	112	2	30	80-131	
1,2-Dibromoethane (EDB)	20.0	18.8	94	4	30	77-120	
1,2-Dichloroethane	20.0	21.2	106	1	30	73-124	
1,2-Dichloropropane	20.0	18.8	94	5	30	80-120	
2-Butanone (MEK)	250	235	94	3	30	59-135	
2-Hexanone	250	241	96	1	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	229	92	2	30	62-133	
Acetone	250	309	124	9	30	57-143	
Benzene	20.0	19.4	97	4	30	80-120	
Bromochloromethane	20.0	21.0	105	7	30	80-120	
Bromodichloromethane	20.0	20.0	100	1	30	71-120	
Bromoform	20.0	19.6	98	3	30	51-120	
Bromomethane	20.0	19.0	95	1	30	53-128	
Carbon disulfide	20.0	19.3	97	2	30	65-128	
Carbon tetrachloride	20.0	23.0	115	3	30	64-134	
Chlorobenzene	20.0	20.6	103	4	30	80-120	
Chloroethane	20.0	18.6	93	3	30	55-123	
Chloroform	20.0	21.3	107	1	30	80-120	
Chloromethane	20.0	17.1	86	2	30	39-134	
cis-1,2-Dichloroethene	20.0	20.9	105	3	30	80-125	
cis-1,3-Dichloropropene	20.0	17.4	87	5	30	75-120	
Dibromochloromethane	20.0	20.2	101	2	30	71-120	
Ethylbenzene	20.0	20.0	100	4	30	80-120	
Methyl tert-butyl ether	20.0	19.4	97	6	30	69-122	
Methylene Chloride	20.0	20.9	104	0	30	80-120	
Styrene	20.0	19.3	97	2	30	80-120	
Tetrachloroethene	20.0	23.8	119	1	30	80-120	
Toluene	20.0	20.2	101	2	30	80-120	
trans-1,2-Dichloroethene	20.0	20.9	105	2	30	80-126	
trans-1,3-Dichloropropene	20.0	18.8	94	2	30	67-120	
Trichloroethene	20.0	20.1	100	3	30	80-120	
Vinyl chloride	20.0	17.3	87	1	30	56-120	
Xylenes, Total	60.0	62.7	105	2	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: NC09X04.D

Lab ID: LCSD 410-711283/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	20.0	19.6	98	2	30	79-120	
1,1,1-Trichloroethane	20.0	17.9	90	0	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	24.6	123	4	30	72-120	*+
1,1,2-Trichloroethane	20.0	21.6	108	1	30	80-120	
1,1-Dichloroethane	20.0	20.8	104	4	30	80-120	
1,1-Dichloroethene	20.0	19.8	99	2	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.9	99	0	30	77-120	
1,2-Dichloroethane	20.0	18.4	92	1	30	73-124	
1,2-Dichloropropane	20.0	22.3	112	0	30	80-120	
2-Butanone (MEK)	250	259	104	0	30	59-135	
2-Hexanone	250	281	112	0	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	256	103	0	30	62-133	
Acetone	250	237	95	0	30	57-143	
Benzene	20.0	21.2	106	0	30	80-120	
Bromochloromethane	20.0	17.7	89	1	30	80-120	
Bromodichloromethane	20.0	18.8	94	0	30	71-120	
Bromoform	20.0	17.1	86	2	30	51-120	
Bromomethane	20.0	20.1	101	4	30	53-128	
Carbon disulfide	20.0	21.4	107	3	30	65-128	
Carbon tetrachloride	20.0	16.6	83	0	30	64-134	
Chlorobenzene	20.0	20.0	100	3	30	80-120	
Chloroethane	20.0	21.6	108	5	30	55-123	
Chloroform	20.0	18.6	93	1	30	80-120	
Chloromethane	20.0	23.7	119	3	30	39-134	
cis-1,2-Dichloroethene	20.0	19.8	99	3	30	80-125	
cis-1,3-Dichloropropene	20.0	19.0	95	2	30	75-120	
Dibromochloromethane	20.0	18.6	93	2	30	71-120	
Ethylbenzene	20.0	21.3	107	0	30	80-120	
Methyl tert-butyl ether	20.0	20.0	100	3	30	69-122	
Methylene Chloride	20.0	20.2	101	2	30	80-120	
Styrene	20.0	20.2	101	1	30	80-120	
Tetrachloroethene	20.0	16.8	84	0	30	80-120	
Toluene	20.0	21.2	106	0	30	80-120	
trans-1,2-Dichloroethene	20.0	20.3	101	4	30	80-126	
trans-1,3-Dichloropropene	20.0	21.7	109	4	30	67-120	
Trichloroethene	20.0	18.4	92	3	30	80-120	
Vinyl chloride	20.0	23.3	116	1	30	56-120	
Xylenes, Total	60.0	62.2	104	0	30	80-120	

Column to be used to flag recovery and RPD values

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Matrix: Water Level: Low

Lab File ID: FC08X54.D

Lab ID: LCSD 410-711513/5

Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS		#
					RPD	REC	
1,1,1,2-Tetrachloroethane	20.0	21.2	106	6	30	79-120	
1,1,1-Trichloroethane	20.0	22.7	114	4	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.4	102	1	30	72-120	
1,1,2-Trichloroethane	20.0	20.4	102	4	30	80-120	
1,1-Dichloroethane	20.0	22.1	110	5	30	80-120	
1,1-Dichloroethene	20.0	19.1	95	3	30	80-131	
1,2-Dibromoethane (EDB)	20.0	20.8	104	5	30	77-120	
1,2-Dichloroethane	20.0	23.0	115	3	30	73-124	
1,2-Dichloropropane	20.0	21.7	109	5	30	80-120	
2-Butanone (MEK)	250	286	114	9	30	59-135	
2-Hexanone	250	332	133	7	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	327	131	5	30	62-133	
Acetone	250	197	79	1	30	57-143	
Benzene	20.0	21.2	106	3	30	80-120	
Bromochloromethane	20.0	20.5	103	3	30	80-120	
Bromodichloromethane	20.0	20.8	104	1	30	71-120	
Bromoform	20.0	18.8	94	3	30	51-120	
Bromomethane	20.0	18.2	91	5	30	53-128	
Carbon disulfide	20.0	22.7	113	3	30	65-128	
Carbon tetrachloride	20.0	22.6	113	3	30	64-134	
Chlorobenzene	20.0	20.9	104	4	30	80-120	
Chloroethane	20.0	19.6	98	4	30	55-123	
Chloroform	20.0	22.4	112	3	30	80-120	
Chloromethane	20.0	18.8	94	4	30	39-134	
cis-1,2-Dichloroethene	20.0	20.6	103	6	30	80-125	
cis-1,3-Dichloropropene	20.0	17.7	89	0	30	75-120	
Dibromochloromethane	20.0	19.7	98	4	30	71-120	
Ethylbenzene	20.0	22.0	110	4	30	80-120	
Methyl tert-butyl ether	20.0	23.0	115	2	30	69-122	
Methylene Chloride	20.0	22.0	110	1	30	80-120	
Styrene	20.0	20.7	103	5	30	80-120	
Tetrachloroethene	20.0	20.4	102	3	30	80-120	
Toluene	20.0	20.7	103	5	30	80-120	
trans-1,2-Dichloroethene	20.0	21.9	109	2	30	80-126	
trans-1,3-Dichloropropene	20.0	19.1	96	4	30	67-120	
Trichloroethene	20.0	21.2	106	4	30	80-120	
Vinyl chloride	20.0	19.0	95	5	30	56-120	
Xylenes, Total	60.0	63.1	105	5	30	80-120	

Column to be used to flag recovery and RPD values

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: 5C07X57.D

Lab Sample ID: MB 410-710460/8

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 26285

Date Analyzed: 10/08/2025 00:09

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-710460/5	5C07X54.D	10/07/2025 23:07
	LCSD 410-710460/6	5C07X55.D	10/07/2025 23:28
HD-QC1-0/1-2	410-244152-18	5C07X62.D	10/08/2025 01:50
HD-MW-101S-0/1-0	410-244152-1	5C07X63.D	10/08/2025 02:11
HD-MW-101D-0/1-0	410-244152-2	5C07X64.D	10/08/2025 02:31
HD-MW-6-0/1-0	410-244152-3	5C07X65.D	10/08/2025 02:52
HD-MW-5-0/1-0	410-244152-4	5C07X66.D	10/08/2025 03:12
HD-MW-88-0/1-0	410-244152-5	5C07X67.D	10/08/2025 03:32
HD-QC1-0/1-3	410-244152-6	5C07X68.D	10/08/2025 03:53
HD-QC1-0/1-4	410-244152-7	5C07X69.D	10/08/2025 04:13
HD-MW-166-0/1-0	410-244152-8	5C07X70.D	10/08/2025 04:33
HD-MW-167-0/1-0	410-244152-9	5C07X71.D	10/08/2025 04:53

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: NC09X06.D

Lab Sample ID: MB 410-711283/7

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 7159

Date Analyzed: 10/09/2025 10:37

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-711283/4	NC09X03.D	10/09/2025 09:38
	LCSD 410-711283/5	NC09X04.D	10/09/2025 09:57
HD-MW-168-0/1-0	410-244152-10	NC09X19.D	10/09/2025 15:53
HD-MW-108D-0/1-0	410-244152-11	NC09X20.D	10/09/2025 16:13

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: FC08X56.D

Lab Sample ID: MB 410-711513/7

Matrix: Water

Heated Purge: (Y/N) N

Instrument ID: 15830

Date Analyzed: 10/09/2025 12:19

GC Column: R-624SilMS 30m ID: 0.25 (mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 410-711513/4	FC08X53.D	10/09/2025 11:11
	LCSD 410-711513/5	FC08X54.D	10/09/2025 11:34
HD-MW-65S-0/1-0	410-244152-12	FC09X12.D	10/09/2025 15:14
HD-MW-20M-0/1-0	410-244152-13	FC09X13.D	10/09/2025 15:37
HD-MW-14-0/1-0	410-244152-14	FC09X14.D	10/09/2025 16:00
HD-MW-22-0/1-0	410-244152-15	FC09X15.D	10/09/2025 16:22
HD-MW-108S-0/1-0	410-244152-16	FC09X16.D	10/09/2025 16:45
HD-MW-165-0/1-0	410-244152-17	FC09X17.D	10/09/2025 17:08
HD-MW-3-0/1-0	410-244152-19	FC09X18.D	10/09/2025 17:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Lab File ID: FC07T51.D BFB Injection Date: 10/07/2025

Instrument ID: 15830 BFB Injection Time: 16:30

Analysis Batch No.: 710355

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	16.9
75	30.0 - 60.0 % of mass 95	46.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	83.8
175	5.0 - 9.0 % of mass 174	7.0 (8.4) 1
176	95.0 - 101.0 % of mass 174	79.9 (95.4) 1
177	5.0 - 9.0 % of mass 176	5.1 (6.4) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-710355/15	FC07X55.D	10/07/2025	18:13
	ICIS 410-710355/16	FC07X56.D	10/07/2025	18:35
	IC 410-710355/17	FC07X57.D	10/07/2025	18:58
	IC 410-710355/18	FC07X58.D	10/07/2025	19:21
	ICV 410-710355/20	FC07X60.D	10/07/2025	20:07
	IC 410-710355/12	FC07X65.D	10/07/2025	23:07
	IC 410-710355/13	FC07X66.D	10/07/2025	23:29
	IC 410-710355/14	FC07X67.D	10/07/2025	23:52

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: FC09T01.D

BFB Injection Date: 10/09/2025

Instrument ID: 15830

BFB Injection Time: 09:58

Analysis Batch No.: 711513

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.0
75	30.0 - 60.0 % of mass 95	49.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.6
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	75.0
175	5.0 - 9.0 % of mass 174	6.1 (8.2) 1
176	95.0 - 101.0 % of mass 174	72.9 (97.2) 1
177	5.0 - 9.0 % of mass 176	4.3 (5.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-711513/3	FC08X52.D	10/09/2025	10:49
	LCS 410-711513/4	FC08X53.D	10/09/2025	11:11
	LCSD 410-711513/5	FC08X54.D	10/09/2025	11:34
	MB 410-711513/7	FC08X56.D	10/09/2025	12:19
HD-MW-65S-0/1-0	410-244152-12	FC09X12.D	10/09/2025	15:14
HD-MW-20M-0/1-0	410-244152-13	FC09X13.D	10/09/2025	15:37
HD-MW-14-0/1-0	410-244152-14	FC09X14.D	10/09/2025	16:00
HD-MW-22-0/1-0	410-244152-15	FC09X15.D	10/09/2025	16:22
HD-MW-108S-0/1-0	410-244152-16	FC09X16.D	10/09/2025	16:45
HD-MW-165-0/1-0	410-244152-17	FC09X17.D	10/09/2025	17:08
HD-MW-3-0/1-0	410-244152-19	FC09X18.D	10/09/2025	17:31

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: 5G11T01.D

BFB Injection Date: 08/11/2025

Instrument ID: 26285

BFB Injection Time: 14:51

Analysis Batch No.: 683596

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	19.7
75	30.0 - 60.0 % of mass 95	49.2
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	90.0
175	5.0 - 9.0 % of mass 174	7.8 (8.6) 1
176	95.0 - 101.0 % of mass 174	89.0 (98.9) 1
177	5.0 - 9.0 % of mass 176	5.9 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-683596/3	5G11X02.D	08/11/2025	15:55
	IC 410-683596/4	5G11X03.D	08/11/2025	16:15
	IC 410-683596/5	5G11X04.D	08/11/2025	16:35
	IC 410-683596/6	5G11X05.D	08/11/2025	16:55
	IC 410-683596/7	5G11X06.D	08/11/2025	17:16
	IC 410-683596/8	5G11X07.D	08/11/2025	17:37
	IC 410-683596/12	5G11X11.D	08/11/2025	18:58
	IC 410-683596/13	5G11X12.D	08/11/2025	19:19
	IC 410-683596/14	5G11X13.D	08/11/2025	19:39
	IC 410-683596/15	5G11X14.D	08/11/2025	20:00
	ICIS 410-683596/16	5G11X15.D	08/11/2025	20:20
	IC 410-683596/17	5G11X16.D	08/11/2025	20:40
	IC 410-683596/18	5G11X17.D	08/11/2025	21:01
	ICV 410-683596/20	5G11X19.D	08/11/2025	21:42

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: 5C07T51.D

BFB Injection Date: 10/07/2025

Instrument ID: 26285

BFB Injection Time: 21:54

Analysis Batch No.: 710460

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	20.4
75	30.0 - 60.0 % of mass 95	49.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	7.0
173	Less than 2.0 % of mass 174	0.0 (0.0) 1
174	Greater than 50% of mass 95	93.0
175	5.0 - 9.0 % of mass 174	8.2 (8.8) 1
176	95.0 - 101.0 % of mass 174	90.2 (96.9) 1
177	5.0 - 9.0 % of mass 176	6.2 (6.9) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-710460/3	5C07X52.D	10/07/2025	22:27
	LCS 410-710460/5	5C07X54.D	10/07/2025	23:07
	LCSD 410-710460/6	5C07X55.D	10/07/2025	23:28
	MB 410-710460/8	5C07X57.D	10/08/2025	0:09
HD-QC1-0/1-2	410-244152-18	5C07X62.D	10/08/2025	1:50
HD-MW-101S-0/1-0	410-244152-1	5C07X63.D	10/08/2025	2:11
HD-MW-101D-0/1-0	410-244152-2	5C07X64.D	10/08/2025	2:31
HD-MW-6-0/1-0	410-244152-3	5C07X65.D	10/08/2025	2:52
HD-MW-5-0/1-0	410-244152-4	5C07X66.D	10/08/2025	3:12
HD-MW-88-0/1-0	410-244152-5	5C07X67.D	10/08/2025	3:32
HD-QC1-0/1-3	410-244152-6	5C07X68.D	10/08/2025	3:53
HD-QC1-0/1-4	410-244152-7	5C07X69.D	10/08/2025	4:13
HD-MW-166-0/1-0	410-244152-8	5C07X70.D	10/08/2025	4:33
HD-MW-167-0/1-0	410-244152-9	5C07X71.D	10/08/2025	4:53

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab File ID: NS22T01.D

BFB Injection Date: 09/22/2025

Instrument ID: 7159

BFB Injection Time: 14:37

Analysis Batch No.: 702728

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.3
75	30.0 - 60.0 % of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.5
173	Less than 2.0 % of mass 174	0.4 (0.4) 1
174	Greater than 50% of mass 95	101.5
175	5.0 - 9.0 % of mass 174	8.0 (7.9) 1
176	95.0 - 101.0 % of mass 174	99.8 (98.3) 1
177	5.0 - 9.0 % of mass 176	6.5 (6.6) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-702728/3	NS22X03.D	09/22/2025	15:13
	IC 410-702728/4	NS22X04.D	09/22/2025	15:33
	IC 410-702728/5	NS22X05.D	09/22/2025	15:53
	IC 410-702728/6	NS22X06.D	09/22/2025	16:12
	IC 410-702728/7	NS22X07.D	09/22/2025	16:32
	IC 410-702728/8	NS22X08.D	09/22/2025	16:52
	IC 410-702728/14	NS22X14.D	09/22/2025	18:51
	IC 410-702728/15	NS22X15.D	09/22/2025	19:10
	ICIS 410-702728/16	NS22X16.D	09/22/2025	19:30
	IC 410-702728/17	NS22X17.D	09/22/2025	19:50
	IC 410-702728/18	NS22X18.D	09/22/2025	20:10
	ICV 410-702728/20	NS22X20.D	09/22/2025	20:50
	IC 410-702728/12	NS22X22.D	09/22/2025	22:39
	IC 410-702728/13	NS22X23.D	09/22/2025	22:59

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.:

Lab File ID: NC09T01.D BFB Injection Date: 10/09/2025

Instrument ID: 7159 BFB Injection Time: 08:32

Analysis Batch No.: 711283

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0 % of mass 95	15.1
75	30.0 - 60.0 % of mass 95	45.5
95	Base Peak, 100% relative abundance	100.0
96	5.0 - 9.0 % of mass 95	6.7
173	Less than 2.0 % of mass 174	0.9 (1.2) 1
174	Greater than 50% of mass 95	79.2
175	5.0 - 9.0 % of mass 174	6.1 (7.7) 1
176	95.0 - 101.0 % of mass 174	77.1 (97.4) 1
177	5.0 - 9.0 % of mass 176	5.2 (6.7) 2

1-Value is % mass 174

2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-711283/3	NC09X02.D	10/09/2025	9:18
	LCS 410-711283/4	NC09X03.D	10/09/2025	9:38
	LCSD 410-711283/5	NC09X04.D	10/09/2025	9:57
	MB 410-711283/7	NC09X06.D	10/09/2025	10:37
HD-MW-168-0/1-0	410-244152-10	NC09X19.D	10/09/2025	15:53
HD-MW-108D-0/1-0	410-244152-11	NC09X20.D	10/09/2025	16:13

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-710355/16 Date Analyzed: 10/07/2025 18:35

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): FC07X56.D Heated Purge: (Y/N) N

Calibration ID: 77382

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		2093728	4.28	2616813	7.76	1575591	11.24
UPPER LIMIT		4187456	4.78	5233626	8.26	3151182	11.74
LOWER LIMIT		1046864	3.78	1308407	7.26	787796	10.74
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-710355/20		2069813	4.32	2613195	7.76	1784864	11.24
CCVIS 410-711513/3		2329847	4.32	2617911	7.76	1735350	11.24

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Job No.: 410-244152-1

Sample No.: ICIS 410-710355/16

Date Analyzed: 10/07/2025 18:35

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration ID: 77382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		897696	13.13				
UPPER LIMIT		1795392	13.63				
LOWER LIMIT		448848	12.63				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-710355/20		995436	13.13				
CCVIS 410-711513/3		995133	13.13				

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-711513/3 Date Analyzed: 10/09/2025 10:49

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): FC08X52.D Heated Purge: (Y/N) N

Calibration ID: 77382

	TBA _d 10		FB		CBZ _d 5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	2329847	4.32	2617911	7.76	1735350	11.24
UPPER LIMIT	4659694	4.82	5235822	8.26	3470700	11.74
LOWER LIMIT	1164924	3.82	1308956	7.26	867675	10.74
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 410-711513/4		2494580	4.29	2443924	7.76	1664711 11.24
LCSD 410-711513/5		2610495	4.32	2502875	7.76	1679432 11.24
MB 410-711513/7		1977321	4.29	2194631	7.76	1517810 11.24
410-244152-12	HD-MW-65S-0/1-0	2057615	4.28	2180460	7.76	1508229 11.24
410-244152-13	HD-MW-20M-0/1-0	2595697	4.31	2149449	7.77	1458493 11.24
410-244152-14	HD-MW-14-0/1-0	2486643	4.30	2119604	7.76	1463945 11.24
410-244152-15	HD-MW-22-0/1-0	1912513	4.31	2099627	7.76	1459526 11.24
410-244152-16	HD-MW-108S-0/1-0	1870939	4.30	2093412	7.76	1459392 11.24
410-244152-17	HD-MW-165-0/1-0	1909347	4.31	2050160	7.76	1424654 11.24
410-244152-19	HD-MW-3-0/1-0	1887071	4.29	2087930	7.76	1411958 11.24

TBA_d10 = t-Butyl alcohol-d₁₀ (IS)

FB = Fluorobenzene (IS)

CBZ_d5 = Chlorobenzene-d₅ (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-711513/3 Date Analyzed: 10/09/2025 10:49

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): FC08X52.D Heated Purge: (Y/N) N

Calibration ID: 77382

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		995133	13.13				
UPPER LIMIT		1990266	13.63				
LOWER LIMIT		497567	12.63				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-711513/4		974213	13.13				
LCSD 410-711513/5		993431	13.13				
MB 410-711513/7		868171	13.13				
410-244152-12	HD-MW-65S-0/1-0	840241	13.13				
410-244152-13	HD-MW-20M-0/1-0	808823	13.13				
410-244152-14	HD-MW-14-0/1-0	794691	13.13				
410-244152-15	HD-MW-22-0/1-0	829186	13.13				
410-244152-16	HD-MW-108S-0/1-0	814970	13.13				
410-244152-17	HD-MW-165-0/1-0	807238	13.13				
410-244152-19	HD-MW-3-0/1-0	788828	13.13				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-683596/16 Date Analyzed: 08/11/2025 20:20

Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): 5G11X15.D Heated Purge: (Y/N) N

Calibration ID: 75615

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		357311	3.44	1071785	6.88	790651	10.66
UPPER LIMIT		714622	3.94	2143570	7.38	1581302	11.16
LOWER LIMIT		178656	2.94	535893	6.38	395326	10.16
LAB SAMPLE ID		CLIENT SAMPLE ID					
ICV 410-683596/20		371484	3.43	1049662	6.88	770869	10.66
CCVIS 410-710460/3		377489	3.47	1258452	6.91	881362	10.61

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Job No.: 410-244152-1

Sample No.: ICIS 410-683596/16

Date Analyzed: 08/11/2025 20:20

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration ID: 75615

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		444991	12.66				
UPPER LIMIT		889982	13.16				
LOWER LIMIT		222496	12.16				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-683596/20		443425	12.66				
CCVIS 410-710460/3		554640	12.58				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

```
# Column used to flag values outside QC limits
```

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-710460/3 Date Analyzed: 10/07/2025 22:27

Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): 5C07X52.D Heated Purge: (Y/N) N

Calibration ID: 75615

	TBAd10		FB		CBZd5	
	AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD	377489	3.47	1258452	6.91	881362	10.61
UPPER LIMIT	754978	3.97	2516904	7.41	1762724	11.11
LOWER LIMIT	188745	2.97	629226	6.41	440681	10.11
LAB SAMPLE ID	CLIENT SAMPLE ID					
LCS 410-710460/5		357367	3.46	1152759	6.91	785672 10.61
LCSD 410-710460/6		375281	3.45	1166926	6.90	795291 10.61
MB 410-710460/8		377776	3.46	1186553	6.91	780144 10.61
410-244152-18	HD-QC1-0/1-2	333719	3.48	1031950	6.91	685302 10.62
410-244152-1	HD-MW-101S-0/1-0	342252	3.49	1046006	6.91	687828 10.61
410-244152-2	HD-MW-101D-0/1-0	338301	3.48	1053021	6.91	696202 10.61
410-244152-3	HD-MW-6-0/1-0	336907	3.47	1023044	6.91	673004 10.61
410-244152-4	HD-MW-5-0/1-0	353035	3.48	1092318	6.91	730707 10.62
410-244152-5	HD-MW-88-0/1-0	354806	3.48	1072199	6.91	719638 10.62
410-244152-6	HD-QC1-0/1-3	337807	3.48	1071430	6.91	697524 10.61
410-244152-7	HD-QC1-0/1-4	342390	3.48	1056685	6.91	700757 10.62
410-244152-8	HD-MW-166-0/1-0	344741	3.46	1086625	6.91	717162 10.61
410-244152-9	HD-MW-167-0/1-0	331085	3.49	977923	6.91	645995 10.62

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.:

Sample No.: CCVIS 410-710460/3 Date Analyzed: 10/07/2025 22:27

Instrument ID: 26285 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): 5C07X52.D Heated Purge: (Y/N) N

Calibration ID: 75615

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		554640	12.58				
UPPER LIMIT		1109280	13.08				
LOWER LIMIT		277320	12.08				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-710460/5		491332	12.58				
LCSD 410-710460/6		496502	12.58				
MB 410-710460/8		487011	12.58				
410-244152-18	HD-QC1-0/1-2	425723	12.58				
410-244152-1	HD-MW-101S-0/1-0	422857	12.58				
410-244152-2	HD-MW-101D-0/1-0	430197	12.58				
410-244152-3	HD-MW-6-0/1-0	415310	12.58				
410-244152-4	HD-MW-5-0/1-0	458330	12.58				
410-244152-5	HD-MW-88-0/1-0	445223	12.58				
410-244152-6	HD-QC1-0/1-3	439115	12.58				
410-244152-7	HD-QC1-0/1-4	439496	12.59				
410-244152-8	HD-MW-166-0/1-0	441507	12.58				
410-244152-9	HD-MW-167-0/1-0	397201	12.58				

DCBd4 = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
 RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: ICIS 410-702728/16 Date Analyzed: 09/22/2025 19:30

Instrument ID: 7159 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): NS22X16.D Heated Purge: (Y/N) N

Calibration ID: 76951

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		311876	4.53	1071830	8.00	885200	11.35
UPPER LIMIT		623752	5.03	2143660	8.50	1770400	11.85
LOWER LIMIT		155938	4.03	535915	7.50	442600	10.85
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-702728/20		339065	4.52	1037385	8.00	829383	11.35
CCVIS 410-711283/3		434399	4.50	1389482	7.99	973810	11.35

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Job No.: 410-244152-1

Sample No.: ICIS 410-702728/16

Date Analyzed: 09/22/2025 19:30

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration ID: 76951

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		518690	13.19				
UPPER LIMIT		1037380	13.69				
LOWER LIMIT		259345	12.69				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-702728/20		514532	13.19				
CCVIS 410-711283/3		517627	13.20				

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

FORM VIII 8260D

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
 Environment Testing, LLC

SDG No.: _____

Sample No.: CCVIS 410-711283/3 Date Analyzed: 10/09/2025 09:18

Instrument ID: 7159 GC Column: R-624SilMS 30m ID: 0.25 (mm)

Lab File ID (Standard): NC09X02.D Heated Purge: (Y/N) N

Calibration ID: 76951

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		434399	4.50	1389482	7.99	973810	11.35
UPPER LIMIT		868798	5.00	2778964	8.49	1947620	11.85
LOWER LIMIT		217200	4.00	694741	7.49	486905	10.85
LAB SAMPLE ID		CLIENT SAMPLE ID					
LCS 410-711283/4		445959	4.51	1276718	8.00	886191	11.35
LCSD 410-711283/5		407619	4.50	1282757	7.99	913870	11.36
MB 410-711283/7		441433	4.52	1279704	7.99	907134	11.36
410-244152-10	HD-MW-168-0/1-0	447594	4.56	1382608	7.99	958281	11.36
410-244152-11	HD-MW-108D-0/1-0	437337	4.52	1364194	7.99	957827	11.35

TBAd10 = t-Butyl alcohol-d10 (IS)

FB = Fluorobenzene (IS)

CBZd5 = Chlorobenzene-d5 (IS)

Area Limit = 50%-200% of internal standard area

RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Job No.: 410-244152-1

Sample No.: CCVIS 410-711283/3

Date Analyzed: 10/09/2025 09:18

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Heated Purge: (Y/N) N

Calibration ID: 76951

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		517627	13.20				
UPPER LIMIT		1035254	13.70				
LOWER LIMIT		258814	12.70				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-711283/4		489076	13.20				
LCSD 410-711283/5		509737	13.20				
MB 410-711283/7		507994	13.20				
410-244152-10	HD-MW-168-0/1-0	540361	13.20				
410-244152-11	HD-MW-108D-0/1-0	535894	13.20				

Area Limit = 50%-200% of internal standard area
RT Limit = $\pm$ 0.5 minutes of internal standard RT

FORM VIII 8260D

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-101S-0/1-0

Lab Sample ID: 410-244152-1

Matrix: Water

Lab File ID: 5C07X63.D

Analysis Method: 8260D

Date Collected: 09/24/2025 12:27

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 02:11

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.39	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	4.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-101S-0/1-0 Lab Sample ID: 410-244152-1

Matrix: Water Lab File ID: 5C07X63.D

Analysis Method: 8260D Date Collected: 09/24/2025 12:27

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 02:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.61	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	109		80-120
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D
 Lims ID: 410-244152-B-1
 Client ID: HD-MW-101S-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 02:11:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-014
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 14:00:25 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:00:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.488	3.469	0.019	54	342252	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96	5.262	5.268	-0.006	10	2169	0.3867	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	92	306100	54.5	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.456	0.007	49	64391	52.8	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1046006	50.0	
67 Trichloroethene	95	7.401	7.401	0.000	88	3299	0.6050	Ma
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	934408	51.4	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166	9.718	9.712	0.006	96	21704	4.20	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	87	687828	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	96	320970	48.1	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	422857	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 08-Oct-2025 14:00:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D

Injection Date: 08-Oct-2025 02:11:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-B-1

Lab Sample ID: 410-244152-1

Worklist Smp#: 14

Client ID: HD-MW-101S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

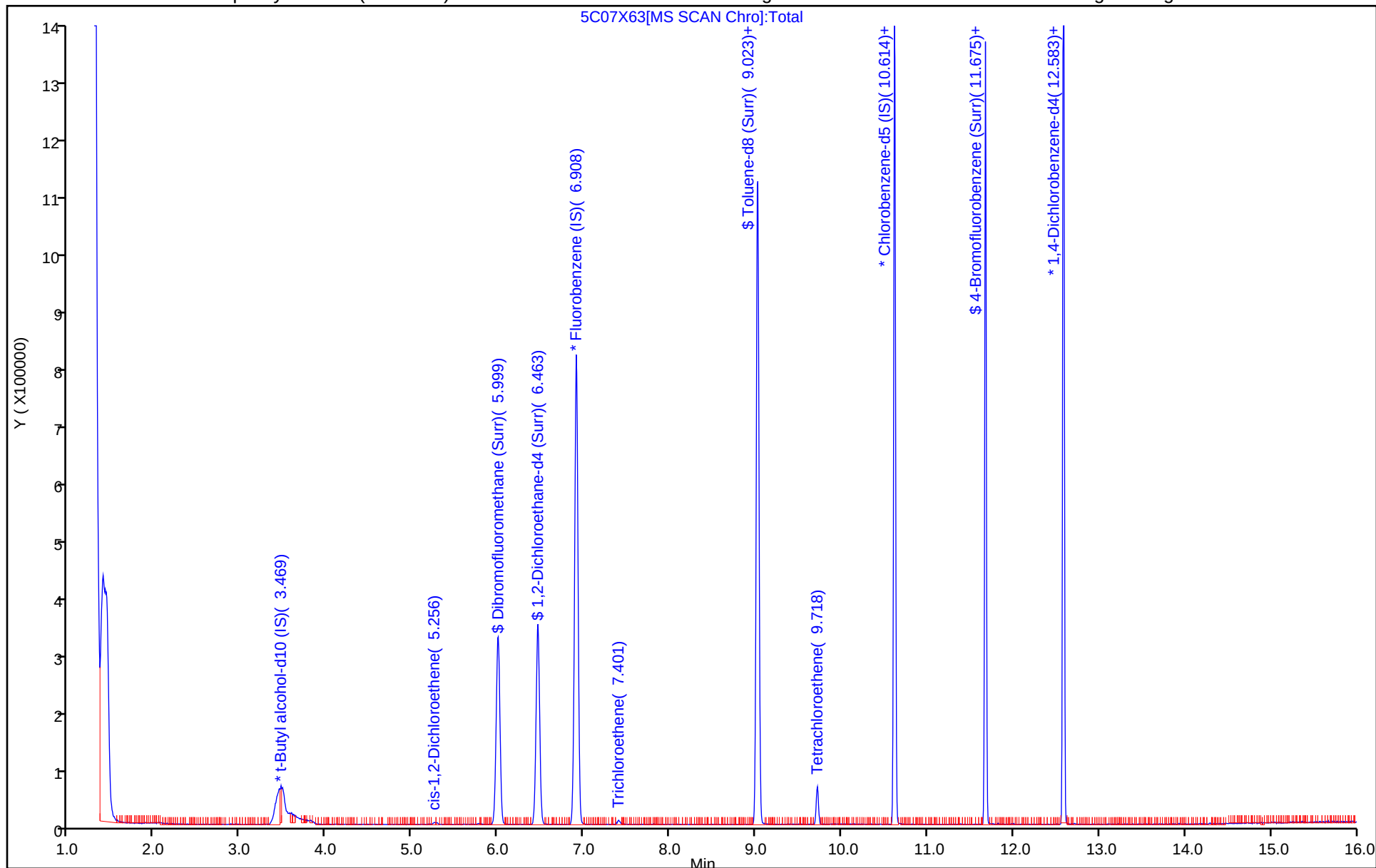
ALS Bottle#: 13

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D
Lims ID: 410-244152-B-1
Client ID: HD-MW-101S-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 02:11:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-014
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 14:00:25 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:00:25

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.5	109.09
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	52.8	105.59
\$ 84 Toluene-d8 (Surr)	50.0	51.4	102.73
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.1	96.26

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D

Injection Date: 08-Oct-2025 02:11:30

Instrument ID: 26285

Lims ID: 410-244152-B-1

Lab Sample ID: 410-244152-1

Client ID: HD-MW-101S-0/1-0

Operator ID: KEL87800

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

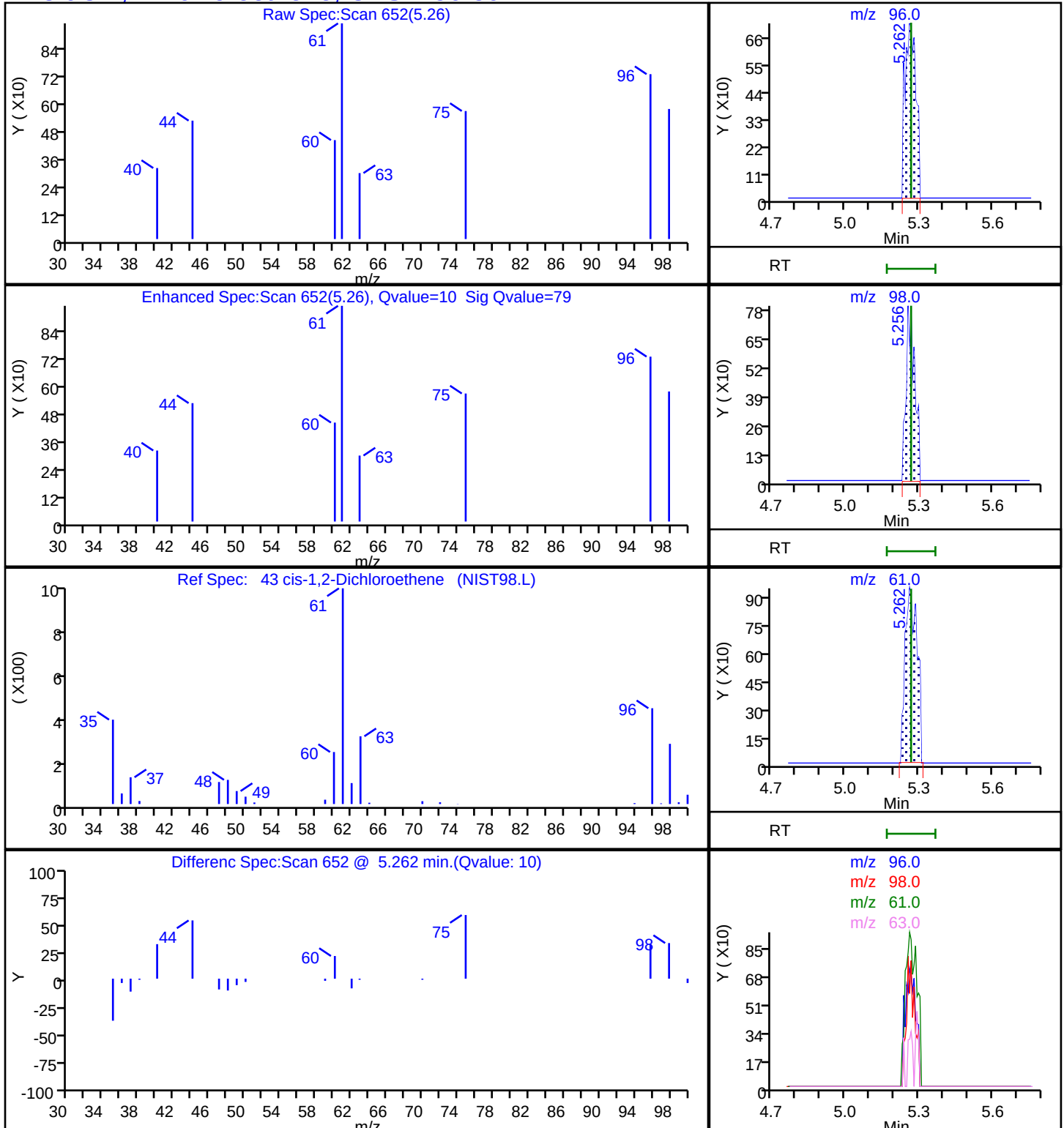
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D

Injection Date: 08-Oct-2025 02:11:30

Instrument ID: 26285

Lims ID: 410-244152-B-1

Lab Sample ID: 410-244152-1

Client ID: HD-MW-101S-0/1-0

Operator ID: KEL87800

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

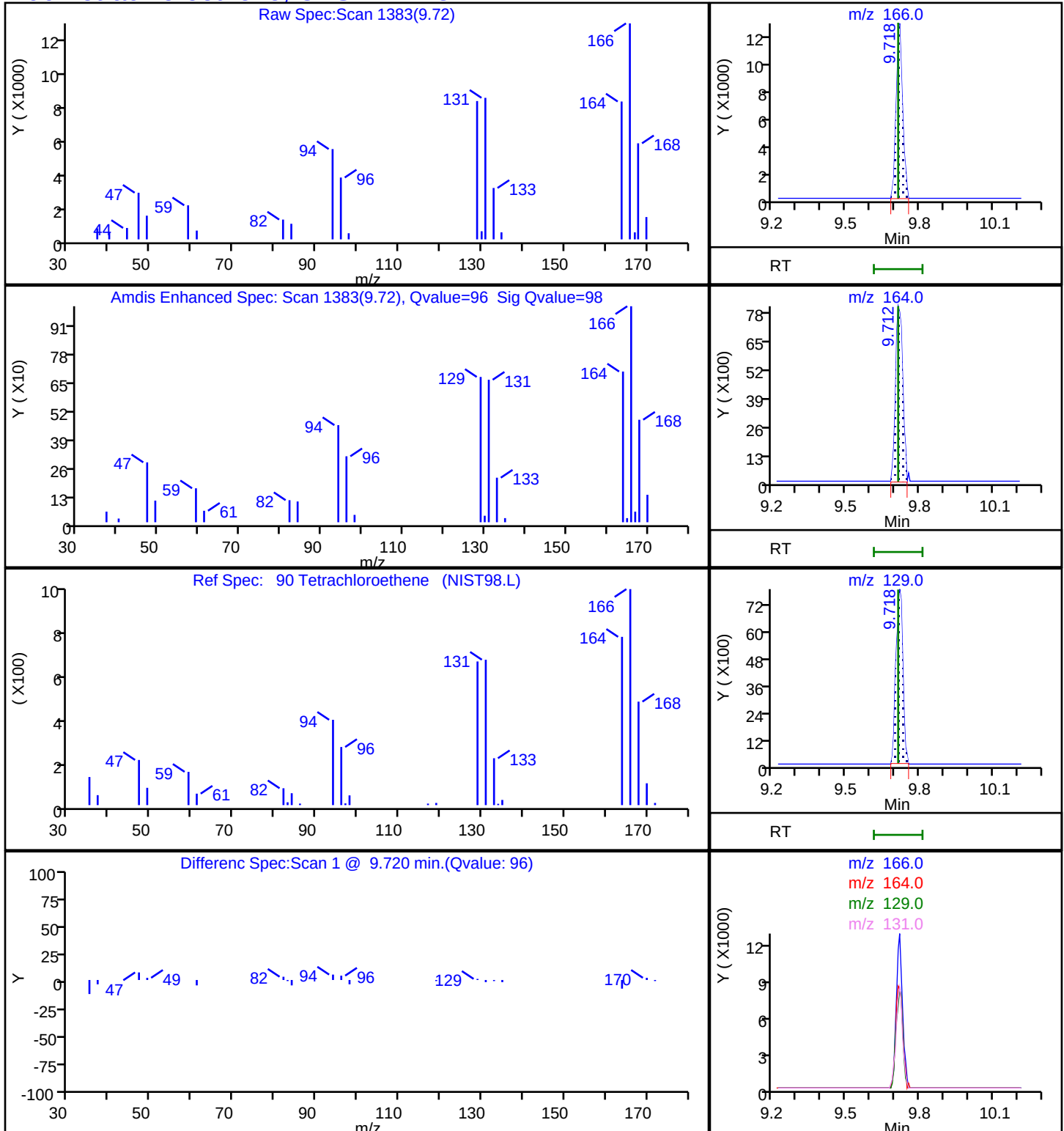
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

90 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D

Injection Date: 08-Oct-2025 02:11:30

Instrument ID: 26285

Lims ID: 410-244152-B-1

Lab Sample ID: 410-244152-1

Client ID: HD-MW-101S-0/1-0

Operator ID: KEL87800

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

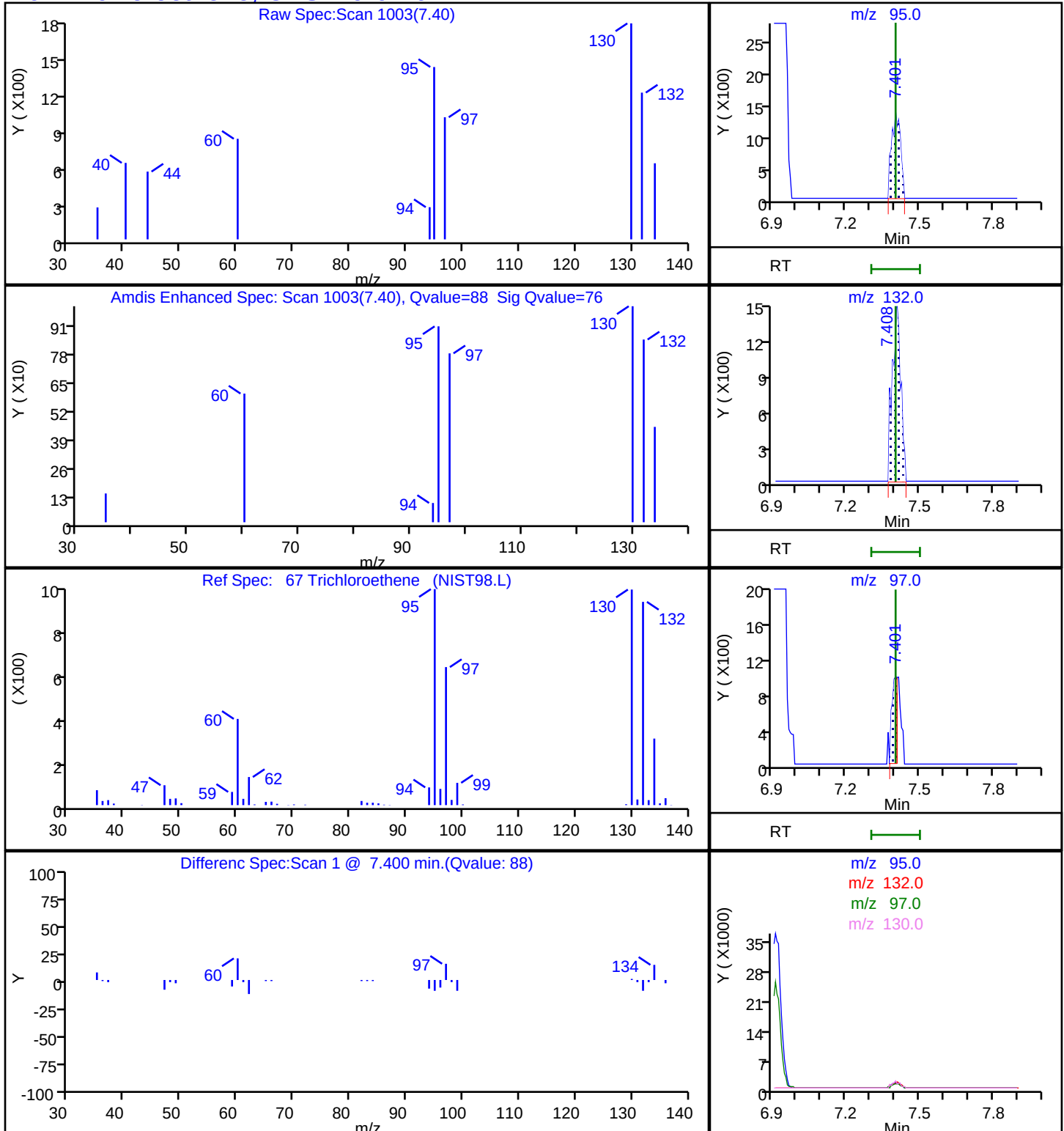
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

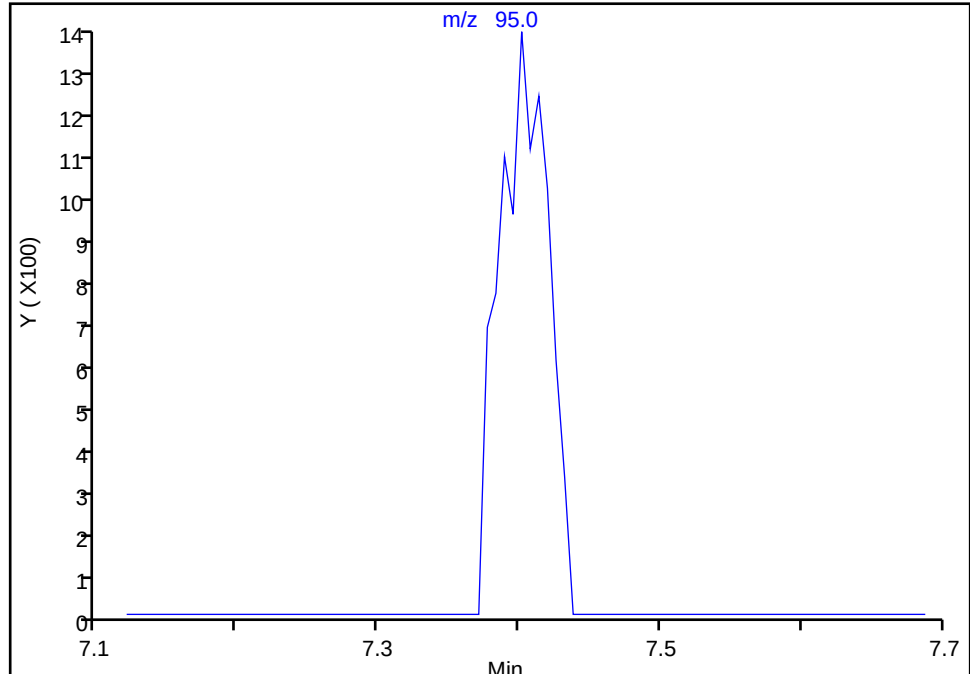
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X63.D
Injection Date: 08-Oct-2025 02:11:30 Instrument ID: 26285
Lims ID: 410-244152-B-1 Lab Sample ID: 410-244152-1
Client ID: HD-MW-101S-0/1-0
Operator ID: KEL87800 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

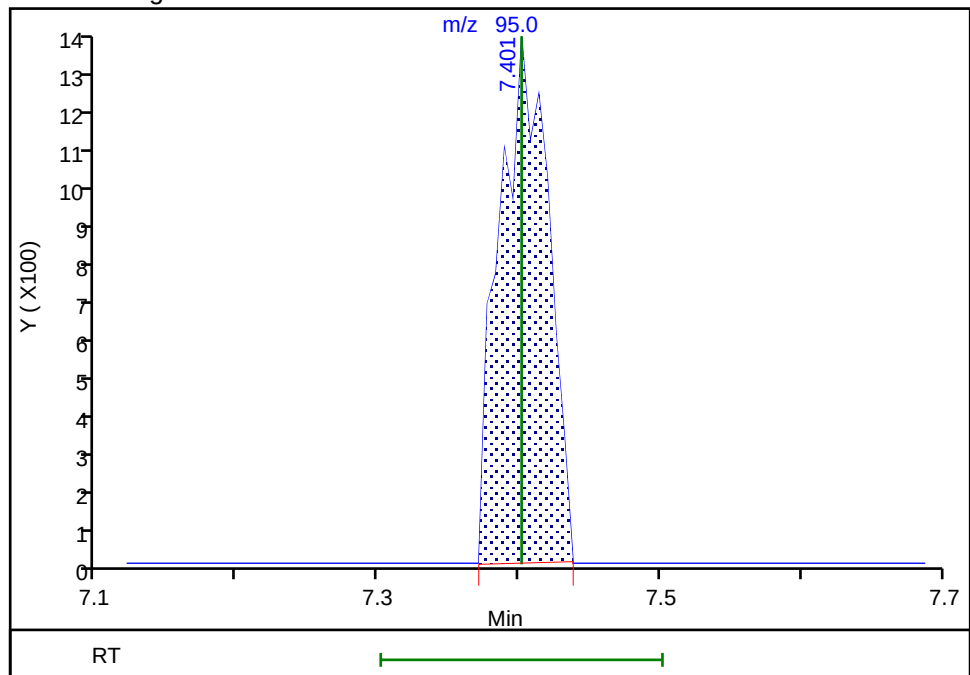
Not Detected
Expected RT: 7.40

Processing Integration Results



RT: 7.40
Area: 3299
Amount: 0.605019
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 08-Oct-2025 14:00:07 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-101D-0/1-0

Lab Sample ID: 410-244152-2

Matrix: Water

Lab File ID: 5C07X64.D

Analysis Method: 8260D

Date Collected: 09/24/2025 11:25

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 02:31

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.34	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	6.8		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	4.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-101D-0/1-0 Lab Sample ID: 410-244152-2

Matrix: Water Lab File ID: 5C07X64.D

Analysis Method: 8260D Date Collected: 09/24/2025 11:25

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 02:31

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	4.2		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	110		80-120
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D
 Lims ID: 410-244152-A-2
 Client ID: HD-MW-101D-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 02:31:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-015
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 14:01:05 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:01:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.482	3.469	0.013	54	338301	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	U
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96	5.262	5.268	-0.006	82	38662	6.85	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83	5.786	5.774	0.012	11	3253	0.3396	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	93	309461	54.8	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.456	0.007	49	66563	54.2	
60 Benzene	78		6.481				ND	7
61 1,2-Dichloroethane	62		6.566				ND	7
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1053021	50.0	
67 Trichloroethene	95	7.401	7.401	0.000	96	23206	4.23	
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	947640	51.5	
86 Toluene	92		9.108				ND	7
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166	9.718	9.712	0.006	94	22980	4.39	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	86	696202	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	7
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	327718	48.6	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	430197	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 08-Oct-2025 14:01:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D

Injection Date: 08-Oct-2025 02:31:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-A-2

Lab Sample ID: 410-244152-2

Worklist Smp#: 15

Client ID: HD-MW-101D-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

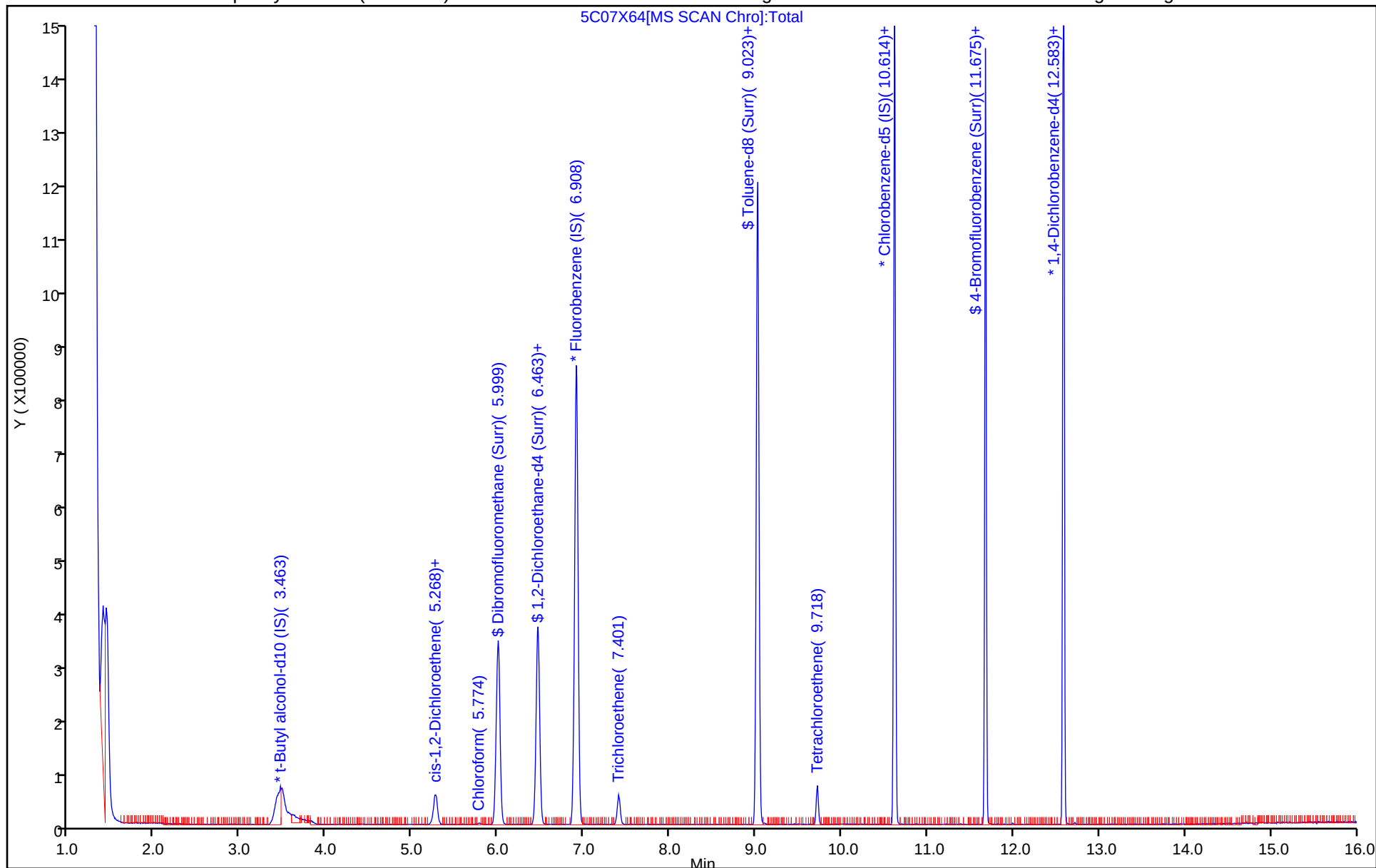
ALS Bottle#: 14

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D
Lims ID: 410-244152-A-2
Client ID: HD-MW-101D-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 02:31:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-015
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 14:01:05 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:01:05

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.8	109.55
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	54.2	108.43
\$ 84 Toluene-d8 (Surr)	50.0	51.5	102.93
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.6	97.10

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D

Injection Date: 08-Oct-2025 02:31:30

Instrument ID: 26285

Lims ID: 410-244152-A-2

Lab Sample ID: 410-244152-2

Client ID: HD-MW-101D-0/1-0

Operator ID: KEL87800

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

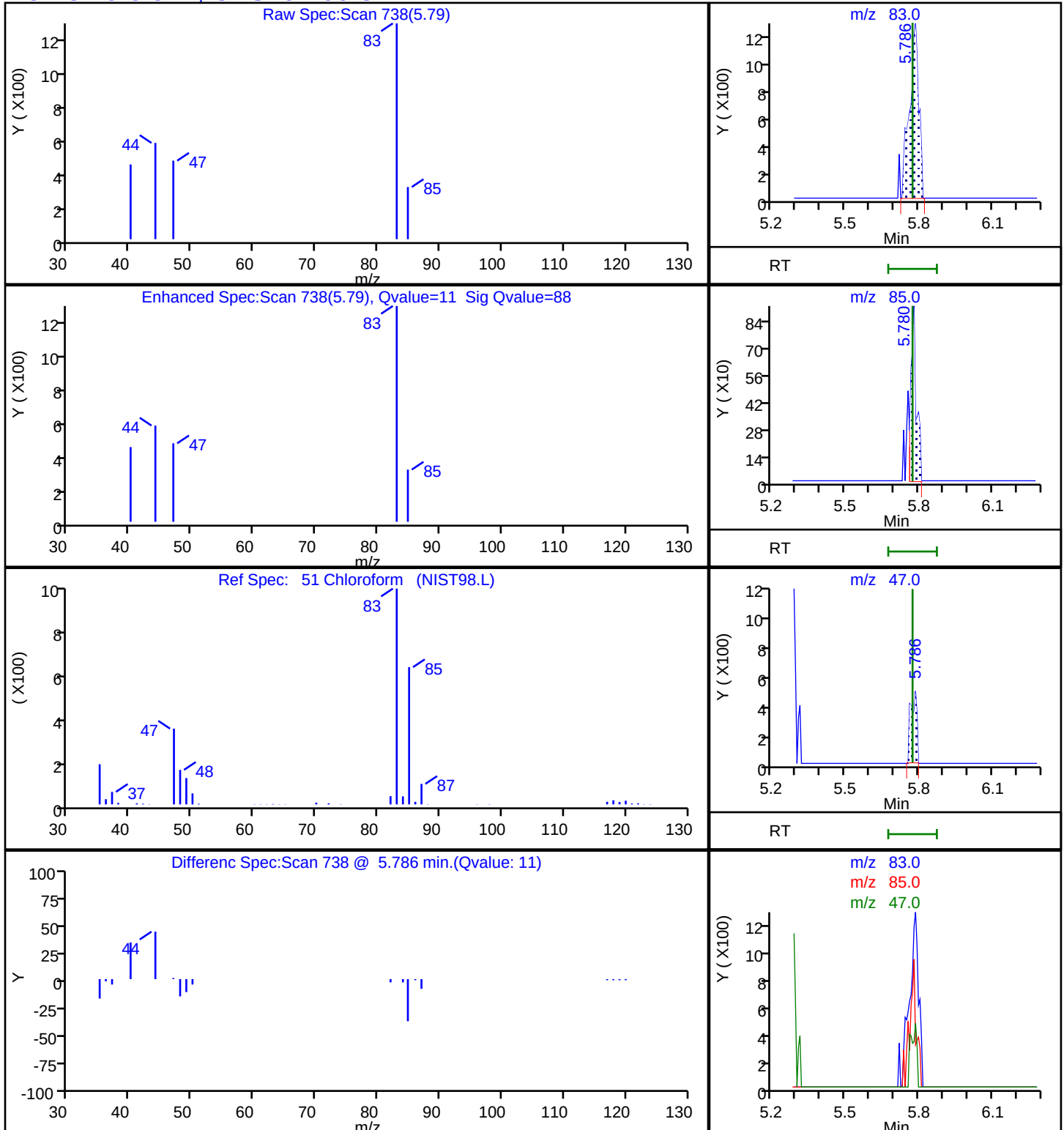
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 150 m

MS Quad

51 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D

Injection Date: 08-Oct-2025 02:31:30

Instrument ID: 26285

Lims ID: 410-244152-A-2

Lab Sample ID: 410-244152-2

Client ID: HD-MW-101D-0/1-0

Operator ID: KEL87800

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

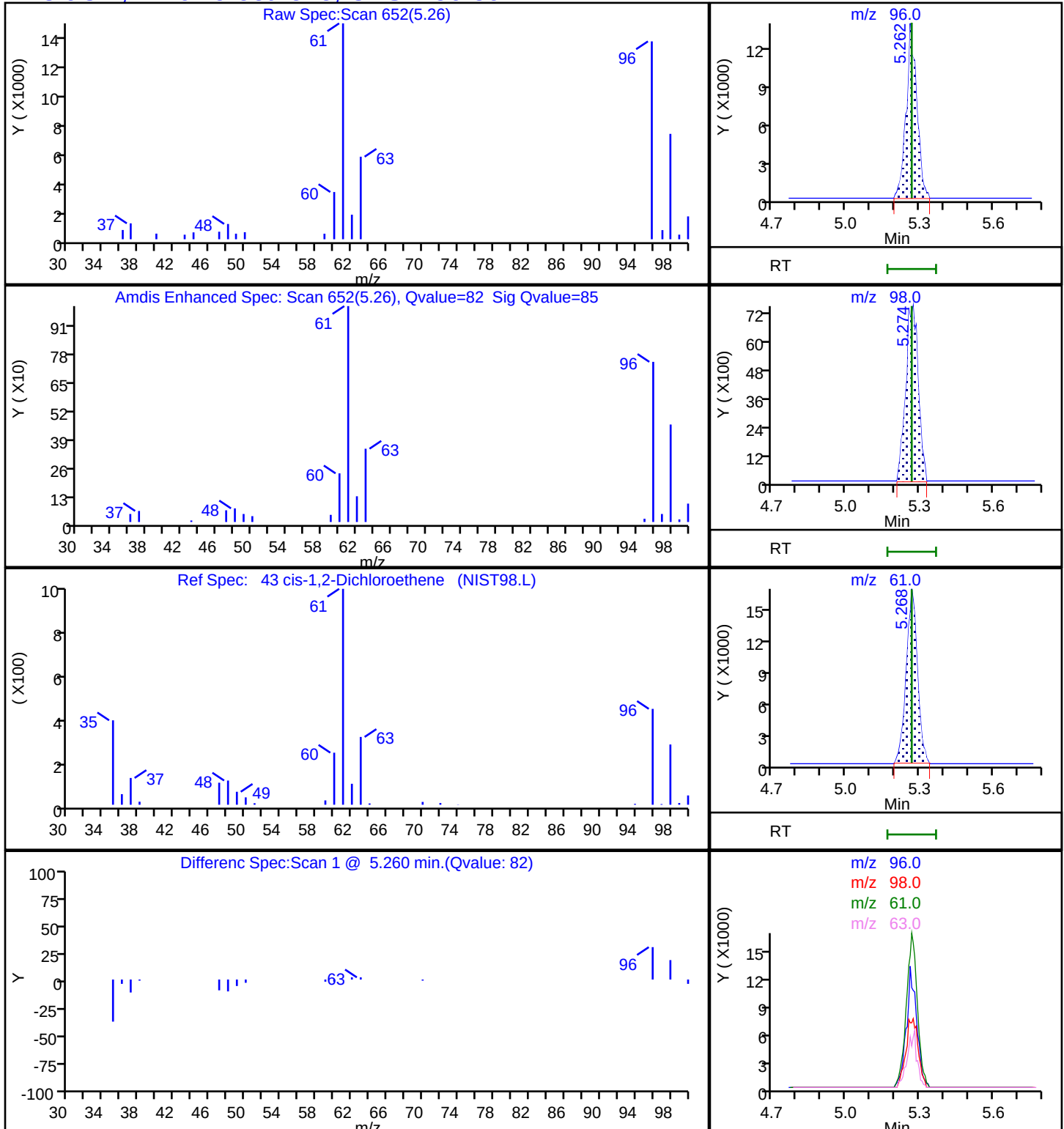
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D

Injection Date: 08-Oct-2025 02:31:30

Instrument ID: 26285

Lims ID: 410-244152-A-2

Lab Sample ID: 410-244152-2

Client ID: HD-MW-101D-0/1-0

Operator ID: KEL87800

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

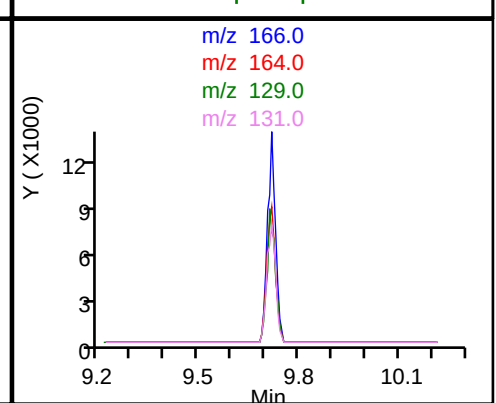
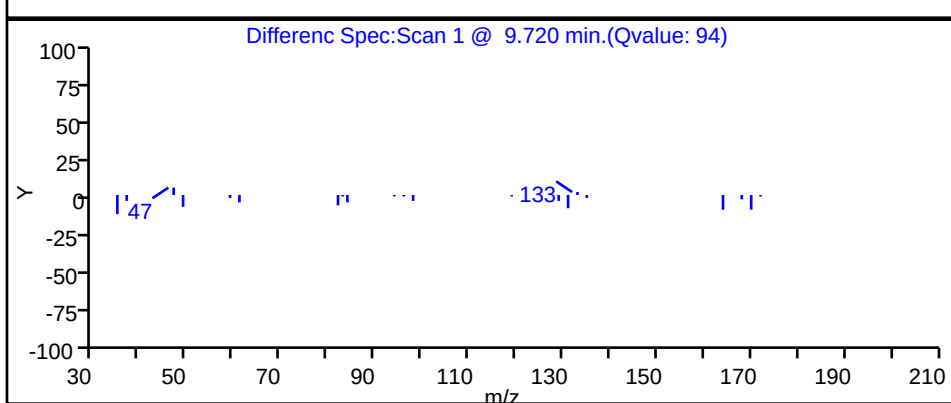
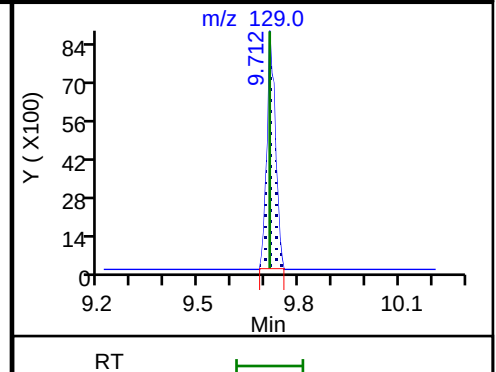
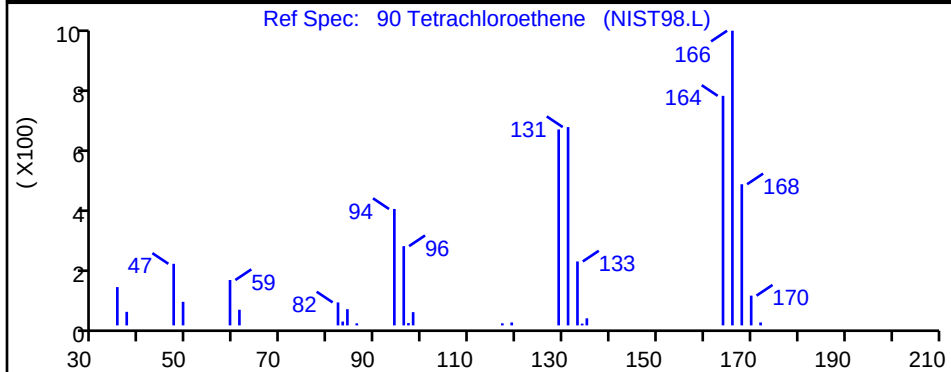
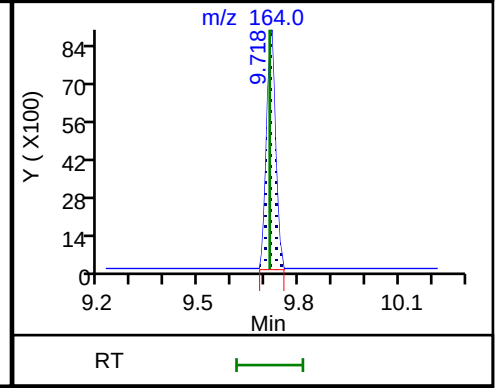
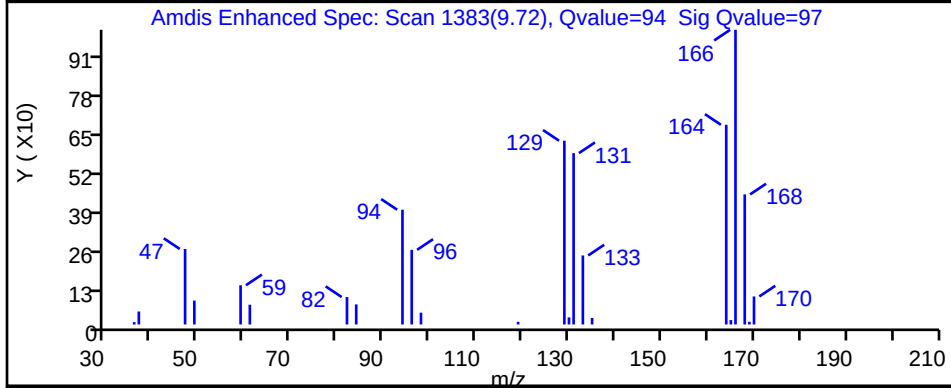
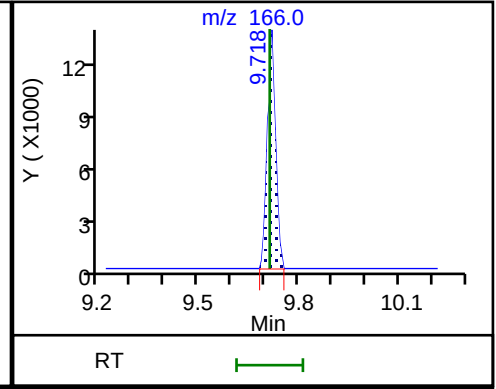
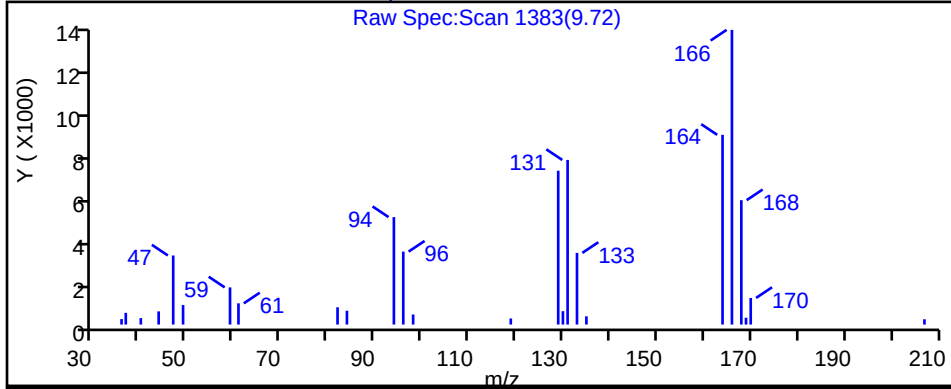
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

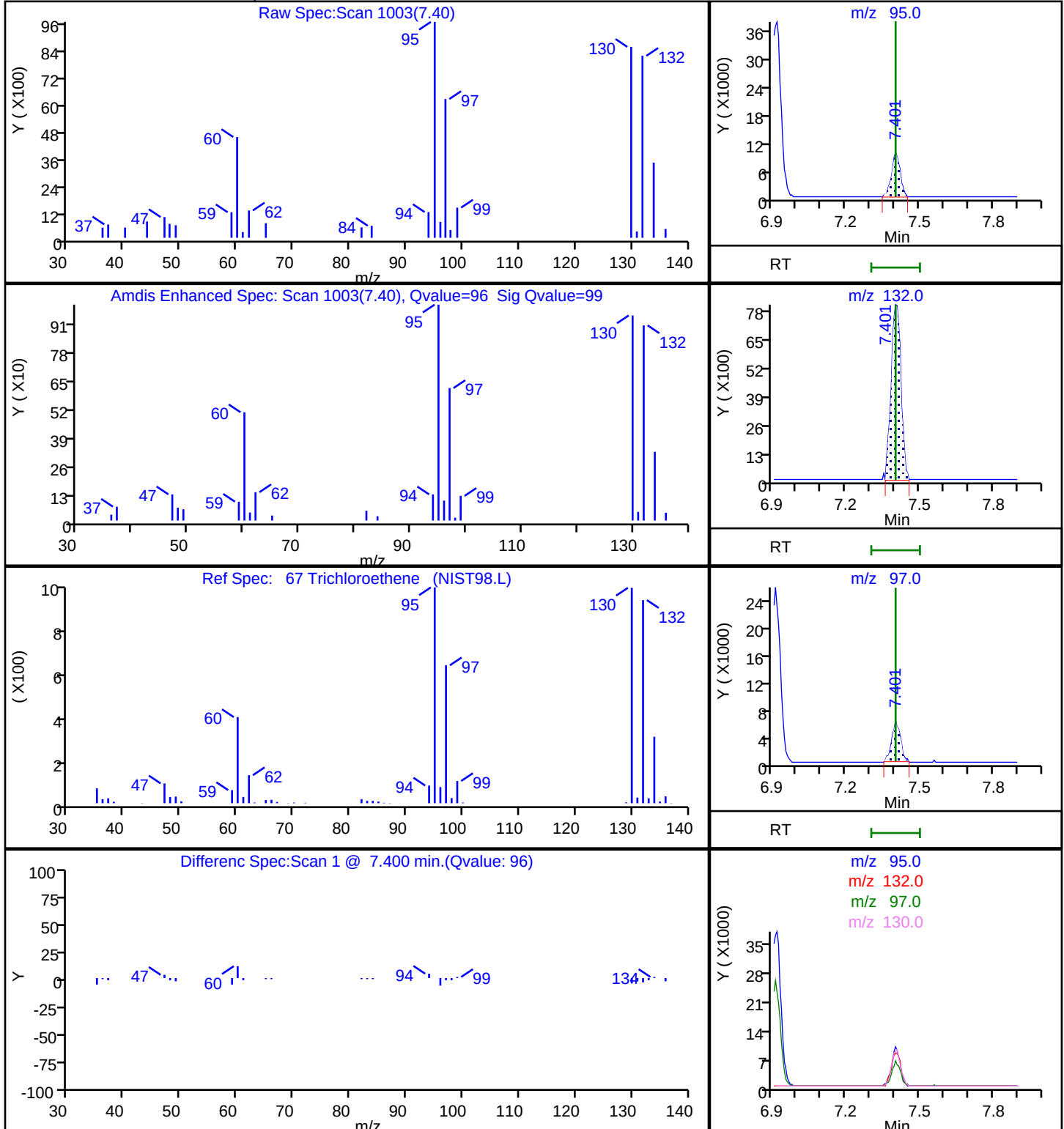
Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

90 Tetrachloroethene, CAS: 127-18-4

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D
Injection Date: 08-Oct-2025 02:31:30 Instrument ID: 26285
Lims ID: 410-244152-A-2 Lab Sample ID: 410-244152-2
Client ID: HD-MW-101D-0/1-0
Operator ID: KEL87800 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X64.D

Injection Date: 08-Oct-2025 02:31:30

Instrument ID: 26285

Lims ID: 410-244152-A-2

Lab Sample ID: 410-244152-2

Client ID: HD-MW-101D-0/1-0

Operator ID: KEL87800

ALS Bottle#: 14 Worklist Smp#: 15

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: MSVoa_26285a

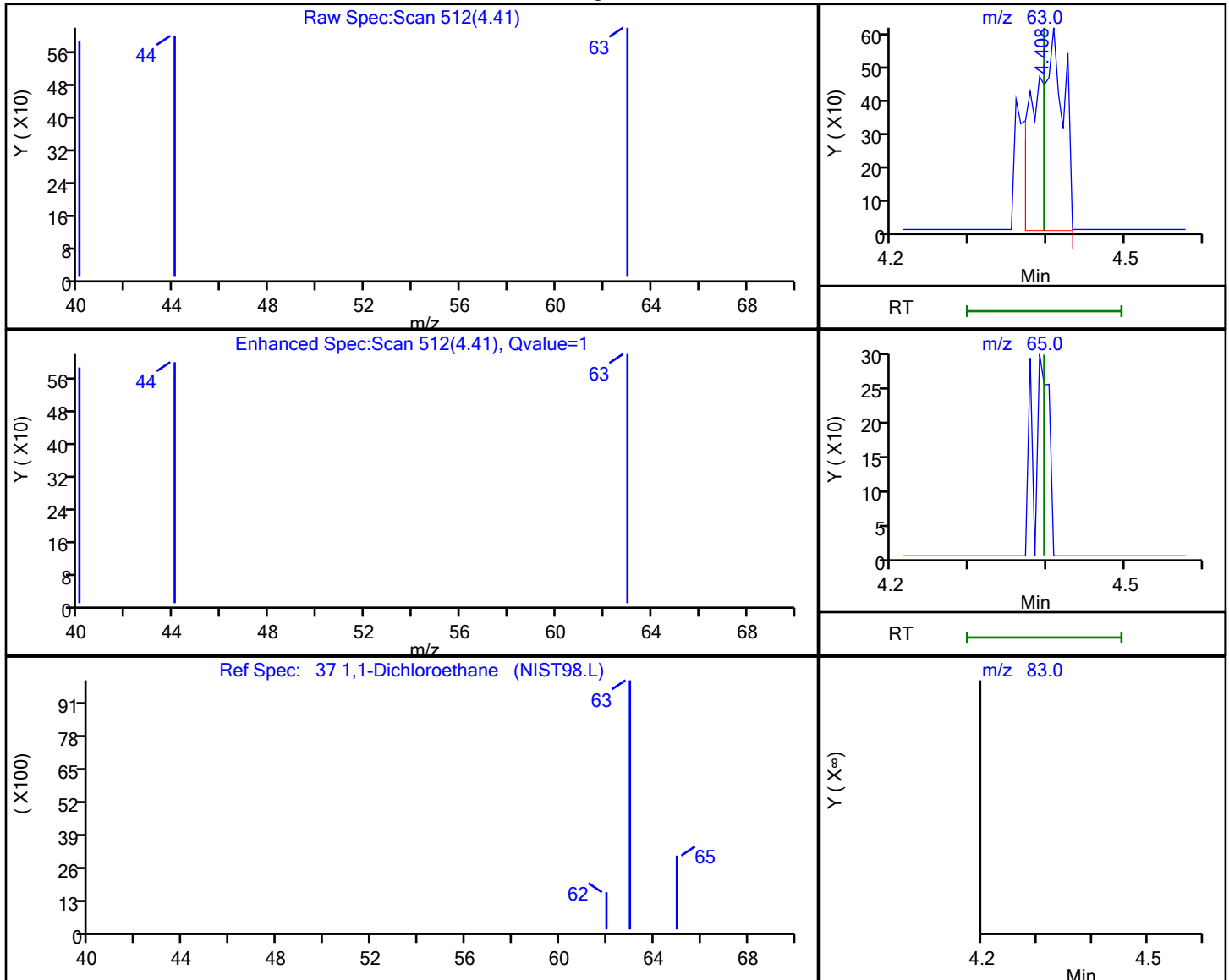
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

37 1,1-Dichloroethane, CAS: 75-34-3

Processing Results



RT	Mass	Response	Amount
4.41	63.00	1573	0.169310
4.40	65.00	0	
4.40	83.00	0	

Reviewer: FQ4L, 08-Oct-2025 14:00:46 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-6-0/1-0

Lab Sample ID: 410-244152-3

Matrix: Water

Lab File ID: 5C07X65.D

Analysis Method: 8260D

Date Collected: 09/24/2025 13:42

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 02:52

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.90	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-6-0/1-0 Lab Sample ID: 410-244152-3

Matrix: Water Lab File ID: 5C07X65.D

Analysis Method: 8260D Date Collected: 09/24/2025 13:42

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 02:52

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	109		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X65.D
 Lims ID: 410-244152-A-3
 Client ID: HD-MW-6-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 02:52:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-016
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 01:18:45 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:19:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.469	3.469	0.000	54	336907	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83	5.780	5.774	0.006	92	8398	0.9024	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.993	0.000	93	300319	54.7	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.457	6.456	0.001	49	63066	52.9	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	99	1023044	50.0	
67 Trichloroethene	95		7.401				ND	
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	94	906234	50.9	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166		9.712				ND	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	86	673004	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	310653	47.6	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	415310	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 08-Oct-2025 14:19:43

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X65.D

Injection Date: 08-Oct-2025 02:52:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-A-3

Lab Sample ID: 410-244152-3

Worklist Smp#: 16

Client ID: HD-MW-6-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

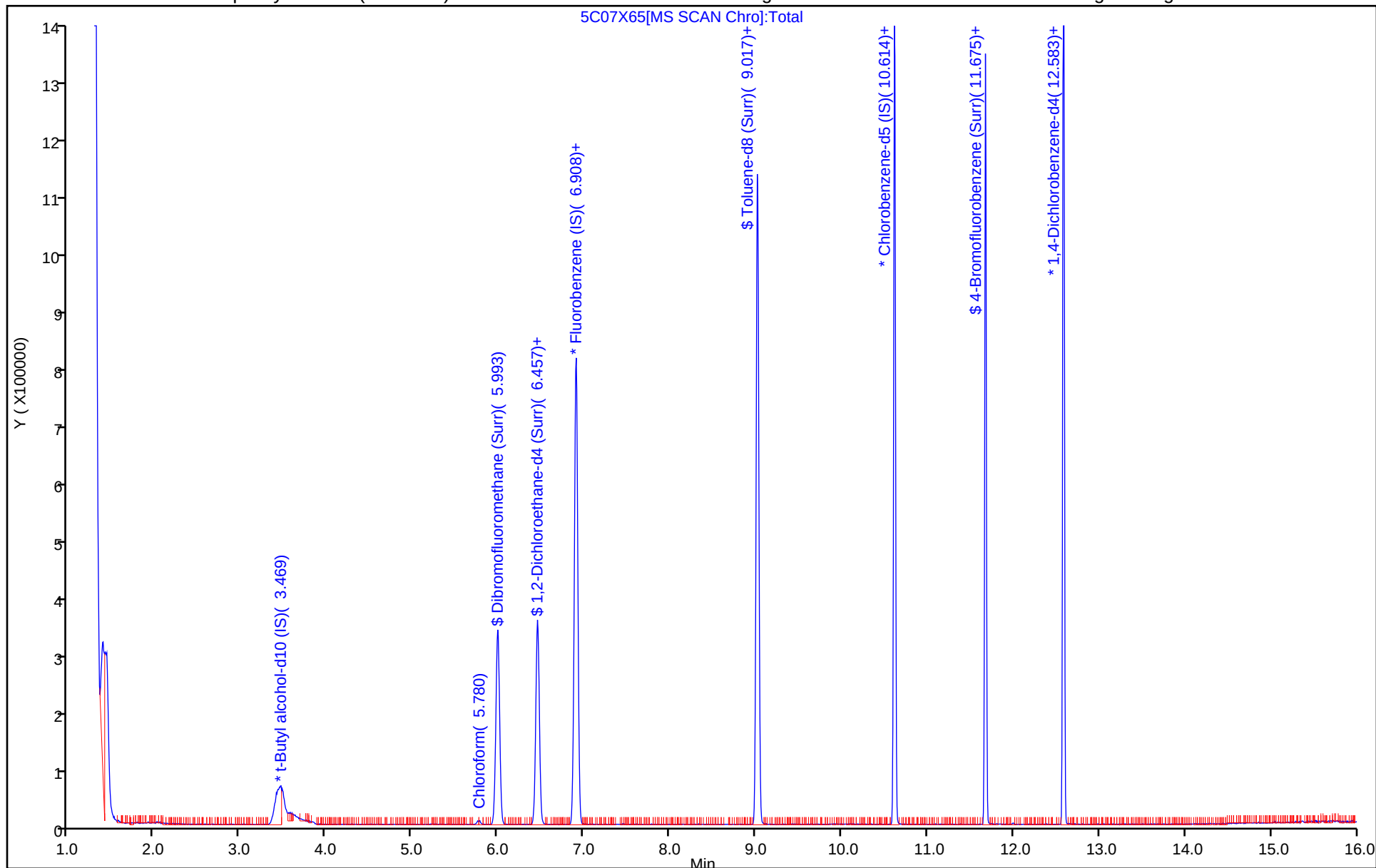
ALS Bottle#: 15

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X65.D
Lims ID: 410-244152-A-3
Client ID: HD-MW-6-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 02:52:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-016
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 01:18:45 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:19:42

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.7	109.43
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.74
\$ 84 Toluene-d8 (Surr)	50.0	50.9	101.83
\$ 145 4-Bromofluorobenzene (Surr)	50.0	47.6	95.22

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X65.D

Injection Date: 08-Oct-2025 02:52:30

Instrument ID: 26285

Lims ID: 410-244152-A-3

Lab Sample ID: 410-244152-3

Client ID: HD-MW-6-0/1-0

Operator ID: KEL87800

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

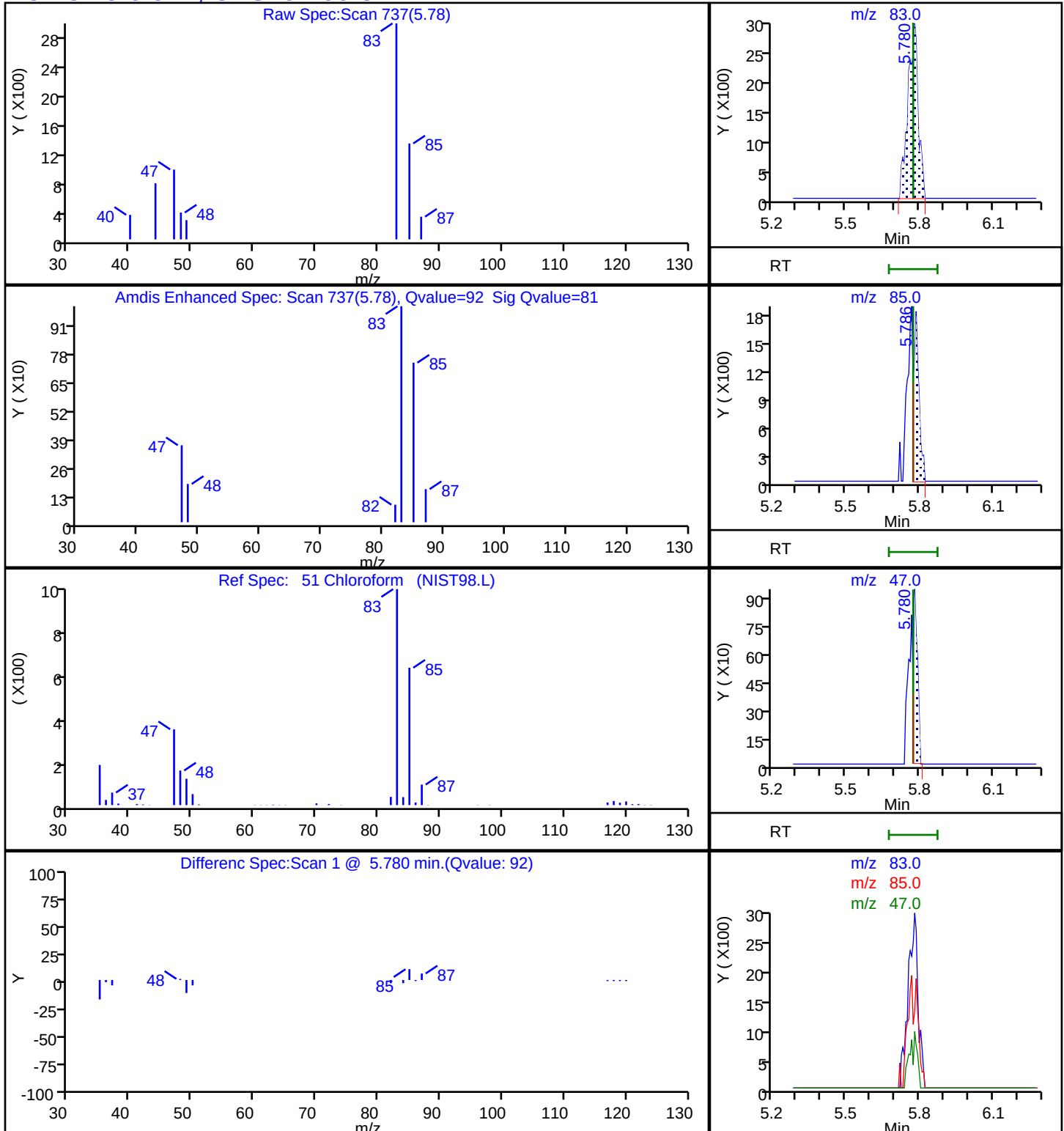
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

51 Chloroform, CAS: 67-66-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-5-0/1-0

Lab Sample ID: 410-244152-4

Matrix: Water

Lab File ID: 5C07X66.D

Analysis Method: 8260D

Date Collected: 09/24/2025 14:20

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 03:12

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	2.5		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-5-0/1-0 Lab Sample ID: 410-244152-4

Matrix: Water Lab File ID: 5C07X66.D

Analysis Method: 8260D Date Collected: 09/24/2025 14:20

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 03:12

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	110		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X66.D
 Lims ID: 410-244152-B-4
 Client ID: HD-MW-5-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 03:12:30 ALS Bottle#: 14 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-017
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 01:32:12 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:37:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.482	3.469	0.013	54	353035	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	7
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96	5.268	5.268	0.000	77	14917	2.55	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	93	321233	54.8	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.457	6.456	0.001	49	67731	53.2	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	99	1092318	50.0	
67 Trichloroethene	95		7.401				ND	
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	7
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	976402	50.5	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166		9.712				ND	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.614	0.006	86	730707	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	94	342280	48.3	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.584	12.583	0.001	94	458330	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 08-Oct-2025 14:37:14

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X66.D

Injection Date: 08-Oct-2025 03:12:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-B-4

Lab Sample ID: 410-244152-4

Worklist Smp#: 17

Client ID: HD-MW-5-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

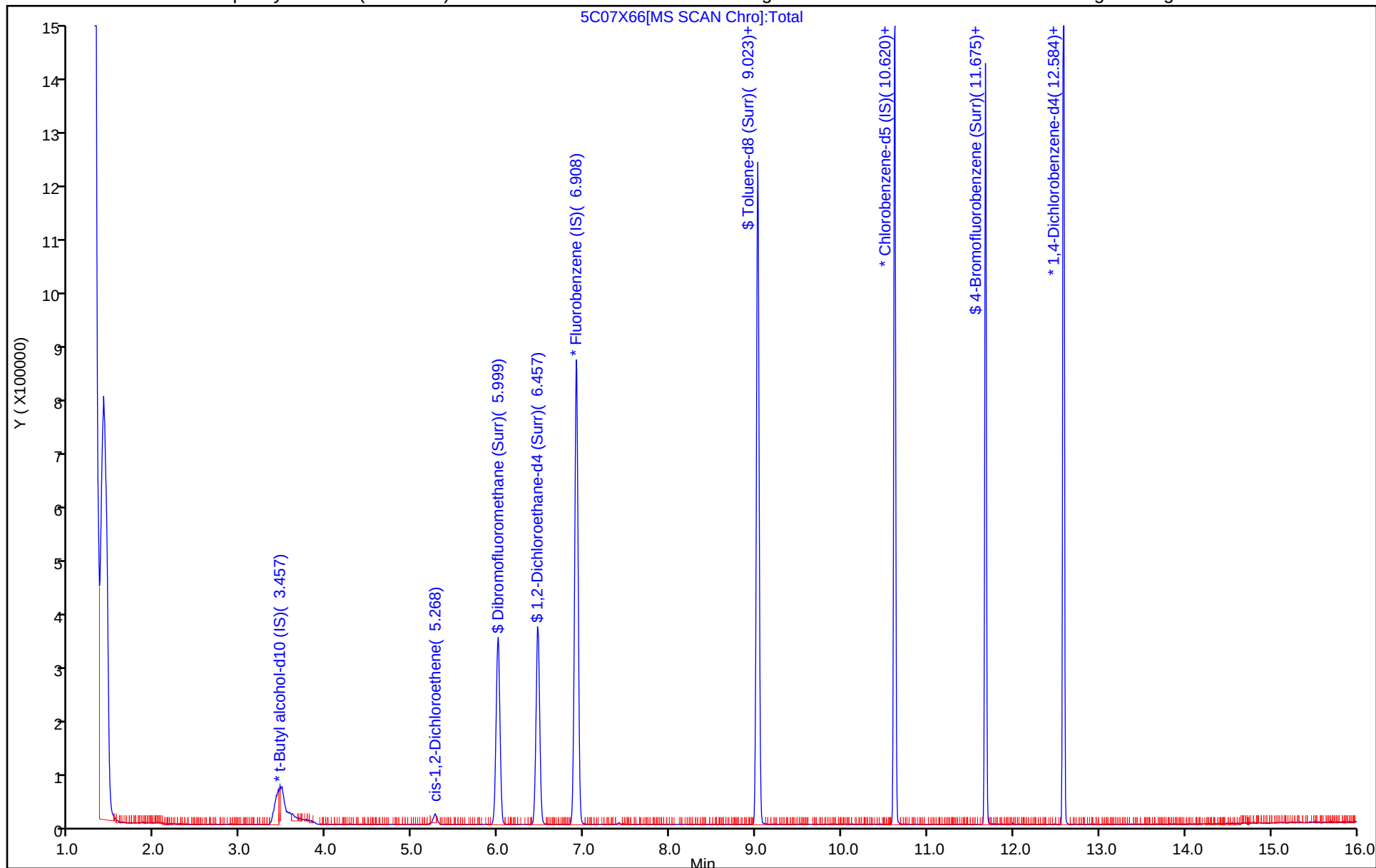
ALS Bottle#: 14

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X66.D
Lims ID: 410-244152-B-4
Client ID: HD-MW-5-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 03:12:30 ALS Bottle#: 14 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-017
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 01:32:12 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 14:37:13

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.8	109.63
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	53.2	106.36
\$ 84 Toluene-d8 (Surr)	50.0	50.5	101.05
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.3	96.63

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X66.D

Injection Date: 08-Oct-2025 03:12:30

Instrument ID: 26285

Lims ID: 410-244152-B-4

Lab Sample ID: 410-244152-4

Client ID: HD-MW-5-0/1-0

Operator ID: KEL87800

ALS Bottle#: 14

Worklist Smp#: 17

Purge Vol: 5.000 mL

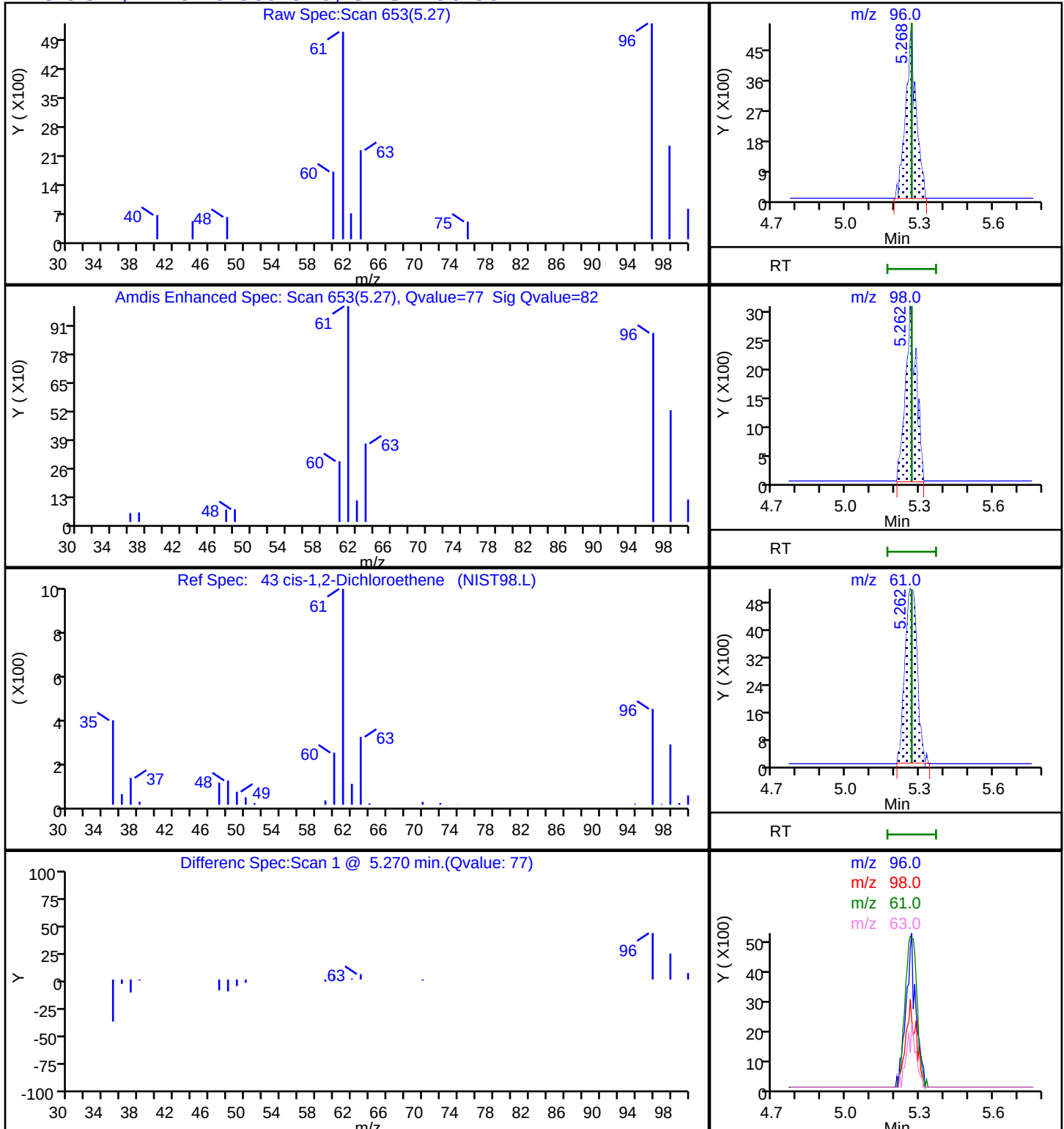
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 100 m

MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-88-0/1-0

Lab Sample ID: 410-244152-5

Matrix: Water

Lab File ID: 5C07X67.D

Analysis Method: 8260D

Date Collected: 09/24/2025 13:20

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 03:32

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	7.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-88-0/1-0 Lab Sample ID: 410-244152-5

Matrix: Water Lab File ID: 5C07X67.D

Analysis Method: 8260D Date Collected: 09/24/2025 13:20

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 03:32

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.64	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	111		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X67.D
 Lims ID: 410-244152-B-5
 Client ID: HD-MW-88-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 03:32:30 ALS Bottle#: 15 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-018
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 15:00:29 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 15:00:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.476	3.469	0.007	54	354806	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	93	318951	55.4	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.469	6.456	0.013	49	66130	52.9	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.914	6.908	0.006	98	1072199	50.0	
67 Trichloroethene	95	7.402	7.401	0.001	95	3605	0.6450	M
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	959589	50.4	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166	9.718	9.712	0.006	98	41552	7.68	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.614	0.006	86	719638	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	337426	48.4	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	445223	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

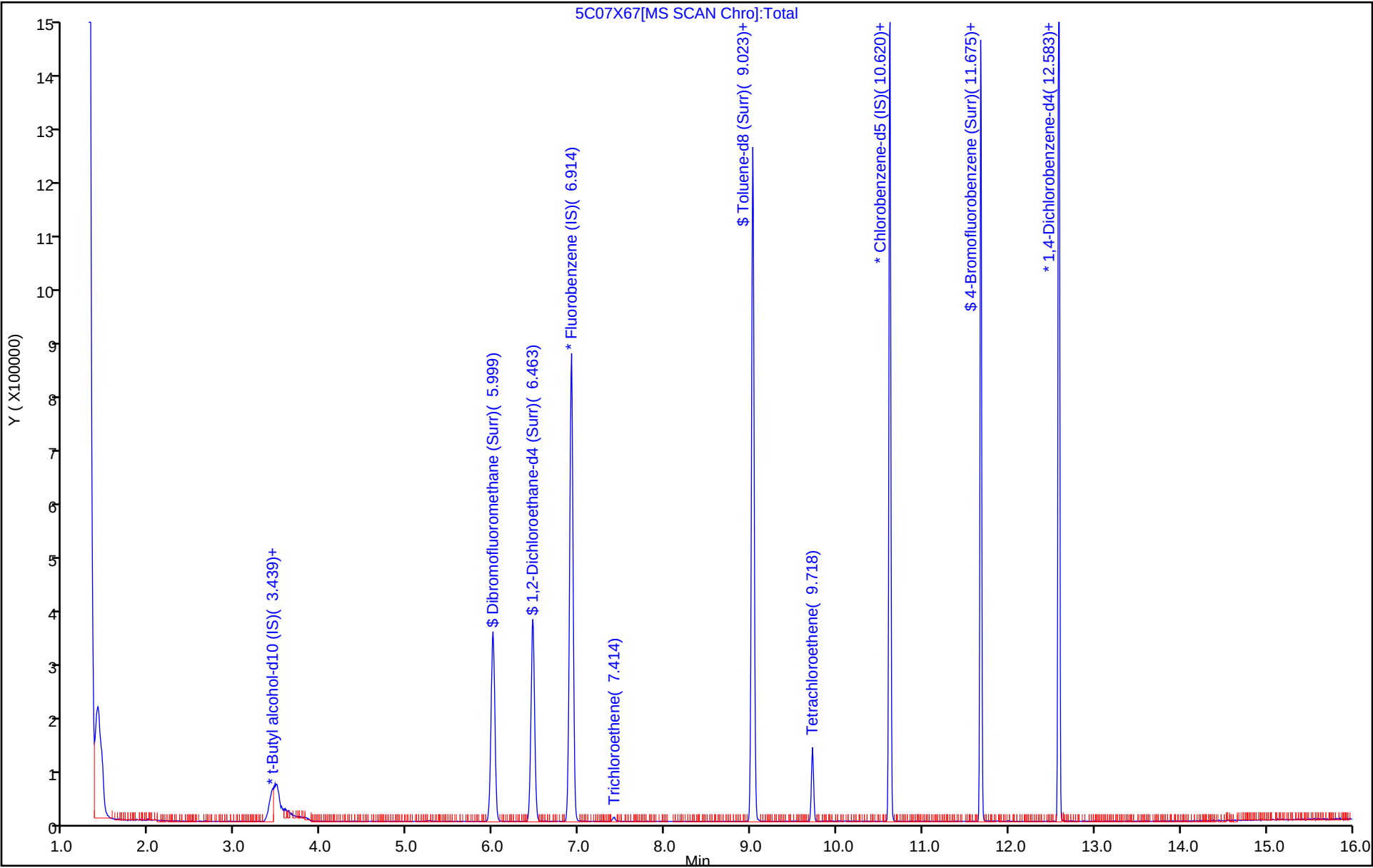
Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X67.D
Lims ID: 410-244152-B-5
Client ID: HD-MW-88-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 03:32:30 ALS Bottle#: 15 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-018
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 15:00:29 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 15:00:29

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	55.4	110.89
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.80
\$ 84 Toluene-d8 (Surr)	50.0	50.4	100.83
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.4	96.72

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X67.D

Injection Date: 08-Oct-2025 03:32:30

Instrument ID: 26285

Lims ID: 410-244152-B-5

Lab Sample ID: 410-244152-5

Client ID: HD-MW-88-0/1-0

Operator ID: KEL87800

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 5.000 mL

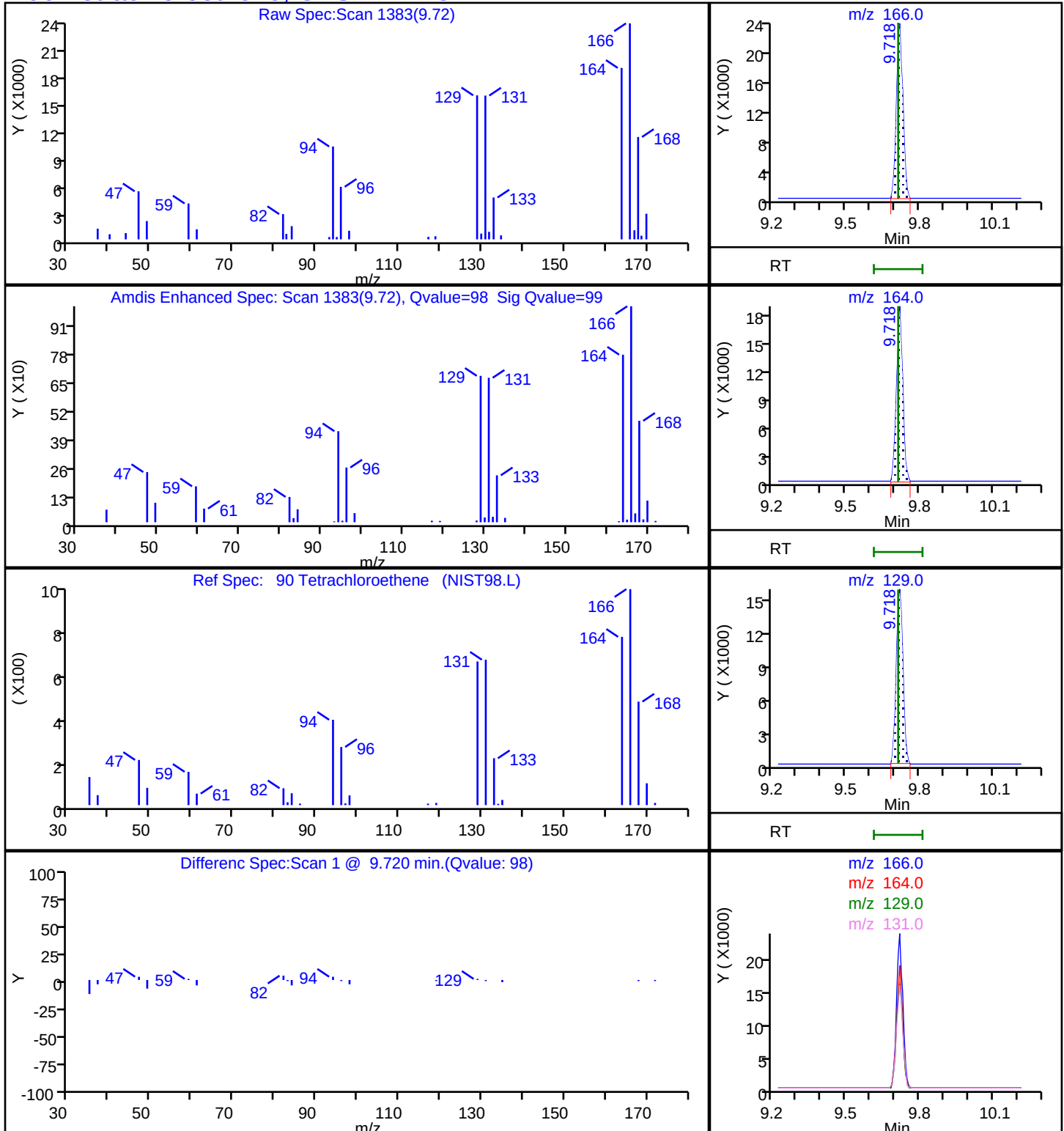
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

90 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X67.D

Injection Date: 08-Oct-2025 03:32:30

Instrument ID: 26285

Lims ID: 410-244152-B-5

Lab Sample ID: 410-244152-5

Client ID: HD-MW-88-0/1-0

Operator ID: KEL87800

ALS Bottle#: 15

Worklist Smp#: 18

Purge Vol: 5.000 mL

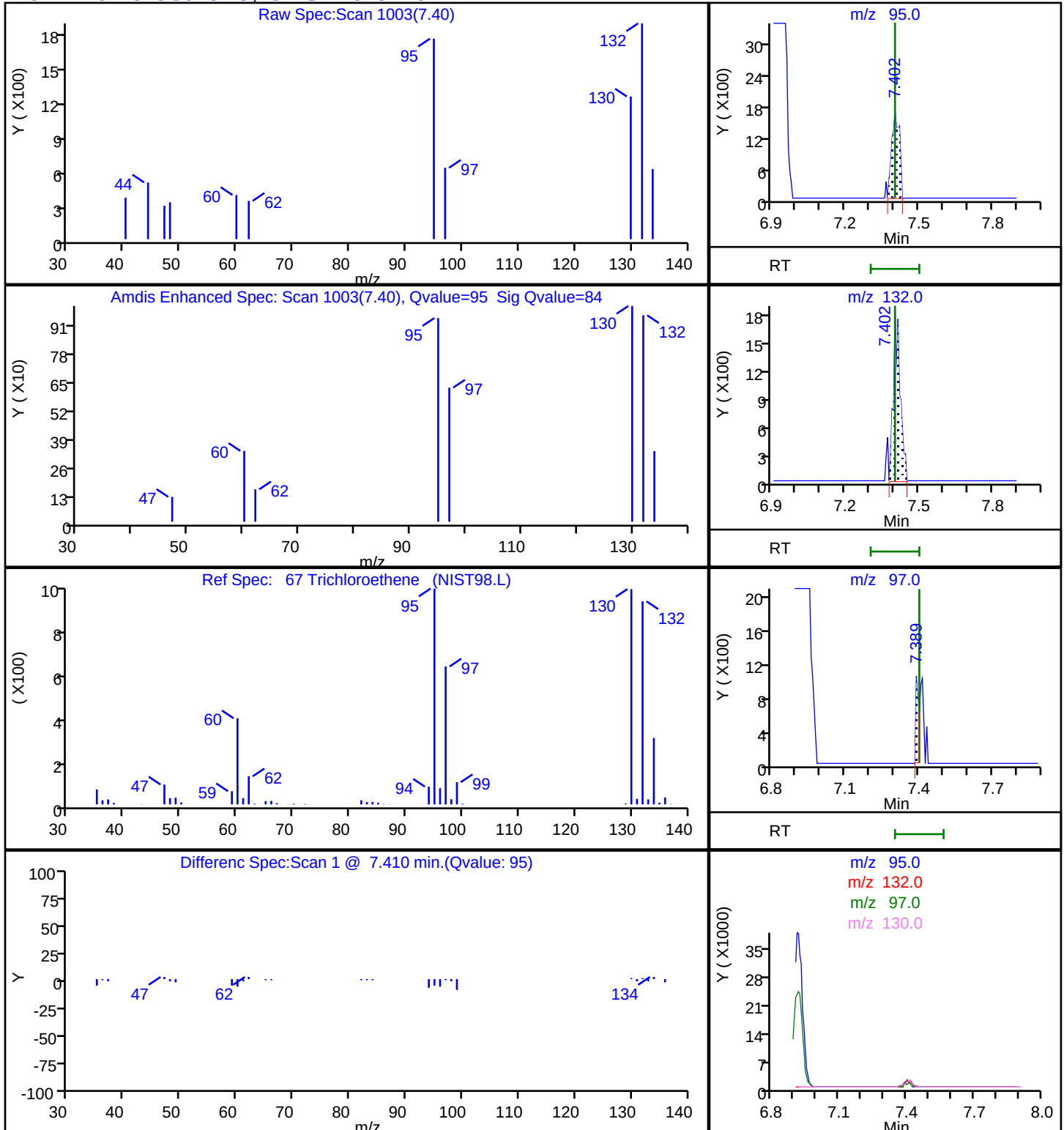
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID)

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

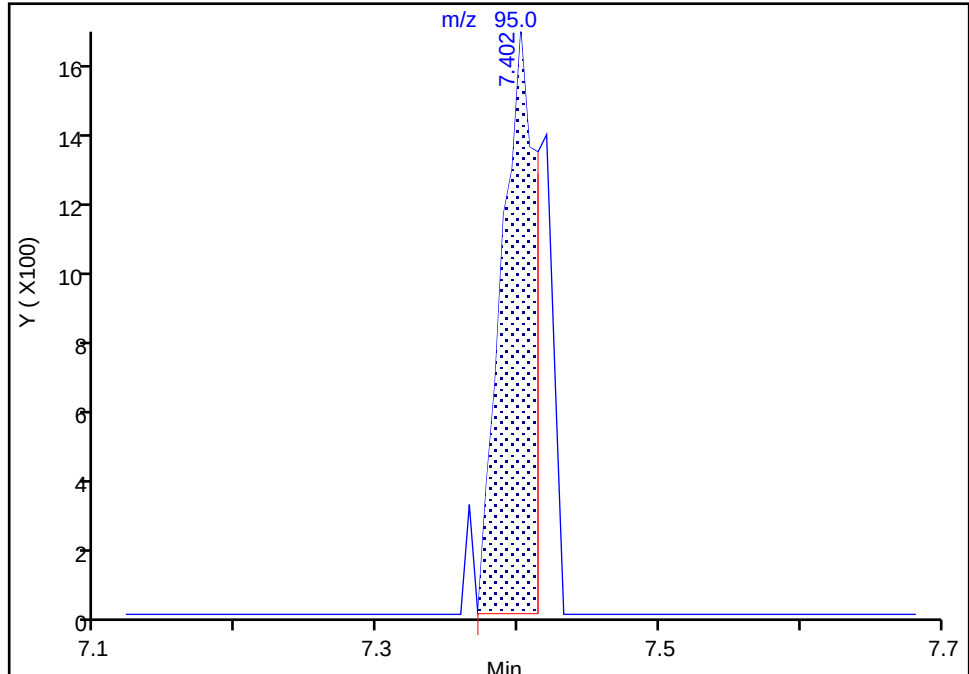
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X67.D
Injection Date: 08-Oct-2025 03:32:30 Instrument ID: 26285
Lims ID: 410-244152-B-5 Lab Sample ID: 410-244152-5
Client ID: HD-MW-88-0/1-0
Operator ID: KEL87800 ALS Bottle#: 15 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

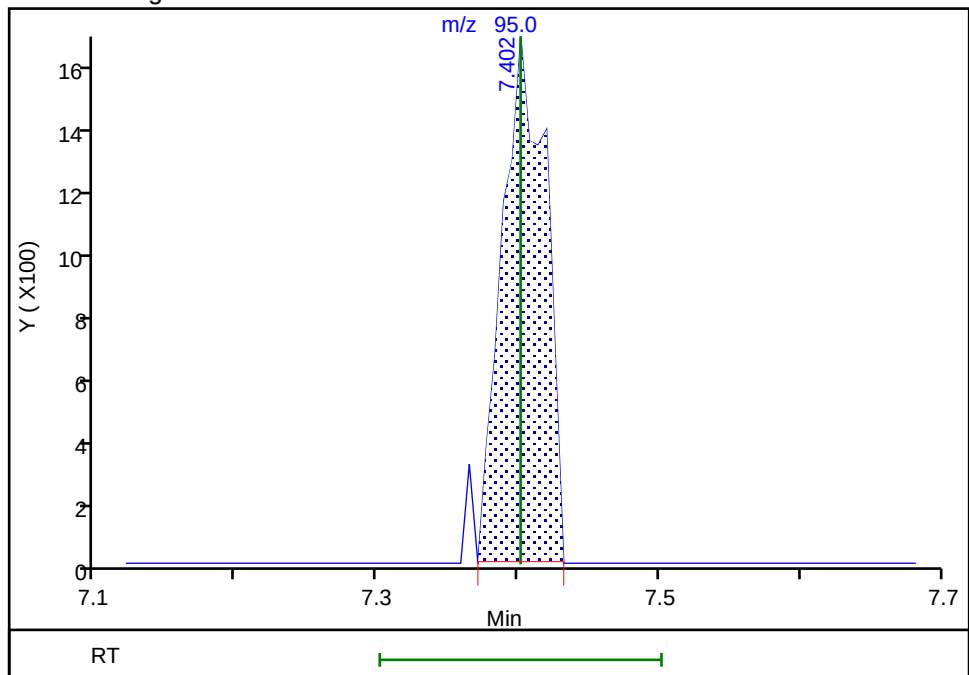
RT: 7.40
Area: 2865
Amount: 0.512590
Amount Units: ug/l

Processing Integration Results



RT: 7.40
Area: 3605
Amount: 0.644987
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 08-Oct-2025 15:00:16 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-QC1-0/1-3

Lab Sample ID: 410-244152-6

Matrix: Water

Lab File ID: 5C07X68.D

Analysis Method: 8260D

Date Collected: 09/24/2025 14:10

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 03:53

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	5.5	J	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC1-0/1-3 Lab Sample ID: 410-244152-6

Matrix: Water Lab File ID: 5C07X68.D

Analysis Method: 8260D Date Collected: 09/24/2025 14:10

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 03:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.46	J	1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	109		80-120
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X68.D
 Lims ID: 410-244152-A-6
 Client ID: HD-QC1-0/1-3
 Sample Type: Client
 Inject. Date: 08-Oct-2025 03:53:30 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-019
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 07:19:04 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:19:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58	2.890	2.902	-0.012	98	4230	5.54	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.475	3.469	0.006	54	337807	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	U
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.993	0.000	93	313623	54.6	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.457	6.456	0.001	49	68771	55.0	
60 Benzene	78		6.481				ND	7
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1071430	50.0	
67 Trichloroethene	95		7.401				ND	
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	953842	51.7	
86 Toluene	92	9.102	9.108	-0.006	94	5425	0.4554	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166		9.712				ND	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	87	697524	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	7
138 o-Xylene	106		11.212				ND	7
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	328208	48.5	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	439115	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 09-Oct-2025 07:19:05

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X68.D

Injection Date: 08-Oct-2025 03:53:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-A-6

Lab Sample ID: 410-244152-6

Worklist Smp#: 19

Client ID: HD-QC1-0/1-3

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

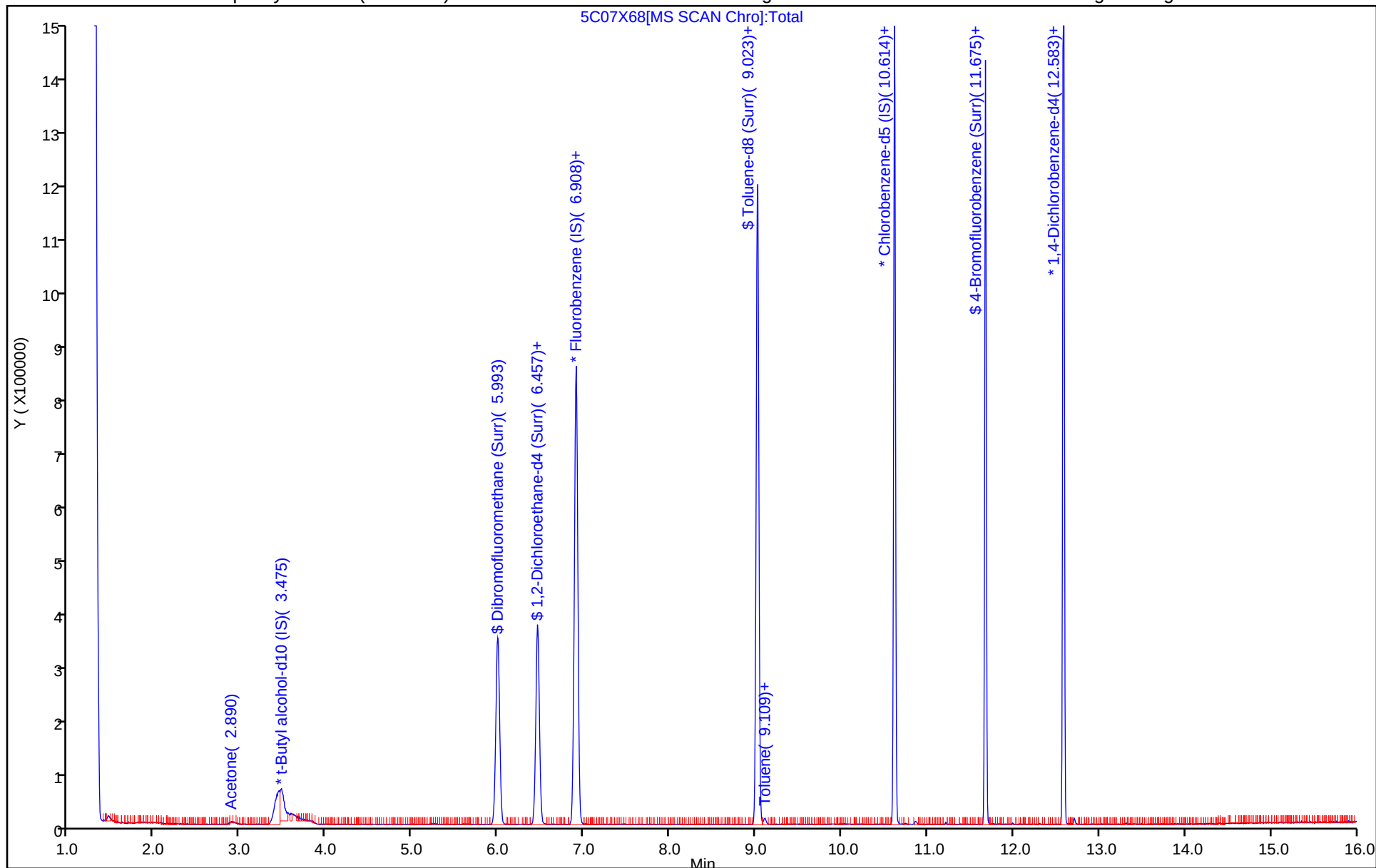
ALS Bottle#: 18

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X68.D
Lims ID: 410-244152-A-6
Client ID: HD-QC1-0/1-3
Sample Type: Client
Inject. Date: 08-Oct-2025 03:53:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-019
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 07:19:04 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:19:04

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.6	109.12
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	55.0	110.10
\$ 84 Toluene-d8 (Surr)	50.0	51.7	103.41
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.5	97.07

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X68.D

Injection Date: 08-Oct-2025 03:53:30

Instrument ID: 26285

Lims ID: 410-244152-A-6

Lab Sample ID: 410-244152-6

Client ID: HD-QC1-0/1-3

Operator ID: KEL87800

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

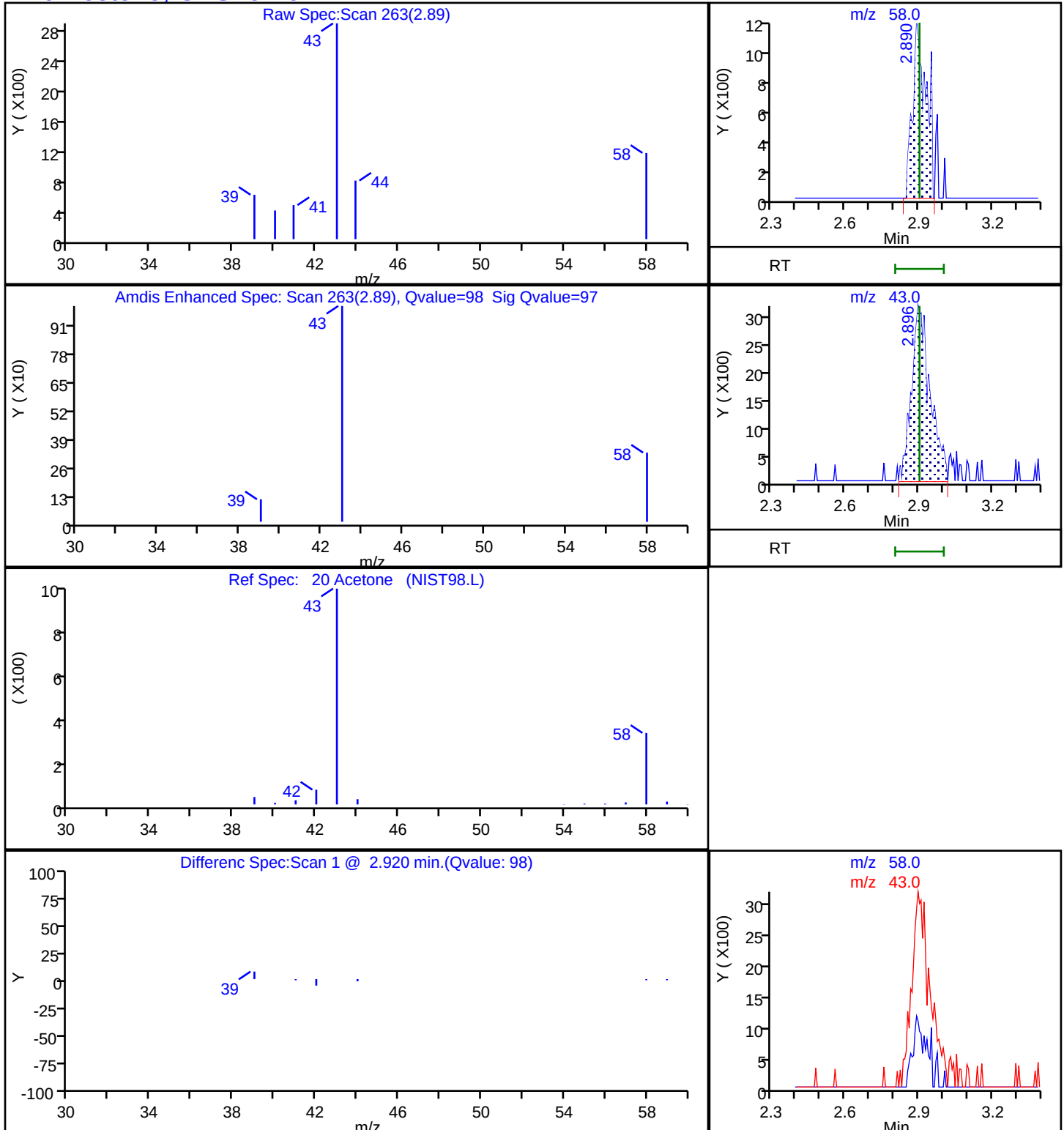
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

20 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X68.D

Injection Date: 08-Oct-2025 03:53:30

Instrument ID: 26285

Lims ID: 410-244152-A-6

Lab Sample ID: 410-244152-6

Client ID: HD-QC1-0/1-3

Operator ID: KEL87800

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

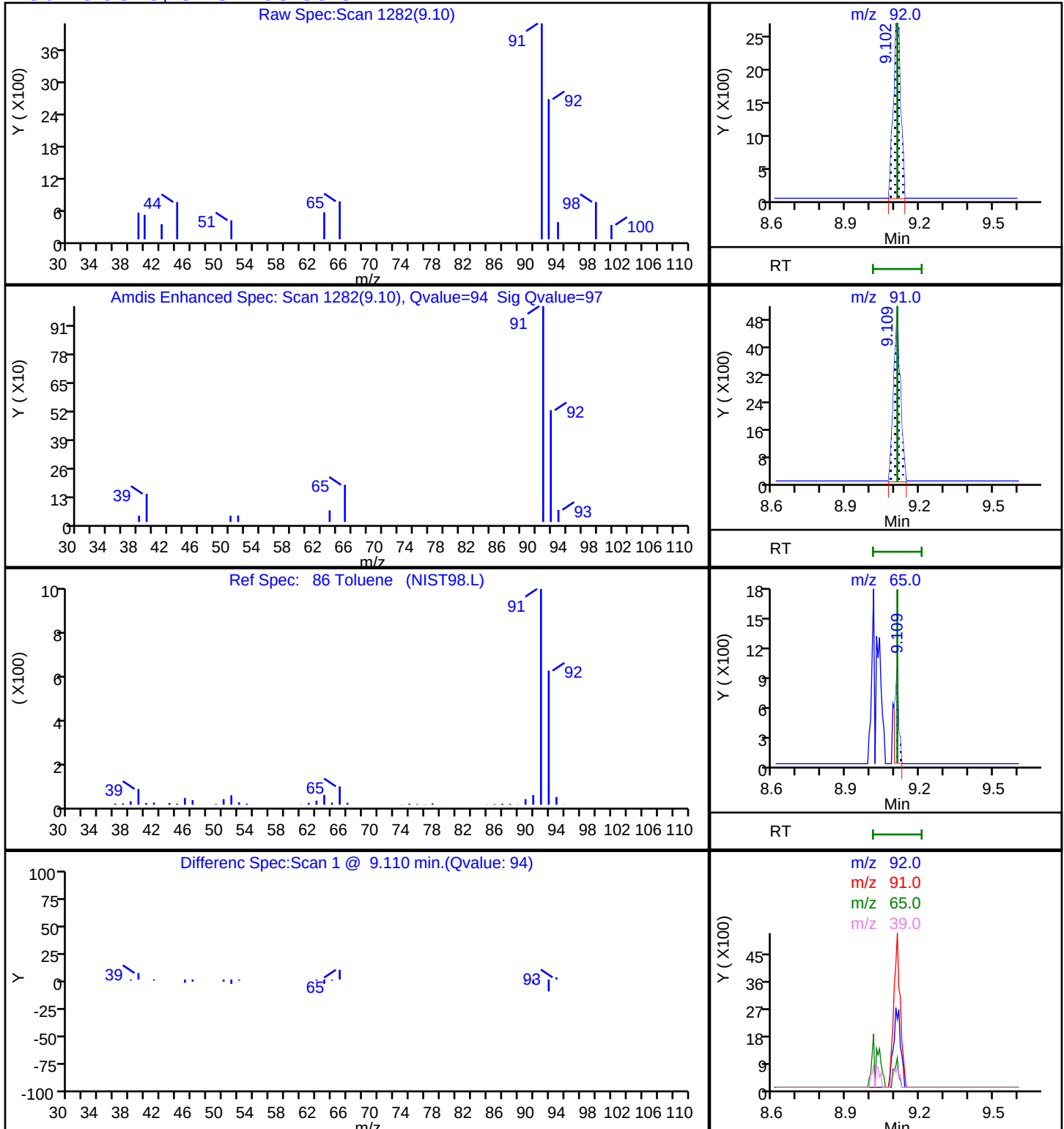
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

86 Toluene, CAS: 108-88-3

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X68.D

Injection Date: 08-Oct-2025 03:53:30

Instrument ID: 26285

Lims ID: 410-244152-A-6

Lab Sample ID: 410-244152-6

Client ID: HD-QC1-0/1-3

Operator ID: KEL87800

ALS Bottle#: 18 Worklist Smp#: 19

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

Method: MSVoa_26285a

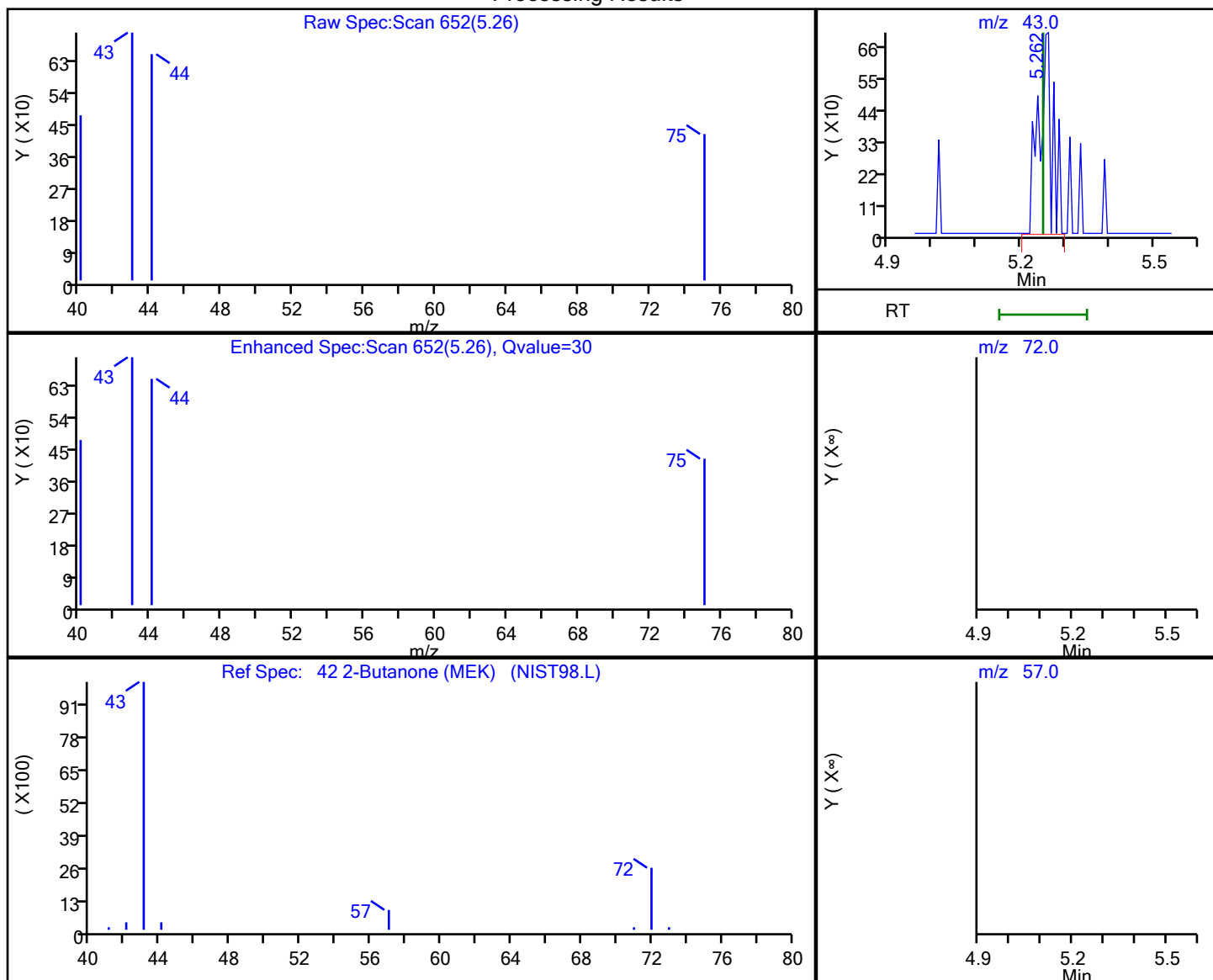
Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

42 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
5.26	43.00	1490	0.290508
5.25	72.00	0	
5.25	57.00	0	

Reviewer: FQ4L, 09-Oct-2025 07:18:48 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-QC1-0/1-4

Lab Sample ID: 410-244152-7

Matrix: Water

Lab File ID: 5C07X69.D

Analysis Method: 8260D

Date Collected: 09/24/2025 14:15

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 04:13

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	4.8	J	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC1-0/1-4 Lab Sample ID: 410-244152-7

Matrix: Water Lab File ID: 5C07X69.D

Analysis Method: 8260D Date Collected: 09/24/2025 14:15

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 04:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	0.51	J	1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	111		80-120
2037-26-5	Toluene-d8 (Surr)	103		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X69.D
 Lims ID: 410-244152-B-7
 Client ID: HD-QC1-0/1-4
 Sample Type: Client
 Inject. Date: 08-Oct-2025 04:13:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-020
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 07:19:33 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:19:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58	2.902	2.902	0.000	98	3718	4.80	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.475	3.469	0.006	54	342390	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	U
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	93	314319	55.4	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.462	6.456	0.006	50	65835	53.4	
60 Benzene	78		6.481				ND	7
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1056685	50.0	
67 Trichloroethene	95		7.401				ND	
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	953409	51.4	
86 Toluene	92	9.114	9.108	0.006	94	6074	0.5076	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166		9.712				ND	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.614	0.006	87	700757	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106	10.858	10.864	-0.006	94	2605	0.2941	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106				0		0.2941	
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	324729	47.8	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.589	12.583	0.006	94	439496	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 09-Oct-2025 07:19:34

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X69.D

Injection Date: 08-Oct-2025 04:13:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-B-7

Lab Sample ID: 410-244152-7

Worklist Smp#: 20

Client ID: HD-QC1-0/1-4

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

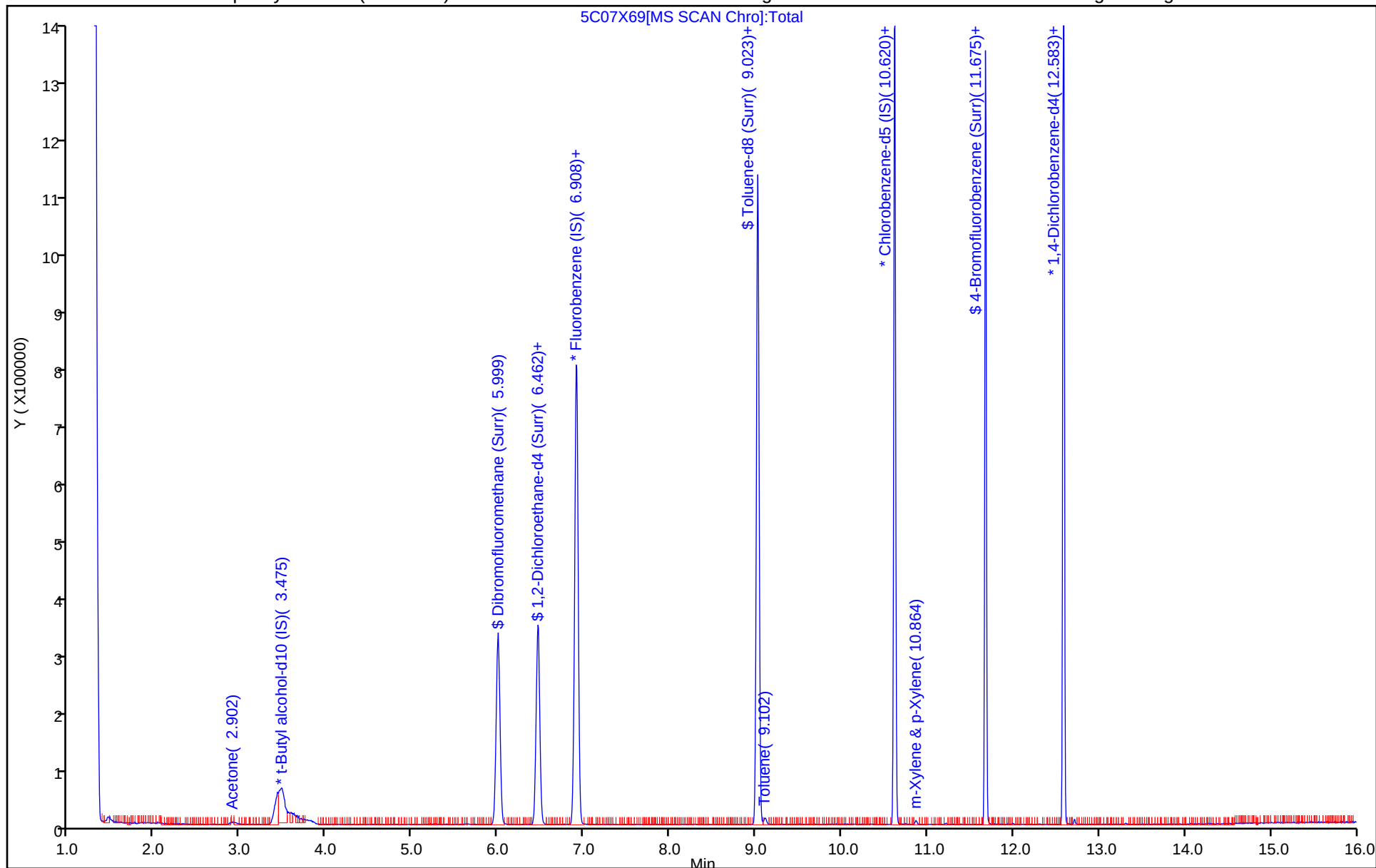
ALS Bottle#: 19

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X69.D
Lims ID: 410-244152-B-7
Client ID: HD-QC1-0/1-4
Sample Type: Client
Inject. Date: 08-Oct-2025 04:13:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-020
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 07:19:33 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:19:33

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	55.4	110.89
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.87
\$ 84 Toluene-d8 (Surr)	50.0	51.4	102.88
\$ 145 4-Bromofluorobenzene (Surr)	50.0	47.8	95.59

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X69.D

Injection Date: 08-Oct-2025 04:13:30

Instrument ID: 26285

Lims ID: 410-244152-B-7

Lab Sample ID: 410-244152-7

Client ID: HD-QC1-0/1-4

Operator ID: KEL87800

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 5.000 mL

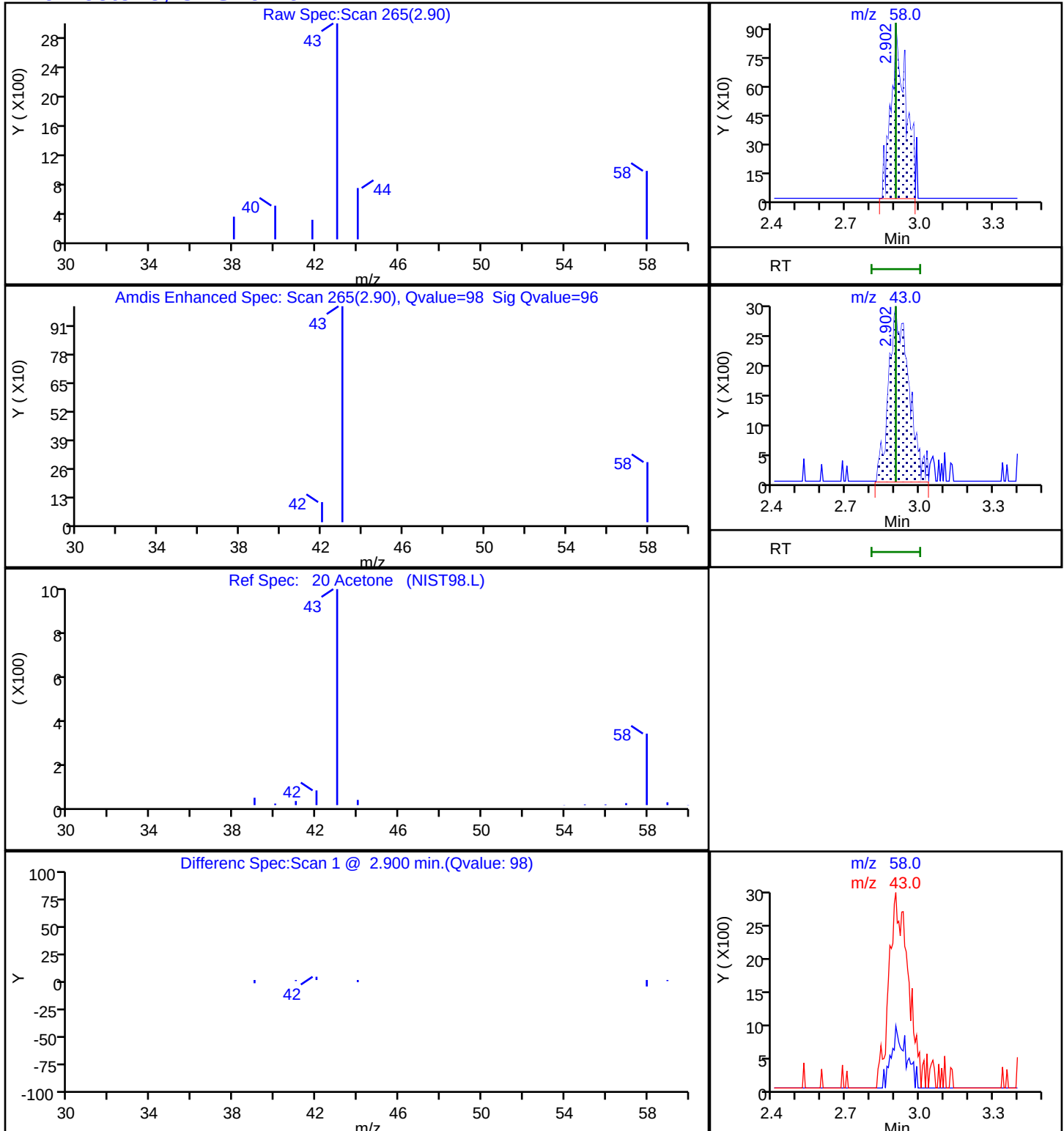
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

20 Acetone, CAS: 67-64-1

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X69.D

Injection Date: 08-Oct-2025 04:13:30

Instrument ID: 26285

Lims ID: 410-244152-B-7

Lab Sample ID: 410-244152-7

Client ID: HD-QC1-0/1-4

Operator ID: KEL87800

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 5.000 mL

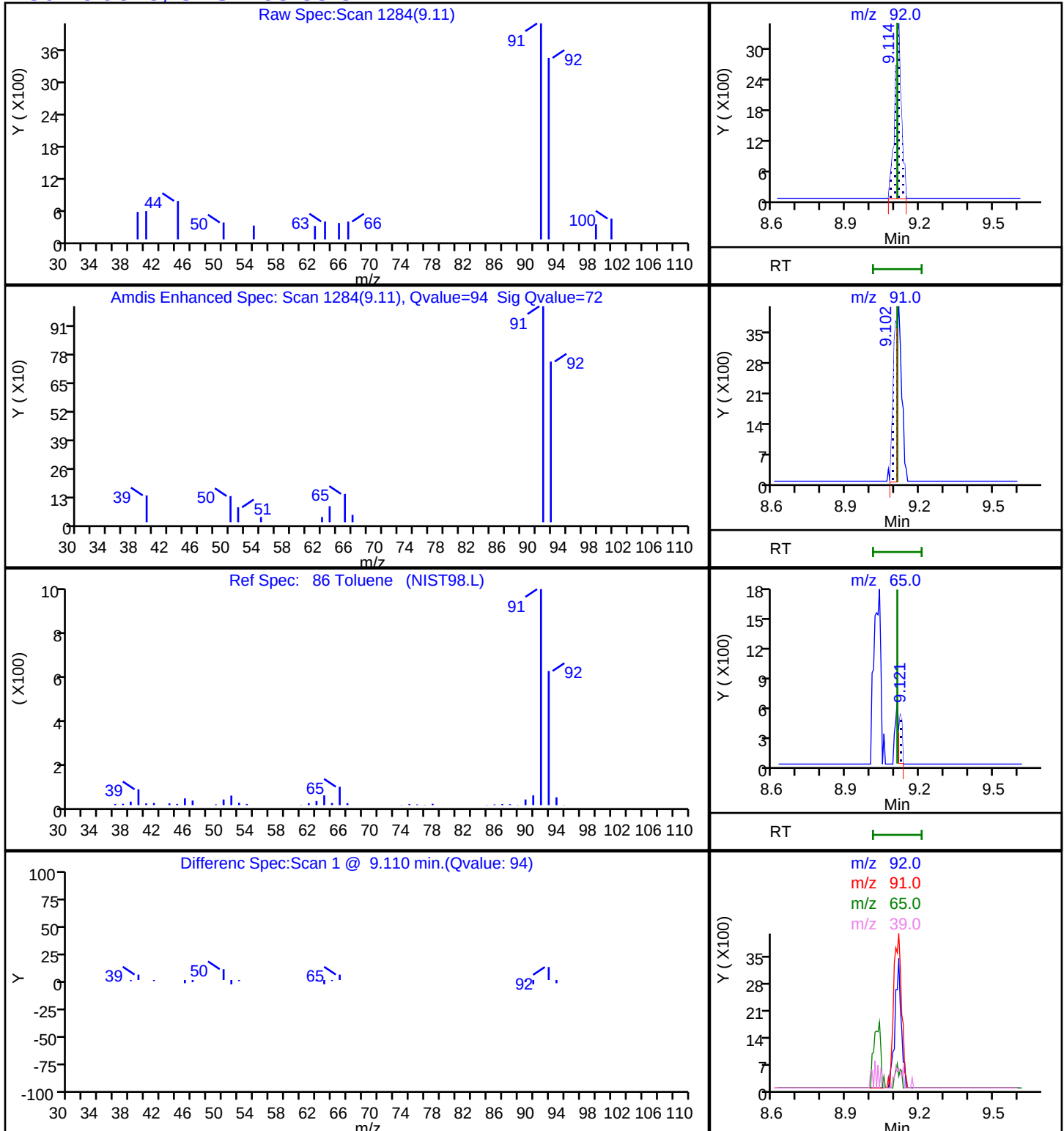
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 100 m

MS Quad

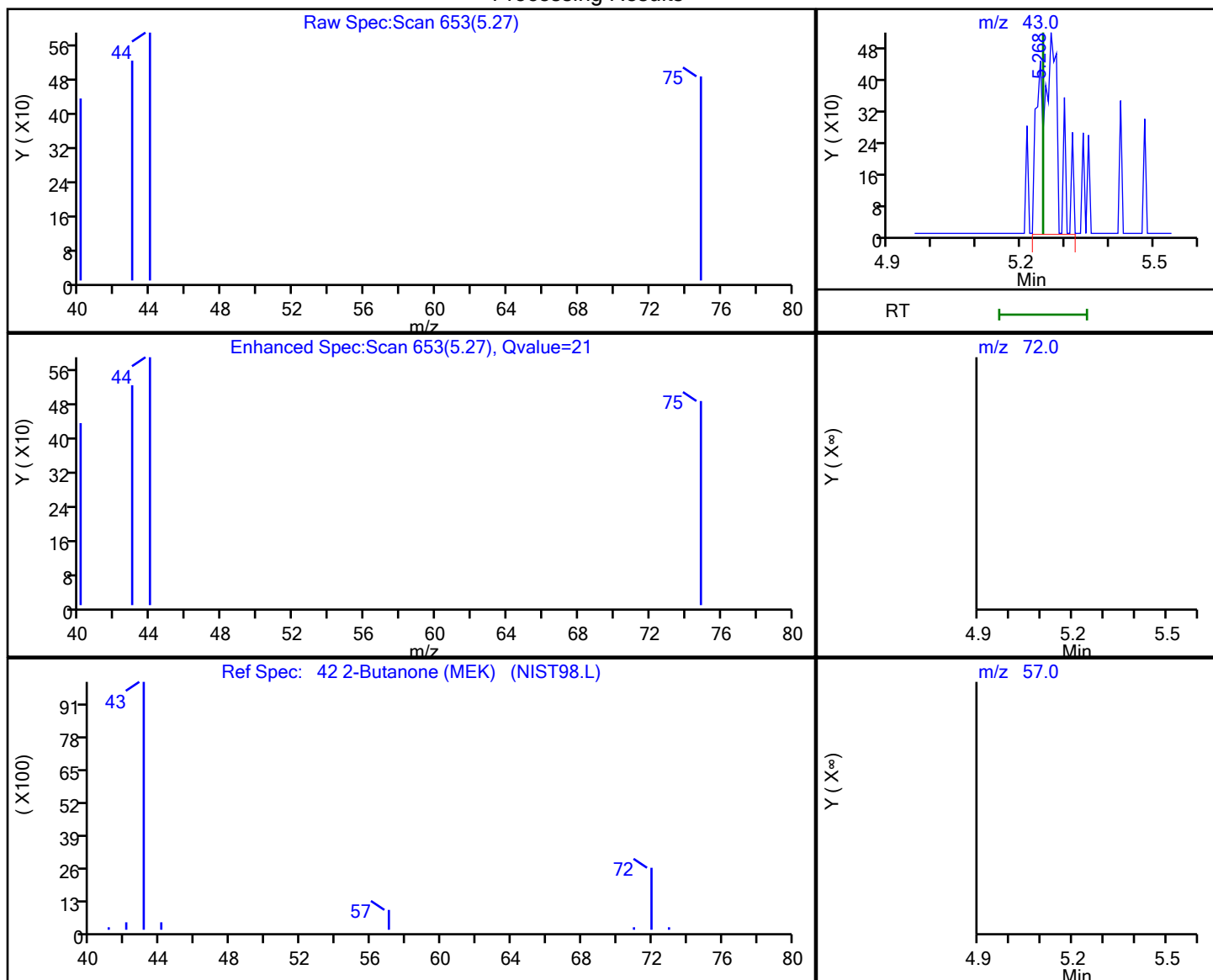
86 Toluene, CAS: 108-88-3

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X69.D
Injection Date: 08-Oct-2025 04:13:30 Instrument ID: 26285
Lims ID: 410-244152-B-7 Lab Sample ID: 410-244152-7
Client ID: HD-QC1-0/1-4
Operator ID: KEL87800 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

42 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
5.27	43.00	1500	0.296539
5.25	72.00	0	
5.25	57.00	0	

Reviewer: FQ4L, 09-Oct-2025 07:19:20 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-166-0/1-0

Lab Sample ID: 410-244152-8

Matrix: Water

Lab File ID: 5C07X70.D

Analysis Method: 8260D

Date Collected: 09/25/2025 10:45

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 04:33

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.61	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	0.68	J	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-166-0/1-0 Lab Sample ID: 410-244152-8

Matrix: Water Lab File ID: 5C07X70.D

Analysis Method: 8260D Date Collected: 09/25/2025 10:45

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 04:33

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.47	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	110		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X70.D
 Lims ID: 410-244152-A-8
 Client ID: HD-MW-166-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 04:33:30 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-021
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 07:20:13 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:20:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.457	3.469	-0.012	53	344741	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83	5.768	5.774	-0.006	91	5992	0.6062	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.993	0.000	93	319403	54.8	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.456	0.007	49	68356	54.0	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	
* 64 Fluorobenzene (IS)	96	6.914	6.908	0.006	99	1086625	50.0	
67 Trichloroethene	95	7.414	7.401	0.013	92	2664	0.4703	M
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	93	959494	50.6	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166	9.718	9.712	0.006	90	3680	0.6822	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	87	717162	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	94	331591	47.7	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	441507	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

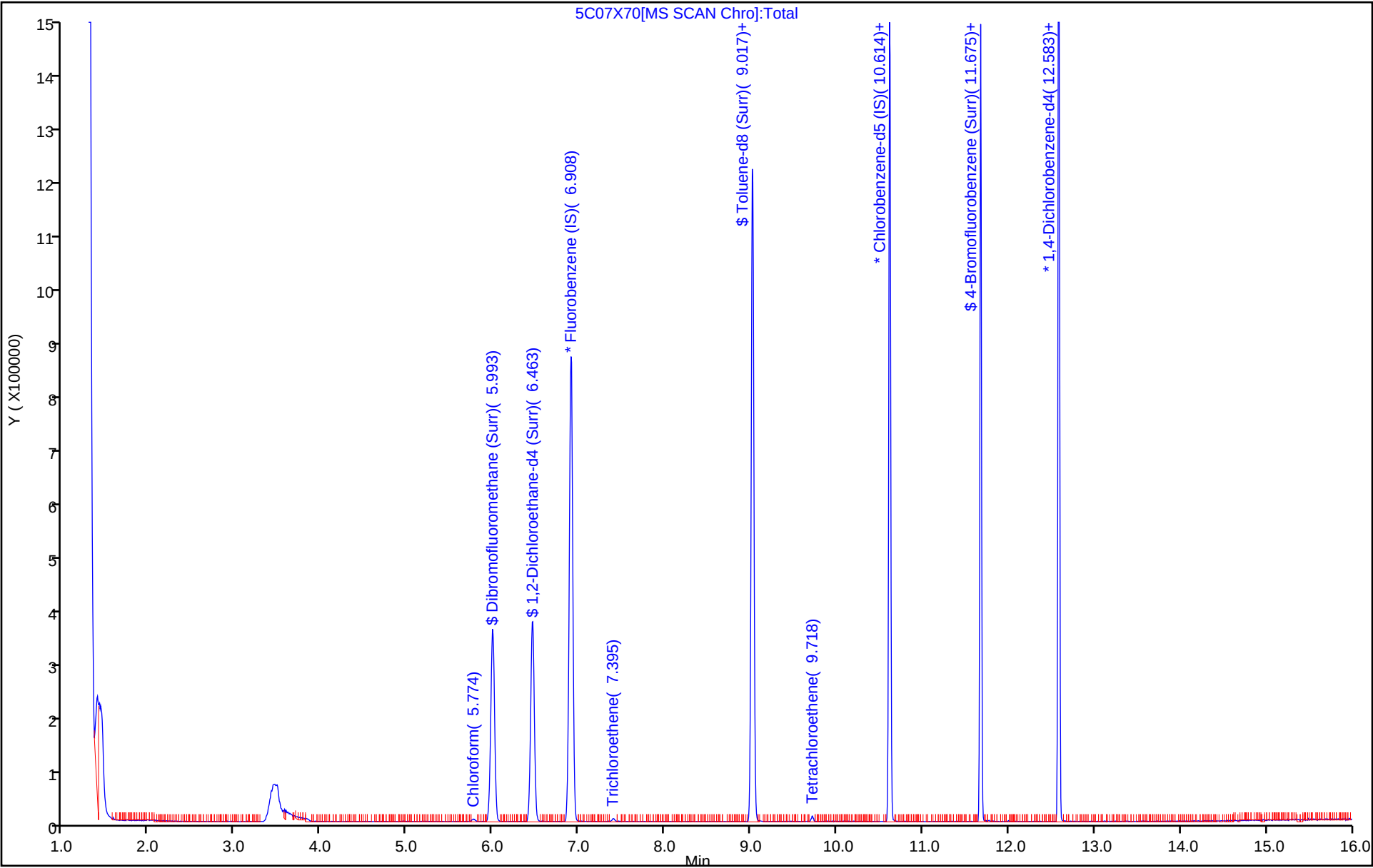
Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X70.D
Lims ID: 410-244152-A-8
Client ID: HD-MW-166-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 04:33:30 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-021
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 07:20:13 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:20:13

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.8	109.58
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	54.0	107.90
\$ 84 Toluene-d8 (Surr)	50.0	50.6	101.17
\$ 145 4-Bromofluorobenzene (Surr)	50.0	47.7	95.38

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X70.D

Injection Date: 08-Oct-2025 04:33:30

Instrument ID: 26285

Lims ID: 410-244152-A-8

Lab Sample ID: 410-244152-8

Client ID: HD-MW-166-0/1-0

Operator ID: KEL87800

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 5.000 mL

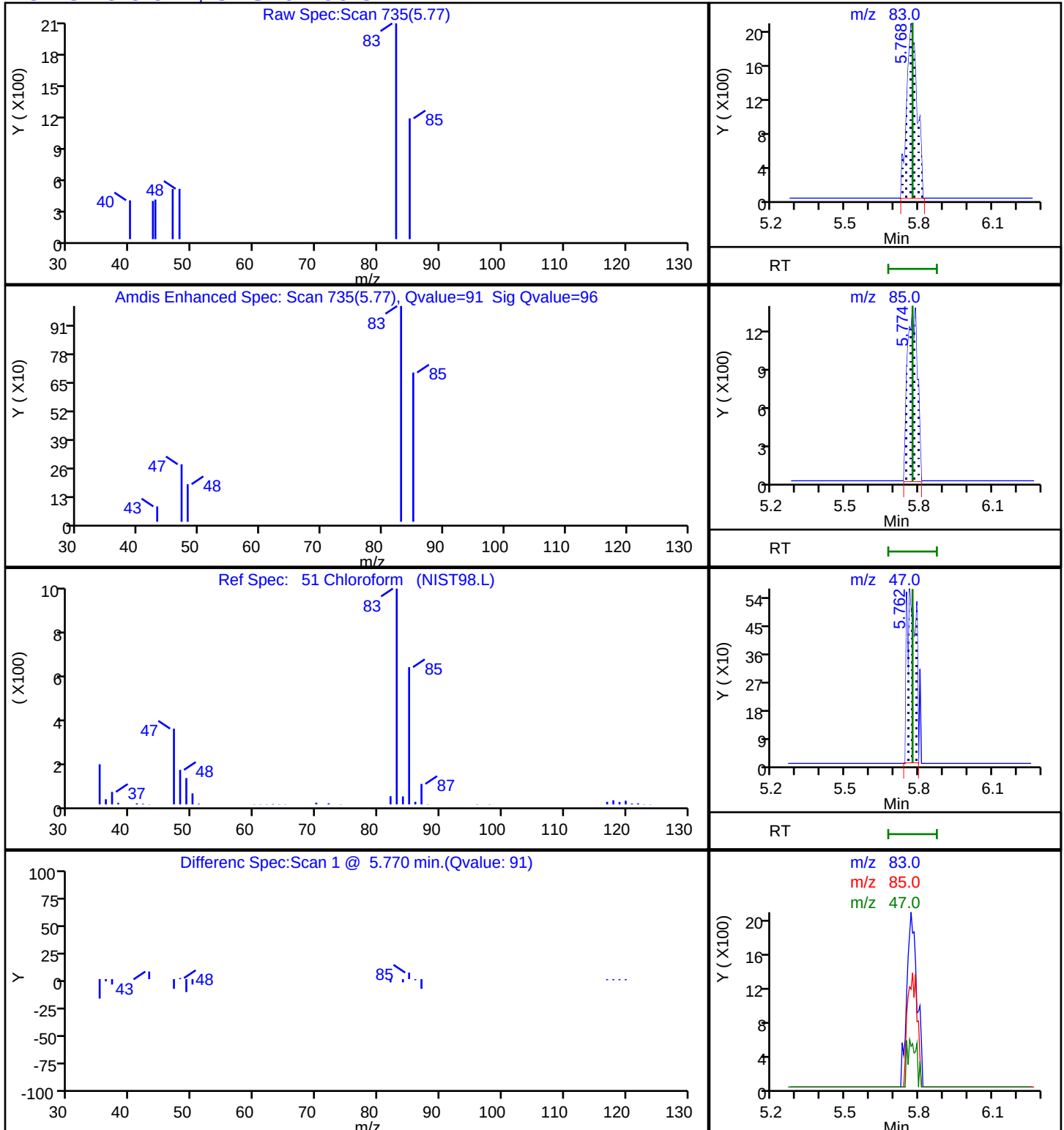
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID)

MS Quad

51 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X70.D

Injection Date: 08-Oct-2025 04:33:30

Instrument ID: 26285

Lims ID: 410-244152-A-8

Lab Sample ID: 410-244152-8

Client ID: HD-MW-166-0/1-0

Operator ID: KEL87800

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 5.000 mL

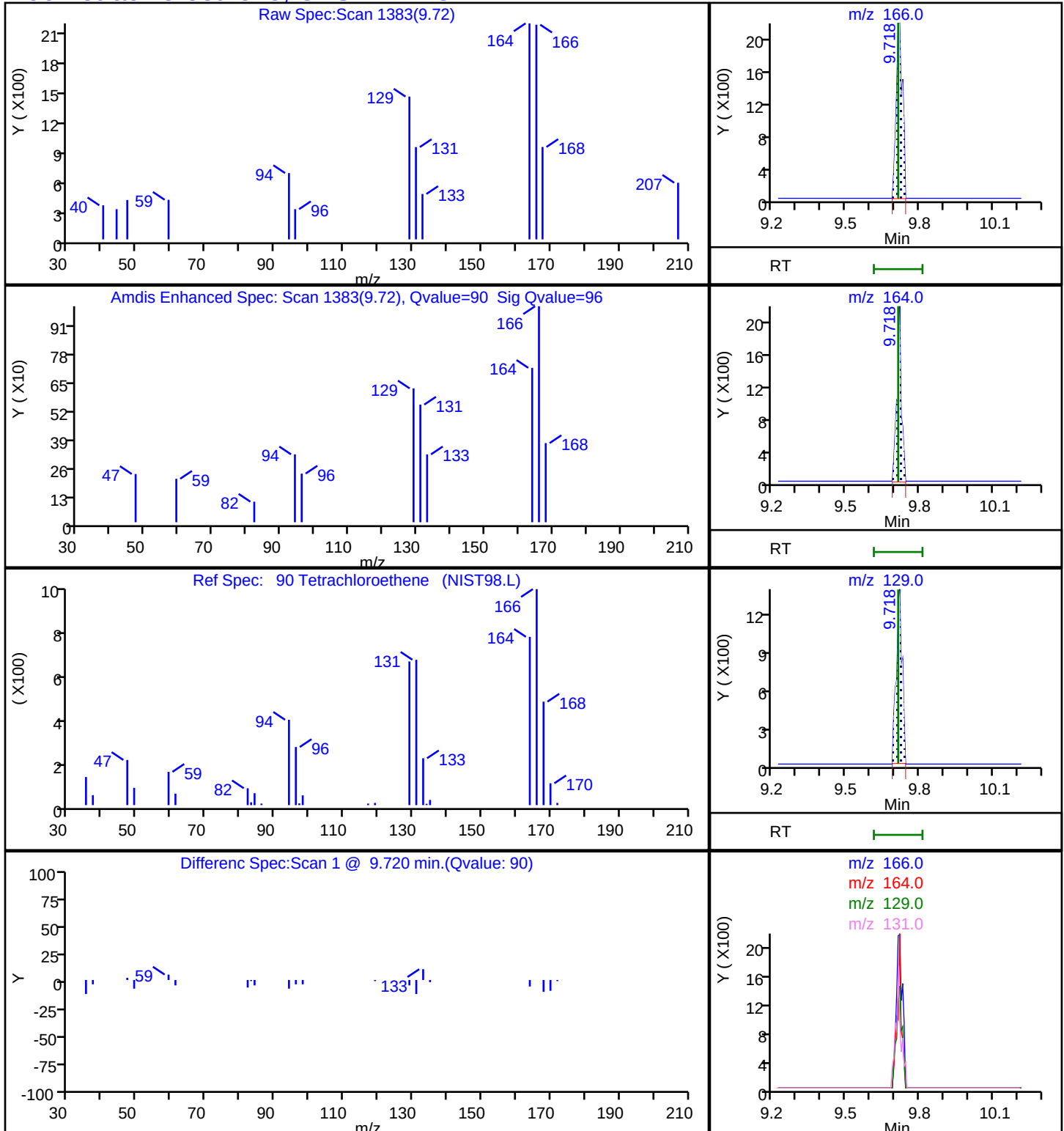
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

90 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X70.D

Injection Date: 08-Oct-2025 04:33:30

Instrument ID: 26285

Lims ID: 410-244152-A-8

Lab Sample ID: 410-244152-8

Client ID: HD-MW-166-0/1-0

Operator ID: KEL87800

ALS Bottle#: 20

Worklist Smp#: 21

Purge Vol: 5.000 mL

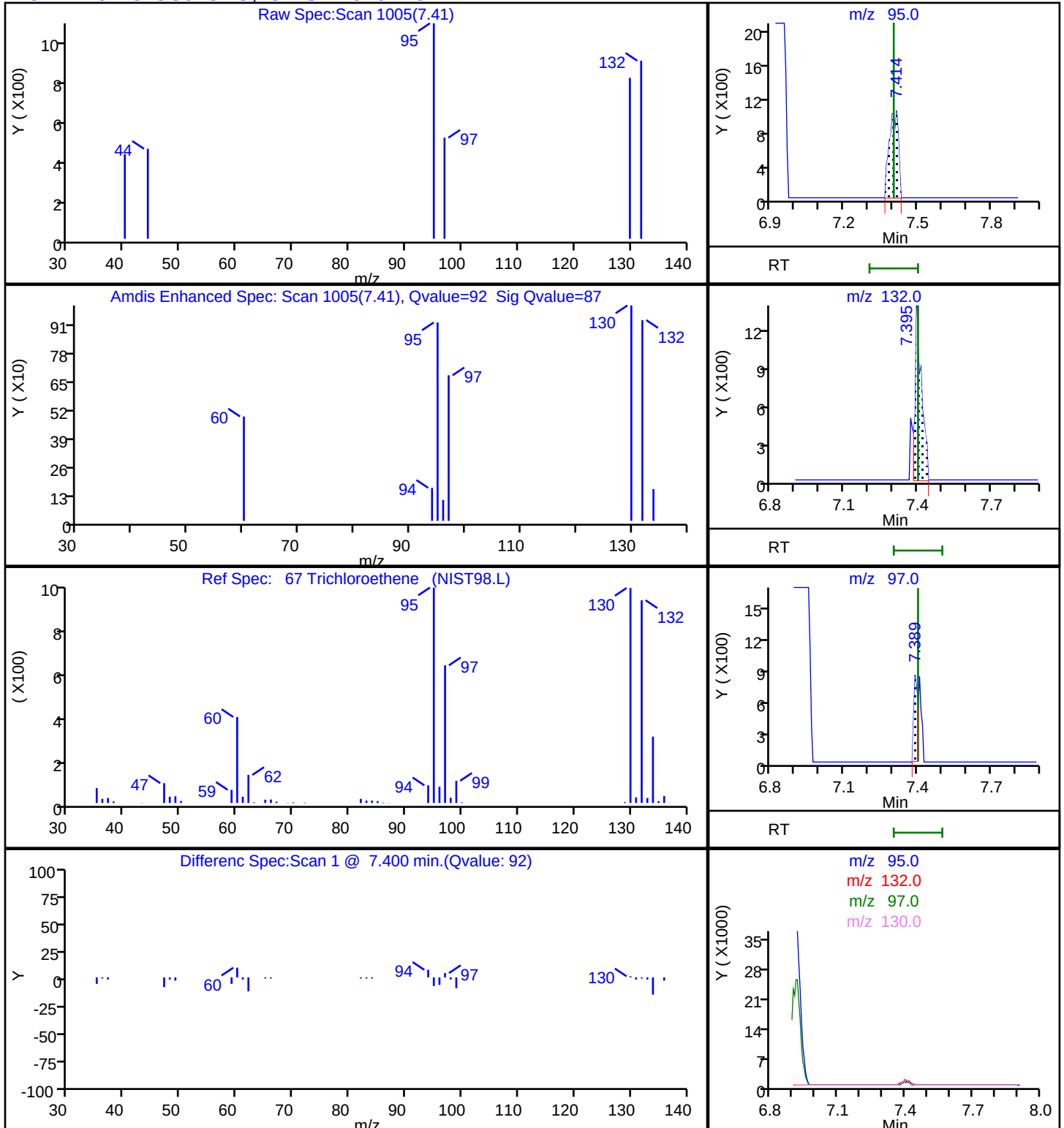
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

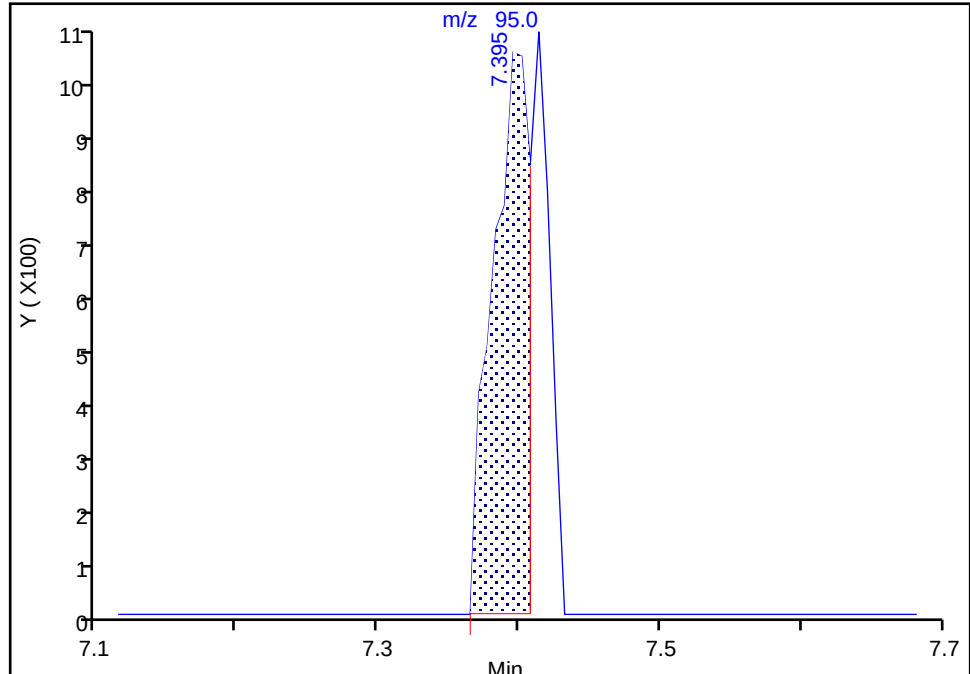
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X70.D
Injection Date: 08-Oct-2025 04:33:30 Instrument ID: 26285
Lims ID: 410-244152-A-8 Lab Sample ID: 410-244152-8
Client ID: HD-MW-166-0/1-0
Operator ID: KEL87800 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

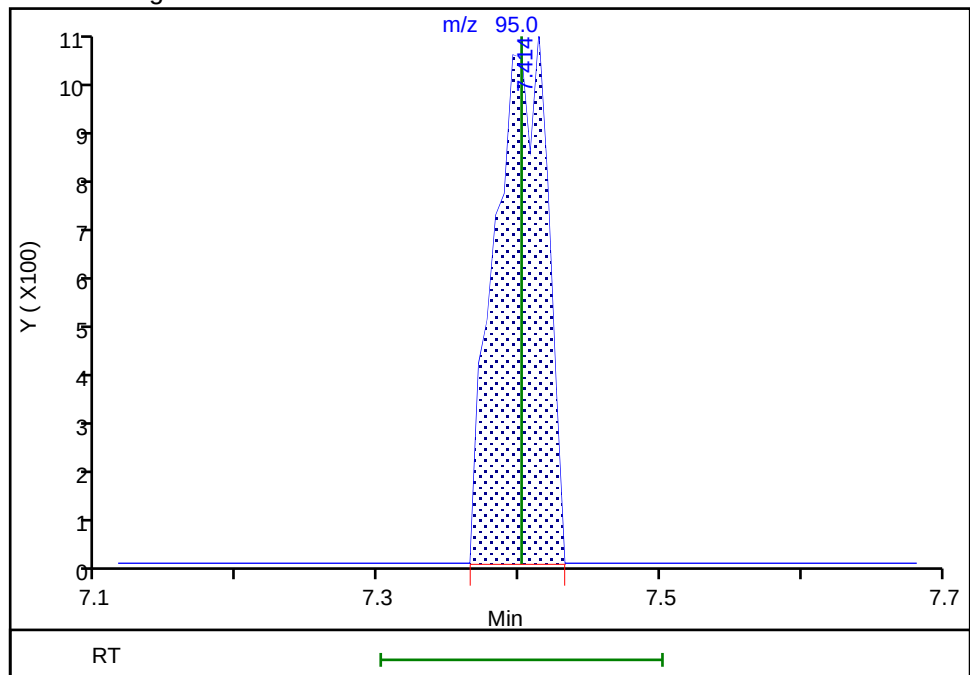
RT: 7.40
Area: 1876
Amount: 0.331188
Amount Units: ug/l

Processing Integration Results



RT: 7.41
Area: 2664
Amount: 0.470301
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 09-Oct-2025 07:20:00 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-167-0/1-0

Lab Sample ID: 410-244152-9

Matrix: Water

Lab File ID: 5C07X71.D

Analysis Method: 8260D

Date Collected: 09/25/2025 10:40

Sample wt/vol: 5(mL)

Date Analyzed: 10/08/2025 04:53

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-167-0/1-0 Lab Sample ID: 410-244152-9

Matrix: Water Lab File ID: 5C07X71.D

Analysis Method: 8260D Date Collected: 09/25/2025 10:40

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 04:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.52	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	111		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X71.D
 Lims ID: 410-244152-A-9
 Client ID: HD-MW-167-0/1-0
 Sample Type: Client
 Inject. Date: 08-Oct-2025 04:53:30 ALS Bottle#: 21 Worklist Smp#: 22
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-022
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 07:20:48 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:20:48

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.487	3.469	0.018	54	331085	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	7
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	93	291380	55.5	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.456	0.006	49	60930	53.4	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	7
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	99	977923	50.0	
67 Trichloroethene	95	7.414	7.401	0.013	92	2662	0.5222	Ma
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	864496	50.6	
86 Toluene	92		9.108				ND	7
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166	9.718	9.712	0.006	95	8333	1.71	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.614	0.006	87	645995	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	7
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	305306	48.7	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	397201	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 09-Oct-2025 07:20:49

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X71.D

Injection Date: 08-Oct-2025 04:53:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-A-9

Lab Sample ID: 410-244152-9

Worklist Smp#: 22

Client ID: HD-MW-167-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

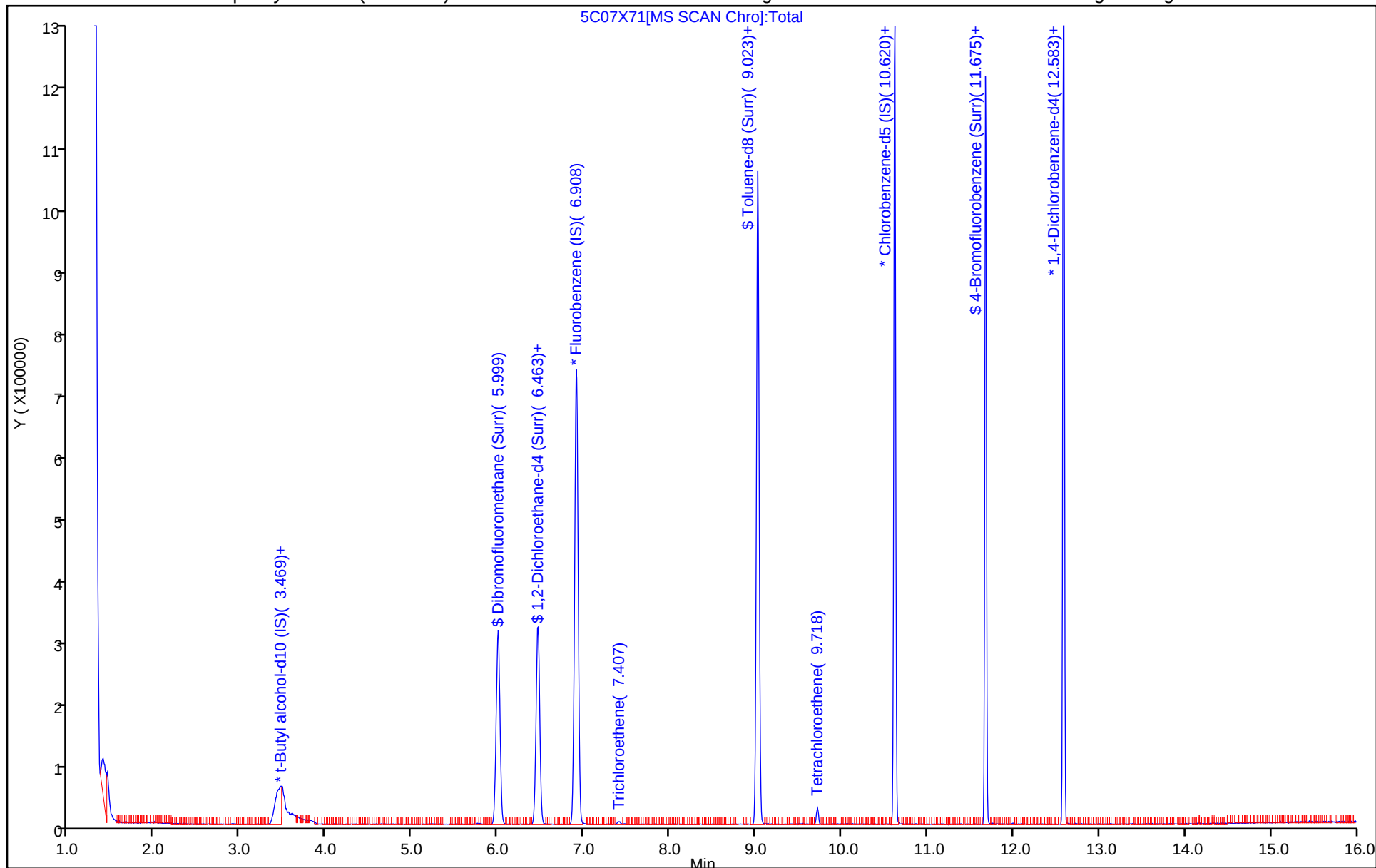
ALS Bottle#: 21

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X71.D
Lims ID: 410-244152-A-9
Client ID: HD-MW-167-0/1-0
Sample Type: Client
Inject. Date: 08-Oct-2025 04:53:30 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-022
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 07:20:48 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1649

First Level Reviewer: FQ4L

Date: 09-Oct-2025 07:20:48

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	55.5	111.08
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	53.4	106.87
\$ 84 Toluene-d8 (Surr)	50.0	50.6	101.20
\$ 145 4-Bromofluorobenzene (Surr)	50.0	48.7	97.49

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X71.D

Injection Date: 08-Oct-2025 04:53:30

Instrument ID: 26285

Lims ID: 410-244152-A-9

Lab Sample ID: 410-244152-9

Client ID: HD-MW-167-0/1-0

Operator ID: KEL87800

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 5.000 mL

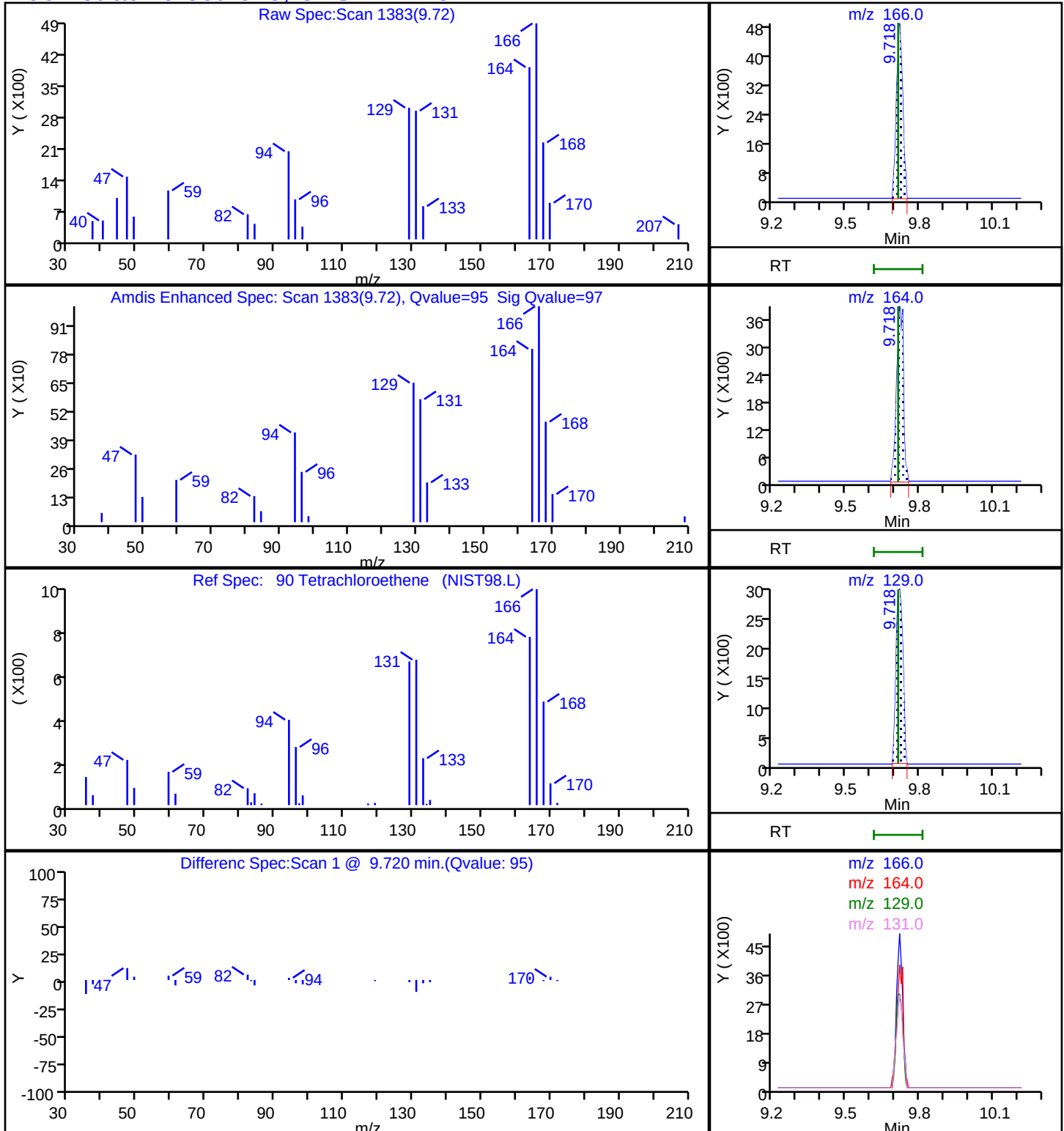
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

90 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X71.D

Injection Date: 08-Oct-2025 04:53:30

Instrument ID: 26285

Lims ID: 410-244152-A-9

Lab Sample ID: 410-244152-9

Client ID: HD-MW-167-0/1-0

Operator ID: KEL87800

ALS Bottle#: 21

Worklist Smp#: 22

Purge Vol: 5.000 mL

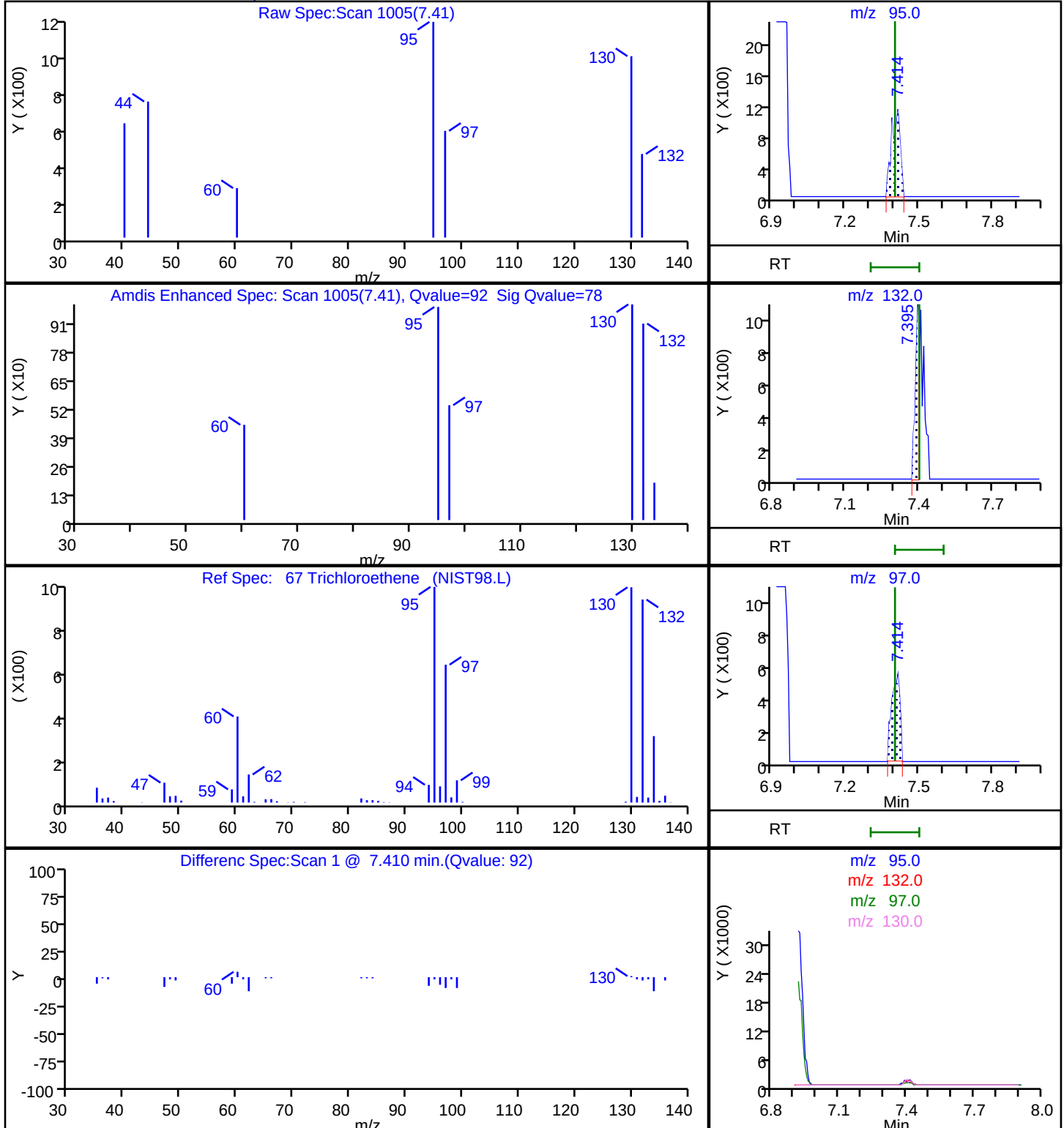
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

67 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

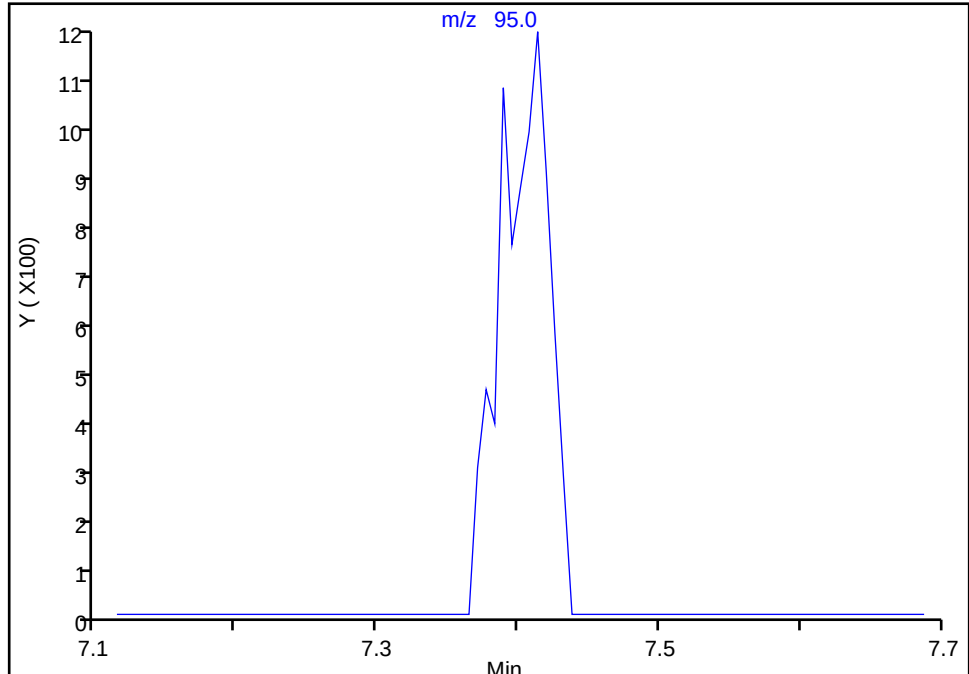
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X71.D
Injection Date: 08-Oct-2025 04:53:30 Instrument ID: 26285
Lims ID: 410-244152-A-9 Lab Sample ID: 410-244152-9
Client ID: HD-MW-167-0/1-0
Operator ID: KEL87800 ALS Bottle#: 21 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

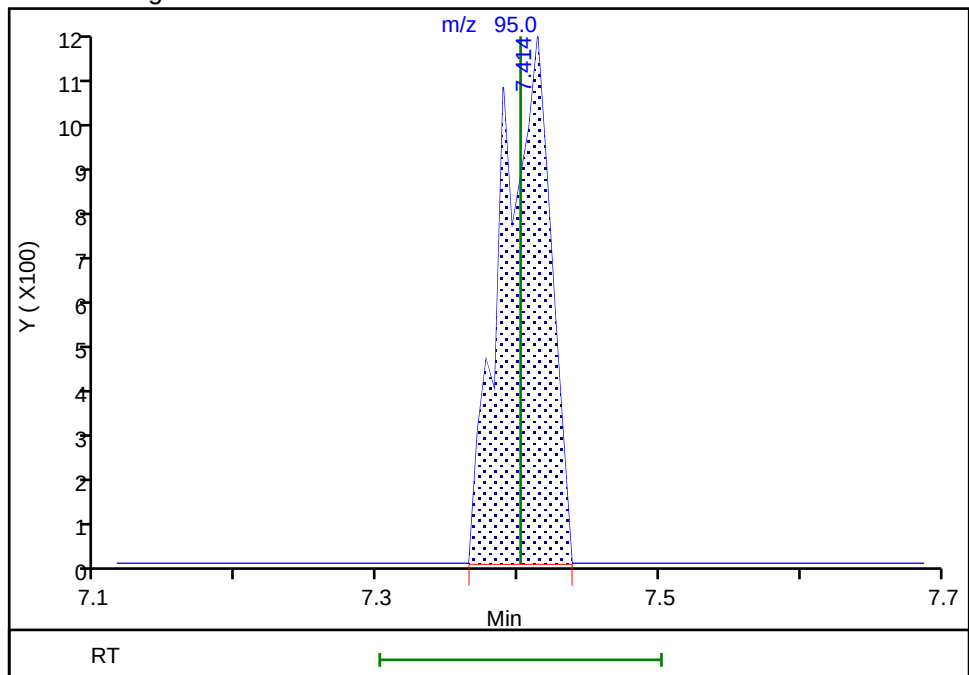
Not Detected
Expected RT: 7.40

Processing Integration Results



RT: 7.41
Area: 2662
Amount: 0.522185
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 09-Oct-2025 07:20:33 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-168-0/1-0

Lab Sample ID: 410-244152-10

Matrix: Water

Lab File ID: NC09X19.D

Analysis Method: 8260D

Date Collected: 09/25/2025 14:45

Sample wt/vol: 5(mL)

Date Analyzed: 10/09/2025 15:53

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.39	J	1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-168-0/1-0 Lab Sample ID: 410-244152-10

Matrix: Water Lab File ID: NC09X19.D

Analysis Method: 8260D Date Collected: 09/25/2025 14:45

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 15:53

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711283 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND	^c cn	1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	107		80-120
1868-53-7	Dibromofluoromethane (Surr)	94		80-120
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X19.D
 Lims ID: 410-244152-A-10
 Client ID: HD-MW-168-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 15:53:24 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162536-020
 Operator ID: clm27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 07:18:49 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1702

First Level Reviewer: FQ4L

Date: 10-Oct-2025 07:18:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.228				ND	7
6 Vinyl chloride	62		2.357				ND	
8 Bromomethane	94		2.707				ND	
9 Chloroethane	64		2.800				ND	7
17 1,1-Dichloroethene	96		3.746				ND	7
19 Acetone	58		3.800				ND	
22 Carbon disulfide	76		4.061				ND	
26 Methylene Chloride	84		4.469				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.559	4.501	0.058	25	447594	250.0	
32 Methyl tert-butyl ether	73		4.897				ND	
31 trans-1,2-Dichloroethene	96		4.900				ND	7
35 1,1-Dichloroethane	63		5.582				ND	
40 2-Butanone (MEK)	43		6.392				ND	
41 cis-1,2-Dichloroethene	96		6.411				ND	
47 Chlorobromomethane	128		6.742				ND	
49 Chloroform	83	6.903	6.890	0.013	86	6235	0.3908	M
\$ 50 Dibromofluoromethane (Surr)	113	7.106	7.106	0.000	93	370217	47.1	
51 1,1,1-Trichloroethane	97		7.115				ND	
53 Carbon tetrachloride	117		7.324				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.565	7.565	0.000	39	87721	49.5	
57 Benzene	78		7.591				ND	
59 1,2-Dichloroethane	62		7.665				ND	7
* 62 Fluorobenzene (IS)	96	7.990	7.993	-0.003	99	1382608	50.0	M
65 Trichloroethene	95		8.463				ND	
69 1,2-Dichloropropane	63		8.797				ND	
74 Dichlorobromomethane	83		9.135				ND	7
77 cis-1,3-Dichloropropene	75		9.652				ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.823				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.951	9.948	0.003	93	1265119	53.7	
118 Toluene	92		10.022				ND	7
120 trans-1,3-Dichloropropene	75		10.263				ND	7
122 1,1,2-Trichloroethane	97		10.466				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
123 Tetrachloroethene	166		10.543				ND	
126 2-Hexanone	43		10.671				ND	
128 Chlorodibromomethane	129		10.826				ND	
129 Ethylene Dibromide	107		10.935				ND	
S 130 Xylenes, Total	106		11.245				ND	7
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	85	958281	50.0	
133 Chlorobenzene	112		11.379				ND	
134 1,1,1,2-Tetrachloroethane	131		11.456				ND	
135 Ethylbenzene	91		11.459				ND	
136 m-Xylene & p-Xylene	106		11.569				ND	7
138 o-Xylene	106		11.897				ND	
139 Styrene	104		11.909				ND	
140 Bromoform	173		12.067				ND	7
\$ 144 4-Bromofluorobenzene (Surr)	95	12.331	12.327	0.004	89	475887	53.5	
145 1,1,2,2-Tetrachloroethane	83		12.427				ND	
* 160 1,4-Dichlorobenzene-d4	152	13.196	13.196	0.000	95	540361	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 07:18:50

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X19.D

Injection Date: 09-Oct-2025 15:53:24

Instrument ID: 7159

Operator ID: cIm27445

Lims ID: 410-244152-A-10

Lab Sample ID: 410-244152-10

Worklist Smp#: 20

Client ID: HD-MW-168-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

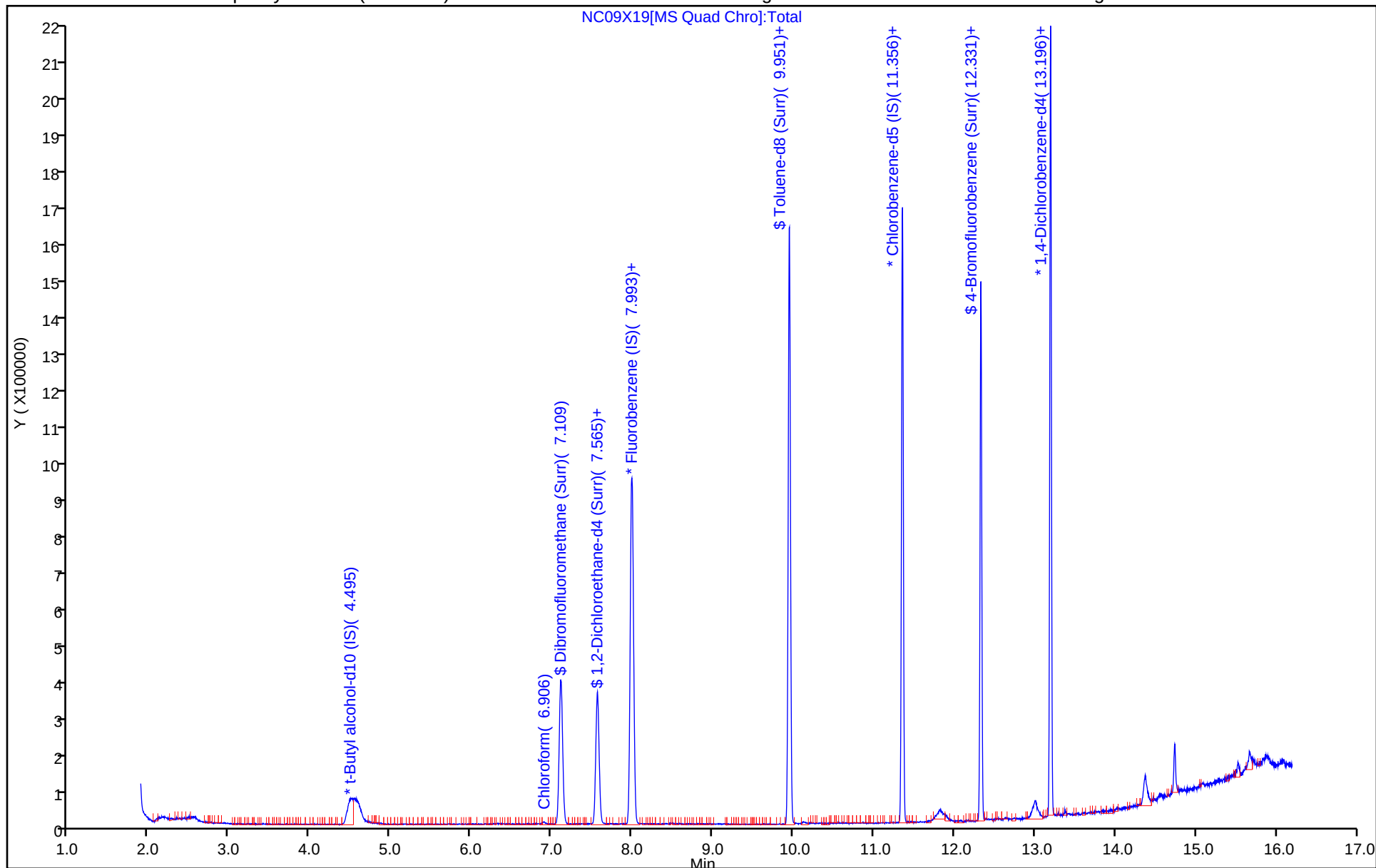
ALS Bottle#: 19

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X19.D
Lims ID: 410-244152-A-10
Client ID: HD-MW-168-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 15:53:24 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162536-020
Operator ID: clm27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 07:18:49 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1702

First Level Reviewer: FQ4L

Date: 10-Oct-2025 07:18:49

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	47.1	94.20
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	49.5	99.05
\$ 79 Toluene-d8 (Surr)	50.0	53.7	107.48
\$ 144 4-Bromofluorobenzene (Surr)	50.0	53.5	107.07

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X19.D

Injection Date: 09-Oct-2025 15:53:24

Instrument ID: 7159

Lims ID: 410-244152-A-10

Lab Sample ID: 410-244152-10

Client ID: HD-MW-168-0/1-0

Operator ID: clm27445

ALS Bottle#: 19

Worklist Smp#: 20

Purge Vol: 5.000 mL

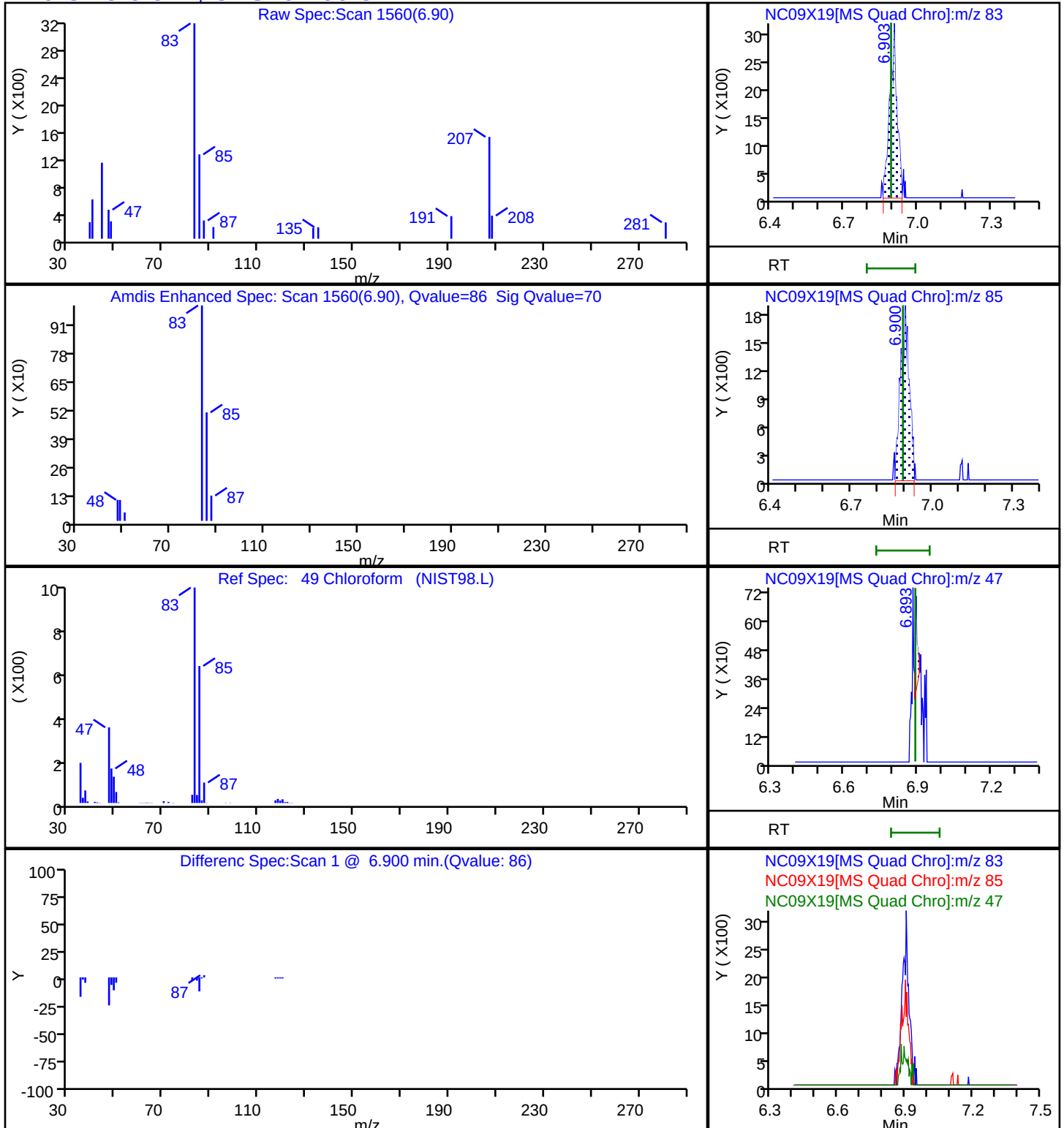
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID)

MS Quad

49 Chloroform, CAS: 67-66-3

Eurofins Lancaster Laboratories Environment Testing, LLC

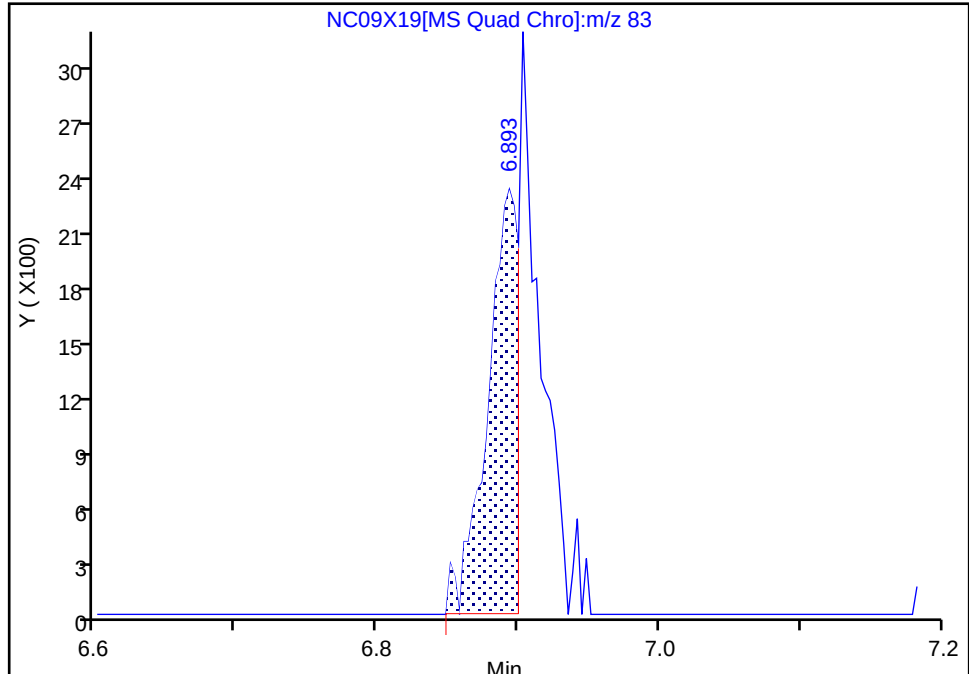
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X19.D
Injection Date: 09-Oct-2025 15:53:24 Instrument ID: 7159
Lims ID: 410-244152-A-10 Lab Sample ID: 410-244152-10
Client ID: HD-MW-168-0/1-0
Operator ID: clm27445 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

49 Chloroform, CAS: 67-66-3

Signal: 1

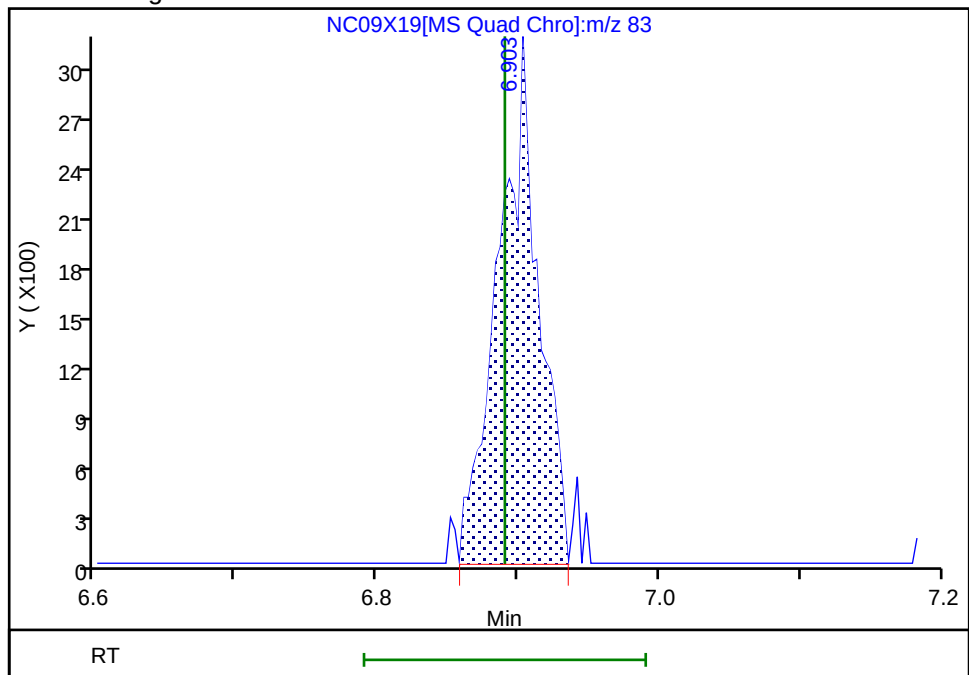
RT: 6.89
Area: 3445
Amount: 0.215911
Amount Units: ug/l

Processing Integration Results



RT: 6.90
Area: 6235
Amount: 0.390770
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 10-Oct-2025 07:18:38 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

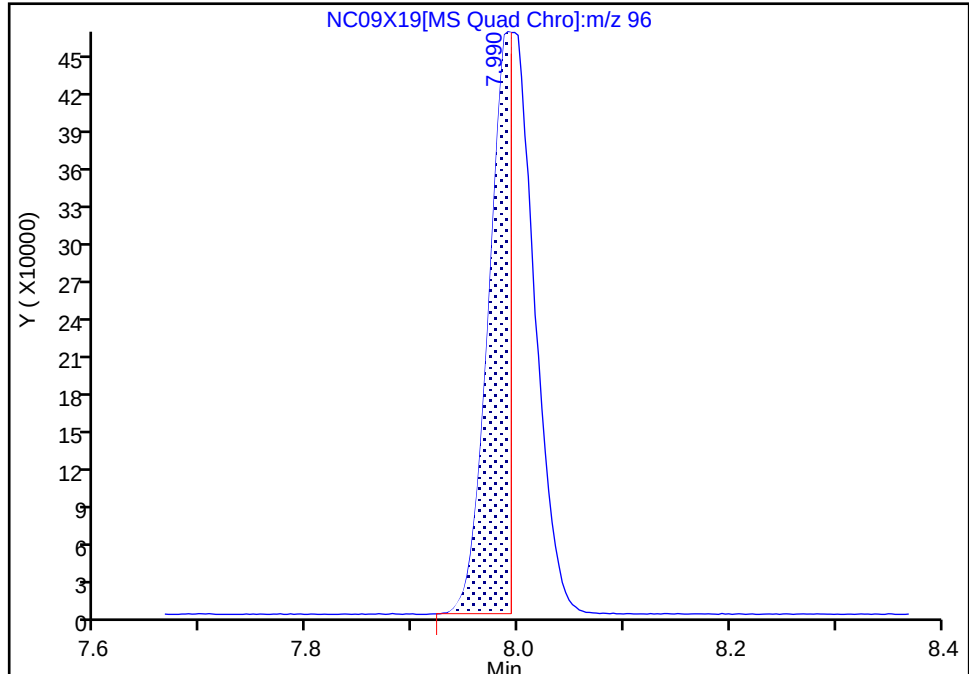
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X19.D
Injection Date: 09-Oct-2025 15:53:24 Instrument ID: 7159
Lims ID: 410-244152-A-10 Lab Sample ID: 410-244152-10
Client ID: HD-MW-168-0/1-0
Operator ID: clm27445 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 62 Fluorobenzene (IS), CAS: 462-06-6

Signal: 1

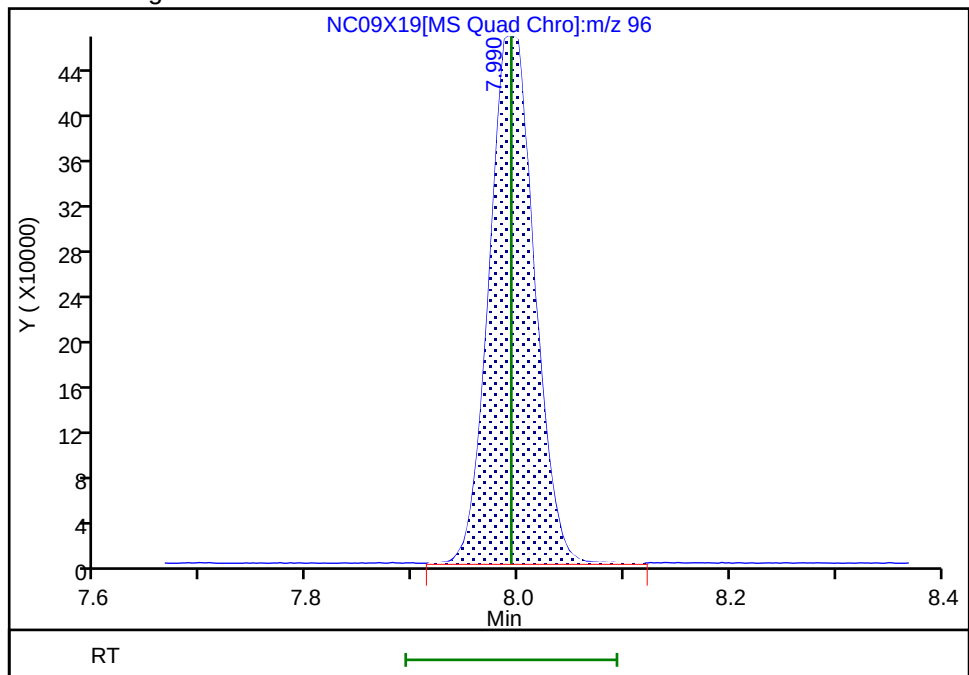
RT: 7.99
Area: 708321
Amount: 50.000000
Amount Units: ug/l

Processing Integration Results



RT: 7.99
Area: 1382608
Amount: 50.000000
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 10-Oct-2025 07:18:04 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-108D-0/1-0

Lab Sample ID: 410-244152-11

Matrix: Water

Lab File ID: NC09X20.D

Analysis Method: 8260D

Date Collected: 09/25/2025 12:43

Sample wt/vol: 5(mL)

Date Analyzed: 10/09/2025 16:13

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND	^c *+ cn	1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c cn	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-108D-0/1-0 Lab Sample ID: 410-244152-11

Matrix: Water Lab File ID: NC09X20.D

Analysis Method: 8260D Date Collected: 09/25/2025 12:43

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 16:13

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711283 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND	^c cn	1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	105		80-120
1868-53-7	Dibromofluoromethane (Surr)	95		80-120
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X20.D
 Lims ID: 410-244152-A-11
 Client ID: HD-MW-108D-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 16:13:23 ALS Bottle#: 20 Worklist Smp#: 21
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162536-021
 Operator ID: clm27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 07:17:32 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1702

First Level Reviewer: FQ4L

Date: 10-Oct-2025 07:17:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.228				ND	
6 Vinyl chloride	62		2.357				ND	
8 Bromomethane	94		2.707				ND	
9 Chloroethane	64		2.800				ND	
17 1,1-Dichloroethene	96		3.746				ND	7
19 Acetone	58		3.800				ND	
22 Carbon disulfide	76		4.061				ND	
26 Methylene Chloride	84		4.469				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.524	4.501	0.023	1	437337	250.0	
32 Methyl tert-butyl ether	73		4.897				ND	7
31 trans-1,2-Dichloroethene	96		4.900				ND	7
35 1,1-Dichloroethane	63		5.582				ND	
40 2-Butanone (MEK)	43		6.392				ND	U
41 cis-1,2-Dichloroethene	96		6.411				ND	
47 Chlorobromomethane	128		6.742				ND	
49 Chloroform	83	6.896	6.890	0.006	90	4135	0.2627	M
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.106	0.009	93	367197	47.3	
51 1,1,1-Trichloroethane	97		7.115				ND	
53 Carbon tetrachloride	117		7.324				ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.562	7.565	-0.003	27	87464	50.0	
57 Benzene	78		7.591				ND	
59 1,2-Dichloroethane	62		7.665				ND	7
* 62 Fluorobenzene (IS)	96	7.993	7.993	0.000	100	1364194	50.0	
65 Trichloroethene	95		8.463				ND	
69 1,2-Dichloropropane	63		8.797				ND	
74 Dichlorobromomethane	83		9.135				ND	
77 cis-1,3-Dichloropropene	75		9.652				ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.823				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.948	9.948	0.000	93	1245875	52.9	
118 Toluene	92		10.022				ND	7
120 trans-1,3-Dichloropropene	75		10.263				ND	
122 1,1,2-Trichloroethane	97		10.466				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
123 Tetrachloroethene	166		10.543				ND	7
126 2-Hexanone	43		10.671				ND	7
128 Chlorodibromomethane	129		10.826				ND	
129 Ethylene Dibromide	107		10.935				ND	
S 130 Xylenes, Total	106		11.245				ND	7
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	84	957827	50.0	
133 Chlorobenzene	112		11.379				ND	
134 1,1,1,2-Tetrachloroethane	131		11.456				ND	
135 Ethylbenzene	91		11.459				ND	
136 m-Xylene & p-Xylene	106		11.569				ND	7
138 o-Xylene	106		11.897				ND	
139 Styrene	104		11.909				ND	
140 Bromoform	173		12.067				ND	7
\$ 144 4-Bromofluorobenzene (Surr)	95	12.330	12.327	0.003	89	466623	52.5	
145 1,1,2,2-Tetrachloroethane	83		12.427				ND	7
* 160 1,4-Dichlorobenzene-d4	152	13.195	13.196	-0.001	95	535894	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

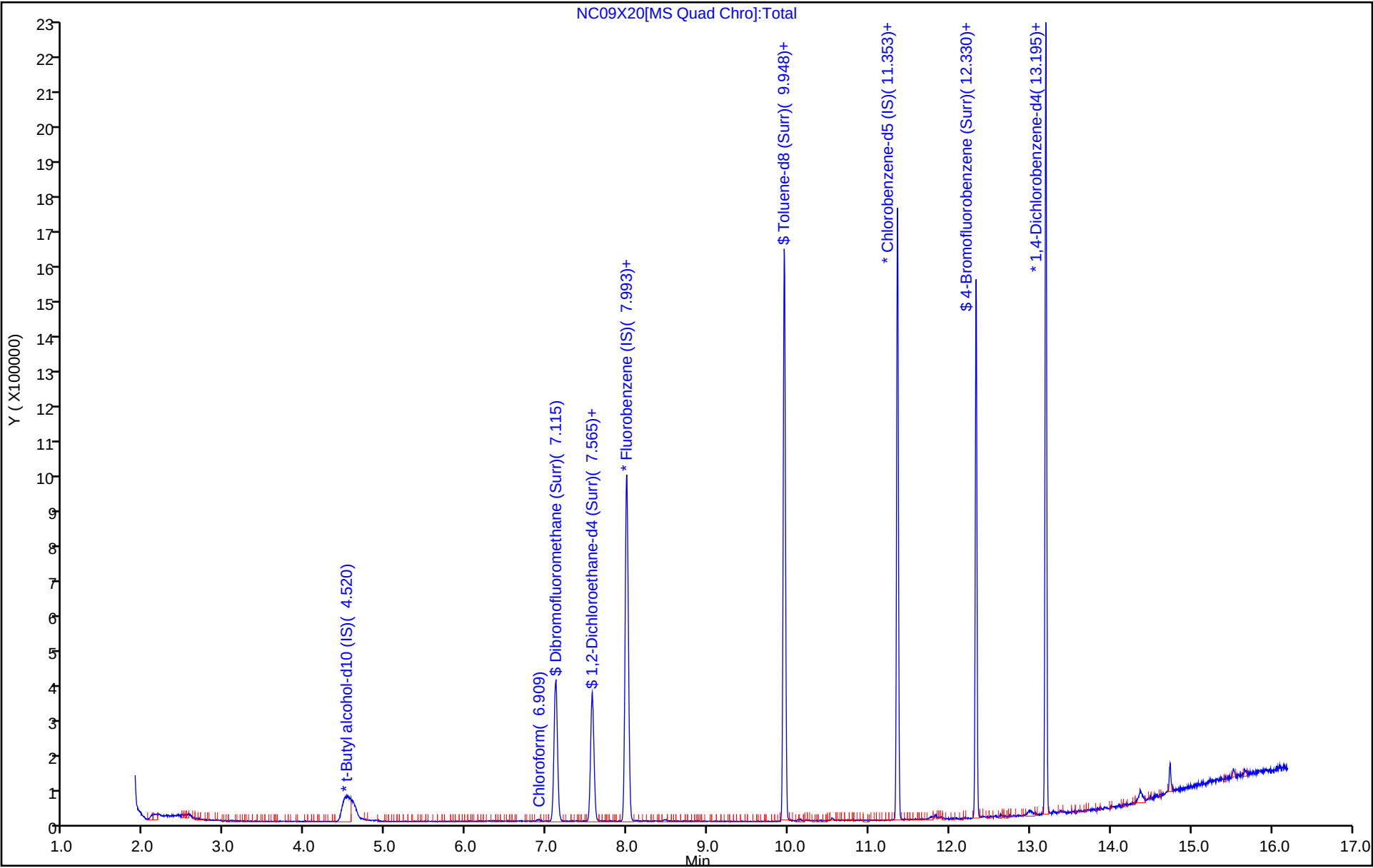
Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X20.D
Lims ID: 410-244152-A-11
Client ID: HD-MW-108D-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 16:13:23 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162536-021
Operator ID: clm27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 07:17:32 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1702

First Level Reviewer: FQ4L

Date: 10-Oct-2025 07:17:32

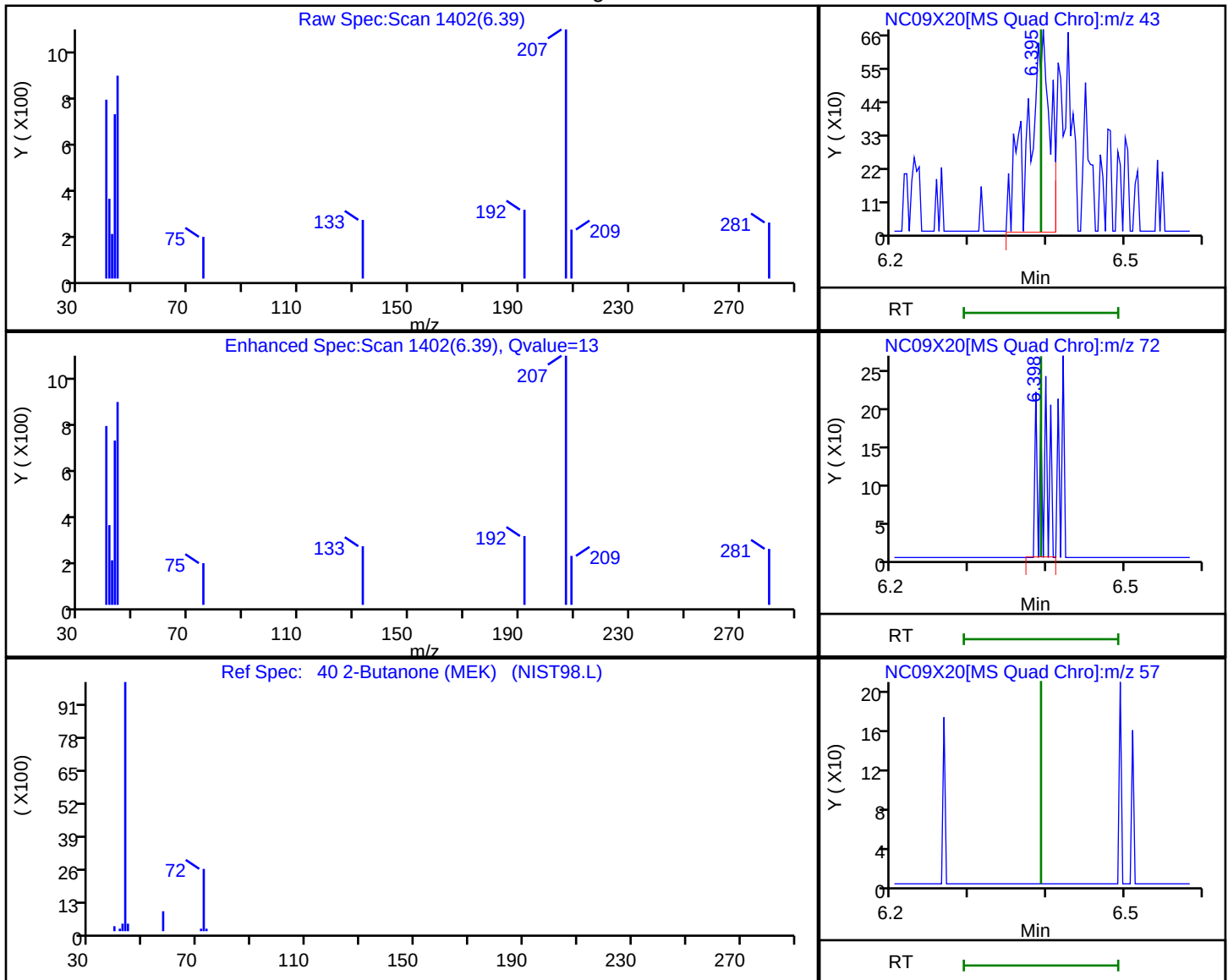
Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	47.3	94.70
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	50.0	100.09
\$ 79 Toluene-d8 (Surr)	50.0	52.9	105.90
\$ 144 4-Bromofluorobenzene (Surr)	50.0	52.5	105.04

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X20.D
Injection Date: 09-Oct-2025 16:13:23 Instrument ID: 7159
Lims ID: 410-244152-A-11 Lab Sample ID: 410-244152-11
Client ID: HD-MW-108D-0/1-0
Operator ID: clm27445 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
6.39	43.00	1334	0.327586
6.40	72.00	164	
6.39	57.00	0	

Reviewer: FQ4L, 10-Oct-2025 07:16:58 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

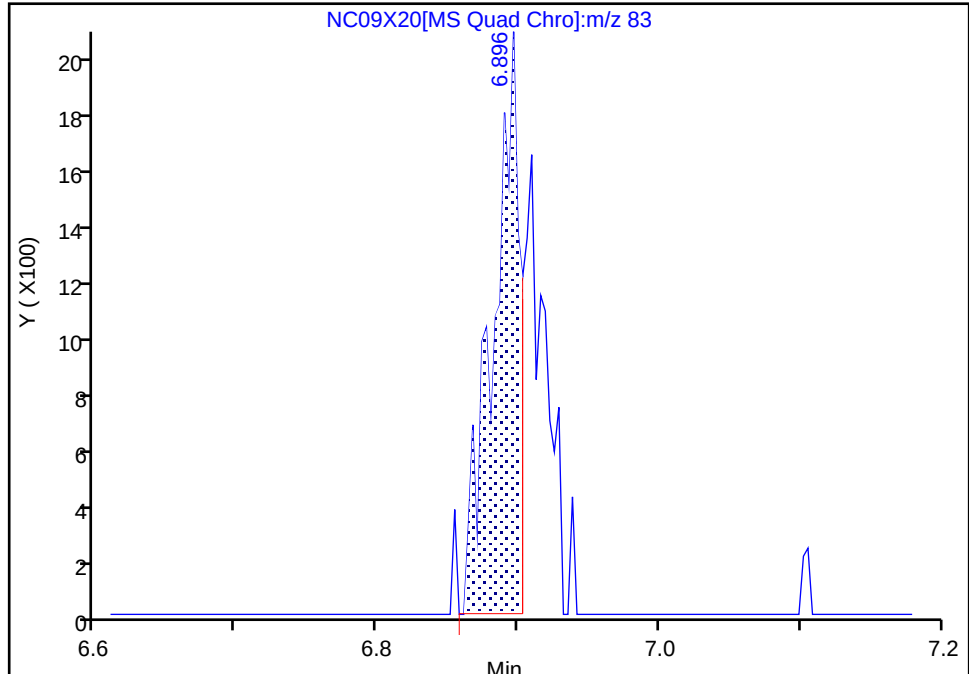
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X20.D
Injection Date: 09-Oct-2025 16:13:23 Instrument ID: 7159
Lims ID: 410-244152-A-11 Lab Sample ID: 410-244152-11
Client ID: HD-MW-108D-0/1-0
Operator ID: clm27445 ALS Bottle#: 20 Worklist Smp#: 21
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

49 Chloroform, CAS: 67-66-3

Signal: 1

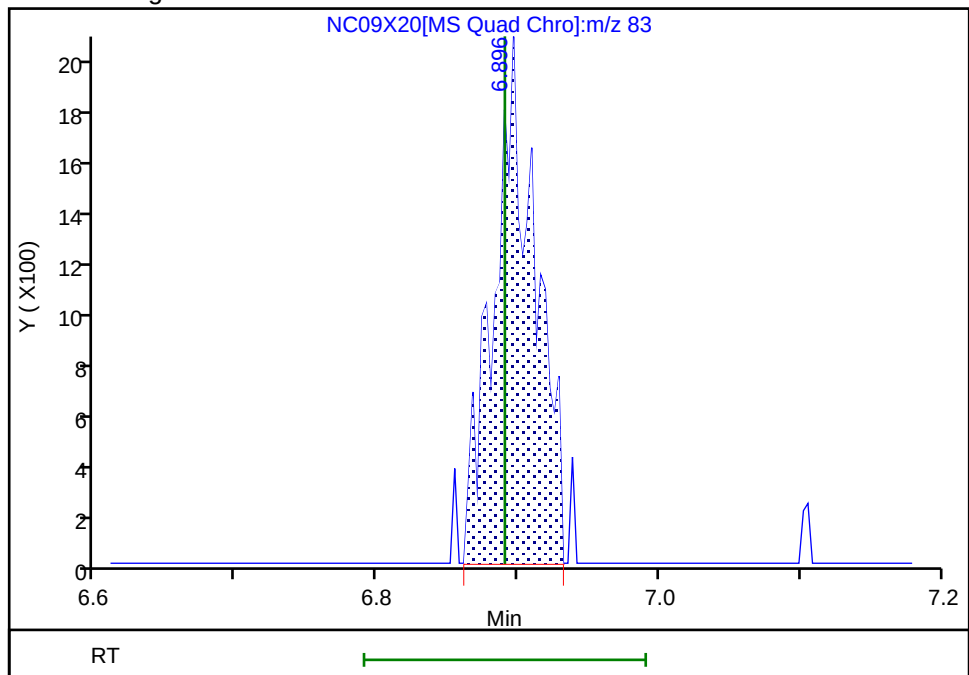
RT: 6.90
Area: 2623
Amount: 0.166612
Amount Units: ug/l

Processing Integration Results



RT: 6.90
Area: 4135
Amount: 0.262653
Amount Units: ug/l

Manual Integration Results



Reviewer: FQ4L, 10-Oct-2025 07:17:08 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-65S-0/1-0

Lab Sample ID: 410-244152-12

Matrix: Water

Lab File ID: FC09X12.D

Analysis Method: 8260D

Date Collected: 09/26/2025 08:40

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 15:14

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	1.4		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	1.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-65S-0/1-0 Lab Sample ID: 410-244152-12

Matrix: Water Lab File ID: FC09X12.D

Analysis Method: 8260D Date Collected: 09/26/2025 08:40

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 15:14

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	2.4		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	108		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	116		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D
 Lims ID: 410-244152-A-12
 Client ID: HD-MW-65S-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 15:14:16 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-013
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:50:55 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:50:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	7
8 Bromomethane	94		2.592				ND	7
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	U
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.284	4.316	-0.032	98	2057615	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	7
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43	6.136	6.155	-0.019	45	4252	0.3080	
42 cis-1,2-Dichloroethene	96		6.164				ND	7
46 Chlorobromomethane	128		6.499				ND	7
48 Chloroform	83	6.647	6.656	-0.009	94	28653	1.37	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.865	-0.003	92	682330	58.1	
50 1,1,1-Trichloroethane	97		6.881				ND	7
53 Carbon tetrachloride	117		7.087				ND	7
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.322	0.003	99	166377	54.2	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.759	7.762	-0.003	98	2180460	50.0	
64 Trichloroethene	95	8.242	8.238	0.004	94	26032	2.39	
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.785	-0.003	94	2017415	47.2	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166	10.402	10.402	0.000	90	19053	1.75	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1508229	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	7
120 o-Xylene	106		11.801				ND	7
121 Styrene	104		11.814				ND	7
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.242	12.241	0.001	85	697742	45.3	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	96	840241	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 09:50:56

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D

Injection Date: 09-Oct-2025 15:14:16

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-12

Lab Sample ID: 410-244152-12

Worklist Smp#: 13

Client ID: HD-MW-65S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

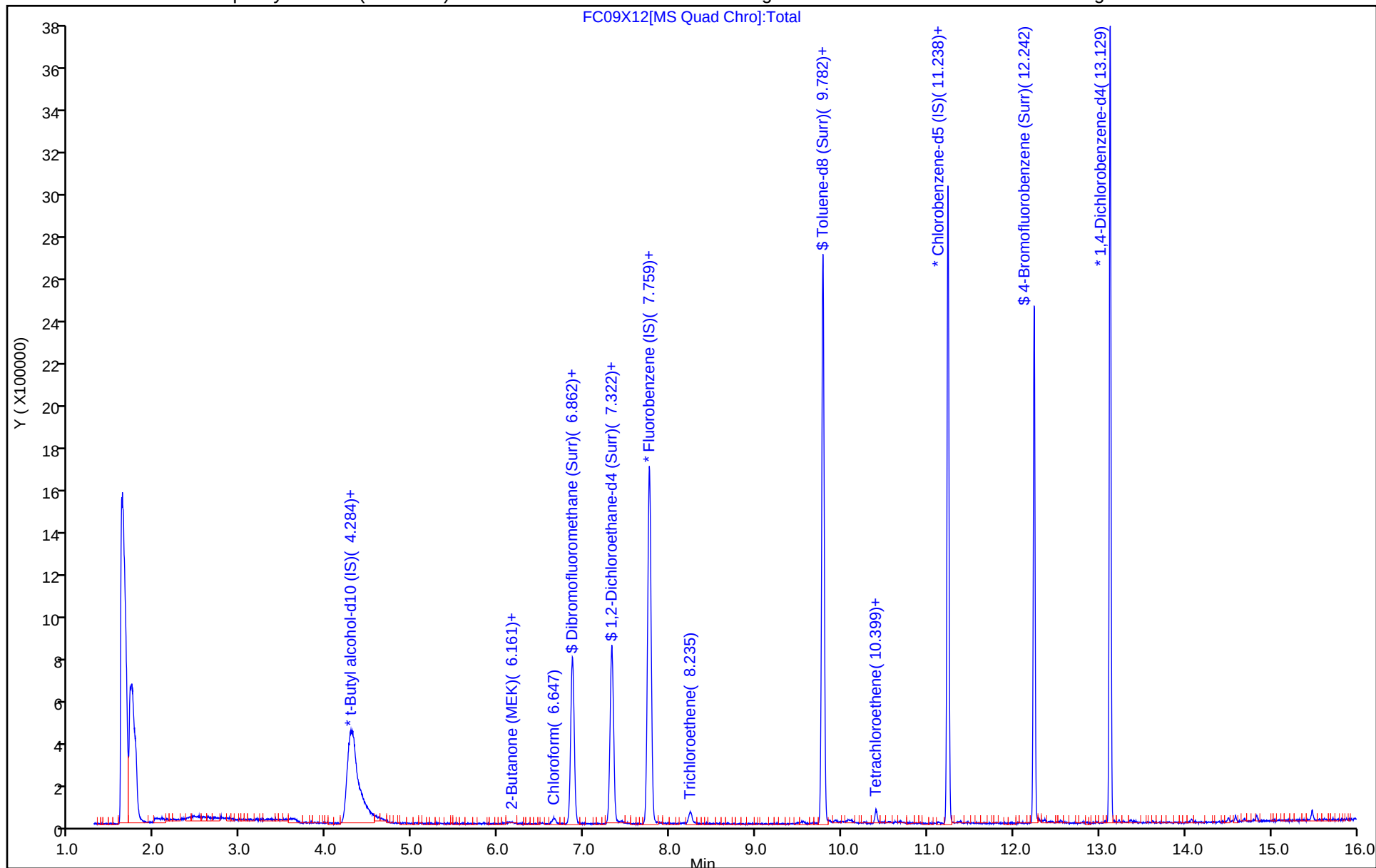
ALS Bottle#: 12

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D
Lims ID: 410-244152-A-12
Client ID: HD-MW-65S-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 15:14:16 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-013
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:50:55 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:50:55

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.1	116.13
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	54.2	108.48
\$ 79 Toluene-d8 (Surr)	50.0	47.2	94.44
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.3	90.50

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D

Injection Date: 09-Oct-2025 15:14:16

Instrument ID: 15830

Lims ID: 410-244152-A-12

Lab Sample ID: 410-244152-12

Client ID: HD-MW-65S-0/1-0

Operator ID: lcp00895

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

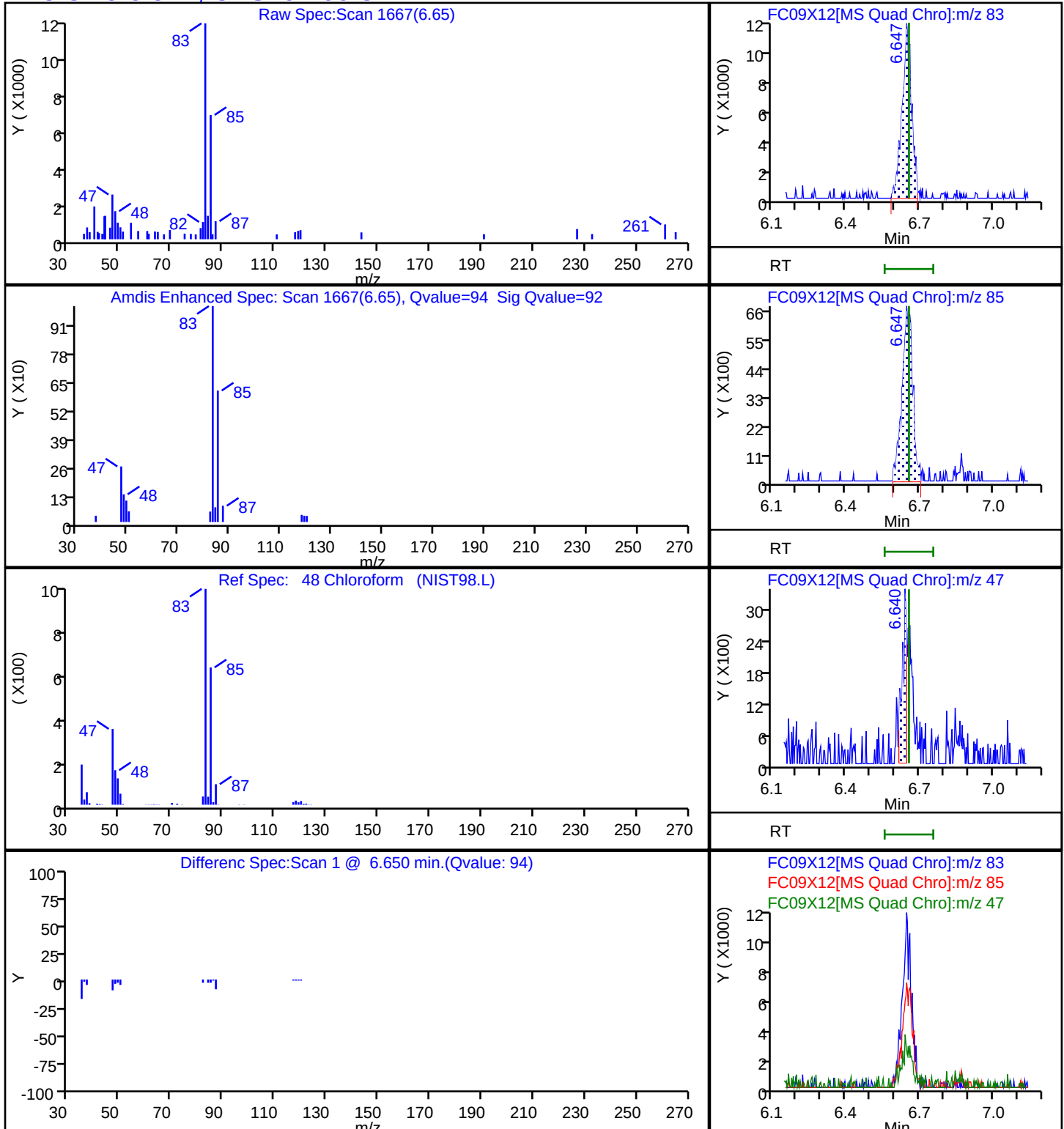
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

48 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D

Injection Date: 09-Oct-2025 15:14:16

Instrument ID: 15830

Lims ID: 410-244152-A-12

Lab Sample ID: 410-244152-12

Client ID: HD-MW-65S-0/1-0

Operator ID: lcp00895

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

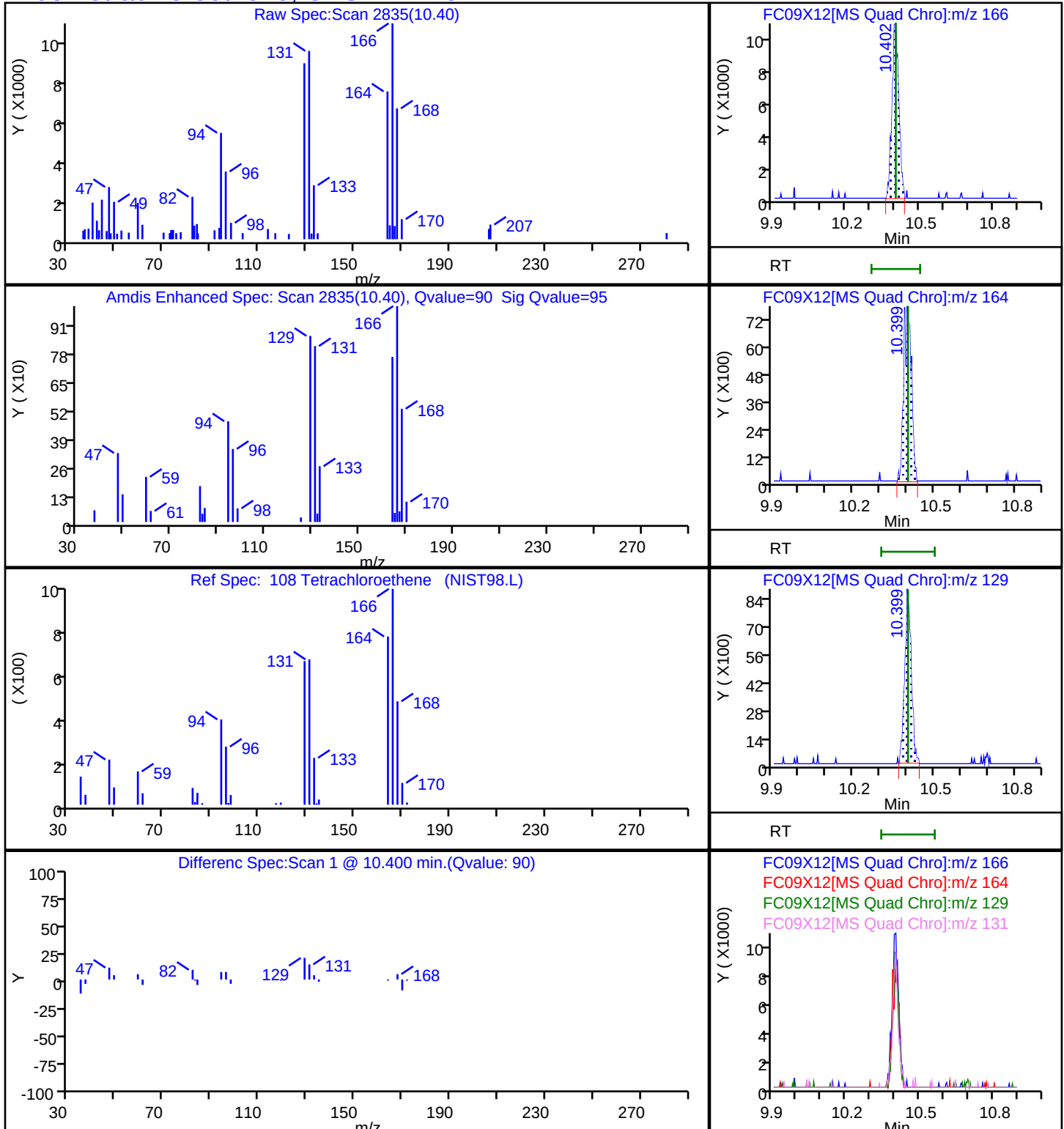
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D

Injection Date: 09-Oct-2025 15:14:16

Instrument ID: 15830

Lims ID: 410-244152-A-12

Lab Sample ID: 410-244152-12

Client ID: HD-MW-65S-0/1-0

Operator ID: lcp00895

ALS Bottle#: 12

Worklist Smp#: 13

Purge Vol: 5.000 mL

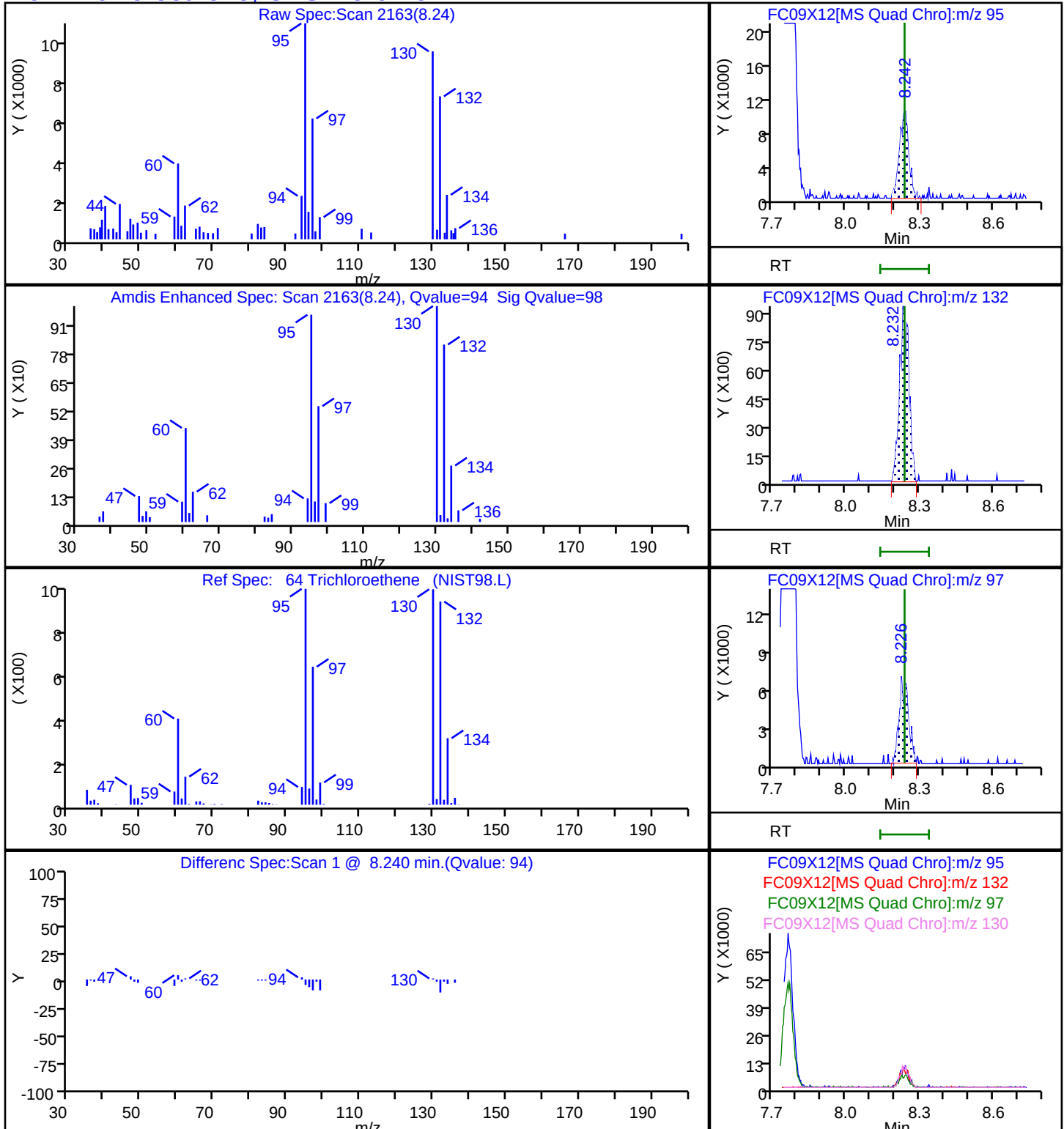
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

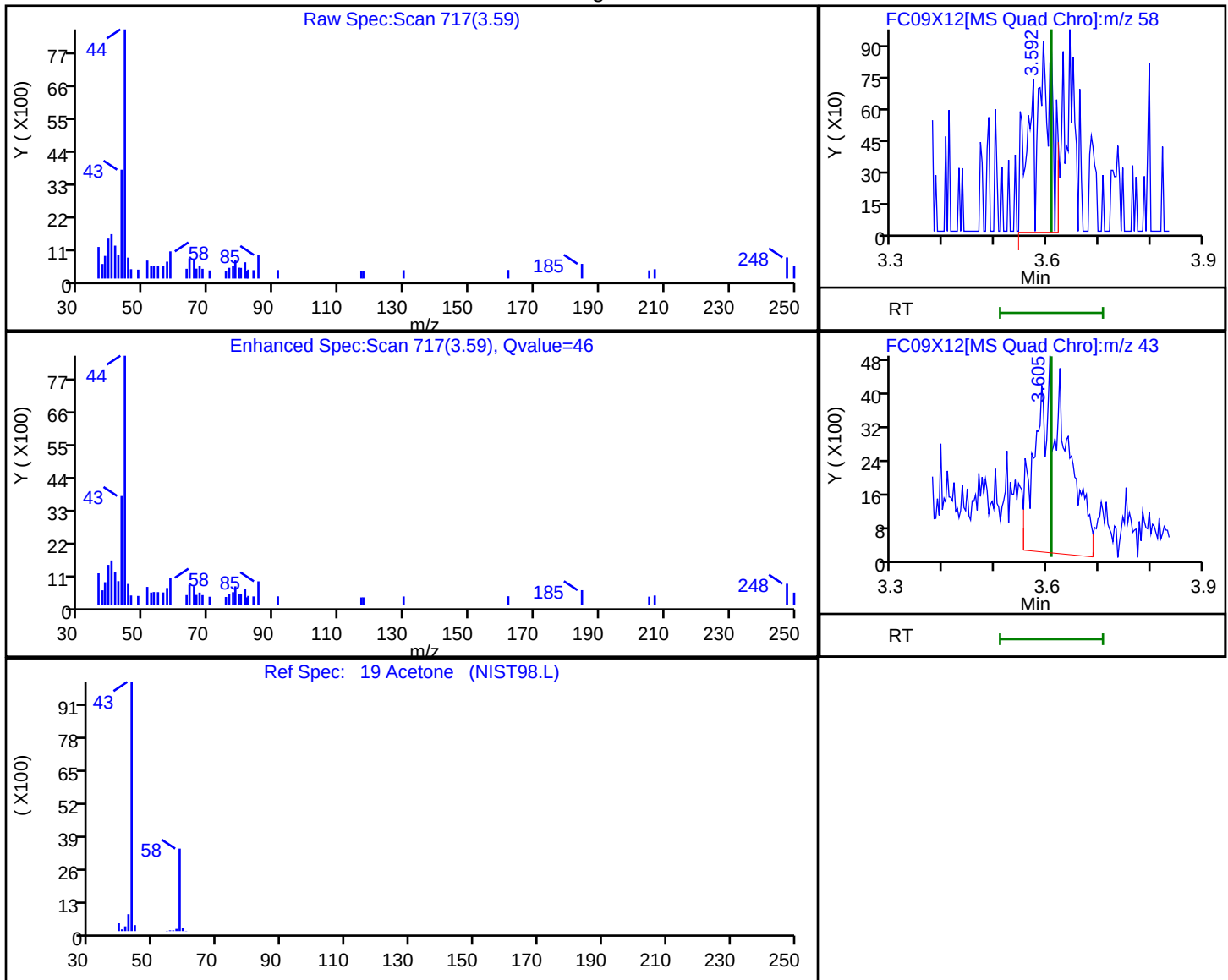
64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X12.D
Injection Date: 09-Oct-2025 15:14:16 Instrument ID: 15830
Lims ID: 410-244152-A-12 Lab Sample ID: 410-244152-12
Client ID: HD-MW-65S-0/1-0
Operator ID: lcp00895 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Processing Results



RT	Mass	Response	Amount
3.59	58.00	2449	0.524151
3.61	43.00	19103	

Reviewer: D9QF, 10-Oct-2025 09:50:14 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-20M-0/1-0

Lab Sample ID: 410-244152-13

Matrix: Water

Lab File ID: FC09X13.D

Analysis Method: 8260D

Date Collected: 09/26/2025 09:00

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 15:37

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-20M-0/1-0 Lab Sample ID: 410-244152-13

Matrix: Water Lab File ID: FC09X13.D

Analysis Method: 8260D Date Collected: 09/26/2025 09:00

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 15:37

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.5		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	109		80-120
460-00-4	4-Bromofluorobenzene (Surr)	90		80-120
1868-53-7	Dibromofluoromethane (Surr)	117		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X13.D
 Lims ID: 410-244152-A-13
 Client ID: HD-MW-20M-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 15:37:25 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-014
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:50:55 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:51:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	7
8 Bromomethane	94		2.592				ND	7
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	7
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.312	4.316	-0.004	99	2595697	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	7
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43		6.155				ND	7
42 cis-1,2-Dichloroethene	96		6.164				ND	7
46 Chlorobromomethane	128		6.499				ND	7
48 Chloroform	83		6.656				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.865	0.000	71	679824	58.7	
50 1,1,1-Trichloroethane	97		6.881				ND	7
53 Carbon tetrachloride	117		7.087				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.322	0.003	99	164672	54.5	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.766	7.762	0.004	98	2149449	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	93	15628	1.46	
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.785	9.785	0.000	94	1950581	47.2	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166	10.396	10.402	-0.006	75	2486	0.2363	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.241	11.238	0.003	88	1458493	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	7
120 o-Xylene	106		11.801				ND	7
121 Styrene	104		11.814				ND	7
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.245	12.241	0.004	86	673871	45.2	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	96	808823	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 09:51:38

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X13.D

Injection Date: 09-Oct-2025 15:37:25

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-13

Lab Sample ID: 410-244152-13

Worklist Smp#: 14

Client ID: HD-MW-20M-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

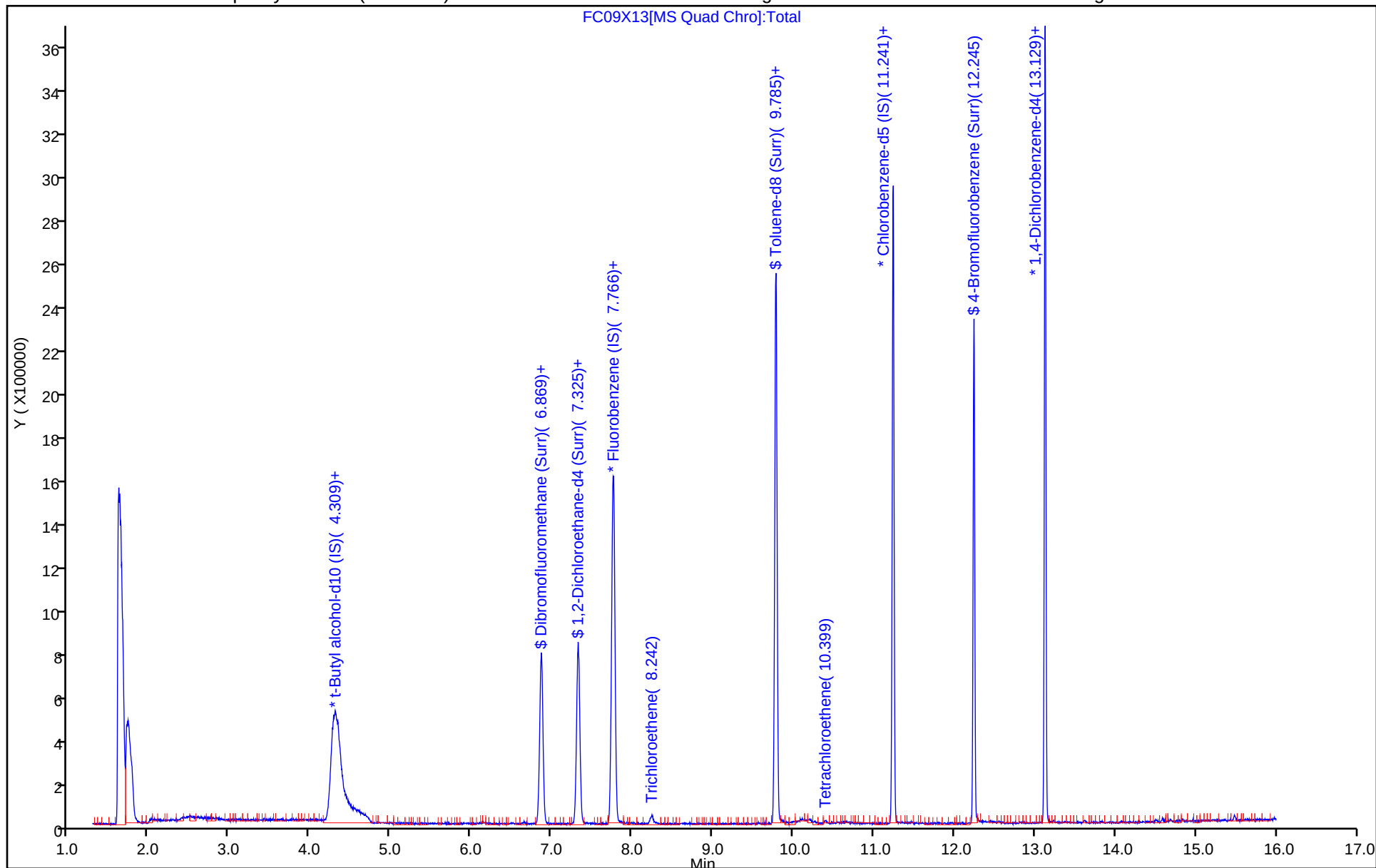
ALS Bottle#: 13

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X13.D
Lims ID: 410-244152-A-13
Client ID: HD-MW-20M-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 15:37:25 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-014
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:50:55 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:51:37

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.7	117.38
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	54.5	108.91
\$ 79 Toluene-d8 (Surr)	50.0	47.2	94.43
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.2	90.39

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X13.D

Injection Date: 09-Oct-2025 15:37:25

Instrument ID: 15830

Lims ID: 410-244152-A-13

Lab Sample ID: 410-244152-13

Client ID: HD-MW-20M-0/1-0

Operator ID: lcp00895

ALS Bottle#: 13

Worklist Smp#: 14

Purge Vol: 5.000 mL

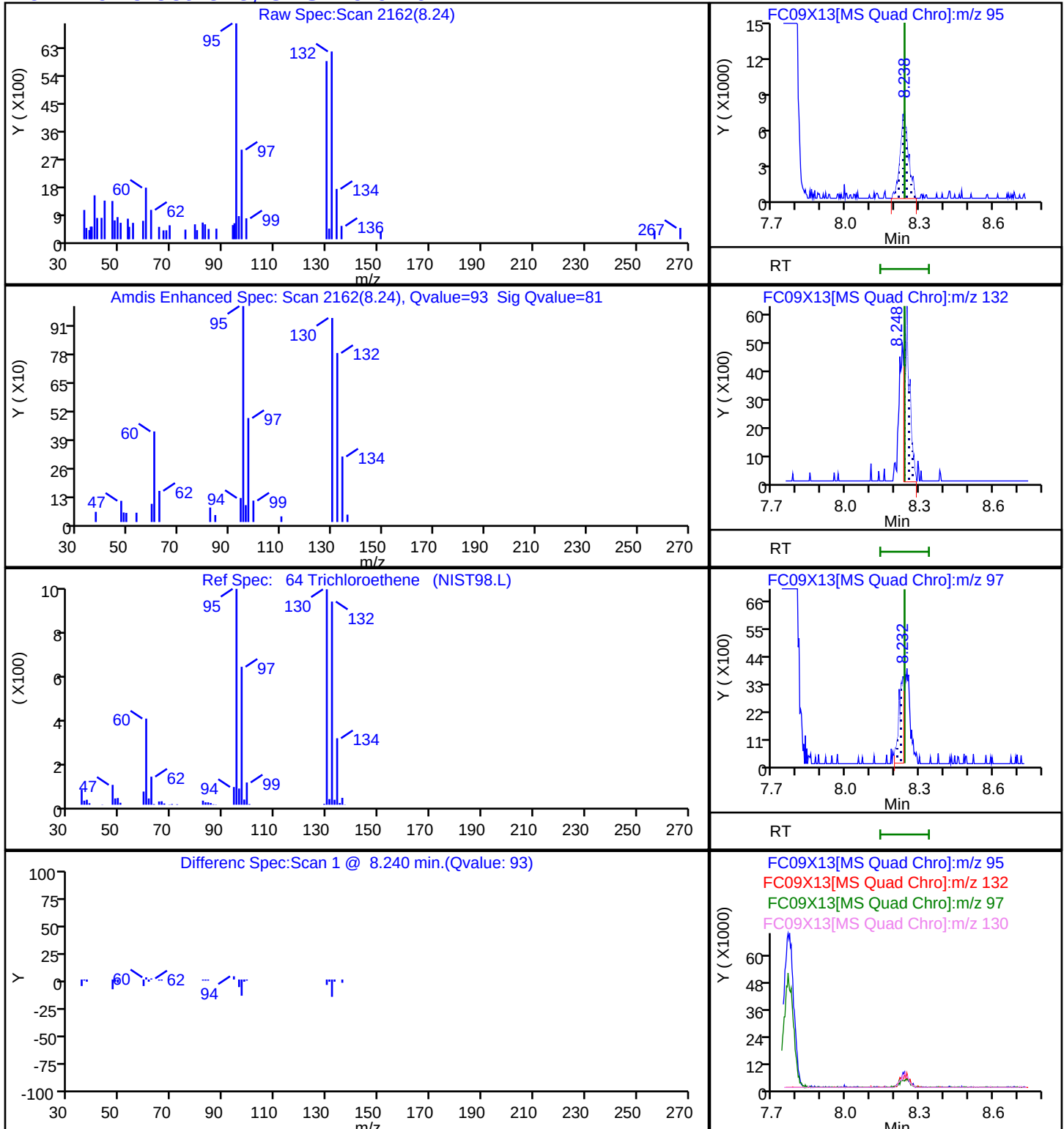
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-14-0/1-0

Lab Sample ID: 410-244152-14

Matrix: Water

Lab File ID: FC09X14.D

Analysis Method: 8260D

Date Collected: 09/26/2025 10:47

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 16:00

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.35	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	7.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-14-0/1-0 Lab Sample ID: 410-244152-14

Matrix: Water Lab File ID: FC09X14.D

Analysis Method: 8260D Date Collected: 09/26/2025 10:47

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 16:00

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.51	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	113		80-120
460-00-4	4-Bromofluorobenzene (Surr)	87		80-120
1868-53-7	Dibromofluoromethane (Surr)	120		80-120
2037-26-5	Toluene-d8 (Surr)	93		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D
 Lims ID: 410-244152-A-14
 Client ID: HD-MW-14-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 16:00:24 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-015
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:52:44 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:52:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	
8 Bromomethane	94		2.592				ND	U
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	7
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.300	4.316	-0.016	98	2486643	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	7
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43		6.155				ND	7
42 cis-1,2-Dichloroethene	96		6.164				ND	7
46 Chlorobromomethane	128		6.499				ND	7
48 Chloroform	83	6.640	6.656	-0.016	78	7171	0.3515	
\$ 49 Dibromofluoromethane (Surr)	113	6.859	6.865	-0.006	93	687400	60.2	
50 1,1,1-Trichloroethane	97		6.881				ND	7
53 Carbon tetrachloride	117		7.087				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.322	0.003	98	167997	56.3	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.759	7.762	-0.003	99	2119604	50.0	
64 Trichloroethene	95	8.232	8.238	-0.006	54	5373	0.5076	M
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.785	-0.003	95	1936399	46.7	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166	10.402	10.402	0.000	95	80506	7.62	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	87	1463945	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	7
120 o-Xylene	106		11.801				ND	
121 Styrene	104		11.814				ND	7
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.245	12.241	0.004	86	651911	43.6	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	97	794691	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 09:52:45

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D

Injection Date: 09-Oct-2025 16:00:24

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-14

Lab Sample ID: 410-244152-14

Worklist Smp#: 15

Client ID: HD-MW-14-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

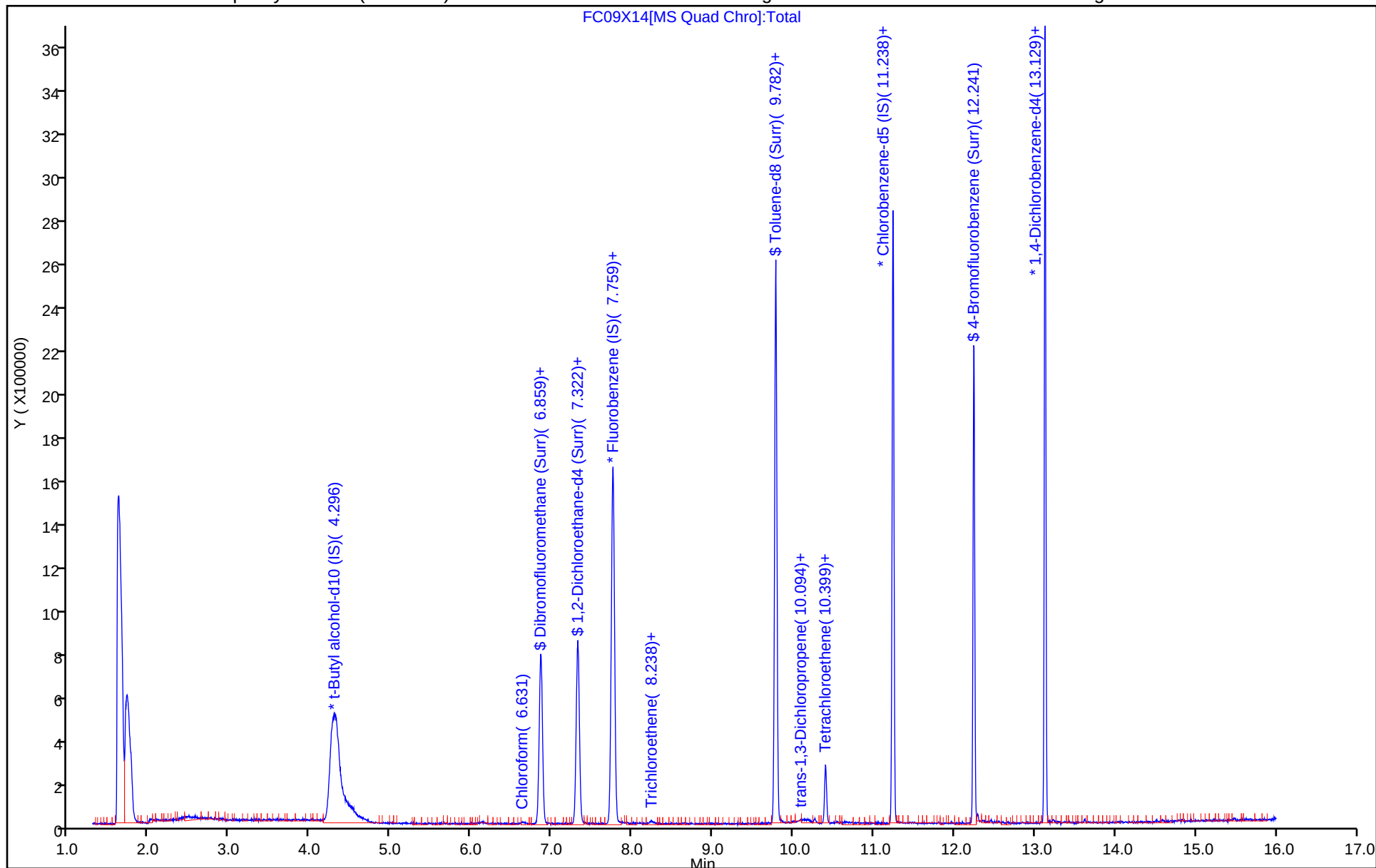
ALS Bottle#: 14

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D
Lims ID: 410-244152-A-14
Client ID: HD-MW-14-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 16:00:24 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-015
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:52:44 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:52:44

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	60.2	120.35
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	56.3	112.68
\$ 79 Toluene-d8 (Surr)	50.0	46.7	93.39
\$ 126 4-Bromofluorobenzene (Surr)	50.0	43.6	87.12

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D

Injection Date: 09-Oct-2025 16:00:24

Instrument ID: 15830

Lims ID: 410-244152-A-14

Lab Sample ID: 410-244152-14

Client ID: HD-MW-14-0/1-0

Operator ID: lcp00895

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

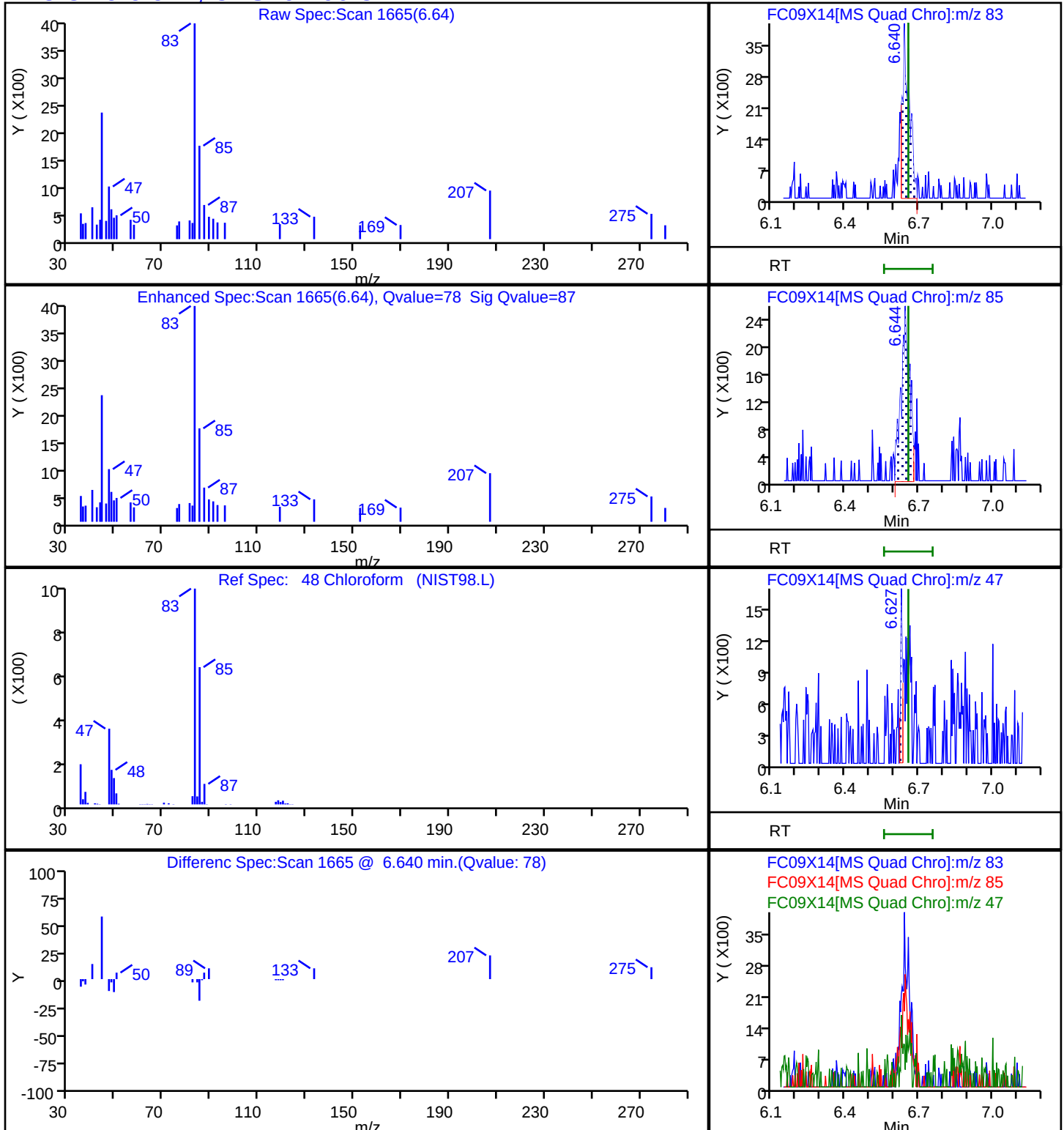
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

48 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D

Injection Date: 09-Oct-2025 16:00:24

Instrument ID: 15830

Lims ID: 410-244152-A-14

Lab Sample ID: 410-244152-14

Client ID: HD-MW-14-0/1-0

Operator ID: lcp00895

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

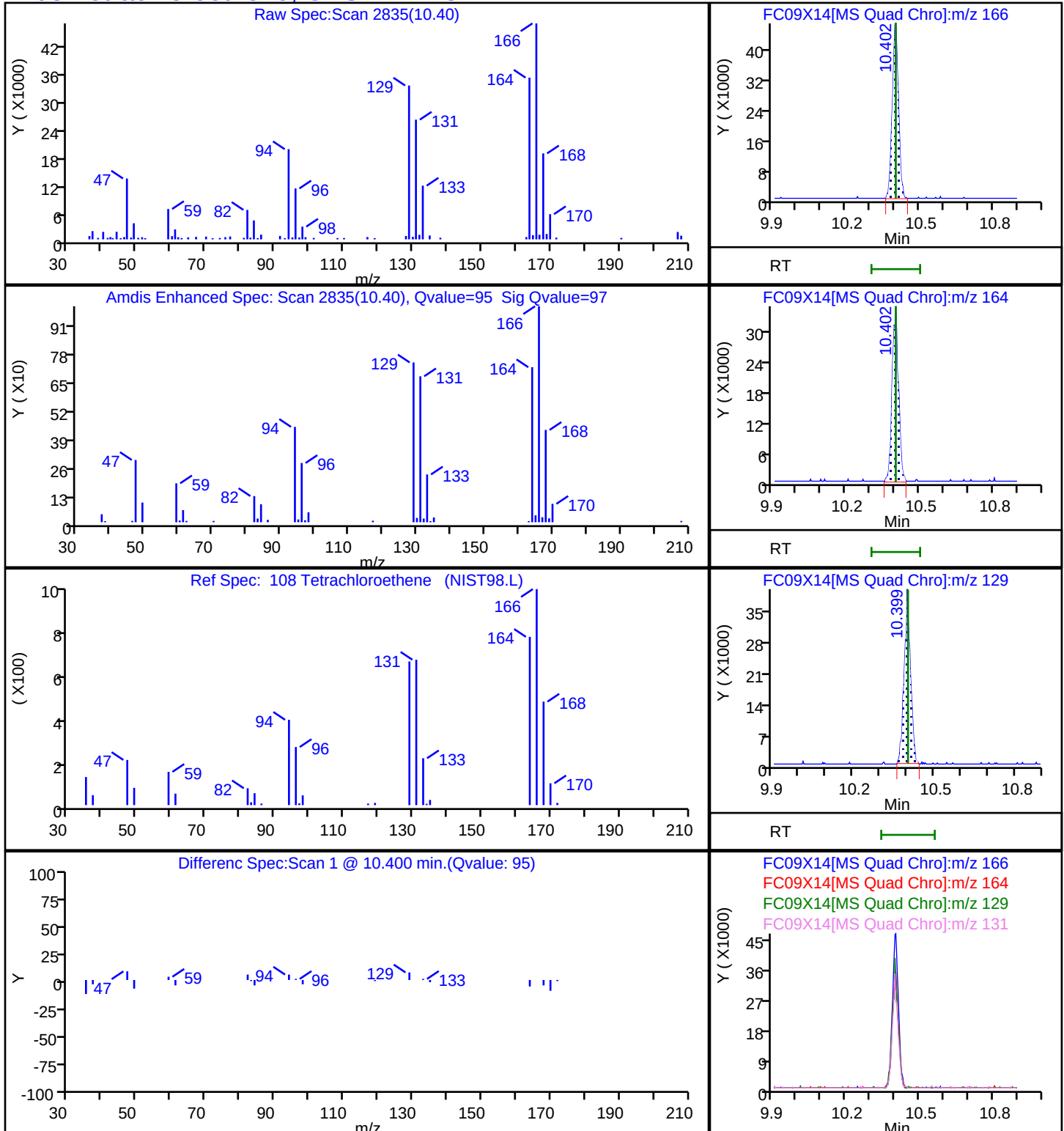
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D

Injection Date: 09-Oct-2025 16:00:24

Instrument ID: 15830

Lims ID: 410-244152-A-14

Lab Sample ID: 410-244152-14

Client ID: HD-MW-14-0/1-0

Operator ID: lcp00895

ALS Bottle#: 14

Worklist Smp#: 15

Purge Vol: 5.000 mL

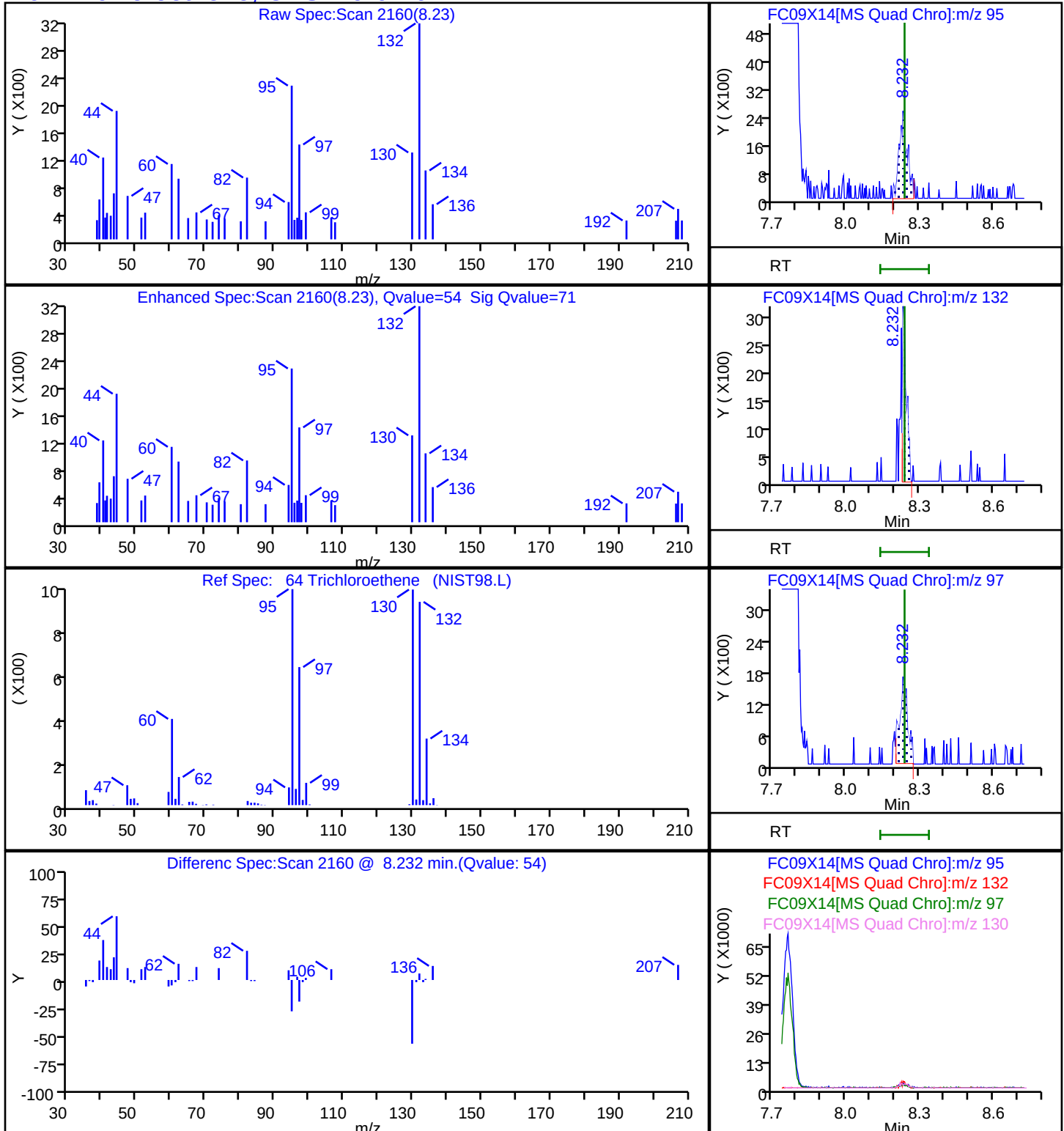
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

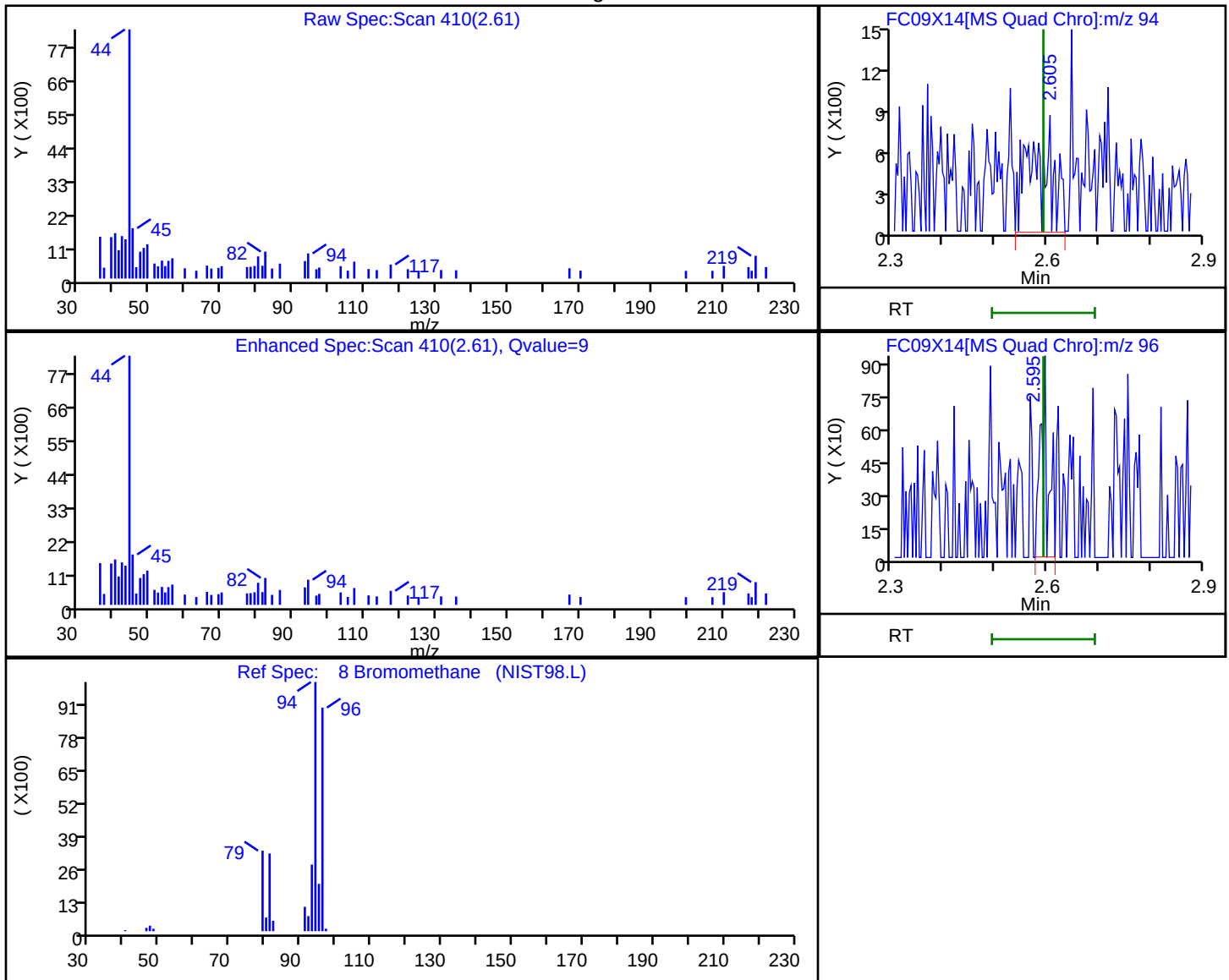
64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D
Injection Date: 09-Oct-2025 16:00:24 Instrument ID: 15830
Lims ID: 410-244152-A-14 Lab Sample ID: 410-244152-14
Client ID: HD-MW-14-0/1-0
Operator ID: lcp00895 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

8 Bromomethane, CAS: 74-83-9

Processing Results



RT	Mass	Response	Amount
2.61	94.00	2369	0.158437
2.60	96.00	901	

Reviewer: D9QF, 10-Oct-2025 09:52:00 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

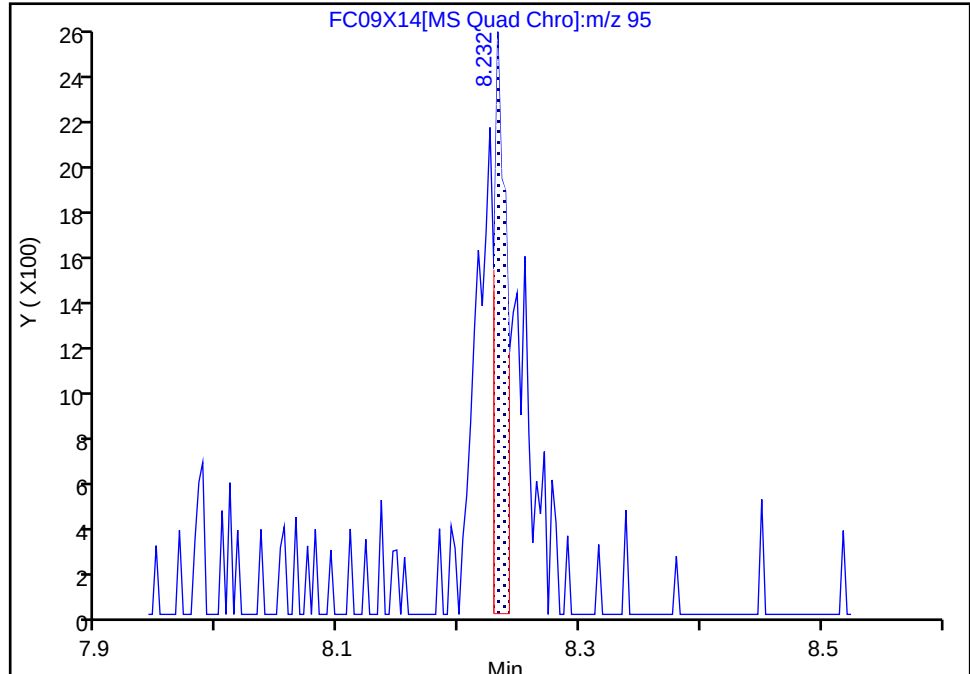
Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X14.D
Injection Date: 09-Oct-2025 16:00:24 Instrument ID: 15830
Lims ID: 410-244152-A-14 Lab Sample ID: 410-244152-14
Client ID: HD-MW-14-0/1-0
Operator ID: lcp00895 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

64 Trichloroethene, CAS: 79-01-6

Signal: 1

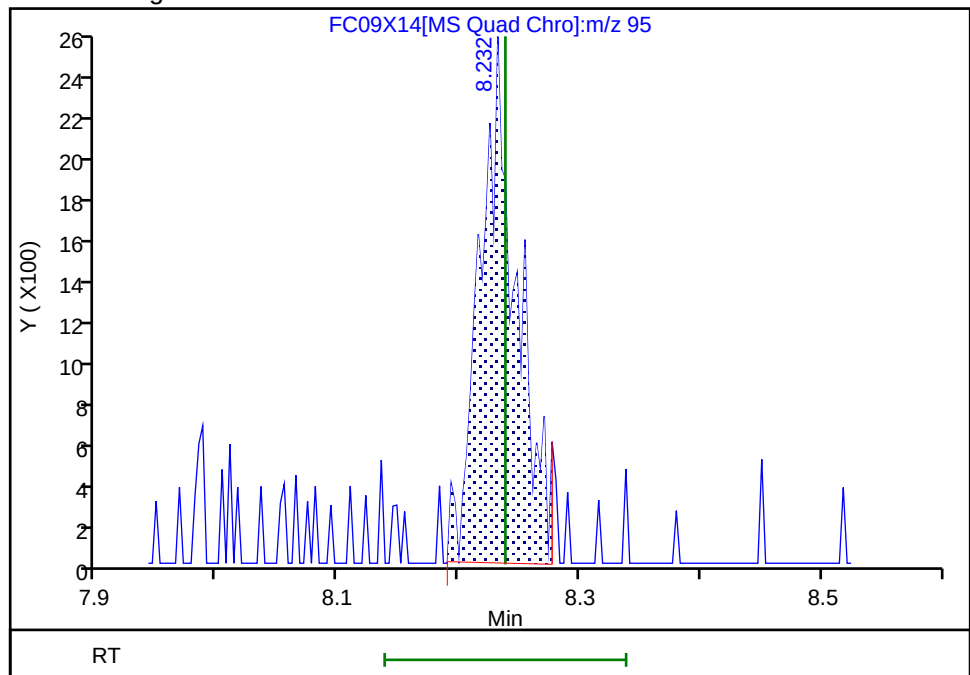
RT: 8.23
Area: 1728
Amount: 0.163258
Amount Units: ug/l

Processing Integration Results



RT: 8.23
Area: 5373
Amount: 0.507631
Amount Units: ug/l

Manual Integration Results



Reviewer: D9QF, 10-Oct-2025 09:52:26 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-22-0/1-0

Lab Sample ID: 410-244152-15

Matrix: Water

Lab File ID: FC09X15.D

Analysis Method: 8260D

Date Collected: 09/26/2025 09:30

Sample wt/vol: 5(mL)

Date Analyzed: 10/09/2025 16:22

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	9.3		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-22-0/1-0 Lab Sample ID: 410-244152-15

Matrix: Water Lab File ID: FC09X15.D

Analysis Method: 8260D Date Collected: 09/26/2025 09:30

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 16:22

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.6		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	119		80-120
2037-26-5	Toluene-d8 (Surr)	94		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X15.D
 Lims ID: 410-244152-A-15
 Client ID: HD-MW-22-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 16:22:59 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-016
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:52:44 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:53:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	7
8 Bromomethane	94		2.592				ND	7
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	7
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.312	4.316	-0.004	98	1912513	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	7
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43		6.155				ND	7
42 cis-1,2-Dichloroethene	96		6.164				ND	7
46 Chlorobromomethane	128		6.499				ND	
48 Chloroform	83		6.656				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.872	6.865	0.007	93	670940	59.3	
50 1,1,1-Trichloroethane	97		6.881				ND	7
53 Carbon tetrachloride	117		7.087				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.322	0.006	99	165432	56.0	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.762	0.000	98	2099627	50.0	
64 Trichloroethene	95	8.229	8.238	-0.009	93	16616	1.58	
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.785	-0.003	94	1939837	46.9	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166	10.402	10.402	0.000	95	97847	9.29	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1459526	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	7
120 o-Xylene	106		11.801				ND	7
121 Styrene	104		11.814				ND	7
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	677143	45.4	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	96	829186	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 09:53:25

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X15.D

Injection Date: 09-Oct-2025 16:22:59

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-15

Lab Sample ID: 410-244152-15

Worklist Smp#: 16

Client ID: HD-MW-22-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

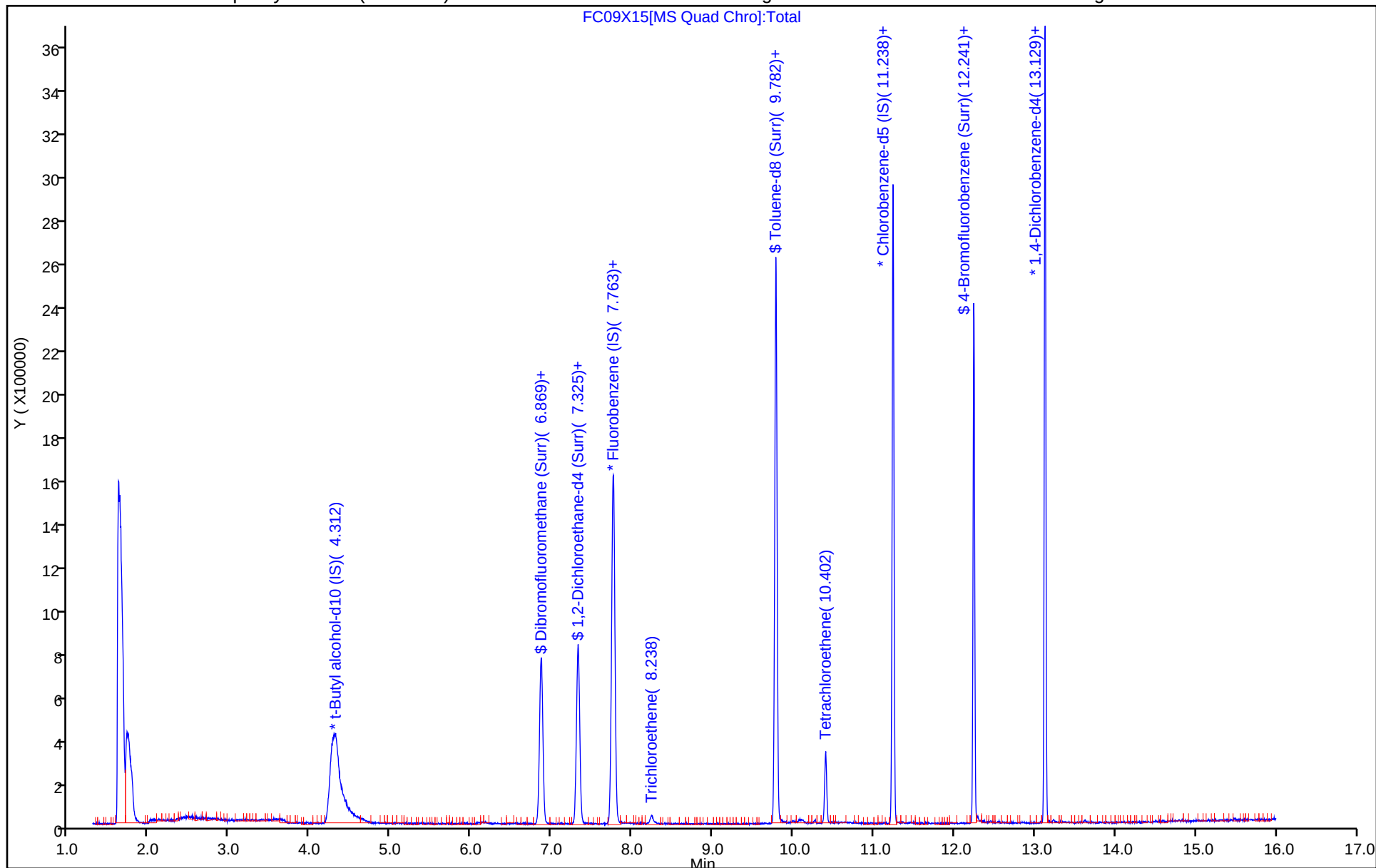
ALS Bottle#: 15

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X15.D
Lims ID: 410-244152-A-15
Client ID: HD-MW-22-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 16:22:59 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-016
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:52:44 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:53:24

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.3	118.59
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	56.0	112.01
\$ 79 Toluene-d8 (Surr)	50.0	46.9	93.84
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.4	90.76

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X15.D

Injection Date: 09-Oct-2025 16:22:59

Instrument ID: 15830

Lims ID: 410-244152-A-15

Lab Sample ID: 410-244152-15

Client ID: HD-MW-22-0/1-0

Operator ID: lcp00895

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

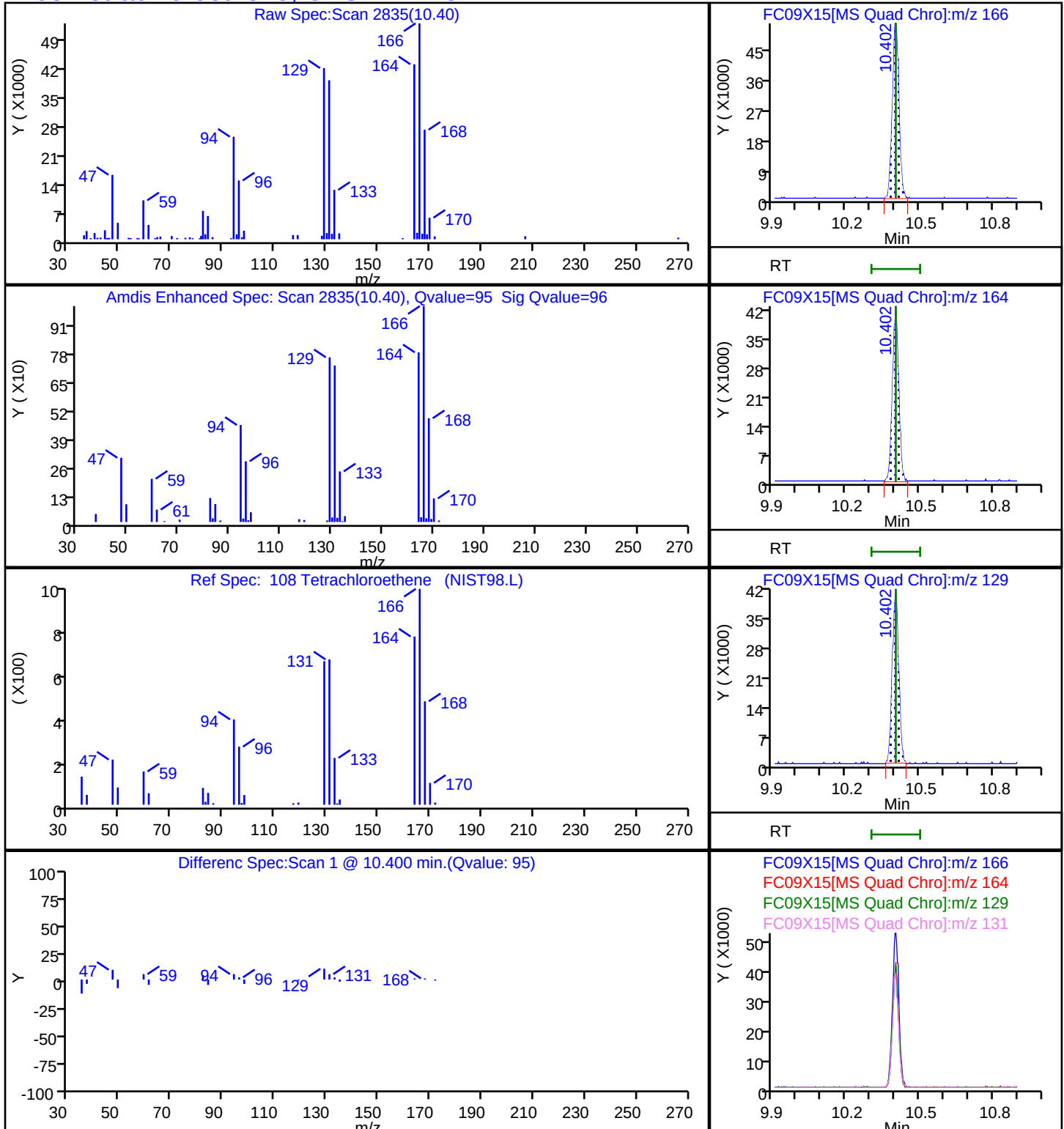
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X15.D

Injection Date: 09-Oct-2025 16:22:59

Instrument ID: 15830

Lims ID: 410-244152-A-15

Lab Sample ID: 410-244152-15

Client ID: HD-MW-22-0/1-0

Operator ID: lcp00895

ALS Bottle#: 15

Worklist Smp#: 16

Purge Vol: 5.000 mL

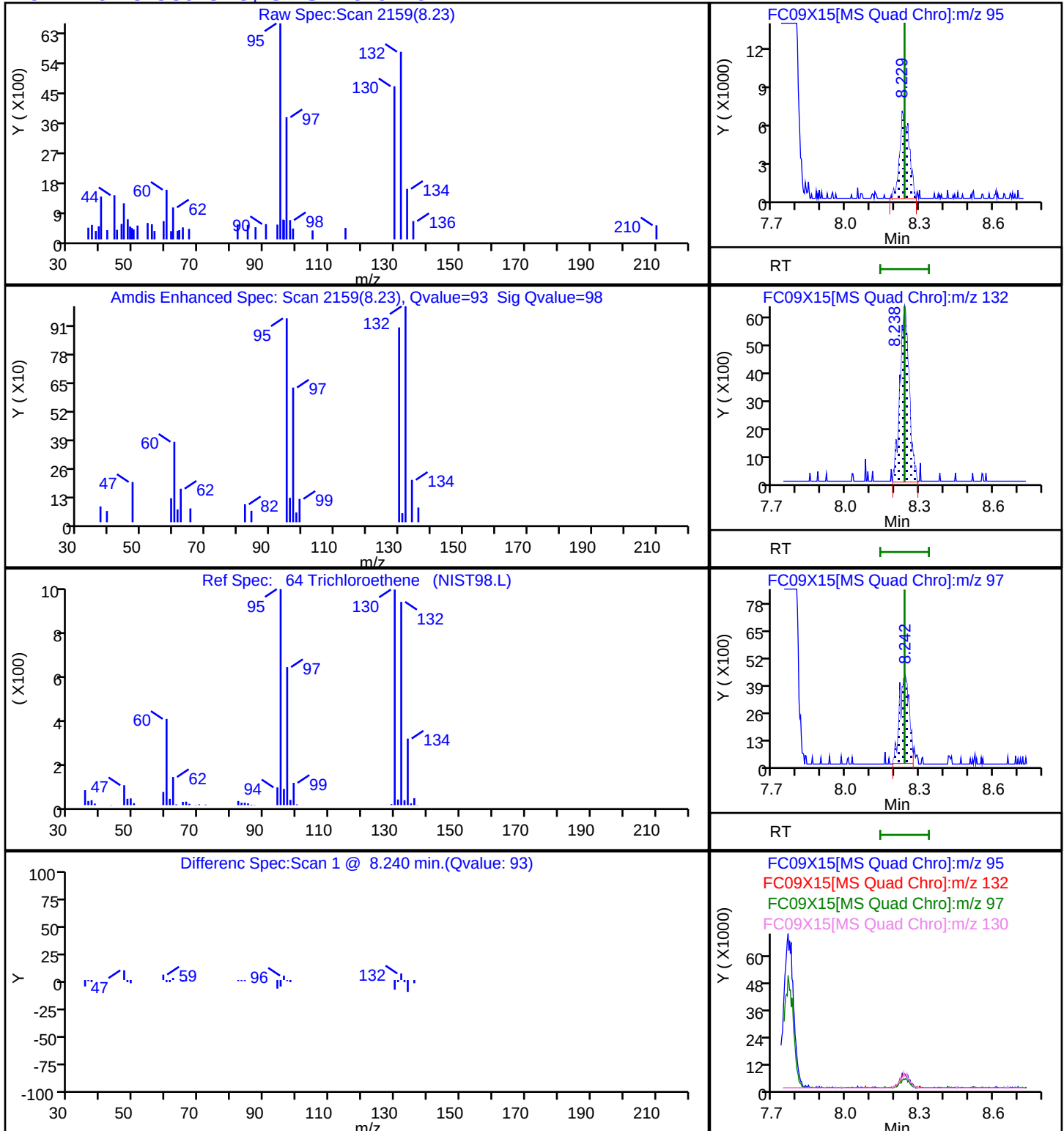
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

64 Trichloroethene, CAS: 79-01-6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-108S-0/1-0

Lab Sample ID: 410-244152-16

Matrix: Water

Lab File ID: FC09X16.D

Analysis Method: 8260D

Date Collected: 09/26/2025 11:55

Sample wt/vol: 5(mL)

Date Analyzed: 10/09/2025 16:45

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	2.4		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-108S-0/1-0 Lab Sample ID: 410-244152-16

Matrix: Water Lab File ID: FC09X16.D

Analysis Method: 8260D Date Collected: 09/26/2025 11:55

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 16:45

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		80-120
460-00-4	4-Bromofluorobenzene (Surr)	89		80-120
1868-53-7	Dibromofluoromethane (Surr)	119		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X16.D
 Lims ID: 410-244152-A-16
 Client ID: HD-MW-108S-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 16:45:47 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-017
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:52:44 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 10:11:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	7
8 Bromomethane	94		2.592				ND	7
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	7
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.296	4.316	-0.020	97	1870939	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	7
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43		6.155				ND	7
42 cis-1,2-Dichloroethene	96		6.164				ND	7
46 Chlorobromomethane	128		6.499				ND	
48 Chloroform	83	6.660	6.656	0.004	94	48569	2.41	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.865	0.000	93	670870	59.5	
50 1,1,1-Trichloroethane	97		6.881				ND	
53 Carbon tetrachloride	117		7.087				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.329	7.322	0.006	99	161358	54.8	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.762	0.001	98	2093412	50.0	
64 Trichloroethene	95		8.238				ND	7
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.785	-0.003	94	1976115	47.8	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166		10.402				ND	7
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	87	1459392	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	7
120 o-Xylene	106		11.801				ND	7
121 Styrene	104		11.814				ND	7
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	87	666570	44.7	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.125	0.001	96	814970	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 10:11:32

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X16.D

Injection Date: 09-Oct-2025 16:45:47

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-16

Lab Sample ID: 410-244152-16

Worklist Smp#: 17

Client ID: HD-MW-108S-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

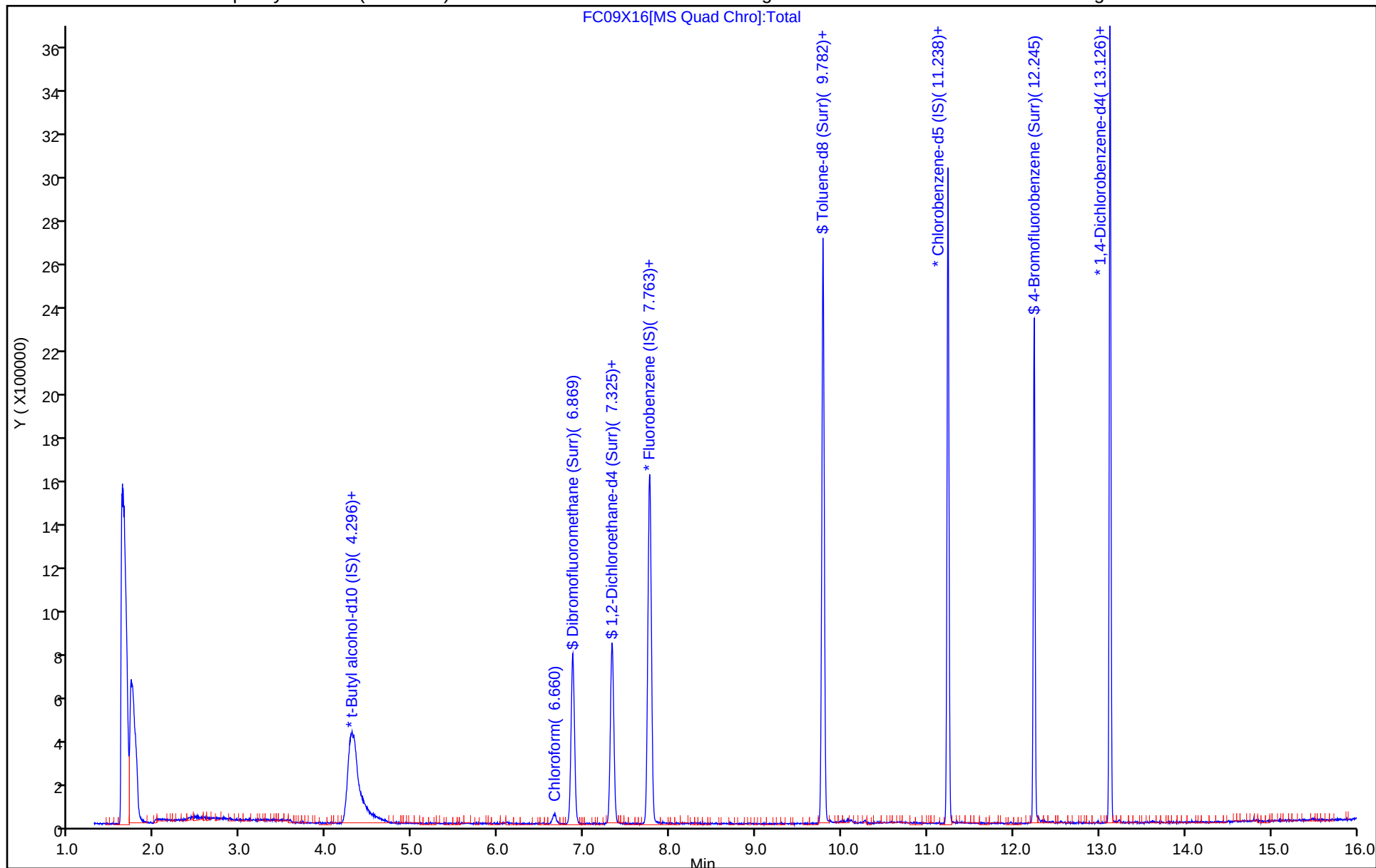
ALS Bottle#: 16

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X16.D
Lims ID: 410-244152-A-16
Client ID: HD-MW-108S-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 16:45:47 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-017
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:52:44 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 10:11:30

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.5	118.93
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	54.8	109.58
\$ 79 Toluene-d8 (Surr)	50.0	47.8	95.61
\$ 126 4-Bromofluorobenzene (Surr)	50.0	44.7	89.35

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X16.D

Injection Date: 09-Oct-2025 16:45:47

Instrument ID: 15830

Lims ID: 410-244152-A-16

Lab Sample ID: 410-244152-16

Client ID: HD-MW-108S-0/1-0

Operator ID: lcp00895

ALS Bottle#: 16

Worklist Smp#: 17

Purge Vol: 5.000 mL

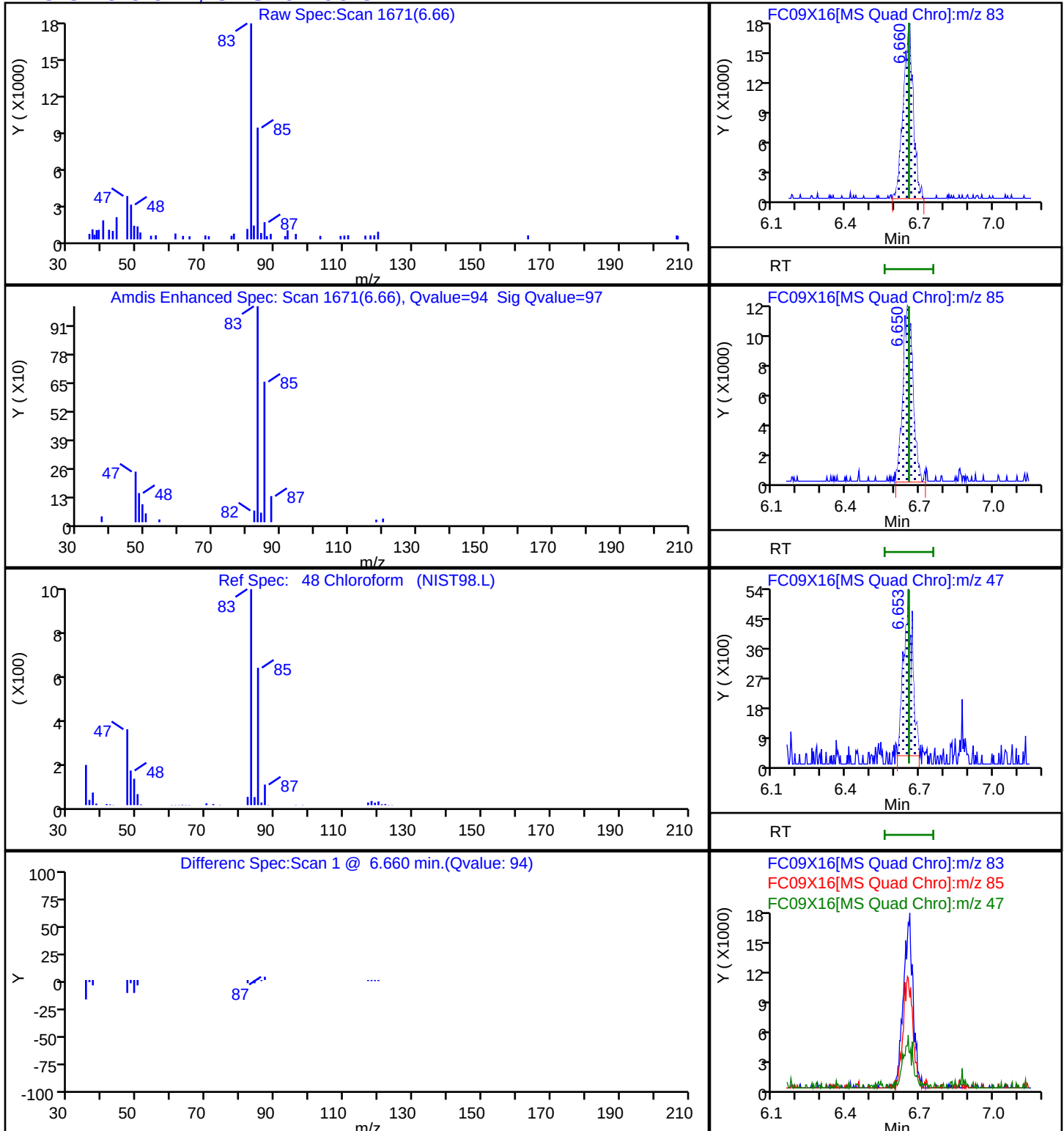
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

48 Chloroform, CAS: 67-66-3

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-165-0/1-0

Lab Sample ID: 410-244152-17

Matrix: Water

Lab File ID: FC09X17.D

Analysis Method: 8260D

Date Collected: 09/26/2025 12:15

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 17:08

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	2.1		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-165-0/1-0 Lab Sample ID: 410-244152-17

Matrix: Water Lab File ID: FC09X17.D

Analysis Method: 8260D Date Collected: 09/26/2025 12:15

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 17:08

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.82	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	110		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	120		80-120
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X17.D
 Lims ID: 410-244152-A-17
 Client ID: HD-MW-165-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 17:08:22 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-018
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 10:12:57 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 10:12:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	
8 Bromomethane	94		2.592				ND	7
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	7
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.306	4.316	-0.010	99	1909347	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43		6.155				ND	7
42 cis-1,2-Dichloroethene	96		6.164				ND	7
46 Chlorobromomethane	128		6.499				ND	
48 Chloroform	83		6.656				ND	7
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.865	-0.003	93	660163	59.8	
50 1,1,1-Trichloroethane	97		6.881				ND	7
53 Carbon tetrachloride	117		7.087				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.322	0.000	99	158869	55.1	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.762	0.000	99	2050160	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	55	8430	0.8234	M
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.785	9.785	0.000	94	1914391	47.4	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166	10.399	10.402	-0.003	94	21163	2.06	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1424654	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	7
120 o-Xylene	106		11.801				ND	
121 Styrene	104		11.814				ND	
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	661362	45.4	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	95	807238	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 10:12:58

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X17.D

Injection Date: 09-Oct-2025 17:08:22

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-17

Lab Sample ID: 410-244152-17

Worklist Smp#: 18

Client ID: HD-MW-165-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

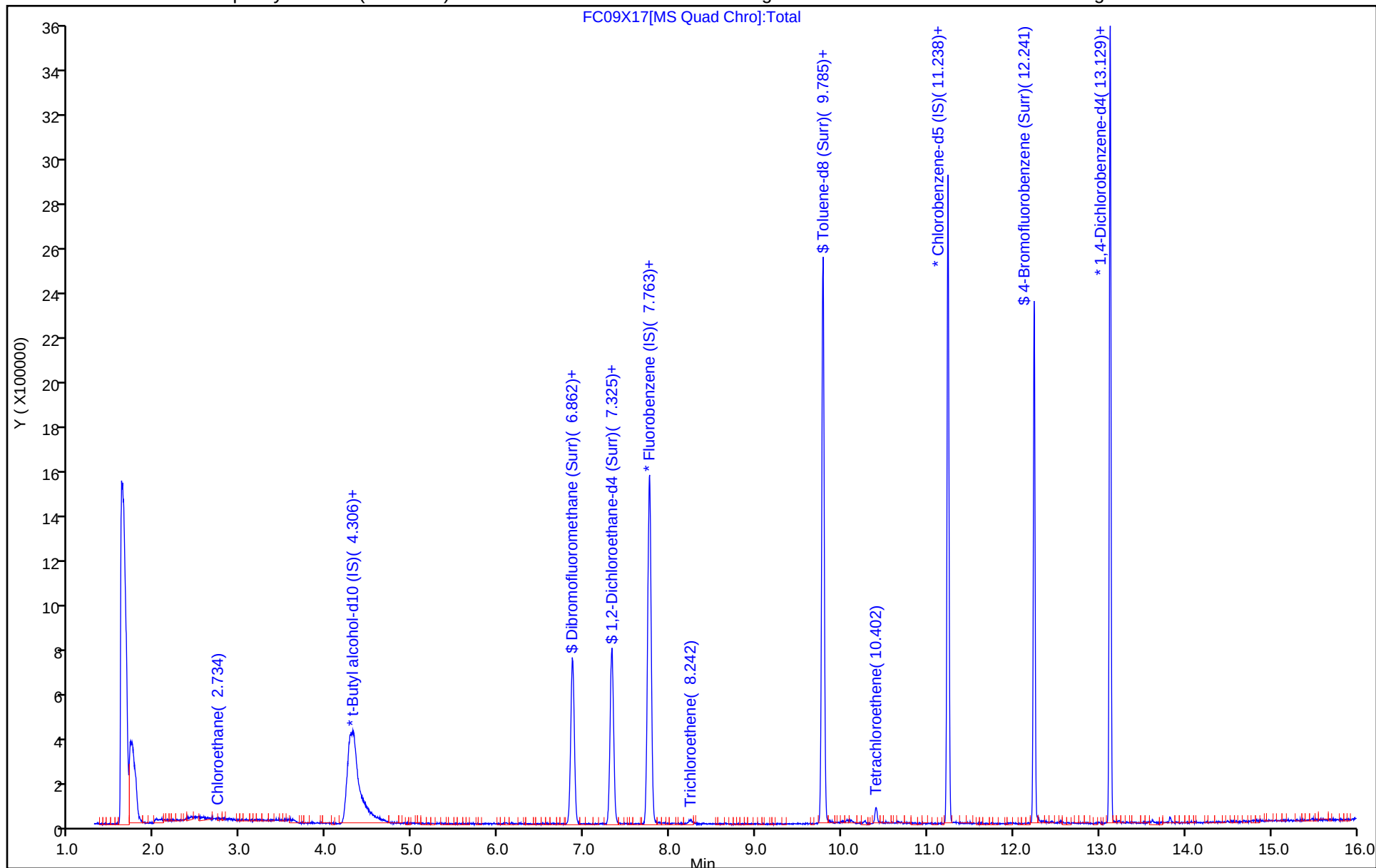
ALS Bottle#: 17

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X17.D
Lims ID: 410-244152-A-17
Client ID: HD-MW-165-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 17:08:22 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-018
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 10:12:57 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 10:12:57

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	59.8	119.50
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.1	110.16
\$ 79 Toluene-d8 (Surr)	50.0	47.4	94.88
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.4	90.82

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X17.D

Injection Date: 09-Oct-2025 17:08:22

Instrument ID: 15830

Lims ID: 410-244152-A-17

Lab Sample ID: 410-244152-17

Client ID: HD-MW-165-0/1-0

Operator ID: lcp00895

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

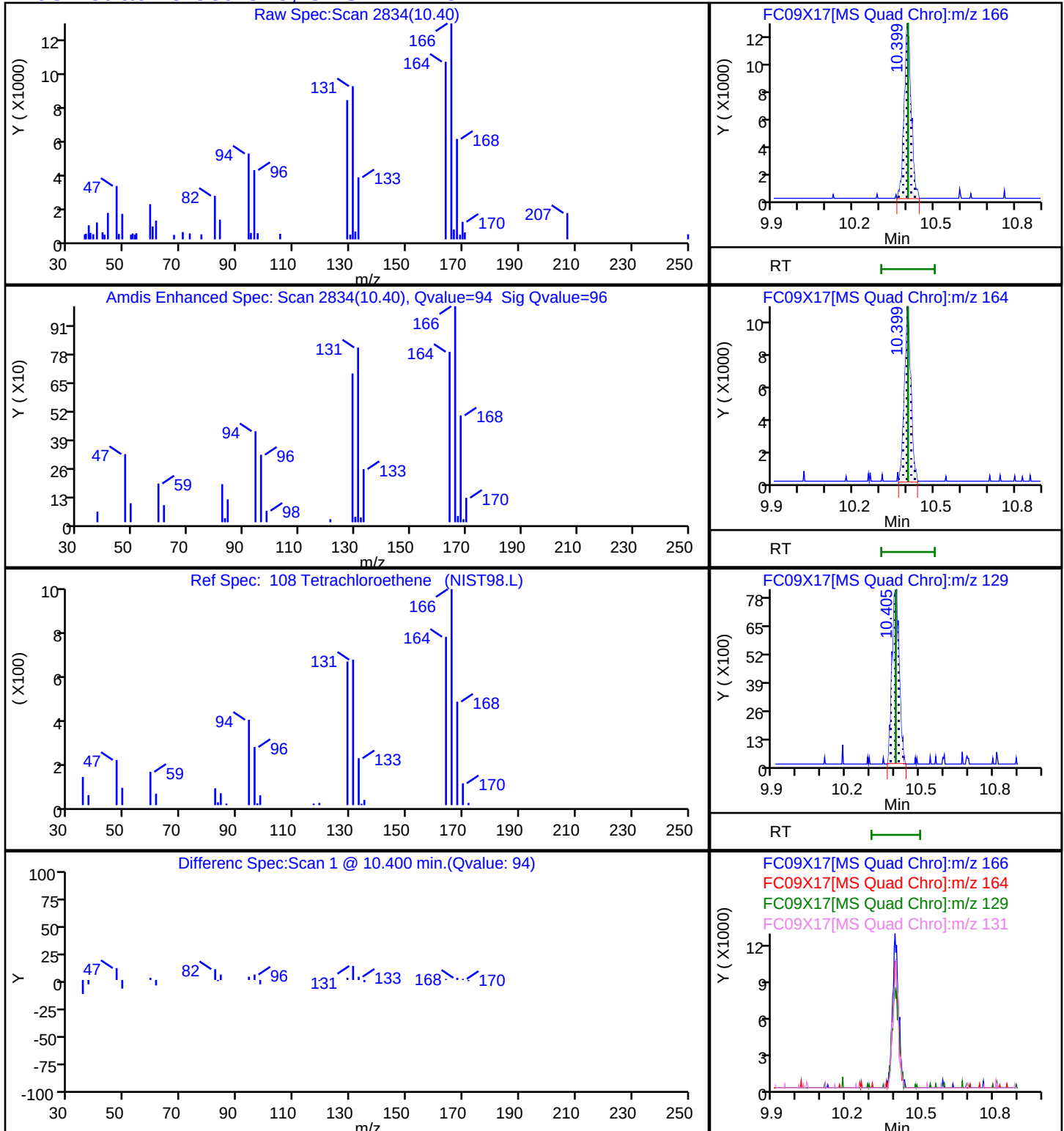
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

108 Tetrachloroethene, CAS: 127-18-4

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X17.D

Injection Date: 09-Oct-2025 17:08:22

Instrument ID: 15830

Lims ID: 410-244152-A-17

Lab Sample ID: 410-244152-17

Client ID: HD-MW-165-0/1-0

Operator ID: lcp00895

ALS Bottle#: 17

Worklist Smp#: 18

Purge Vol: 5.000 mL

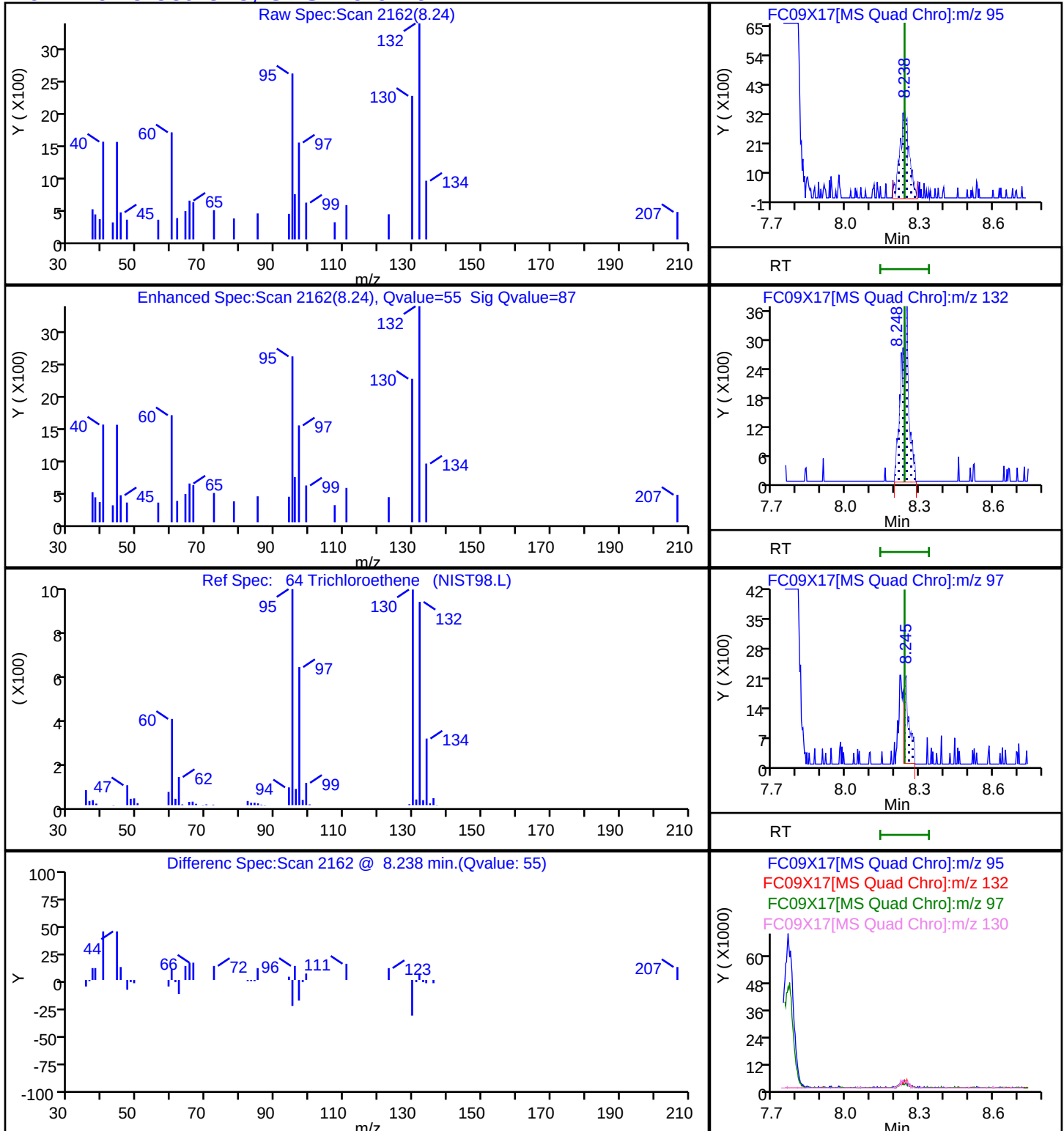
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

MS Quad

64 Trichloroethene, CAS: 79-01-6

Eurofins Lancaster Laboratories Environment Testing, LLC

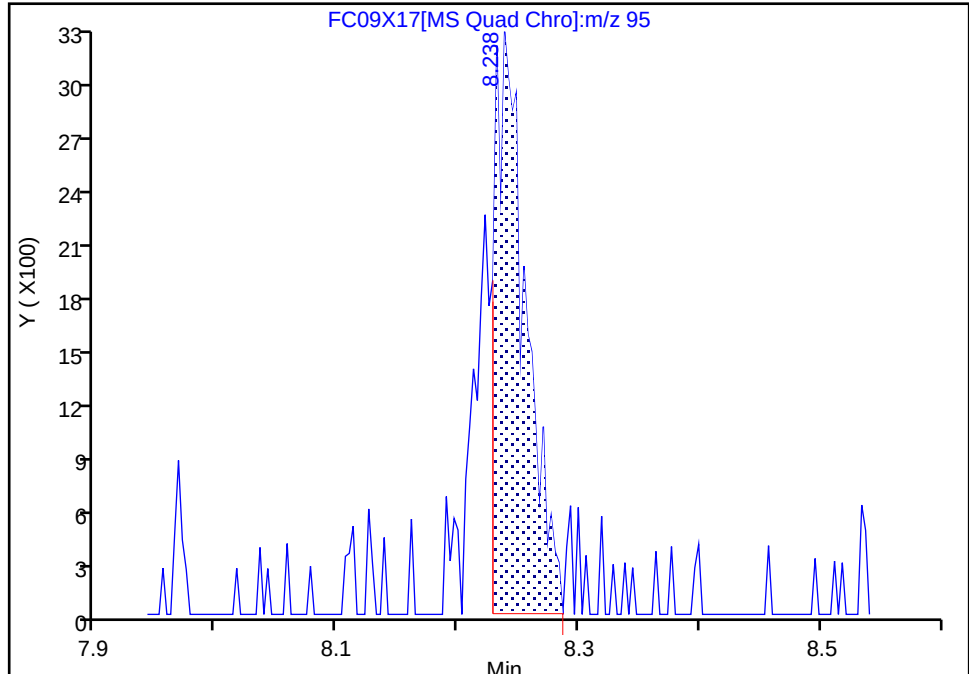
Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X17.D
Injection Date: 09-Oct-2025 17:08:22 Instrument ID: 15830
Lims ID: 410-244152-A-17 Lab Sample ID: 410-244152-17
Client ID: HD-MW-165-0/1-0
Operator ID: lcp00895 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

64 Trichloroethene, CAS: 79-01-6

Signal: 1

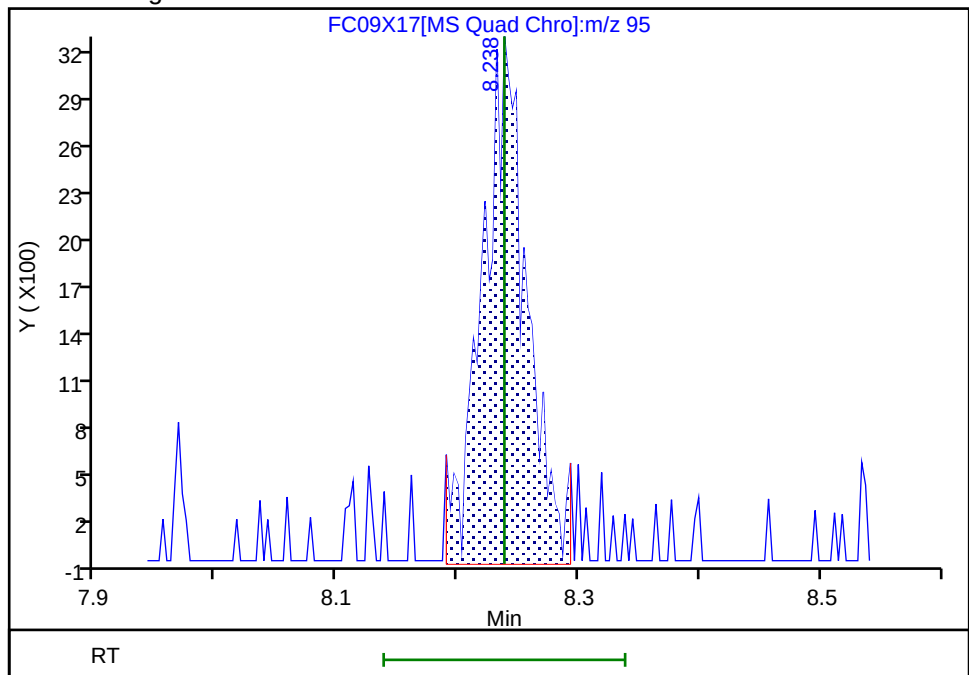
RT: 8.24
Area: 5790
Amount: 0.565557
Amount Units: ug/l

Processing Integration Results



RT: 8.24
Area: 8430
Amount: 0.823428
Amount Units: ug/l

Manual Integration Results



Reviewer: D9QF, 10-Oct-2025 10:12:43 07:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-QC1-0/1-2

Lab Sample ID: 410-244152-18

Matrix: Water

Lab File ID: 5C07X62.D

Analysis Method: 8260D

Date Collected: 09/24/2025 00:00

Sample wt/vol: 5 (mL)

Date Analyzed: 10/08/2025 01:50

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-QC1-0/1-2 Lab Sample ID: 410-244152-18

Matrix: Water Lab File ID: 5C07X62.D

Analysis Method: 8260D Date Collected: 09/24/2025 00:00

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 01:50

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	109		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X62.D
 Lims ID: 410-244152-A-18
 Client ID: HD-QC1-0/1-2
 Sample Type: Client
 Inject. Date: 08-Oct-2025 01:50:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-013
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 13:59:39 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:59:39

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
5 Chloromethane	50		1.750				ND	
6 Vinyl chloride	62		1.860				ND	
10 Bromomethane	94		2.134				ND	
11 Chloroethane	64		2.177				ND	
19 1,1-Dichloroethene	96		2.884				ND	
20 Acetone	58		2.902				ND	
24 Carbon disulfide	76		3.128				ND	U
29 Methylene Chloride	84		3.445				ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.475	3.469	0.006	54	333719	250.0	
33 trans-1,2-Dichloroethene	96		3.774				ND	
34 Methyl tert-butyl ether	73		3.786				ND	
37 1,1-Dichloroethane	63		4.396				ND	
42 2-Butanone (MEK)	43		5.249				ND	
43 cis-1,2-Dichloroethene	96		5.268				ND	
49 Chlorobromomethane	128		5.609				ND	
51 Chloroform	83		5.774				ND	
52 1,1,1-Trichloroethane	97		5.993				ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.999	5.993	0.006	93	300667	54.3	
56 Carbon tetrachloride	117		6.200				ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.469	6.456	0.013	49	63448	52.7	
60 Benzene	78		6.481				ND	
61 1,2-Dichloroethane	62		6.566				ND	7
* 64 Fluorobenzene (IS)	96	6.914	6.908	0.006	98	1031950	50.0	
67 Trichloroethene	95		7.401				ND	
70 1,2-Dichloropropane	63		7.749				ND	
77 Dichlorobromomethane	83		8.109				ND	
81 cis-1,3-Dichloropropene	75		8.682				ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889				ND	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.017	0.006	94	918138	50.7	
86 Toluene	92		9.108				ND	
87 trans-1,3-Dichloropropene	75		9.413				ND	
89 1,1,2-Trichloroethane	97		9.639				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
90 Tetrachloroethene	166		9.712				ND	
93 2-Hexanone	43		9.883				ND	
102 Chlorodibromomethane	129		10.035				ND	
104 Ethylene Dibromide	107		10.151				ND	
* 112 Chlorobenzene-d5 (IS)	117	10.620	10.614	0.006	87	685302	50.0	
114 Chlorobenzene	112		10.645				ND	
133 1,1,1,2-Tetrachloroethane	131		10.736				ND	
134 Ethylbenzene	91		10.742				ND	
135 m-Xylene & p-Xylene	106		10.864				ND	
138 o-Xylene	106		11.212				ND	
139 Styrene	104		11.230				ND	
S 137 Xylenes, Total	106		11.245				ND	7
141 Bromoform	173		11.382				ND	7
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	94	325692	49.0	
148 1,1,2,2-Tetrachloroethane	83		11.791				ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	95	425723	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 08-Oct-2025 13:59:41

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X62.D

Injection Date: 08-Oct-2025 01:50:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: 410-244152-A-18

Lab Sample ID: 410-244152-18

Worklist Smp#: 13

Client ID: HD-QC1-0/1-2

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

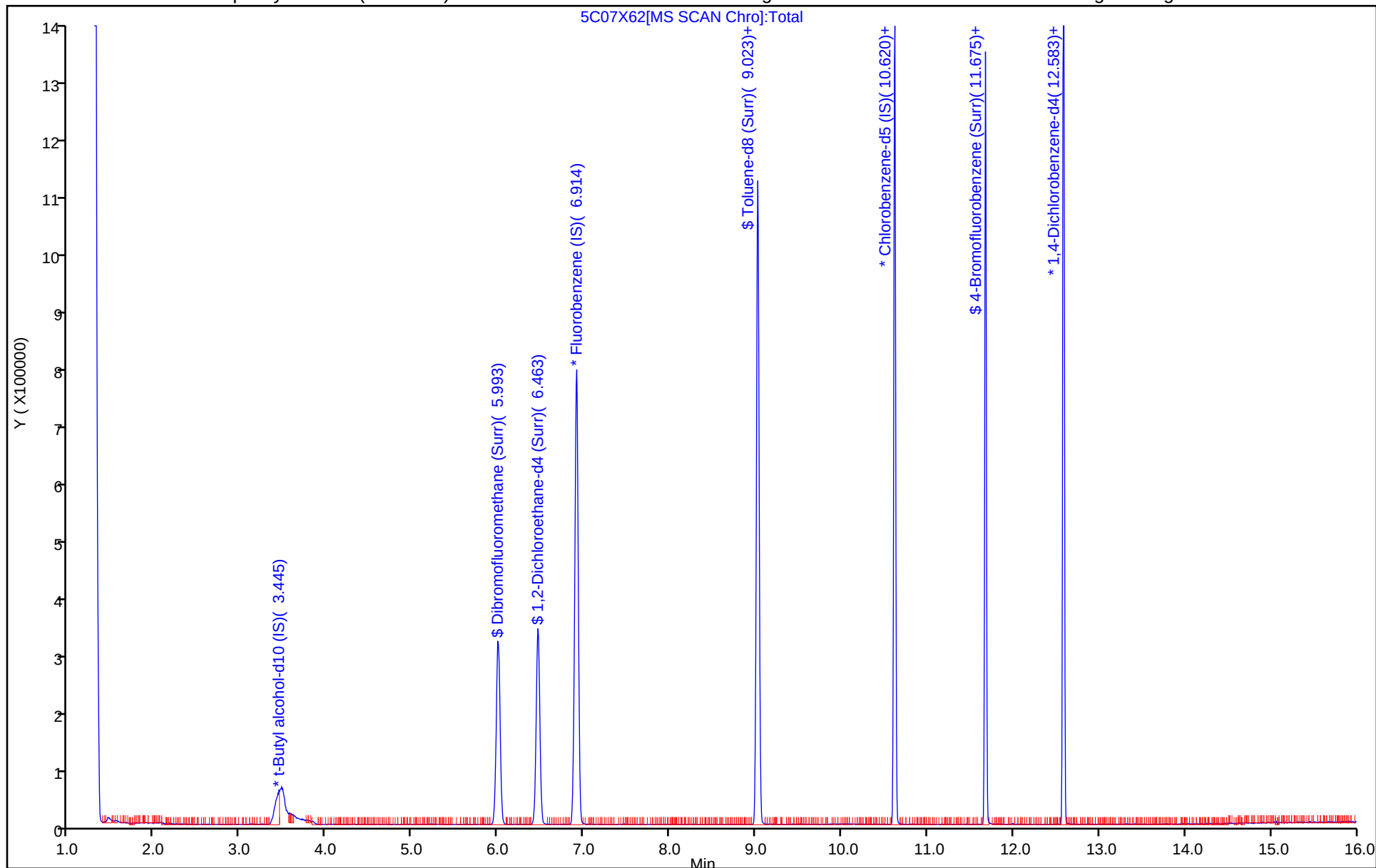
ALS Bottle#: 12

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X62.D
Lims ID: 410-244152-A-18
Client ID: HD-QC1-0/1-2
Sample Type: Client
Inject. Date: 08-Oct-2025 01:50:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-013
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 13:59:39 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:59:39

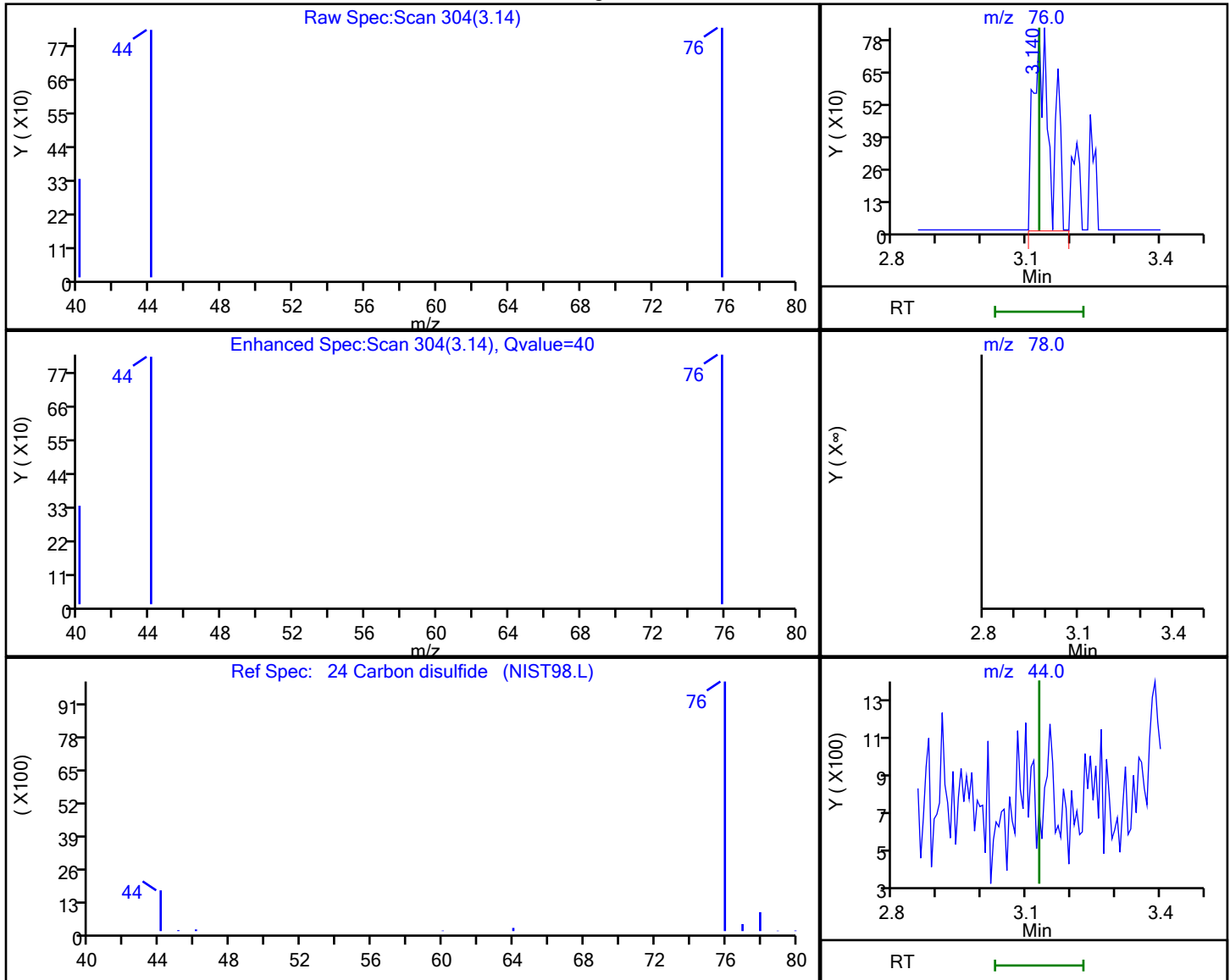
Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	54.3	108.62
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	52.7	105.46
\$ 84 Toluene-d8 (Surr)	50.0	50.7	101.31
\$ 145 4-Bromofluorobenzene (Surr)	50.0	49.0	98.04

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X62.D
Injection Date: 08-Oct-2025 01:50:30 Instrument ID: 26285
Lims ID: 410-244152-A-18 Lab Sample ID: 410-244152-18
Client ID: HD-QC1-0/1-2
Operator ID: KEL87800 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Processing Results



RT	Mass	Response	Amount
3.14	76.00	2216	0.138790
3.13	78.00	0	
3.13	44.00	0	

Reviewer: FQ4L, 08-Oct-2025 13:59:29 07:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID: HD-MW-3-0/1-0

Lab Sample ID: 410-244152-19

Matrix: Water

Lab File ID: FC09X18.D

Analysis Method: 8260D

Date Collected: 09/26/2025 12:20

Sample wt/vol: 5(mL)

Date Analyzed: 10/09/2025 17:31

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND	^c cn	10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	1.6		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.49	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: HD-MW-3-0/1-0 Lab Sample ID: 410-244152-19

Matrix: Water Lab File ID: FC09X18.D

Analysis Method: 8260D Date Collected: 09/26/2025 12:20

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 17:31

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	1.9		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	112		80-120
460-00-4	4-Bromofluorobenzene (Surr)	91		80-120
1868-53-7	Dibromofluoromethane (Surr)	120		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X18.D
 Lims ID: 410-244152-A-19
 Client ID: HD-MW-3-0/1-0
 Sample Type: Client
 Inject. Date: 09-Oct-2025 17:31:19 ALS Bottle#: 18 Worklist Smp#: 19
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162593-019
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 10:12:57 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 10:13:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.136				ND	7
5 Vinyl chloride	62		2.251				ND	7
8 Bromomethane	94		2.592				ND	7
9 Chloroethane	64		2.682				ND	7
17 1,1-Dichloroethene	96		3.550				ND	7
19 Acetone	58		3.608				ND	7
23 Carbon disulfide	76		3.865				ND	7
26 Methylene Chloride	84		4.238				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.290	4.316	-0.026	98	1887071	250.0	
32 trans-1,2-Dichloroethene	96		4.637				ND	7
33 Methyl tert-butyl ether	73		4.656				ND	7
35 1,1-Dichloroethane	63		5.319				ND	7
41 2-Butanone (MEK)	43		6.155				ND	7
42 cis-1,2-Dichloroethene	96	6.161	6.164	-0.003	57	6739	0.4922	
46 Chlorobromomethane	128		6.499				ND	
48 Chloroform	83	6.650	6.656	-0.006	94	31832	1.58	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.865	-0.003	92	676483	60.1	
50 1,1,1-Trichloroethane	97		6.881				ND	
53 Carbon tetrachloride	117		7.087				ND	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.322	0.003	99	163799	55.8	
58 Benzene	78		7.354				ND	7
59 1,2-Dichloroethane	62		7.431				ND	7
* 61 Fluorobenzene (IS)	96	7.759	7.762	-0.003	98	2087930	50.0	
64 Trichloroethene	95	8.238	8.238	0.000	93	19316	1.85	
66 1,2-Dichloropropane	63		8.585				ND	7
72 Dichlorobromomethane	83		8.926				ND	7
76 cis-1,3-Dichloropropene	75		9.476				ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663				ND	7
\$ 79 Toluene-d8 (Surr)	98	9.782	9.785	-0.003	95	1918397	48.0	
80 Toluene	92		9.859				ND	7
105 trans-1,3-Dichloropropene	75		10.116				ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
107 1,1,2-Trichloroethane	97		10.319				ND	7
108 Tetrachloroethene	166	10.405	10.402	0.003	76	2480	0.2435	
110 2-Hexanone	43		10.544				ND	7
111 Chlorodibromomethane	129		10.695				ND	7
112 Ethylene Dibromide	107		10.804				ND	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1411958	50.0	
S 116 Xylenes, Total	106		11.245				ND	7
115 Chlorobenzene	112		11.267				ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347				ND	7
118 Ethylbenzene	91		11.351				ND	7
119 m-Xylene & p-Xylene	106		11.466				ND	
120 o-Xylene	106		11.801				ND	7
121 Styrene	104		11.814				ND	7
122 Bromoform	173		11.968				ND	7
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	654596	45.3	
127 1,1,2,2-Tetrachloroethane	83		12.347				ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	97	788828	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 10:13:38

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X18.D

Injection Date: 09-Oct-2025 17:31:19

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: 410-244152-A-19

Lab Sample ID: 410-244152-19

Worklist Smp#: 19

Client ID: HD-MW-3-0/1-0

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

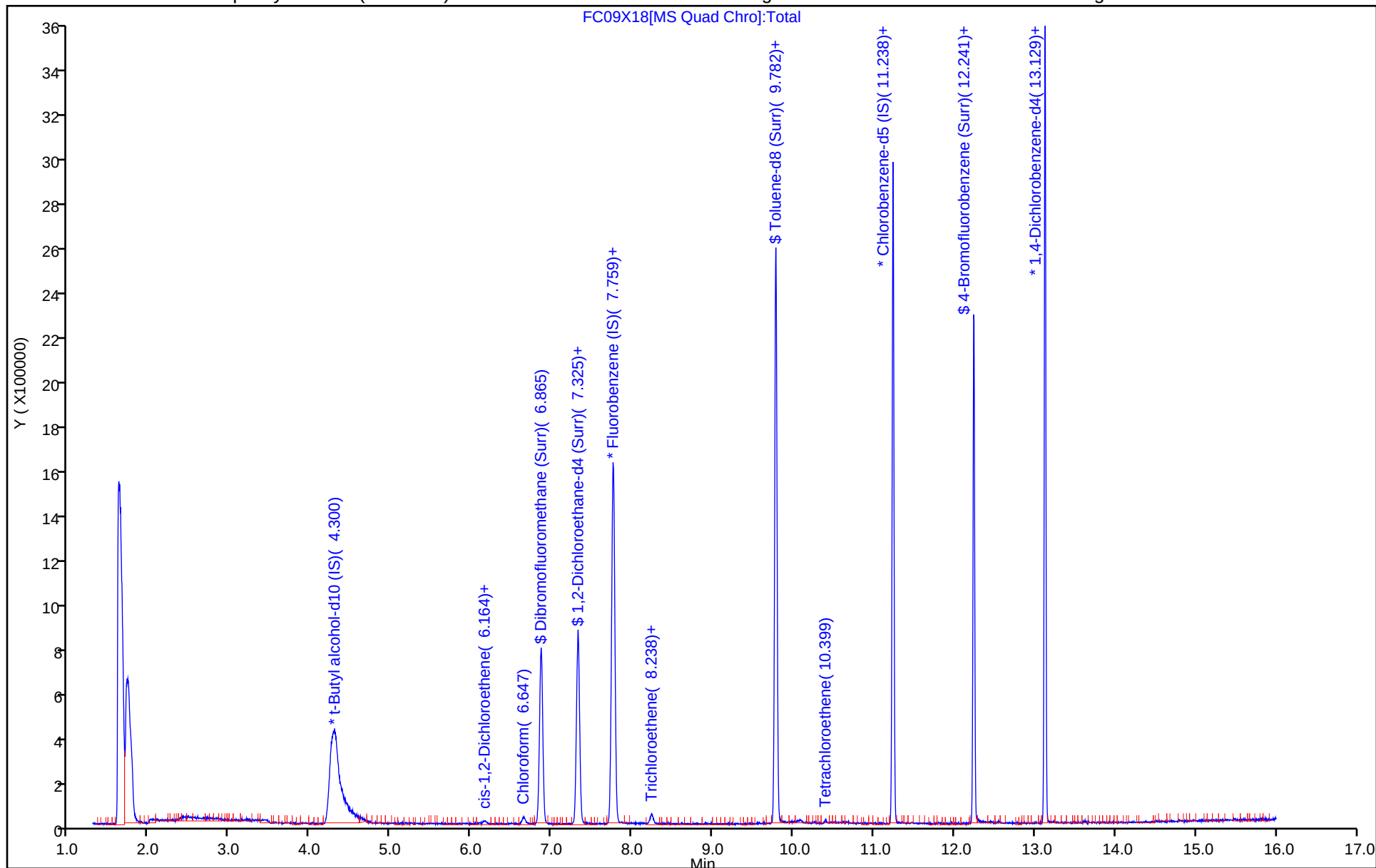
ALS Bottle#: 18

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X18.D
Lims ID: 410-244152-A-19
Client ID: HD-MW-3-0/1-0
Sample Type: Client
Inject. Date: 09-Oct-2025 17:31:19 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162593-019
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 10:12:57 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 10:13:38

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	60.1	120.24
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	55.8	111.53
\$ 79 Toluene-d8 (Surr)	50.0	48.0	95.93
\$ 126 4-Bromofluorobenzene (Surr)	50.0	45.3	90.70

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X18.D

Injection Date: 09-Oct-2025 17:31:19

Instrument ID: 15830

Lims ID: 410-244152-A-19

Lab Sample ID: 410-244152-19

Client ID: HD-MW-3-0/1-0

Operator ID: lcp00895

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

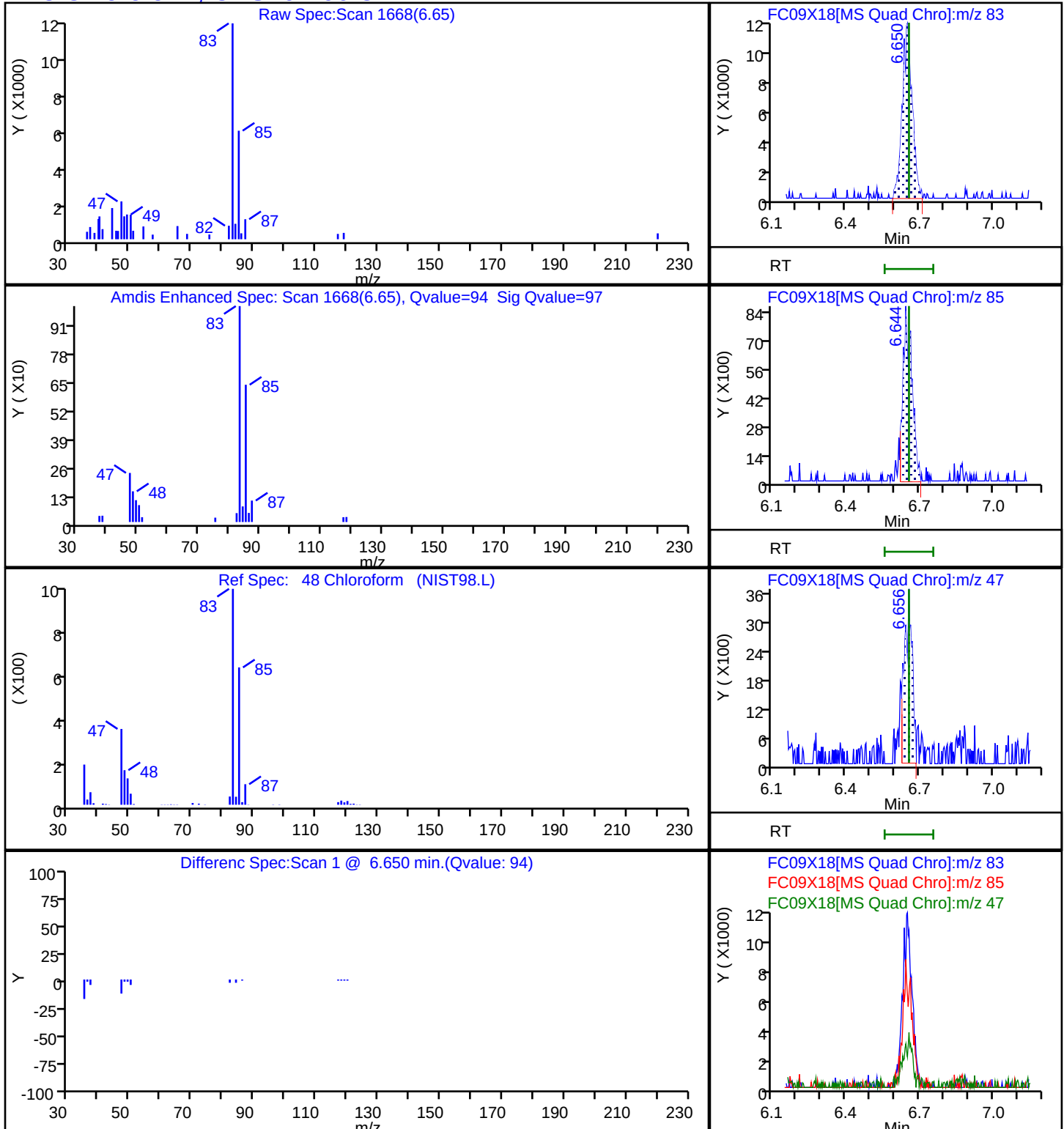
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

48 Chloroform, CAS: 67-66-3

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X18.D

Injection Date: 09-Oct-2025 17:31:19

Instrument ID: 15830

Lims ID: 410-244152-A-19

Lab Sample ID: 410-244152-19

Client ID: HD-MW-3-0/1-0

Operator ID: lcp00895

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

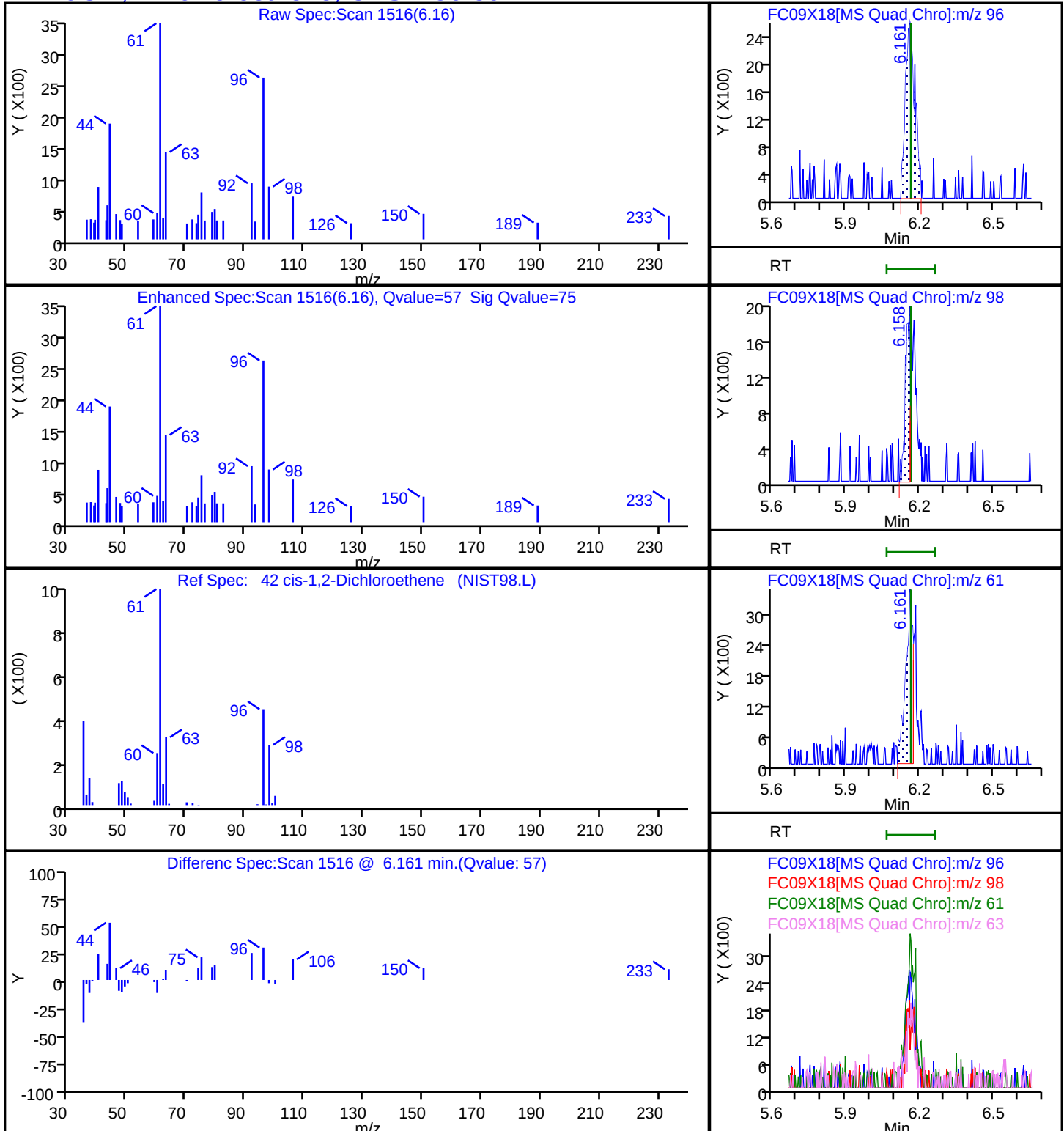
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID)

MS Quad

42 cis-1,2-Dichloroethene, CAS: 156-59-2

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09X18.D

Injection Date: 09-Oct-2025 17:31:19

Instrument ID: 15830

Lims ID: 410-244152-A-19

Lab Sample ID: 410-244152-19

Client ID: HD-MW-3-0/1-0

Operator ID: lcp00895

ALS Bottle#: 18

Worklist Smp#: 19

Purge Vol: 5.000 mL

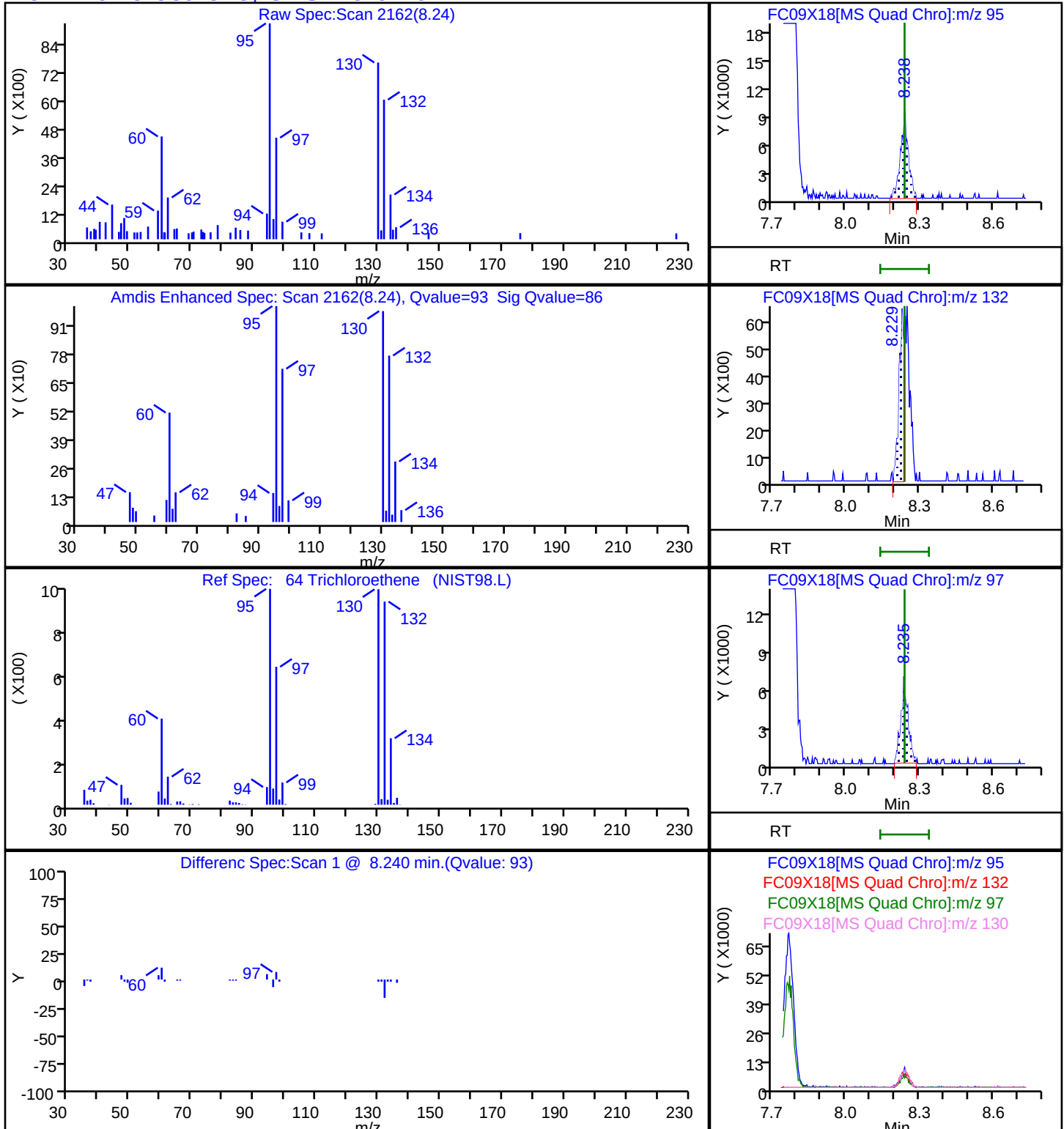
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm ID) x 30 m

MS Quad

64 Trichloroethene, CAS: 79-01-6

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-710355/12	FC07X65.D
Level 2	IC 410-710355/13	FC07X66.D
Level 3	IC 410-710355/14	FC07X67.D
Level 4	IC 410-710355/15	FC07X55.D
Level 5	ICIS 410-710355/16	FC07X56.D
Level 6	IC 410-710355/17	FC07X57.D
Level 7	IC 410-710355/18	FC07X58.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5580 0.6109	0.5928 0.5344	0.5830	0.4552	0.5736	Ave		0.558 3			0.1000	9.3		20.0			
Chloromethane	0.7574 0.6576	0.7425 0.6467	0.7049	0.6509	0.7106	Ave		0.695 8			0.1000	6.5		20.0			
Vinyl chloride	0.7341 0.6138	0.6410 0.5484	0.6134	0.5466	0.5905	Ave		0.612 5			0.1000	10.4		20.0			
1,3-Butadiene	0.8364 0.6679	0.8676 0.5660	0.8097	0.6276	0.6647	Ave		0.720 0				16.2		20.0			
Bromomethane	0.3801 0.3536	0.3869 0.3025	0.3530	0.3438	0.3491	Ave		0.352 7			0.1000	7.8		20.0			
Chloroethane	0.3991 0.3292	0.3546 0.2788	0.3378	0.3012	0.3090	Ave		0.330 0			0.1000	12.0		20.0			
Dichlorofluoromethane	0.9094 0.7955	0.8613 0.7198	0.8347	0.7298	0.8402	Ave		0.812 9			0.1000	8.5		20.0			
Trichlorofluoromethane	0.6002 0.6438	0.6621 0.5893	0.6398	0.5230	0.6678	Ave		0.618 0			0.1000	8.3		20.0			
n-Pentane	0.7899 0.5678	0.7824 0.5720	0.7493	0.4473	0.5937	Lin	0.229 1	0.570 8							1.0000		0.9900
Ethyl ether	0.3821 0.2564	0.3405 0.2354	0.2765	0.2508	0.2773	Ave		0.288 4				18.5		20.0			
Freon 123a	0.5444 0.4296	0.4797 0.3911	0.4694	0.3670	0.4216	Ave		0.443 3				13.5		20.0			
Acrolein	1.2431 1.0825	1.1053 0.9643	0.9425	0.8808	0.9156	Ave		1.019 2				12.7		20.0			
1,1-Dichloroethene	0.4266 0.3011	0.4104 0.2830	0.3253	0.2748	0.2910	Ave		0.330 3			0.1000	18.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon 113	0.3943 0.3189	0.4202 0.2840	0.3457	0.2637	0.2893	Ave		0.330 9			0.1000	17.8		20.0			
Acetone	++++ 0.6540	0.7507 0.5316	0.5007	0.4636	0.5056	Ave		0.567 7			0.1000	19.5		20.0			
Methyl iodide	0.6878 0.5132	0.6414 0.4451	0.5324	0.5054	0.4659	Ave		0.541 6				16.6		20.0			
2-Propanol	++++ 0.5681	0.6391 0.5248	0.5833	0.4786	0.4849	Ave		0.546 5				11.4		20.0			
Carbon disulfide	++++ 0.9116	1.1866 0.8250	1.1508	0.8431	0.8970	Ave		0.969 0			0.1000	16.3		20.0			
Methyl acetate	0.9836 0.4255	0.4986 0.3973	0.5418	0.3957	0.4606	Lin1	0.601 1	0.405 9			0.1000				0.9970		0.9900
Allyl chloride	++++ 0.4338	0.4808 0.4281	0.5727	0.3801	0.4569	Ave		0.458 7				14.2		20.0			
Methylene Chloride	0.3885 0.3029	0.3476 0.2891	0.3812	0.2922	0.3297	Ave		0.333 0			0.1000	12.3		20.0			
t-Butyl alcohol	0.8664 0.8717	0.8430 0.8008	1.0058	0.7379	0.8729	Ave		0.856 9				9.6		20.0			
Acrylonitrile	0.2972 0.2284	0.2586 0.2168	0.2969	0.2181	0.2534	Ave		0.252 8				13.5		20.0			
trans-1,2-Dichloroethene	0.3473 0.2733	0.3152 0.2515	0.3391	0.2595	0.2926	Ave		0.296 9			0.1000	12.8		20.0			
Methyl tert-butyl ether	0.8323 0.7207	0.7260 0.6793	0.8438	0.6632	0.7659	Ave		0.747 3			0.1000	9.4		20.0			
n-Hexane	0.2905 0.3266	0.2997 0.2989	0.3619	0.2175	0.2674	Ave		0.294 6				15.4		20.0			
1,1-Dichloroethane	0.5486 0.5351	0.5509 0.4769	0.6156	0.4549	0.5455	Ave		0.532 5			0.2000	9.9		20.0			
Isopropyl ether	0.7887 0.8437	0.7879 0.7759	0.9371	0.6619	0.8885	Ave		0.812 0				11.0		20.0			
2-Chloro-1,3-butadiene	0.3938 0.4410	0.3845 0.4181	0.4751	0.3489	0.4560	Ave		0.416 8				10.6		20.0			
Ethyl t-butyl ether	0.6556 0.7346	0.6656 0.6576	0.7460	0.5799	0.7315	Ave		0.681 6				8.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	0.3272 0.3514	0.2797 0.3217	0.3507	0.2450	0.3403	Ave		0.316 6			0.1000	12.6		20.0			
cis-1,2-Dichloroethene	0.4292 0.3115	0.3234 0.2790	0.3515	0.2725	0.3280	Ave		0.327 9			0.1000	16.0		20.0			
2,2-Dichloropropane	0.4196 0.4182	0.4146 0.3809	0.4546	0.3438	0.4278	Ave		0.408 5				8.8		20.0			
Propionitrile	0.6492 0.7939	0.6708 0.7221	0.7697	0.6055	0.7738	Ave		0.712 2				10.1		20.0			
Methacrylonitrile	0.1678 0.1934	0.1645 0.1827	0.1970	0.1494	0.1996	Ave		0.179 2				10.6		20.0			
Bromochloromethane	0.1688 0.1540	0.1649 0.1351	0.1645	0.1386	0.1619	Ave		0.155 4				8.7		20.0			
Tetrahydrofuran	0.4139 0.6439	0.4972 0.6040	0.5633	0.4701	0.6243	Ave		0.545 2				15.9		20.0			
Chloroform	0.4687 0.4790	0.4937 0.4284	0.5542	0.4274	0.5172	Ave		0.481 3			0.2000	9.5		20.0			
1,1,1-Trichloroethane	0.4015 0.4251	0.4233 0.3813	0.4667	0.3598	0.4209	Ave		0.411 2			0.1000	8.4		20.0			
Cyclohexane	0.3828 0.5346	0.4680 0.4878	0.5671	0.3639	0.4767	Ave		0.468 7			0.1000	15.8		20.0			
Carbon tetrachloride	0.3095 0.3657	0.3546 0.3371	0.4009	0.3030	0.3501	Ave		0.345 8			0.1000	9.7		20.0			
1,1-Dichloropropene	0.3447 0.3802	0.3411 0.3632	0.3988	0.2910	0.3509	Ave		0.352 8				9.7		20.0			
Isobutyl alcohol	0.2477 0.2953	0.2271 0.2702	0.2833	0.2223	0.2901	Ave		0.262 3				11.5		20.0			
Benzene	1.0578 1.1369	1.0826 1.0745	1.2535	0.9489	1.1600	Ave		1.102 0			0.5000	8.6		20.0			
1,2-Dichloroethane	0.3073 0.3524	0.3627 0.3338	0.3979	0.2974	0.3439	Ave		0.342 2			0.1000	9.9		20.0			
t-Amyl methyl ether	0.5700 0.7250	0.6308 0.6760	0.7336	0.5976	0.7046	Ave		0.662 5				9.7		20.0			
n-Heptane	0.2481 0.2685	0.2467 0.2467	0.3131	0.1906	0.2278	Ave		0.248 8				15.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.1474 0.2135	0.1452 0.2144	0.1675	0.1432	0.1909	Ave		0.174 6				18.1		20.0			
Trichloroethene	0.2235 0.2665	0.2533 0.2581	0.2834	0.2135	0.2494	Ave		0.249 7			0.2000	9.7		20.0			
Methylcyclohexane	0.2940 0.4563	0.3624 0.4228	0.4380	0.3001	0.3763	Ave		0.378 6			0.1000	17.1		20.0			
1,2-Dichloropropane	0.2476 0.2755	0.2608 0.2655	0.3163	0.2238	0.2617	Ave		0.264 4			0.1000	10.7		20.0			
t-Amyl ethyl ether	0.2697 0.3772	0.2940 0.3645	0.3532	0.2999	0.3654	Ave		0.332 0				12.9		20.0			
Methyl methacrylate	0.1594 0.2336	0.1862 0.2316	0.2223	0.1773	0.2148	Ave		0.203 6				14.3		20.0			
1,4-Dioxane	0.0553 0.0632	0.0424 0.0558	0.0591	0.0537	0.0593	Ave		0.055 5			0.0050	11.9		20.0			
Dibromomethane	0.1730 0.1626	0.1682 0.1593	0.1813	0.1385	0.1529	Ave		0.162 3				8.6		20.0			
Bromodichloromethane	0.2808 0.3057	0.2905 0.3061	0.3324	0.2437	0.2882	Ave		0.292 5			0.2000	9.4		20.0			
2-Nitropropane	0.6221 0.8371	0.6308 0.8552	0.7656	0.5865	0.7091	Ave		0.715 2				15.0		20.0			
2-Chloroethyl vinyl ether	++++ 0.1667	0.1096 0.1774	0.1412	0.1165	0.1511	Ave		0.143 7				18.7		20.0			
cis-1,3-Dichloropropene	0.2789 0.3549	0.2790 0.3893	0.3370	0.2688	0.3114	Ave		0.317 0			0.2000	14.3		20.0			
4-Methyl-2-pentanone (MIBK)	0.4296 0.5749	0.4355 0.5352	0.5617	0.4379	0.5153	Ave		0.498 6			0.1000	12.6		20.0			
Toluene	0.8100 0.9870	0.9027 0.9349	1.0290	0.7736	0.9493	Ave		0.912 3			0.4000	10.1		20.0			
trans-1,3-Dichloropropene	0.3642 0.4442	0.3740 0.4687	0.4511	0.3274	0.4210	Ave		0.407 2			0.1000	12.9		20.0			
Ethyl methacrylate	0.3684 0.5348	0.4163 0.5247	0.5020	0.4023	0.5172	Ave		0.466 5				14.7		20.0			
1,1,2-Trichloroethane	0.3172 0.3077	0.2939 0.2960	0.3463	0.2619	0.3074	Ave		0.304 3			0.1000	8.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Tetrachloroethene	0.3394 0.3866	0.3707 0.3666	0.3769	0.3135	0.3716	Ave		0.360 7			0.2000	7.0		20.0			
1,3-Dichloropropane	0.4727 0.5203	0.4715 0.5142	0.5753	0.4261	0.4986	Ave		0.496 9				9.5		20.0			
2-Hexanone	0.4363 0.6317	0.4705 0.5355	0.6116	0.4405	0.5782	Ave		0.529 2			0.1000	15.4		20.0			
Dibromochloromethane	0.3091 0.3424	0.2820 0.3383	0.3463	0.2697	0.3366	Ave		0.317 8				9.8		20.0			
1,2-Dibromoethane (EDB)	0.2557 0.3164	0.2830 0.3058	0.3265	0.2499	0.3069	Ave		0.292 0			0.1000	10.2		20.0			
1-Chlorohexane	0.3687 0.4501	0.3920 0.4286	0.4358	0.3104	0.3844	Ave		0.395 7				12.1		20.0			
Chlorobenzene	0.9031 1.0044	0.9367 0.9703	1.0559	0.8286	0.9655	Ave		0.952 1			0.5000	7.7		20.0			
1,1,1,2-Tetrachloroethane	0.3582 0.3838	0.3532 0.3688	0.3836	0.3115	0.3804	Ave		0.362 8				7.1		20.0			
Ethylbenzene	1.4133 1.9243	1.5783 1.3801	1.9146	1.4332	1.8004	Ave		1.634 9			0.1000	14.7		20.0			
m&p-Xylene	0.5007 0.7415	0.6048 0.6666	0.7093	0.5670	0.7003	Ave		0.641 4			0.1000	13.6		20.0			
o-Xylene	0.4909 0.7765	0.6159 0.6952	0.7234	0.5960	0.7311	Ave		0.661 3			0.3000	14.9		20.0			
Styrene	0.6922 1.1497	0.8629 1.0484	1.0654	0.8927	1.0990	Ave		0.972 9			0.3000	16.7		20.0			
Bromoform	0.1953 0.2468	0.2143 0.2343	0.2287	0.2047	0.2370	Ave		0.223 0			0.1000	8.4		20.0			
Isopropylbenzene	1.1108 1.9994	1.4563 1.3457	1.7374	1.3847	1.7715	Ave		1.543 7			0.1000	19.7		20.0			
Cyclohexanone	0.1536 0.2737	0.2084 0.2485	0.2390	0.2143	0.2294	Ave		0.223 8				16.9		20.0			
1,1,2,2-Tetrachloroethane	1.0068 1.1218	1.0702 1.1477	1.2454	0.8830	1.1009	Ave		1.082 3			0.3000	10.6		20.0			
Bromobenzene	0.5914 0.7379	0.6365 0.7410	0.7019	0.5627	0.6975	Ave		0.667 0				10.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
trans-1,4-Dichloro-2-butene	+++++ 0.2639	+++++ 0.2975	0.2315	0.1532	0.2285	Lin1	-3.90 7	0.292 2							0.9910		0.9900
1,2,3-Trichloropropane	0.3758 0.3647	0.3650 0.3546	0.3942	0.2861	0.3576	Ave		0.356 8				9.5		20.0			
N-Propylbenzene	2.6323 3.9184	3.0600 2.5550	3.7598	2.6951	3.4148	Ave		3.147 9				17.7		20.0			
2-Chlorotoluene	0.5800 0.7684	0.6303 0.7744	0.7193	0.5659	0.7117	Ave		0.678 6				12.7		20.0			
1,3,5-Trimethylbenzene	+++++ 2.8563	1.8084 2.2866	2.3446	1.8299	2.4636	Ave		2.264 9				17.6		20.0			
4-Chlorotoluene	0.4697 0.7167	0.6294 0.7126	0.6897	0.5287	0.6691	Ave		0.630 8				15.2		20.0			
tert-Butylbenzene	+++++ 0.5197	0.2993 0.5655	0.3903	0.2989	0.4288	Lin1	-1.80 5	0.547 5							0.9900		0.9900
1,2,4-Trimethylbenzene	+++++ 2.8257	1.8141 2.3032	2.3513	1.8695	2.5670	Ave		2.288 5				17.2		20.0			
sec-Butylbenzene	+++++ 3.3053	2.0251 2.4165	2.7426	2.1062	2.7331	Ave		2.554 8				18.6		20.0			
1,3-Dichlorobenzene	1.1429 1.2724	1.1822 1.2851	1.2613	1.0305	1.2221	Ave		1.199 5			0.6000	7.5		20.0			
p-Isopropyltoluene	+++++ 2.8549	1.6814 2.2228	2.2350	1.8061	2.4274	Ave		2.204 6				19.3		20.0			
1,4-Dichlorobenzene	1.3053 1.2884	1.2013 1.2782	1.2908	1.0384	1.2364	Ave		1.234 1			0.5000	7.6		20.0			
1,2,3-Trimethylbenzene	1.8971 2.8334	2.0589 2.2809	2.5590	2.0214	2.5618	Ave		2.316 1				14.9		20.0			
Benzyl chloride	1.5841 1.9145	1.4875 1.9153	1.7793	1.3794	1.7631	Ave		1.689 0				12.4		20.0			
1,3-Diethylbenzene	+++++ 1.5430	1.0054 1.5156	1.2946	1.0158	1.3330	Ave		1.284 6				18.2		20.0			
1,4-Diethylbenzene	+++++ 1.6475	1.0664 1.5824	1.3771	1.1052	1.4207	Ave		1.366 6				17.5		20.0			
n-Butylbenzene	0.7890 1.3165	0.9161 1.2995	1.2364	0.9067	1.1116	Ave		1.082 2				19.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dichlorobenzene	1.2163 1.3835	1.2299 1.3430	1.3639	1.1149	1.3508	Ave		1.286 0			0.4000	7.8		20.0			
1,2-Diethylbenzene	++++ 1.3521	0.8809 1.3620	1.1493	0.8919	1.2020	Ave		1.139 7				18.7		20.0			
1,2-Dibromo-3-Chloropropane	0.3465 0.3595	0.3331 0.3602	0.3946	0.2935	0.3641	Ave		0.350 2			0.0500	8.9		20.0			
1,3,5-Trichlorobenzene	0.8269 0.8398	0.6896 0.7991	0.7448	0.6446	0.7957	Ave		0.762 9				9.6		20.0			
1,2,4-Trichlorobenzene	0.8370 0.8182	0.6739 0.7601	0.6921	0.5937	0.7508	Ave		0.732 3			0.2000	11.7		20.0			
Hexachlorobutadiene	0.4051 0.3254	0.2664 0.3083	0.2611	0.2247	0.2943	Ave		0.297 9				19.4		20.0			
Naphthalene	2.8797 3.9303	2.6358 2.5055	3.2561	2.8842	3.9195	Ave		3.144 4				18.5		20.0			
1,2,3-Trichlorobenzene	0.8940 0.8592	0.6783 0.8114	0.7656	0.6856	0.8527	Ave		0.792 4				10.8		20.0			
2-Methylnaphthalene	++++ 1.9659	1.0257 1.9605	1.1998	1.1963	1.8031	Lin1	-6.10 3	1.966 0							0.9960		0.9900
Dibromofluoromethane (Surr)	0.2845 0.2624	0.2776 0.2413	0.2770	0.2758	0.2676	Ave		0.269 5				5.3		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0706 0.0707	0.0734 0.0688	0.0704	0.0686	0.0700	Ave		0.070 3				2.2		20.0			
Toluene-d8 (Surr)	1.3265 1.4288	1.4039 1.3715	1.4855	1.4410	1.4567	Ave		1.416 3				3.8		20.0			
4-Bromofluorobenzene (Surr)	0.4800 0.4949	0.5466 0.4943	0.5460	0.5152	0.5010	Ave		0.511 2				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-710355/12	FC07X65.D
Level 2	IC 410-710355/13	FC07X66.D
Level 3	IC 410-710355/14	FC07X67.D
Level 4	IC 410-710355/15	FC07X55.D
Level 5	ICIS 410-710355/16	FC07X56.D
Level 6	IC 410-710355/17	FC07X57.D
Level 7	IC 410-710355/18	FC07X58.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	24781 3254165	116901 9312796	379951	402034	1500945	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	33633 3502725	146432 11271043	459393	574877	1859606	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	32599 3269256	126414 9556813	399737	482772	1545243	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	37141 3557773	171091 9863512	527662	554295	1739331	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	16877 1883700	76303 5271641	230044	303649	913445	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	17723 1753275	69933 4858621	220126	266038	808555	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	40383 4237020	169843 12543545	543947	644542	2198699	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	26654 3429220	130568 10270412	416979	461885	1747612	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Lin	35077 3024563	154294 9969022	488325	395013	1553688	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl ether	FB	Ave	16974 1366268	67173 4104243	180258	221536	725907	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	24176 2288375	94598 6815655	305934	324093	1103217	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBA d10	Ave	93491 8210006	341017 23997856	1008353	1205983	3741193	9.76 976	39.0 2927	97.6	195	488
1,1-Dichloroethene	FB	Ave	18943 1603942	80930 4931449	212009	242666	761453	1.00 100	4.00 300	10.0	20.0	50.0
Freon 113	FB	Ave	17509 1698428	82862 4949855	225284	232908	757124	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 710355

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	TBA01	Ave	++++ 1016621	47470 2711163	109781	130091	423412	++++ 200	8.00 600	20.0	40.0	100
Methyl iodide	FB	Ave	30544 2733751	126491 7757796	346959	446376	1219050	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBA01	Ave	++++ 2207658	101040 6691473	319732	335737	1015170	++++ 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	++++ 4855775	234010 14378124	749961	744580	2347299	++++ 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Lin1	43680 2266418	98324 6924724	353093	349454	1205290	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	++++ 2310715	94822 7461295	373196	335730	1195505	++++ 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	17251 1613207	68555 5037794	248432	258065	862720	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBA01	Ave	33389 3387401	133265 10210294	551338	517705	1827689	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	32992 3041052	127494 9447582	483678	481617	1657666	2.50 250	10.0 750	25.0	50.0	125
trans-1,2-Dichloroethene	FB	Ave	15422 1455835	62162 4383452	221012	229180	765661	1.00 100	4.00 300	10.0	20.0	50.0
Methyl tert-butyl ether	FB	Ave	36961 3838696	143173 11838468	549865	585729	2004105	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	12900 1739681	59102 5208524	235834	192095	699653	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	24360 2850132	108631 8311692	401210	401787	1427389	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	35023 4493825	155383 13522347	610699	584556	2325143	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	17488 2348976	75824 7287079	309584	308142	1193391	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	29114 3912957	131252 11461023	486182	512173	1914272	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	29059 3743838	110302 11212142	457155	432709	1781184	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	19061 1659344	63784 4862862	229051	240638	858253	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	18633 2227579	81757 6639004	296254	303605	1119520	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 710355

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBAd10	Ave	25019 3085085	106052 9208011	421943	424818	1620030	5.00 500	20.0 1500	50.0	100	250
Methacrylonitrile	FB	Ave	18624 2575546	81099 7960231	320928	329842	1305878	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	7497 820063	32523 2353986	107230	122421	423743	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBAd10	Ave	15948 2502084	78593 7701400	308755	329781	1307052	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	20813 2551615	97362 7466662	361186	377470	1353520	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	17829 2264198	83470 6645789	304157	317723	1101531	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	16997 2847694	92291 8500383	369589	321368	1247410	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	13744 1947882	69921 5875659	261256	267599	916257	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	15306 2024933	67275 6329415	259869	256982	918246	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBAd10	Ave	23862 2869010	89764 8612026	388259	389825	1518272	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	46972 6055423	213484 18726422	816904	838061	3035548	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	13645 1876800	71529 5817508	259326	262632	899946	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	25311 3861799	124405 11781145	478084	527748	1843726	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	11019 1430309	48649 4298999	204043	168302	596144	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBAd10	Ave	14205 2073750	57380 6833768	229532	251096	999231	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	9927 1419424	49950 4498774	184693	188557	652594	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	13055 2430719	71468 7367977	285426	265071	984796	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	10994 1467422	51428 4626665	206126	197632	684808	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	11975	57987	230202	264864	956093	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2009332	6352174				100	300			
Methyl methacrylate	FB	Ave	7080 1244096	36711 4035699	144883	156624	562170	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBA d10	Ave	5323 613593	16773 1779207	81040	94218	310494	12.5 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	7684 865844	33163 2776888	118166	122355	400048	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	12471 1628161	57286 5335292	216624	215225	754213	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBA d10	Ave	23974 3253094	99720 10904522	419679	411427	1484699	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	++++ 887977	21622 3091093	92039	102851	395289	++++ 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	12384 1890266	55017 6783789	219647	237388	814782	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	38150 6124202	171775 18655501	732166	773504	2697071	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZ d5	Ave	24855 3462389	118291 11310225	430791	464104	1495720	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZ d5	Ave	11176 1558293	49008 5670442	188857	196451	663263	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZ d5	Ave	11303 1876288	54557 6347083	210177	241374	814969	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZ d5	Ave	9732 1079291	38519 3581223	144980	157140	484267	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZ d5	Ave	10414 1356075	48578 4435310	157784	188060	585420	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZ d5	Ave	14503 1825205	61786 6220527	240866	255645	785581	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZ d5	Ave	26775 4432211	123307 12955858	512154	528540	1821889	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZ d5	Ave	9486 1201244	36954 4092142	145000	161791	530359	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZ d5	Ave	7847 1110020	37092 3699410	136700	149904	483473	1.00 100	4.00 300	10.0	20.0	50.0
1-Chlorohexane	CBZ d5	Ave	11314 1578979	51365 5184748	182455	186203	605629	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZ d5	Ave	27712 3523656	122751 11737743	442055	497132	1521305	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 710355

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,1,1,2-Tetrachloroethane	CBZd5	Ave	10990 1346280	46280 4461417	160609	186898	599423	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	43365 6750530	206830 16696069	801568	859850	2836667	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	30726 5202519	158502 16128352	593880	680407	2206650	2.00 200	8.00 600	20.0	40.0	100
o-Xylene	CBZd5	Ave	15062 2724084	80711 8410348	302871	357593	1151929	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	21241 4033412	113085 12683015	446068	535591	1731592	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	5992 865692	28088 2834759	95761	122833	373398	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	34084 7014128	190840 16279878	727412	830771	2791081	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBA d10	Ave	59178 2659296	329419 7921988	655125	751687	1200607	50.0 1250	200 3750	250	500	625
1,1,2,2-Tetrachloroethane	DCBd4	Ave	18455 2156791	87111 7548020	305855	321221	988317	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	10840 1418720	51806 4873357	172364	204714	626170	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Lin1	++++ 1268294	++++ 4891921	142101	139310	512852	++++ 250	++++ 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	6889 701202	29706 2332087	96804	104082	320978	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	48252 7533749	249076 16803649	923352	980469	3065477	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	10632 1477474	51303 5092856	176638	205869	638854	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 5491623	147196 15038404	575783	665724	2211589	++++ 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	8609 1378059	51227 4686549	169387	192326	600689	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Lin1	++++ 999251	24364 3719289	95854	108725	384970	++++ 100	4.00 300	10.0	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	++++ 5432932	147659 15147605	577448	680107	2304350	++++ 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	++++ 6355089	164840 15892917	673538	766219	2453484	++++ 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	20950	96229	309762	374880	1097037	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2446351	8451953				100	300			
p-Isopropyltoluene	DCBd4	Ave	++++ 5489086	136864 14618700	548881	657040	2179028	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	23927 2477075	97785 8406521	317001	377762	1109906	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	34775 5447687	167587 15001200	628445	735382	2299719	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	29037 3680886	121075 12596241	436976	501822	1582708	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	++++ 2966628	81840 9967721	317925	369558	1196635	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	++++ 3167532	86803 10407007	338199	402065	1275380	++++ 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	14462 2531097	74568 8546511	303649	329852	997867	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	22295 2659990	100106 8832660	334958	405611	1212564	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	++++ 2599625	71701 8957248	282261	324474	1079062	++++ 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	6352 691124	27115 2369253	96908	106757	326880	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	15158 1614600	56127 5255358	182908	234516	714268	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	15343 1573210	54854 4998962	169968	215991	674005	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	7426 625675	21684 2027363	64126	81729	264189	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	52786 7556752	214543 16478012	799637	1049251	3518480	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	16387 1651982	55211 5336563	188029	249419	765478	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Lin1	++++ 3779783	83485 12893602	294659	435222	1618627	++++ 100	4.00 300	10.0	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	631706 698810	684335 700861	902649	608924	700238	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	156646 188171	180847 199696	229523	151542	183160	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	2035206 2506207	2299674 2765324	3109609	2161392	2295199	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	736395	895456	1142953	772717	789382	50.0	50.0	50.0	50.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			868165	996720				50.0	50.0			

Curve Type Legend:

Ave = Average ISTD
Lin = Linear ISTD
Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-710355/12	FC07X65.D
Level 2	IC 410-710355/13	FC07X66.D
Level 3	IC 410-710355/14	FC07X67.D
Level 4	IC 410-710355/15	FC07X55.D
Level 5	ICIS 410-710355/16	FC07X56.D
Level 6	IC 410-710355/17	FC07X57.D
Level 7	IC 410-710355/18	FC07X58.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	0.0 -4.3	6.2	4.4	-18.5	2.7	9.4	50 30	30	30	30	30	30
Chloromethane	8.8 -7.1	6.7	1.3	-6.5	2.1	-5.5	50 30	30	30	30	30	30
Vinyl chloride	19.8 -10.5	4.7	0.1	-10.8	-3.6	0.2	50 30	30	30	30	30	30
1,3-Butadiene	16.2 -21.4	20.5	12.5	-12.8	-7.7	-7.2	50 30	30	30	30	30	30
Bromomethane	7.8 -14.2	9.7	0.1	-2.5	-1.0	0.3	50 30	30	30	30	30	30
Chloroethane	21.0 -15.5	7.5	2.4	-8.7	-6.4	-0.2	50 30	30	30	30	30	30
Dichlorofluoromethane	11.9 -11.5	5.9	2.7	-10.2	3.4	-2.1	50 30	30	30	30	30	30
Trichlorofluoromethane	-2.9 -4.6	7.1	3.5	-15.4	8.1	4.2	50 30	30	30	30	30	30
n-Pentane	-1.7 0.1	27.0	27.3	-23.6	3.2	-0.9	50 30	30	30	30	30	30
Ethyl ether	32.5 -18.4	18.1	-4.1	-13.1	-3.9	-11.1	50 30	30	30	30	30	30
Freon 123a	22.8 -11.8	8.2	5.9	-17.2	-4.9	-3.1	50 30	30	30	30	30	30
Acrolein	22.0 -5.4	8.5	-7.5	-13.6	-10.2	6.2	50 30	30	30	30	30	30
1,1-Dichloroethene	29.1 -14.3	24.2	-1.5	-16.8	-11.9	-8.8	50 30	30	30	30	30	30
Freon 113	19.2 -14.2	27.0	4.5	-20.3	-12.6	-3.6	50 30	30	30	30	30	30
Acetone	++++ -6.4	32.2	-11.8	-18.3	-10.9	15.2	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	27.0 -17.8	18.4	-1.7	-6.7	-14.0	-5.2	50 30	30	30	30	30	30
2-Propanol	++++ -4.0	17.0	6.7	-12.4	-11.3	4.0	30	50	30	30	30	30
Carbon disulfide	++++ -14.9	22.5	18.8	-13.0	-7.4	-5.9	30	50	30	30	30	30
Methyl acetate	-5.8 -2.6	-14.2	18.7	-9.9	10.5	3.3	50 30	30	30	30	30	30
Allyl chloride	++++ -6.7	4.8	24.8	-17.1	-0.4	-5.4	30	50	30	30	30	30
Methylene Chloride	16.7 -13.2	4.4	14.5	-12.3	-1.0	-9.1	50 30	30	30	30	30	30
t-Butyl alcohol	1.1 -6.6	-1.6	17.4	-13.9	1.9	1.7	50 30	30	30	30	30	30
Acrylonitrile	17.6 -14.2	2.3	17.4	-13.7	0.2	-9.7	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	17.0 -15.3	6.2	14.2	-12.6	-1.5	-8.0	50 30	30	30	30	30	30
Methyl tert-butyl ether	11.4 -9.1	-2.8	12.9	-11.3	2.5	-3.6	50 30	30	30	30	30	30
n-Hexane	-1.4 1.4	1.7	22.8	-26.2	-9.3	10.9	50 30	30	30	30	30	30
1,1-Dichloroethane	3.0 -10.4	3.4	15.6	-14.6	2.4	0.5	50 30	30	30	30	30	30
Isopropyl ether	-2.9 -4.4	-3.0	15.4	-18.5	9.4	3.9	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-5.5 0.3	-7.7	14.0	-16.3	9.4	5.8	50 30	30	30	30	30	30
Ethyl t-butyl ether	-3.8 -3.5	-2.3	9.5	-14.9	7.3	7.8	50 30	30	30	30	30	30
2-Butanone (MEK)	3.4 1.6	-11.7	10.8	-22.6	7.5	11.0	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	30.9 -14.9	-1.4	7.2	-16.9	0.0	-5.0	50 30	30	30	30	30	30
2,2-Dichloropropane	2.7 -6.7	1.5	11.3	-15.8	4.7	2.4	50 30	30	30	30	30	30
Propionitrile	-8.8 1.4	-5.8	8.1	-15.0	8.6	11.5	50 30	30	30	30	30	30
Methacrylonitrile	-6.4 2.0	-8.2	9.9	-16.6	11.4	7.9	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromochloromethane	8.6 -13.1	6.1	5.9	-10.8	4.2	-0.9	50 30	30	30	30	30	30
Tetrahydrofuran	-24.1 10.8	-8.8	3.3	-13.8	14.5	18.1	50 30	30	30	30	30	30
Chloroform	-2.6 -11.0	2.6	15.2	-11.2	7.5	-0.5	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-2.4 -7.3	2.9	13.5	-12.5	2.4	3.4	50 30	30	30	30	30	30
Cyclohexane	-18.3 4.1	-0.1	21.0	-22.4	1.7	14.1	50 30	30	30	30	30	30
Carbon tetrachloride	-10.5 -2.5	2.5	15.9	-12.4	1.2	5.7	50 30	30	30	30	30	30
1,1-Dichloropropene	-2.3 2.9	-3.3	13.0	-17.5	-0.5	7.7	50 30	30	30	30	30	30
Isobutyl alcohol	-5.6 3.0	-13.4	8.0	-15.3	10.6	12.6	50 30	30	30	30	30	30
Benzene	-4.0 -2.5	-1.8	13.7	-13.9	5.3	3.2	50 30	30	30	30	30	30
1,2-Dichloroethane	-10.2 -2.5	6.0	16.3	-13.1	0.5	3.0	50 30	30	30	30	30	30
t-Amyl methyl ether	-14.0 2.0	-4.8	10.7	-9.8	6.3	9.4	50 30	30	30	30	30	30
n-Heptane	-0.3 -0.8	-0.8	25.8	-23.4	-8.4	7.9	50 30	30	30	30	30	30
n-Butanol	-15.5 22.8	-16.8	-4.1	-18.0	9.4	22.3	50 30	30	30	30	30	30
Trichloroethene	-10.5 3.4	1.4	13.5	-14.5	-0.1	6.7	50 30	30	30	30	30	30
Methylcyclohexane	-22.3 11.7	-4.3	15.7	-20.7	-0.6	20.5	50 30	30	30	30	30	30
1,2-Dichloropropane	-6.4 0.4	-1.4	19.6	-15.4	-1.0	4.2	50 30	30	30	30	30	30
t-Amyl ethyl ether	-18.8 9.8	-11.4	6.4	-9.7	10.1	13.6	50 30	30	30	30	30	30
Methyl methacrylate	-21.7 13.7	-8.6	9.2	-12.9	5.5	14.7	50 30	30	30	30	30	30
1,4-Dioxane	-0.5 0.5	-23.6	6.5	-3.3	6.8	13.7	50 30	30	30	30	30	30
Dibromomethane	6.6 -1.8	3.6	11.7	-14.6	-5.8	0.2	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromodichloromethane	-4.0 4.7	-0.7	13.6	-16.7	-1.5	4.5	50 30	30	30	30	30	30
2-Nitropropane	-13.0 19.6	-11.8	7.0	-18.0	-0.9	17.0	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	++++ 23.4	-23.7	-1.7	-19.0	5.1	16.0	30	50	30	30	30	30
cis-1,3-Dichloropropene	-12.0 22.8	-12.0	6.3	-15.2	-1.8	11.9	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-13.8 7.3	-12.6	12.7	-12.2	3.4	15.3	50 30	30	30	30	30	30
Toluene	-11.2 2.5	-1.1	12.8	-15.2	4.1	8.2	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-10.6 15.1	-8.2	10.8	-19.6	3.4	9.1	50 30	30	30	30	30	30
Ethyl methacrylate	-21.0 12.5	-10.8	7.6	-13.8	10.9	14.6	50 30	30	30	30	30	30
1,1,2-Trichloroethane	4.2 -2.7	-3.4	13.8	-13.9	1.0	1.1	50 30	30	30	30	30	30
Tetrachloroethene	-5.9 1.6	2.8	4.5	-13.1	3.0	7.2	50 30	30	30	30	30	30
1,3-Dichloropropane	-4.9 3.5	-5.1	15.8	-14.3	0.3	4.7	50 30	30	30	30	30	30
2-Hexanone	-17.6 1.2	-11.1	15.6	-16.8	9.3	19.4	50 30	30	30	30	30	30
Dibromochloromethane	-2.7 6.4	-11.3	9.0	-15.1	5.9	7.8	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-12.4 4.7	-3.1	11.8	-14.4	5.1	8.4	50 30	30	30	30	30	30
1-Chlorohexane	-6.8 8.3	-0.9	10.1	-21.6	-2.9	13.7	50 30	30	30	30	30	30
Chlorobenzene	-5.1 1.9	-1.6	10.9	-13.0	1.4	5.5	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-1.3 1.7	-2.7	5.7	-14.1	4.9	5.8	50 30	30	30	30	30	30
Ethylbenzene	-13.6 -15.6	-3.5	17.1	-12.3	10.1	17.7	50 30	30	30	30	30	30
m&p-Xylene	-21.9 3.9	-5.7	10.6	-11.6	9.2	15.6	50 30	30	30	30	30	30
o-Xylene	-25.8 5.1	-6.9	9.4	-9.9	10.6	17.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Styrene	-28.8 7.8	-11.3	9.5	-8.2	13.0	18.2	50 30	30	30	30	30	30
Bromoform	-12.4 5.1	-3.9	2.6	-8.2	6.3	10.6	50 30	30	30	30	30	30
Isopropylbenzene	-28.0 -12.8	-5.7	12.6	-10.3	14.8	29.5	50 30	30	30	30	30	30
Cyclohexanone	-31.4 11.0	-6.9	6.8	-4.3	2.5	22.3	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-7.0 6.0	-1.1	15.1	-18.4	1.7	3.7	50 30	30	30	30	30	30
Bromobenzene	-11.3 11.1	-4.6	5.2	-15.6	4.6	10.6	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	++++ 3.6	++++	32.7	-20.8	-11.1	-4.4	30		50	30	30	30
1,2,3-Trichloropropane	5.3 -0.6	2.3	10.5	-19.8	0.2	2.2	50 30	30	30	30	30	30
N-Propylbenzene	-16.4 -18.8	-2.8	19.4	-14.4	8.5	24.5	50 30	30	30	30	30	30
2-Chlorotoluene	-14.5 14.1	-7.1	6.0	-16.6	4.9	13.2	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	++++ 1.0	-20.2	3.5	-19.2	8.8	26.1	30	50	30	30	30	30
4-Chlorotoluene	-25.6 13.0	-0.2	9.3	-16.2	6.1	13.6	50 30	30	30	30	30	30
tert-Butylbenzene	++++ 4.4	37.1	4.3	-28.9	-15.1	-1.8	30	50	30	30	30	30
1,2,4-Trimethylbenzene	++++ 0.6	-20.7	2.7	-18.3	12.2	23.5	30	50	30	30	30	30
sec-Butylbenzene	++++ -5.4	-20.7	7.4	-17.6	7.0	29.4	30	50	30	30	30	30
1,3-Dichlorobenzene	-4.7 7.1	-1.4	5.2	-14.1	1.9	6.1	50 30	30	30	30	30	30
p-Isopropyltoluene	++++ 0.8	-23.7	1.4	-18.1	10.1	29.5	30	50	30	30	30	30
1,4-Dichlorobenzene	5.8 3.6	-2.7	4.6	-15.9	0.2	4.4	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-18.1 -1.5	-11.1	10.5	-12.7	10.6	22.3	50 30	30	30	30	30	30
Benzyl chloride	-6.2 13.4	-11.9	5.3	-18.3	4.4	13.3	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 710355
Environment Testing, LLC

SDG No.: _____

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 10/07/2025 18:13 Calibration End Date: 10/07/2025 23:52 Calibration ID: 77382

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,3-Diethylbenzene	++++ 18.0	-21.7	0.8	-20.9	3.8	20.1	30	50	30	30	30	30
1,4-Diethylbenzene	++++ 15.8	-22.0	0.8	-19.1	4.0	20.6	30	50	30	30	30	30
n-Butylbenzene	-27.1 20.1	-15.4	14.2	-16.2	2.7	21.6	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-5.4 4.4	-4.4	6.1	-13.3	5.0	7.6	50 30	30	30	30	30	30
1,2-Diethylbenzene	++++ 19.5	-22.7	0.8	-21.7	5.5	18.6	30	50	30	30	30	30
1,2-Dibromo-3-Chloropropane	-1.1 2.9	-4.9	12.7	-16.2	4.0	2.6	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	8.4 4.7	-9.6	-2.4	-15.5	4.3	10.1	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	14.3 3.8	-8.0	-5.5	-18.9	2.5	11.7	50 30	30	30	30	30	30
Hexachlorobutadiene	36.0 3.5	-10.6	-12.3	-24.6	-1.2	9.2	50 30	30	30	30	30	30
Naphthalene	-8.4 -20.3	-16.2	3.6	-8.3	24.6	25.0	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	12.8 2.4	-14.4	-3.4	-13.5	7.6	8.4	50 30	30	30	30	30	30
2-Methylnaphthalene	++++ 0.8	29.8	-7.9	-23.6	-2.1	3.1	30	50	30	30	30	30
Dibromofluoromethane (Surr)	5.6 -10.5	3.0	2.8	2.4	-0.7	-2.6	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	0.3 -2.3	4.3	0.1	-2.4	-0.5	0.4	50 30	30	30	30	30	30
Toluene-d8 (Surr)	-6.3 -3.2	-0.9	4.9	1.7	2.9	0.9	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	-6.1 -3.3	6.9	6.8	0.8	-2.0	-3.2	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 07-Oct-2025 23:07:11 ALS Bottle#: 15 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V1
 Misc. Info.: 410-0162303-012
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:39:35 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 08-Oct-2025 00:31:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.946	1.936	0.010	77	24781	1.00	1.00	
4 Chloromethane	50	2.133	2.133	0.000	95	33633	1.00	1.09	
5 Vinyl chloride	62	2.252	2.245	0.007	93	32599	1.00	1.20	
6 Butadiene	39	2.261	2.264	-0.003	96	37141	1.00	1.16	
8 Bromomethane	94	2.592	2.589	0.003	88	16877	1.00	1.08	
9 Chloroethane	64	2.689	2.682	0.007	60	17723	1.00	1.21	M
10 Dichlorofluoromethane	67	2.924	2.930	-0.006	74	40383	1.00	1.12	
11 Trichlorofluoromethane	101	3.001	2.981	0.020	52	26654	1.00	0.9712	
12 Pentane	43	3.010	3.014	-0.004	84	35077	1.00	0.9825	M
14 Ethyl ether	59	3.245	3.242	0.003	79	16974	1.00	1.33	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.351	3.338	0.013	48	24176	1.00	1.23	
16 Acrolein	56	3.422	3.419	0.003	96	93491	9.76	11.9	
17 1,1-Dichloroethene	96	3.547	3.570	-0.023	55	18943	1.00	1.29	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.599	3.586	0.013	33	17509	1.00	1.19	M
19 Acetone	58	3.596	3.596	0.000	91	11932	2.00	2.73	M
21 Iodomethane	142	3.763	3.760	0.003	56	30544	1.00	1.27	
22 Isopropyl alcohol	45	3.769	3.798	-0.029	37	43702	5.00	10.4	M
23 Carbon disulfide	76	3.853	3.875	-0.022	79	72217	1.00	1.68	M
24 Methyl acetate	43	4.023	4.030	-0.007	96	43680	1.00	0.9424	M
25 3-Chloro-1-propene	41	4.033	4.030	0.003	90	33788	1.00	1.66	
26 Methylene Chloride	84	4.235	4.242	-0.007	33	17251	1.00	1.17	
* 27 t-Butyl alcohol-d10 (IS)	65	4.313	4.277	0.036	98	1926785	250.0	250.0	
28 2-Methyl-2-propanol	59	4.457	4.409	0.048	35	33389	5.00	5.06	
31 Acrylonitrile	53	4.595	4.592	0.003	74	32992	2.50	2.94	
33 Methyl tert-butyl ether	73	4.666	4.637	0.029	57	36961	1.00	1.11	M
32 trans-1,2-Dichloroethene	96	4.647	4.640	0.007	90	15422	1.00	1.17	M
34 Hexane	57	5.065	5.081	-0.016	71	12900	1.00	0.9860	M
35 1,1-Dichloroethane	63	5.316	5.316	0.000	67	24360	1.00	1.03	M
36 Isopropyl ether	45	5.386	5.390	-0.004	95	35023	1.00	0.9713	M
37 2-Chloro-1,3-butadiene	53	5.422	5.428	-0.006	64	17488	1.00	0.9449	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	93	29114	1.00	0.9619	M
41 2-Butanone (MEK)	43	6.158	6.142	0.016	84	29059	2.00	2.07	
S 40 1,2-Dichloroethene, Total	100				0			2.48	
42 cis-1,2-Dichloroethene	96	6.168	6.161	0.007	85	19061	1.00	1.31	
43 2,2-Dichloropropane	77	6.190	6.190	0.000	29	18633	1.00	1.03	M
44 Propionitrile	54	6.255	6.251	0.004	88	25019	5.00	4.56	
45 Methacrylonitrile	67	6.460	6.451	0.009	31	18624	2.50	2.34	M
46 Chlorobromomethane	128	6.489	6.496	-0.007	91	7497	1.00	1.09	
47 Tetrahydrofuran	71	6.525	6.515	0.010	74	15948	5.00	3.80	
48 Chloroform	83	6.644	6.647	-0.003	89	20813	1.00	0.9739	M
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	93	631706	50.0	52.8	
50 1,1,1-Trichloroethane	97	6.878	6.878	0.000	62	17829	1.00	0.9763	M
51 Cyclohexane	56	6.956	6.968	-0.012	84	16997	1.00	0.8166	M
52 1,1-Dichloropropene	75	7.068	7.084	-0.016	91	15306	1.00	0.9769	M
53 Carbon tetrachloride	117	7.087	7.087	0.000	80	13744	1.00	0.8949	M
56 Isobutyl alcohol	41	7.287	7.277	0.010	30	23862	12.5	11.8	M
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.325	0.003	98	156646	50.0	50.1	
58 Benzene	78	7.341	7.351	-0.010	89	46972	1.00	0.9598	
59 1,2-Dichloroethane	62	7.428	7.428	0.000	96	13645	1.00	0.8979	
60 Tert-amyl methyl ether	73	7.566	7.554	0.012	91	25311	1.00	0.8603	M
* 61 Fluorobenzene (IS)	96	7.763	7.759	0.004	99	2220344	50.0	50.0	
62 n-Heptane	43	7.766	7.766	0.000	36	11019	1.00	1.00	M
63 n-Butanol	56	8.152	8.148	0.004	23	14205	12.5	10.6	M
64 Trichloroethene	95	8.238	8.242	-0.004	92	9927	1.00	0.8953	M
65 Methylcyclohexane	83	8.541	8.544	-0.003	74	13055	1.00	0.7766	
66 1,2-Dichloropropane	63	8.576	8.582	-0.006	82	10994	1.00	0.9362	
67 2-ethoxy-2-methyl butane	87	8.589	8.586	0.003	92	11975	1.00	0.8123	
68 Methyl methacrylate	69	8.669	8.672	-0.003	89	7080	1.00	0.7831	
70 1,4-Dioxane	88	8.692	8.679	0.013	44	5323	12.5	12.4	
69 Dibromomethane	93	8.692	8.685	0.007	89	7684	1.00	1.07	
72 Dichlorobromomethane	83	8.930	8.920	0.010	95	12471	1.00	0.9601	
73 2-Nitropropane	41	9.219	9.213	0.006	95	23974	5.00	4.35	
74 2-Chloroethyl vinyl ether	63	9.296	9.293	0.003	40	4339	1.00	0.6797	
76 cis-1,3-Dichloropropene	75	9.473	9.470	0.003	54	12384	1.00	0.8797	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.656	0.007	97	38150	2.00	1.72	
\$ 79 Toluene-d8 (Surr)	98	9.779	9.782	-0.003	93	2035206	50.0	46.8	
80 Toluene	92	9.856	9.859	-0.003	98	24855	1.00	0.8879	
S 104 1,3-Dichloropropene, Total	100				0			1.77	
105 trans-1,3-Dichloropropene	75	10.110	10.116	-0.006	88	11176	1.00	0.8944	
106 Ethyl methacrylate	69	10.184	10.180	0.004	83	11303	1.00	0.7896	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	89	9732	1.00	1.04	
108 Tetrachloroethene	166	10.399	10.399	0.000	95	10414	1.00	0.9408	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	91	14503	1.00	0.9511	
110 2-Hexanone	43	10.547	10.541	0.006	96	26775	2.00	1.65	
111 Chlorodibromomethane	129	10.695	10.695	0.000	93	9486	1.00	0.9728	
112 Ethylene Dibromide	107	10.807	10.801	0.006	97	7847	1.00	0.8757	
* 113 Chlorobenzene-d5 (IS)	117	11.235	11.235	0.000	86	1534212	50.0	50.0	
S 116 Xylenes, Total	106				0			2.30	
114 1-Chlorohexane	91	11.251	11.248	0.003	54	11314	1.00	0.9318	
115 Chlorobenzene	112	11.264	11.264	0.000	61	27712	1.00	0.9486	
117 1,1,1,2-Tetrachloroethane	131	11.344	11.348	-0.004	49	10990	1.00	0.9873	
118 Ethylbenzene	91	11.354	11.351	0.003	98	43365	1.00	0.8645	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	99	30726	2.00	1.56	
120 o-Xylene	106	11.798	11.798	0.000	95	15062	1.00	0.7423	
121 Styrene	104	11.811	11.811	0.000	87	21241	1.00	0.7115	
122 Bromoform	173	11.968	11.965	0.003	93	5992	1.00	0.8756	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	34084	1.00	0.7196	
125 Cyclohexanone	55	12.180	12.184	-0.004	92	59178	50.0	34.3	M
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	92	736395	50.0	47.0	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	96	18455	1.00	0.9303	
128 Bromobenzene	156	12.360	12.357	0.003	95	10840	1.00	0.8866	
129 trans-1,4-Dichloro-2-butene	53	12.364	12.373	-0.009	62	6366	2.50	14.6	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	81	6889	1.00	1.05	
131 N-Propylbenzene	91	12.428	12.428	0.000	98	48252	1.00	0.8362	
132 2-Chlorotoluene	126	12.502	12.505	-0.003	97	10632	1.00	0.8548	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	27610	1.00	0.6650	
134 4-Chlorotoluene	126	12.595	12.598	-0.003	96	8609	1.00	0.7445	
135 tert-Butylbenzene	134	12.811	12.811	0.000	93	5494	1.00	3.84	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	28047	1.00	0.6686	
137 sec-Butylbenzene	105	12.981	12.975	0.006	95	31703	1.00	0.6770	
138 1,3-Dichlorobenzene	146	13.074	13.071	0.003	95	20950	1.00	0.9528	
139 4-Isopropyltoluene	119	13.077	13.084	-0.007	90	24553	1.00	0.6076	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	95	916528	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.142	13.145	-0.003	91	23927	1.00	1.06	
142 1,2,3-Trimethylbenzene	105	13.155	13.158	-0.003	94	34775	1.00	0.8191	
143 Benzyl chloride	91	13.225	13.225	0.000	98	29037	1.00	0.9379	
144 1,3-Diethylbenzene	119	13.280	13.283	-0.003	94	16254	1.00	0.6903	
145 p-Diethylbenzene	119	13.351	13.357	-0.006	88	16305	1.00	0.6509	
146 n-Butylbenzene	92	13.376	13.376	0.000	95	14462	1.00	0.7290	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	95	22295	1.00	0.9458	
148 o-diethylbenzene	119	13.421	13.431	-0.010	96	13878	1.00	0.6643	
149 1,2-Dibromo-3-Chloropropane	75	13.949	13.955	-0.006	80	6352	1.00	0.9894	
150 1,3,5-Trichlorobenzene	180	14.081	14.077	0.004	96	15158	1.00	1.08	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	92	15343	1.00	1.14	
152 Hexachlorobutadiene	225	14.589	14.592	-0.003	93	7426	1.00	1.36	
153 Naphthalene	128	14.692	14.692	0.000	97	52786	1.00	0.9158	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	93	16387	1.00	1.13	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	93	31017	1.00	3.96	
S 156 Total Diethylbenzene	1				0			2.01	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppbEE_00647

Amount Added: 12.50

Units: mL

MSV_Cent_ISSS_00044

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D

Injection Date: 07-Oct-2025 23:07:11

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v1

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

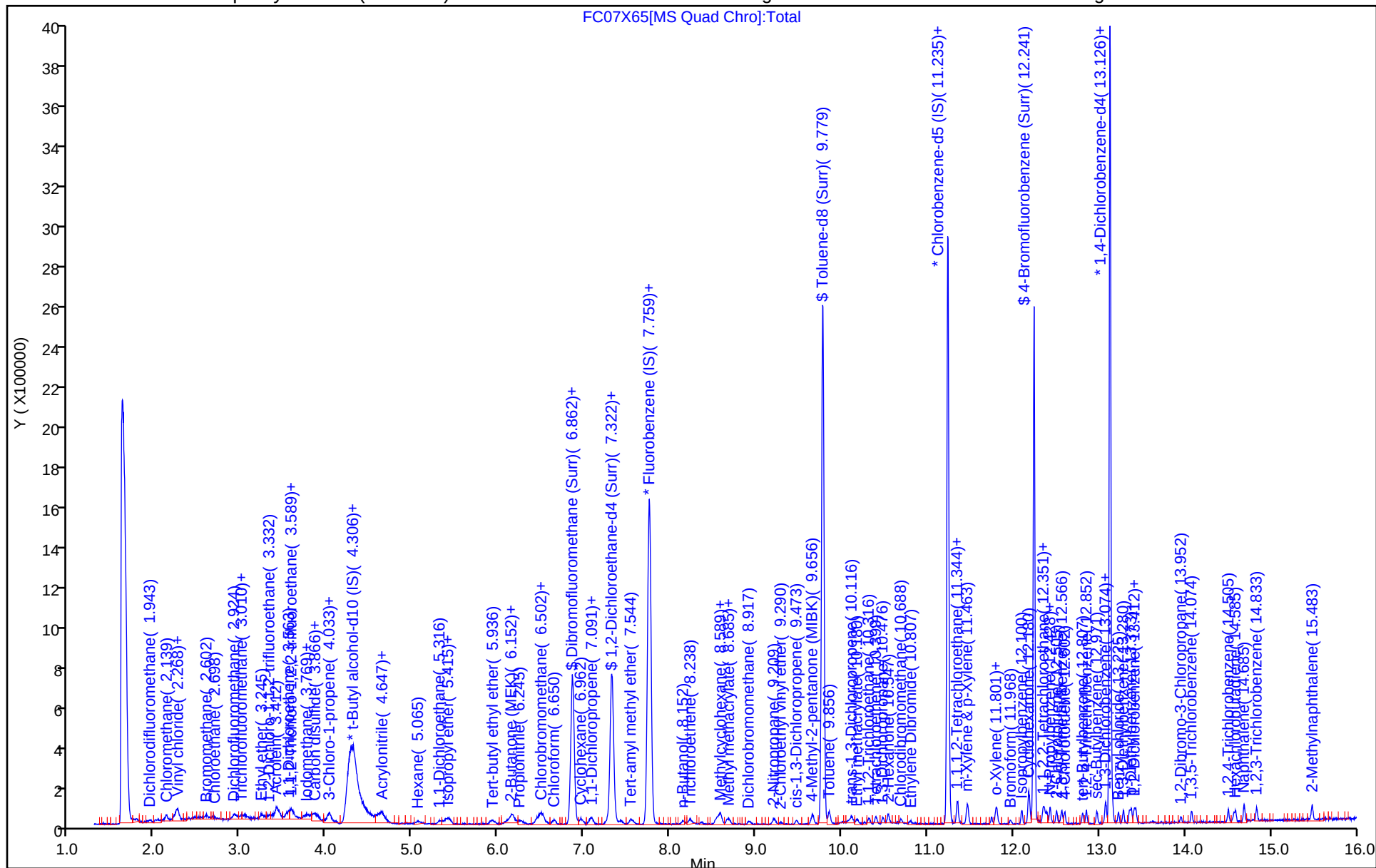
ALS Bottle#: 15

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

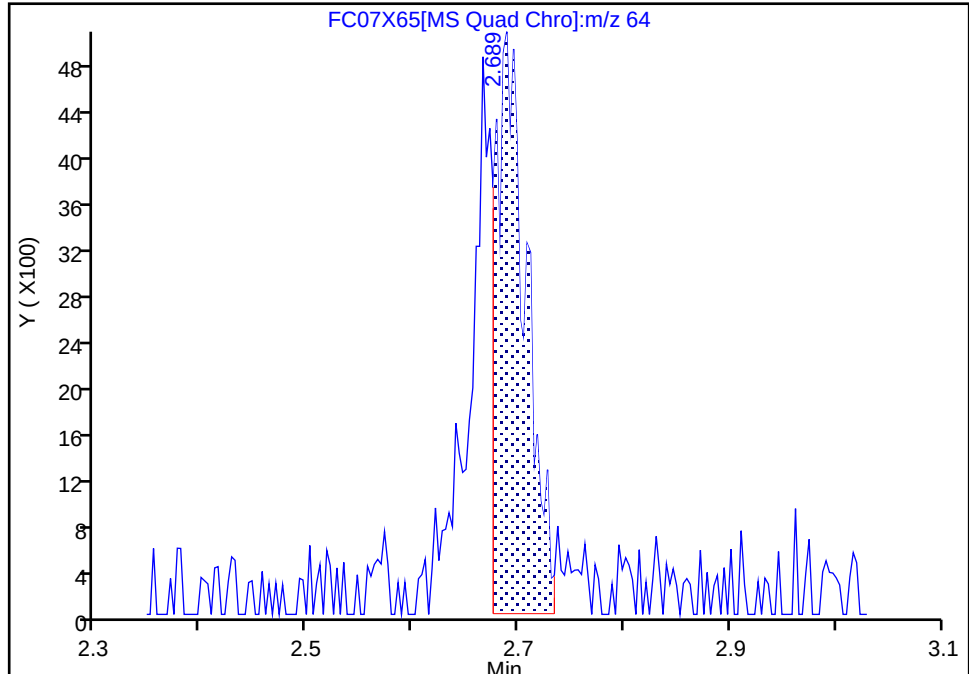
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

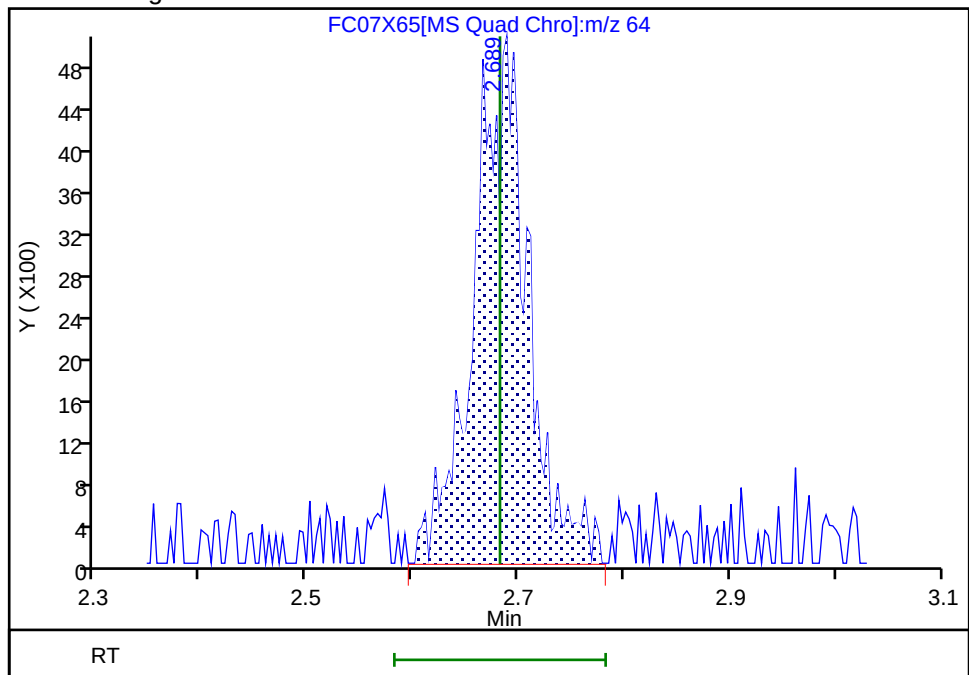
RT: 2.69
Area: 10030
Amount: 0.753446
Amount Units: ug/l

Processing Integration Results



RT: 2.69
Area: 17723
Amount: 1.209576
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:27:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

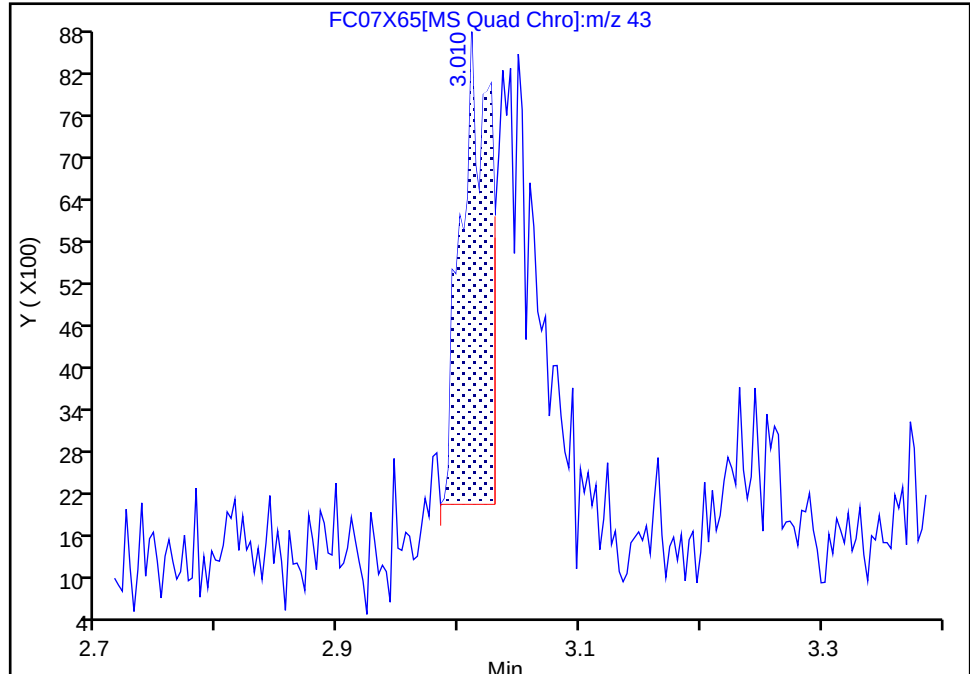
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

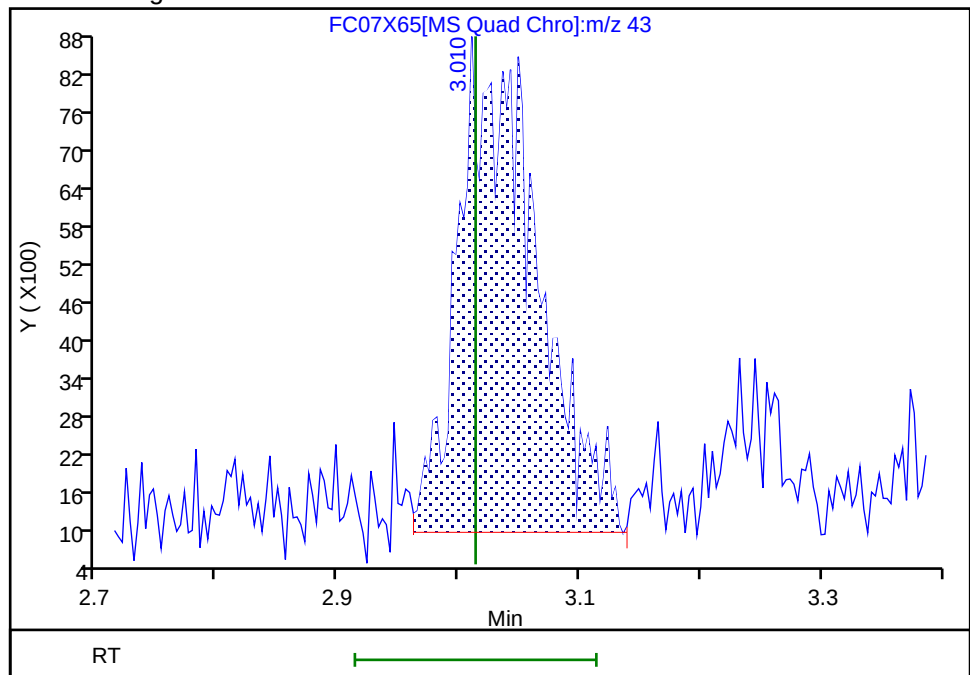
RT: 3.01
Area: 11130
Amount: 0.467909
Amount Units: ug/l

Processing Integration Results



RT: 3.01
Area: 35077
Amount: 0.982542
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:28:14 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

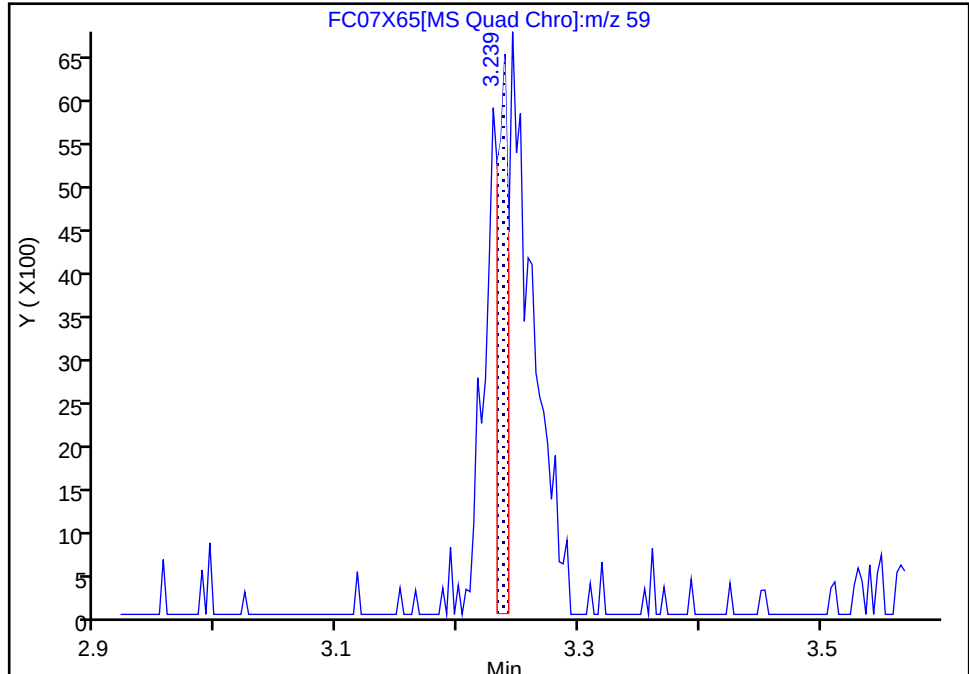
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

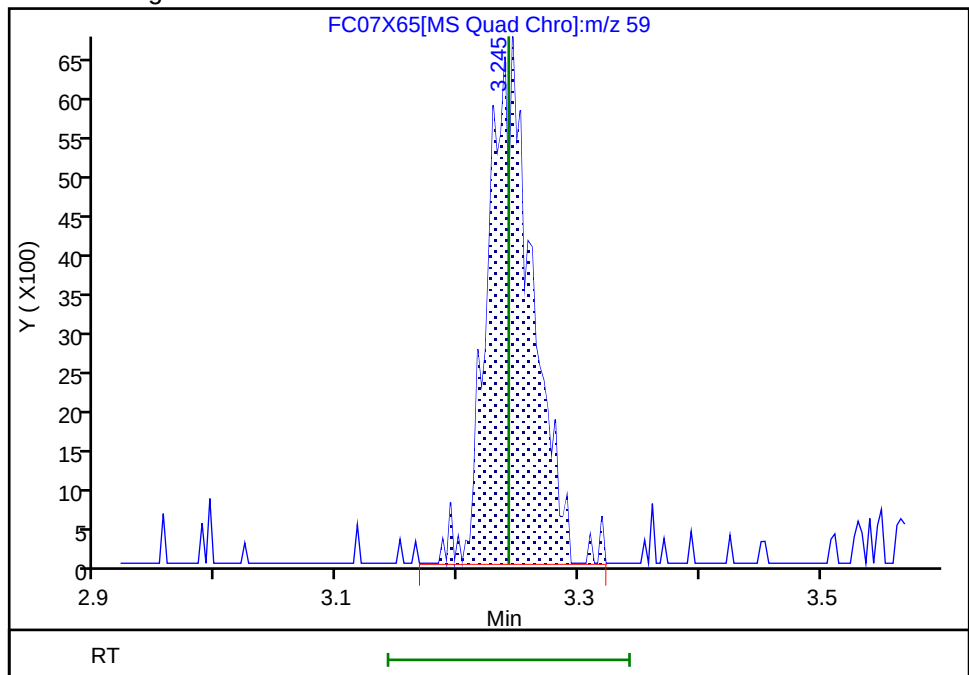
RT: 3.24
Area: 4192
Amount: 0.989899
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 16974
Amount: 1.325208
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:28:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

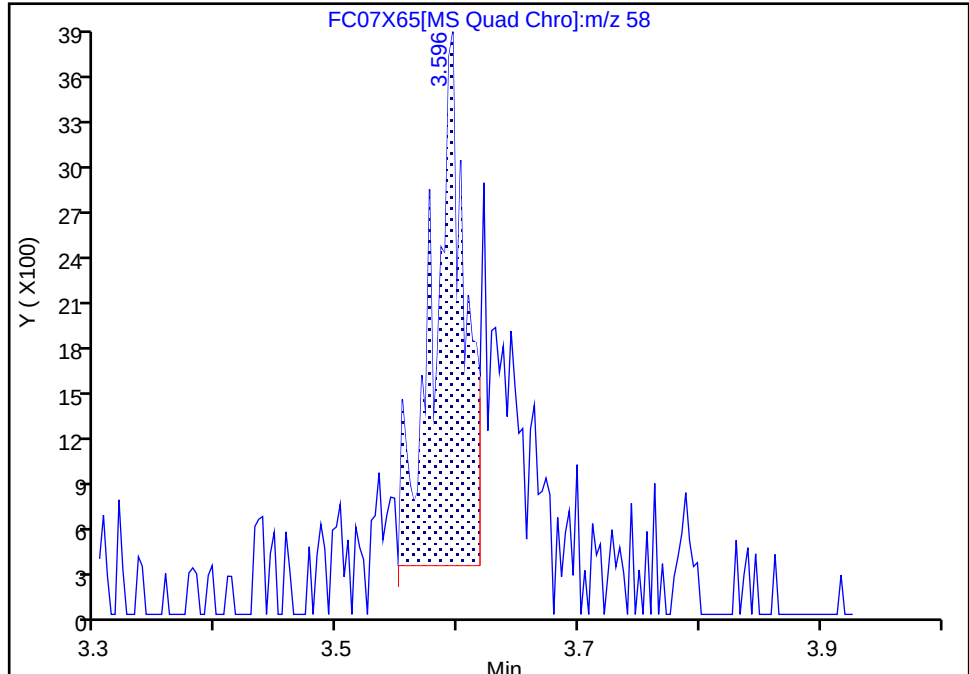
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

19 Acetone, CAS: 67-64-1

Signal: 1

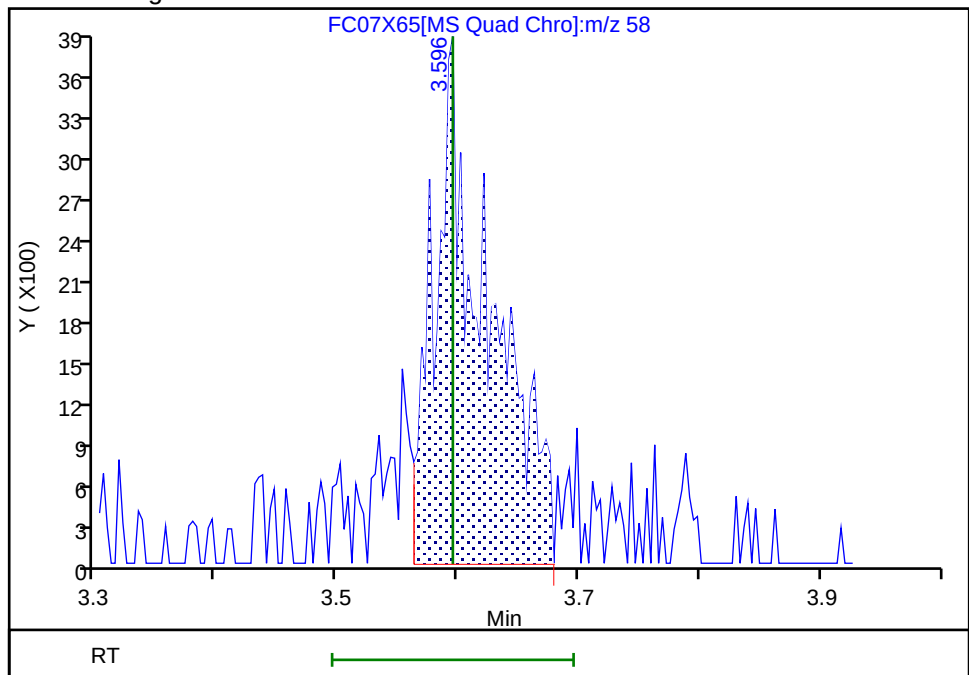
RT: 3.60
Area: 6460
Amount: 1.476492
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 11932
Amount: 2.727168
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:45:05 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

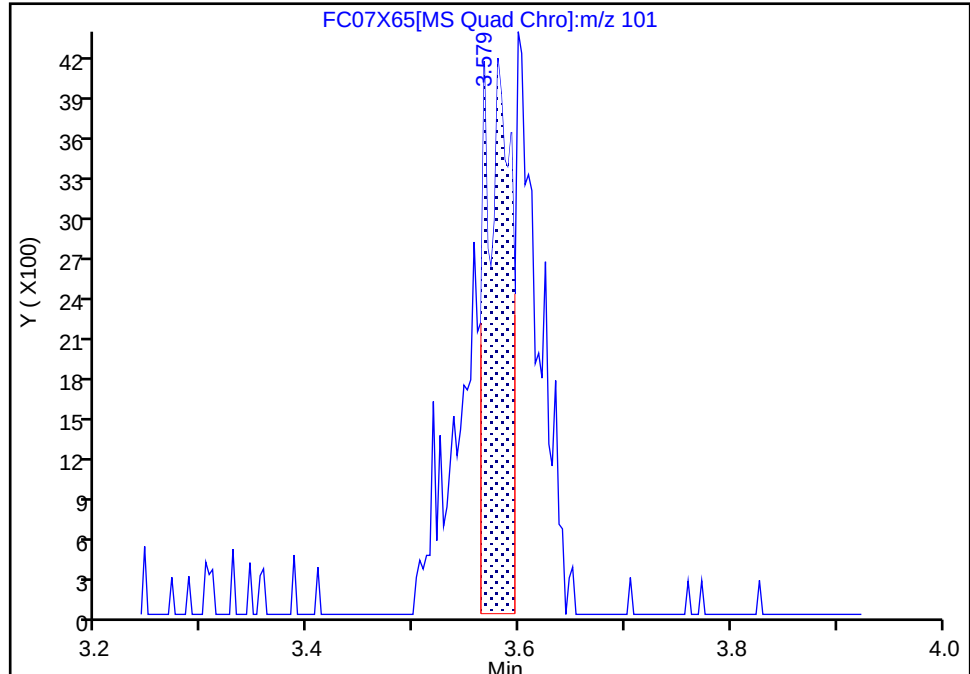
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

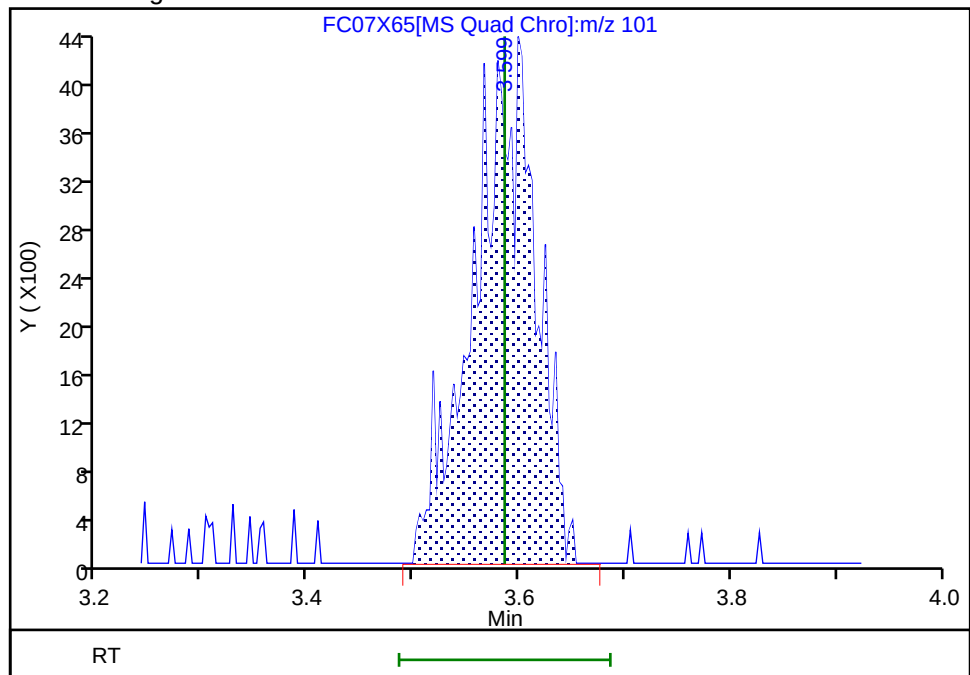
RT: 3.58
Area: 6881
Amount: 1.038172
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 17509
Amount: 1.191654
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:28:28 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

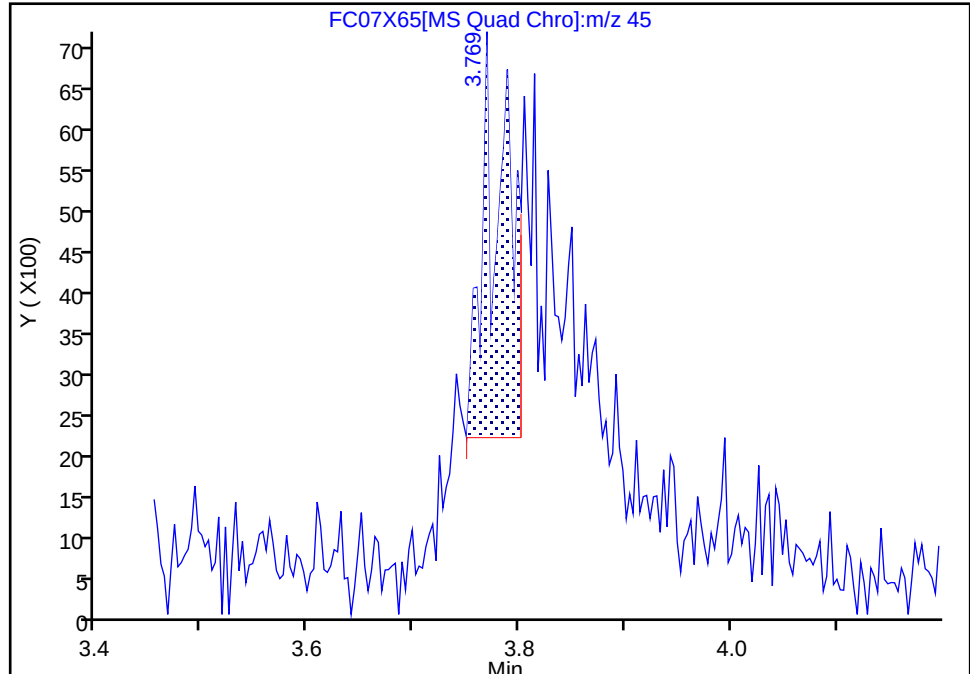
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

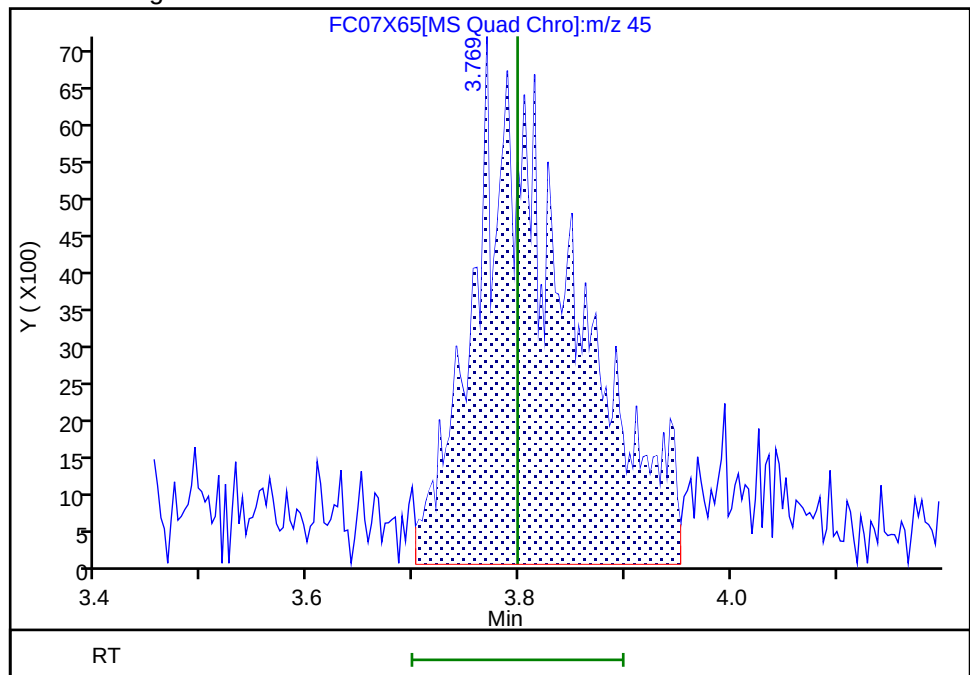
RT: 3.77
Area: 7819
Amount: 1.856533
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 43702
Amount: 10.376544
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:47:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

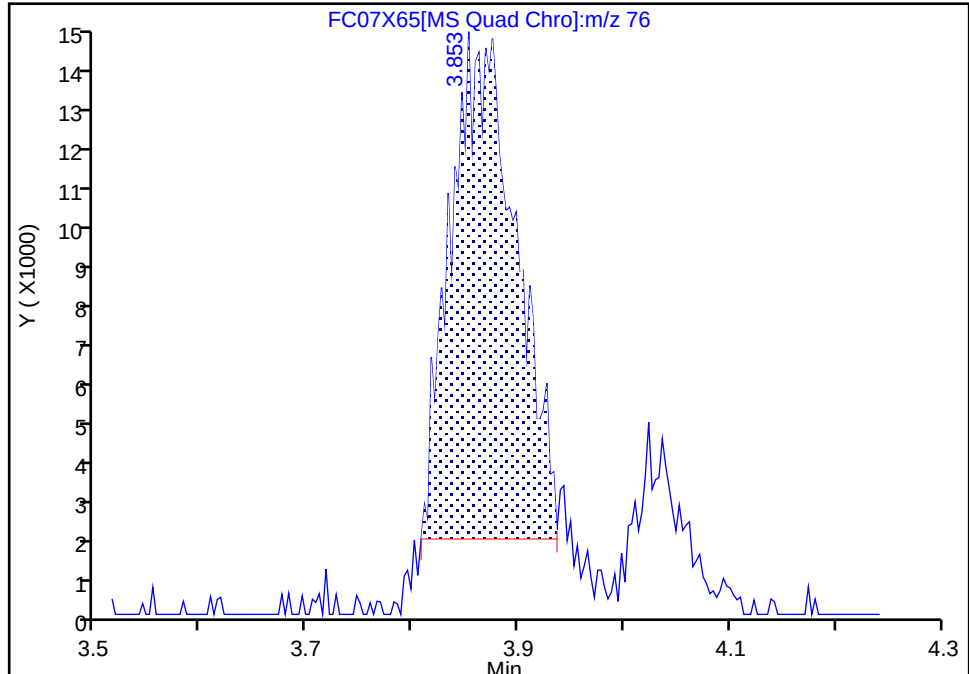
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

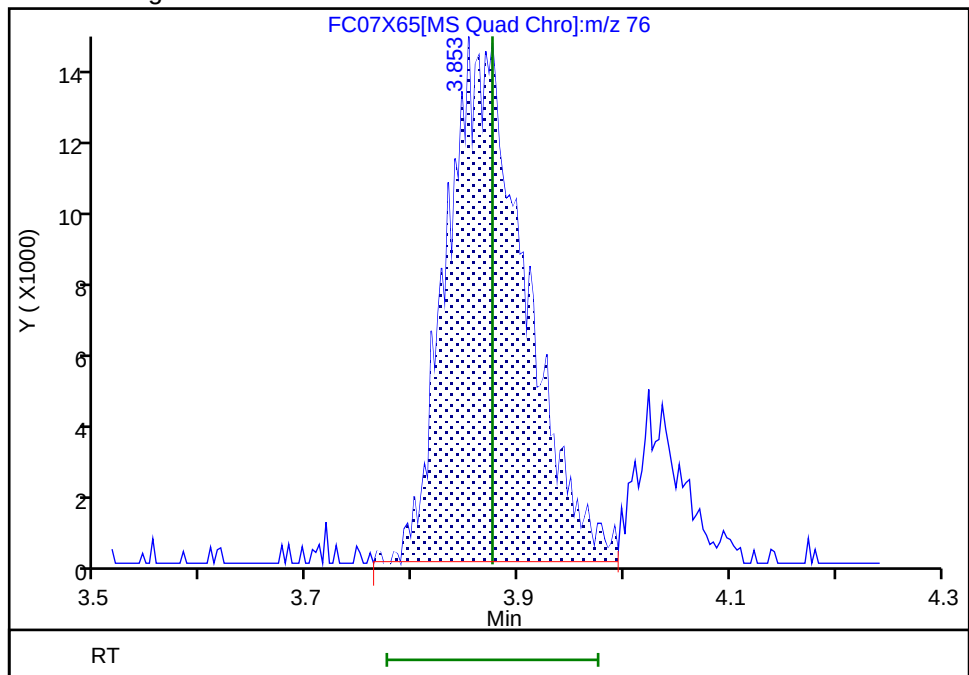
RT: 3.85
Area: 52202
Amount: 1.207966
Amount Units: ug/l

Processing Integration Results



RT: 3.85
Area: 72217
Amount: 1.678227
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:01 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

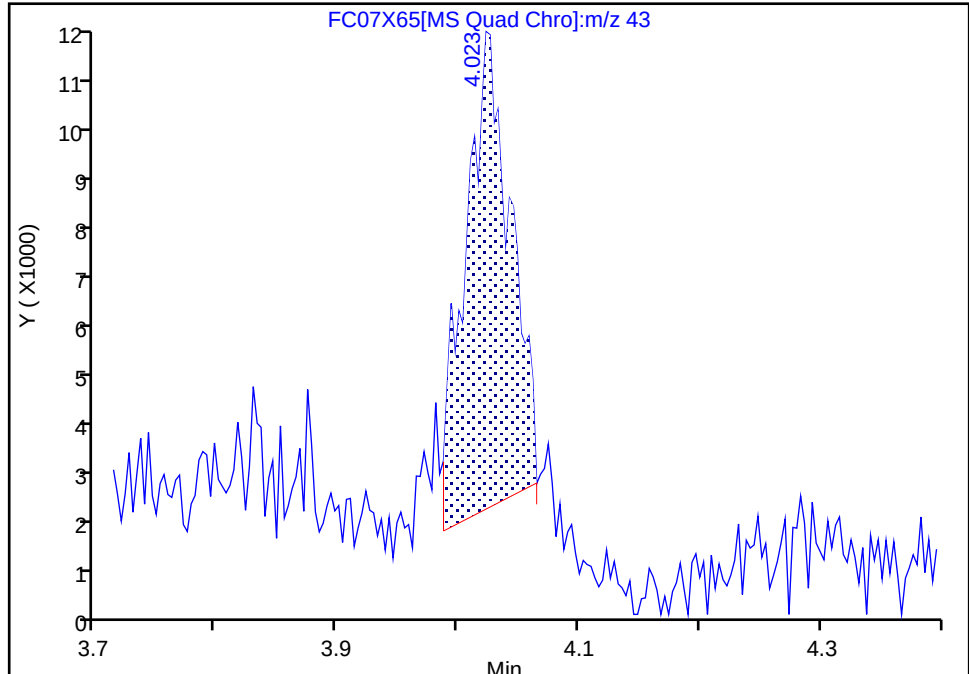
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

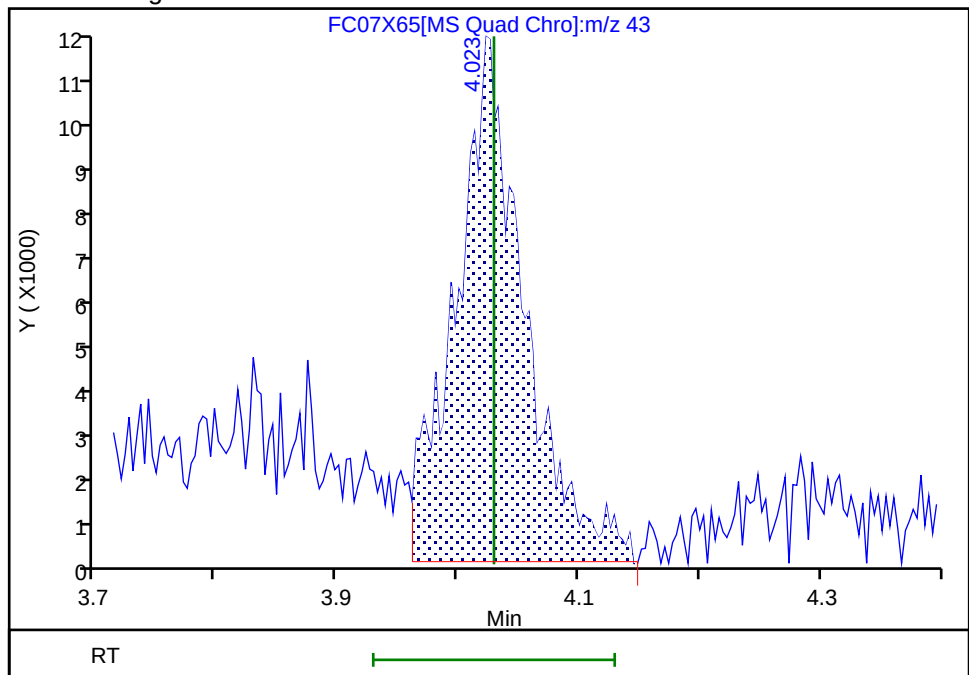
RT: 4.02
Area: 23795
Amount: 1.222909
Amount Units: ug/l

Processing Integration Results



RT: 4.02
Area: 43680
Amount: 0.942399
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:14 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

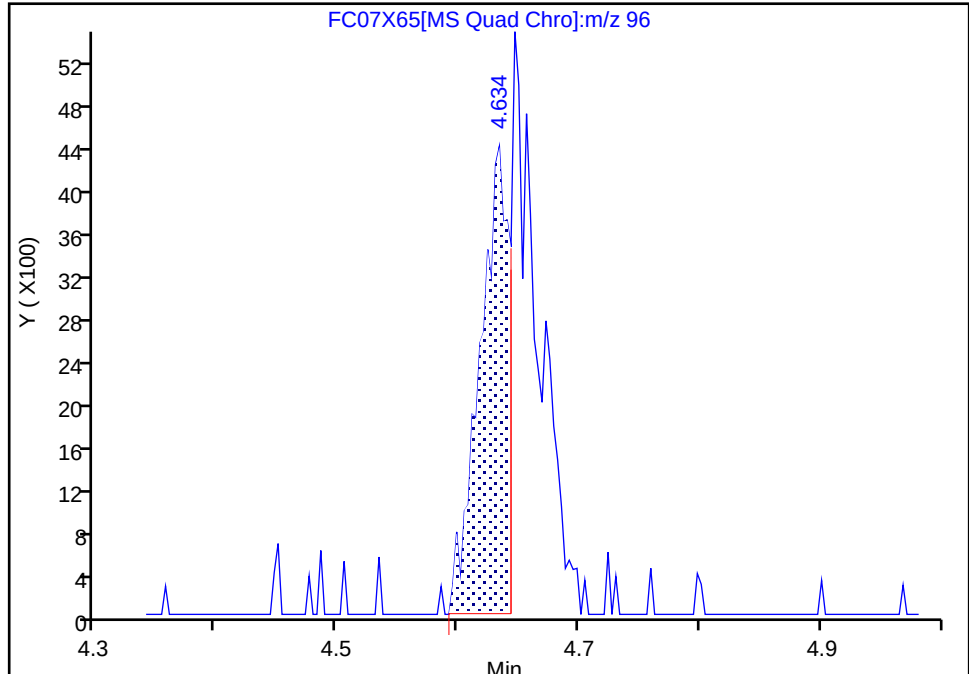
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

32 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

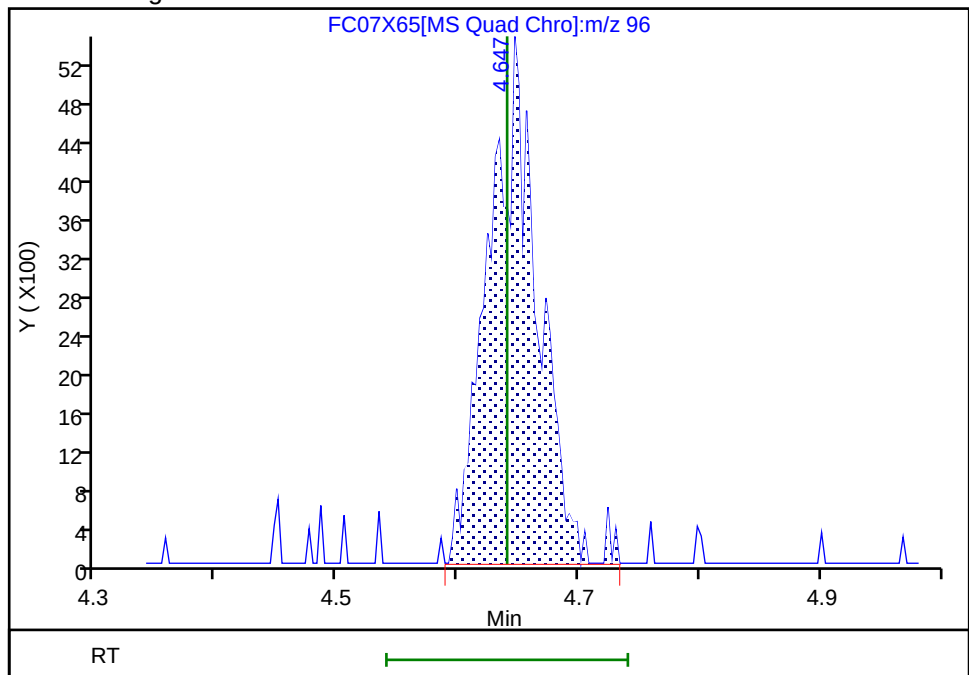
RT: 4.63
Area: 7410
Amount: 0.642194
Amount Units: ug/l

Processing Integration Results



RT: 4.65
Area: 15422
Amount: 1.169555
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

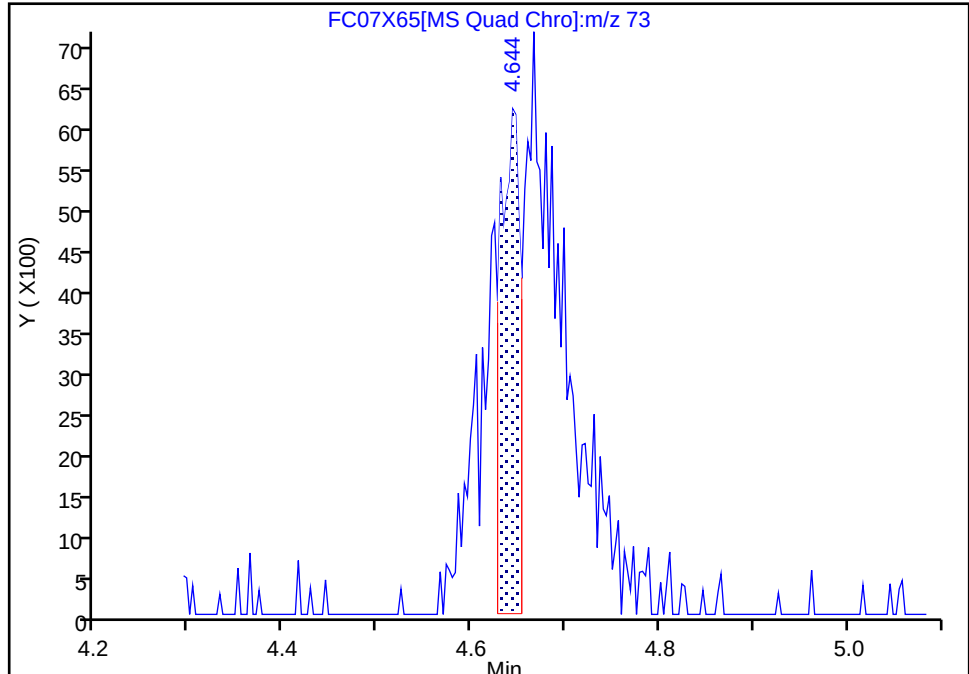
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

33 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

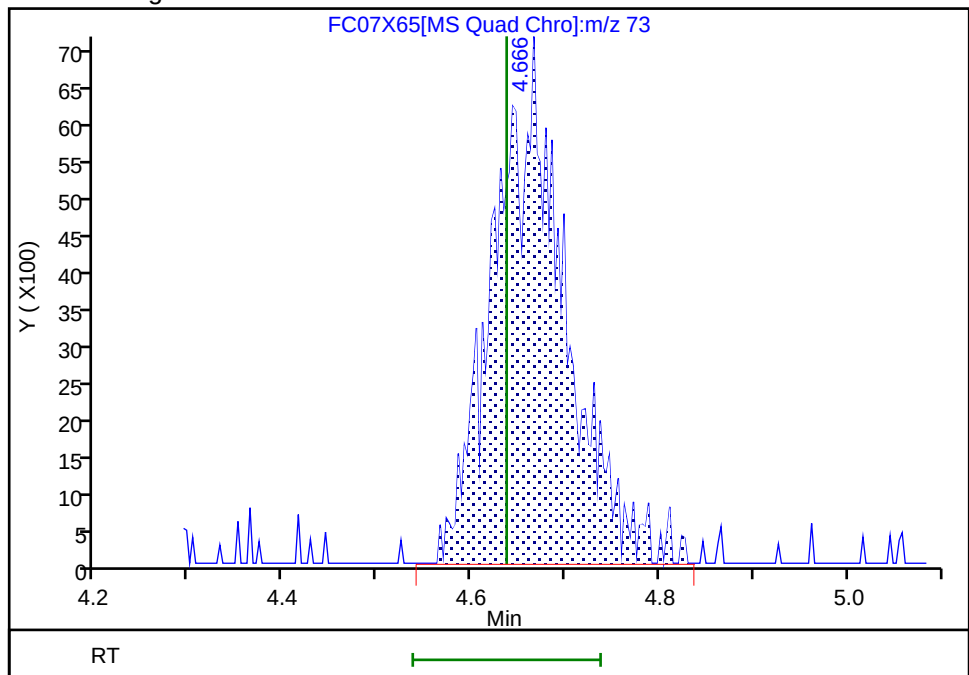
RT: 4.64
Area: 8880
Amount: 0.964265
Amount Units: ug/l

Processing Integration Results



RT: 4.67
Area: 36961
Amount: 1.113765
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

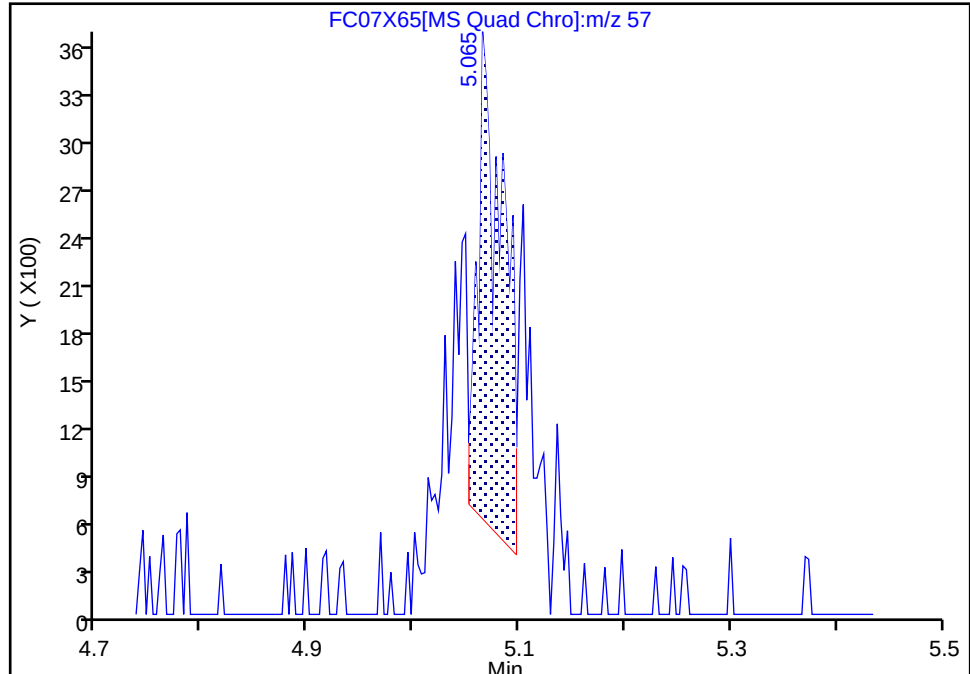
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

34 Hexane, CAS: 110-54-3

Signal: 1

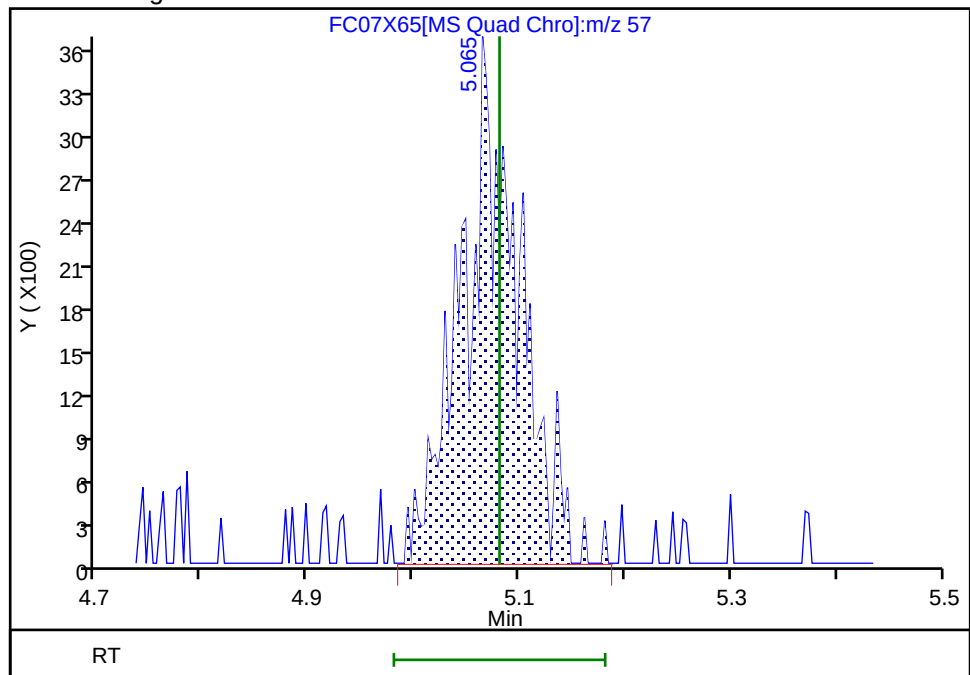
RT: 5.06
Area: 4977
Amount: 1.070827
Amount Units: ug/l

Processing Integration Results



RT: 5.06
Area: 12900
Amount: 0.985955
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

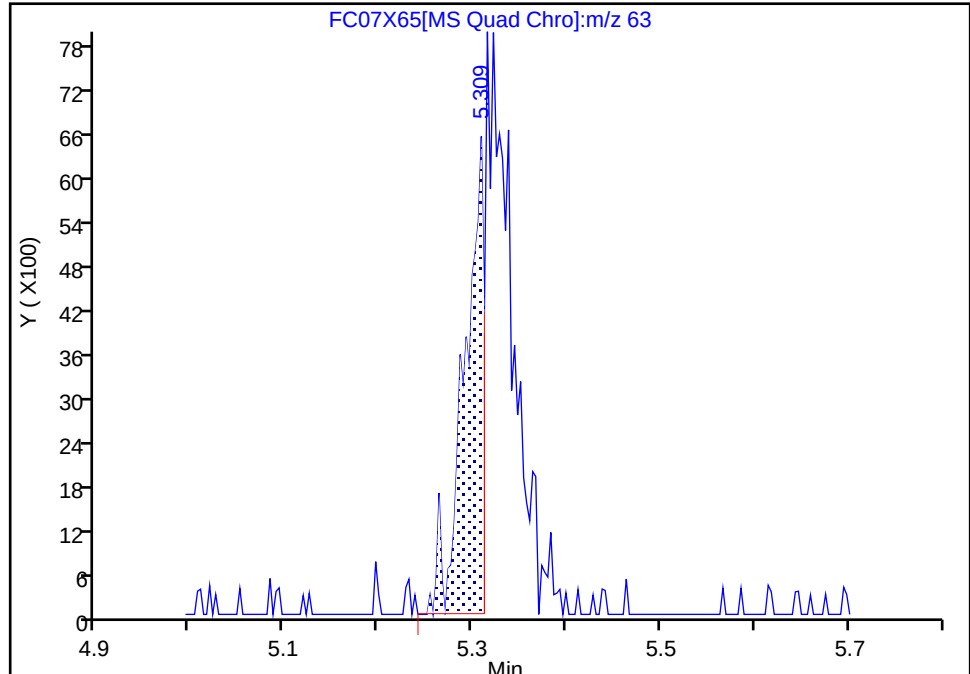
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

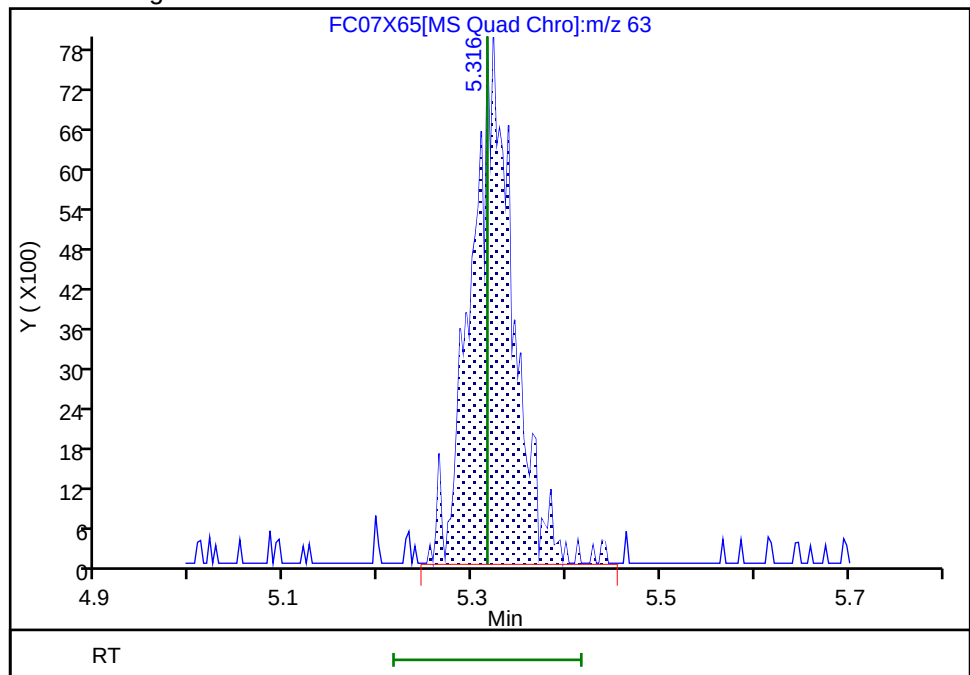
RT: 5.31
Area: 9078
Amount: 0.739018
Amount Units: ug/l

Processing Integration Results



RT: 5.32
Area: 24360
Amount: 1.030166
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

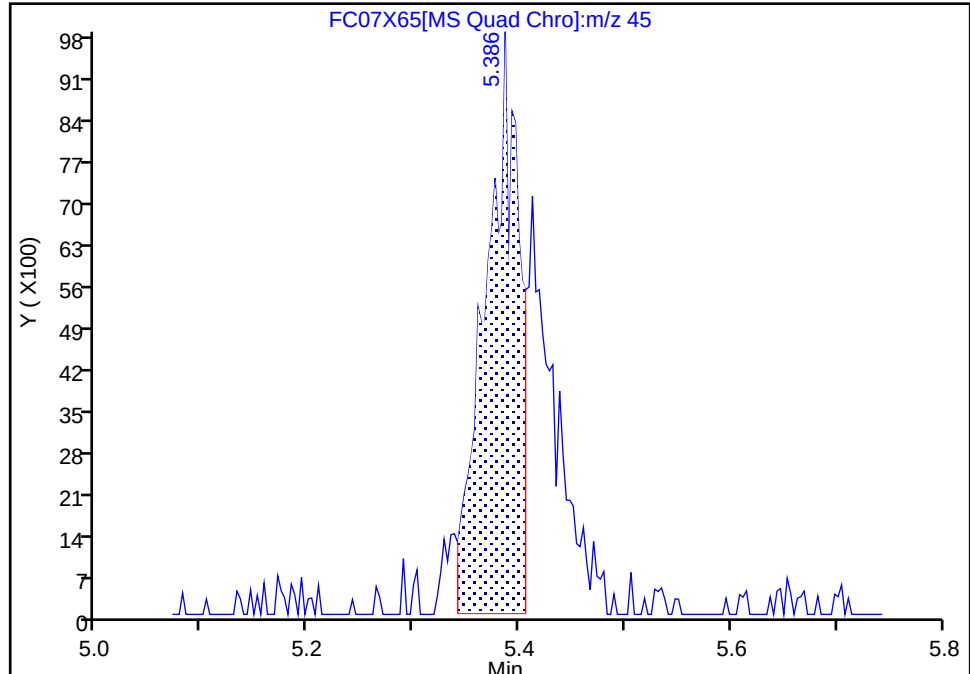
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Isopropyl ether, CAS: 108-20-3

Signal: 1

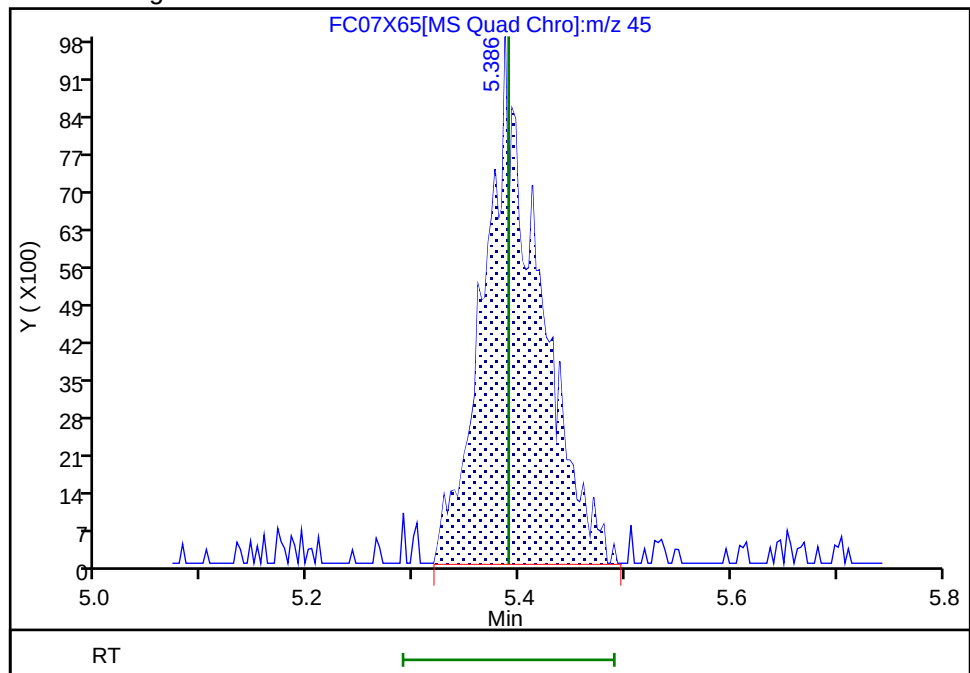
RT: 5.39
Area: 21515
Amount: 0.654363
Amount Units: ug/l

Processing Integration Results



RT: 5.39
Area: 35023
Amount: 0.971328
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

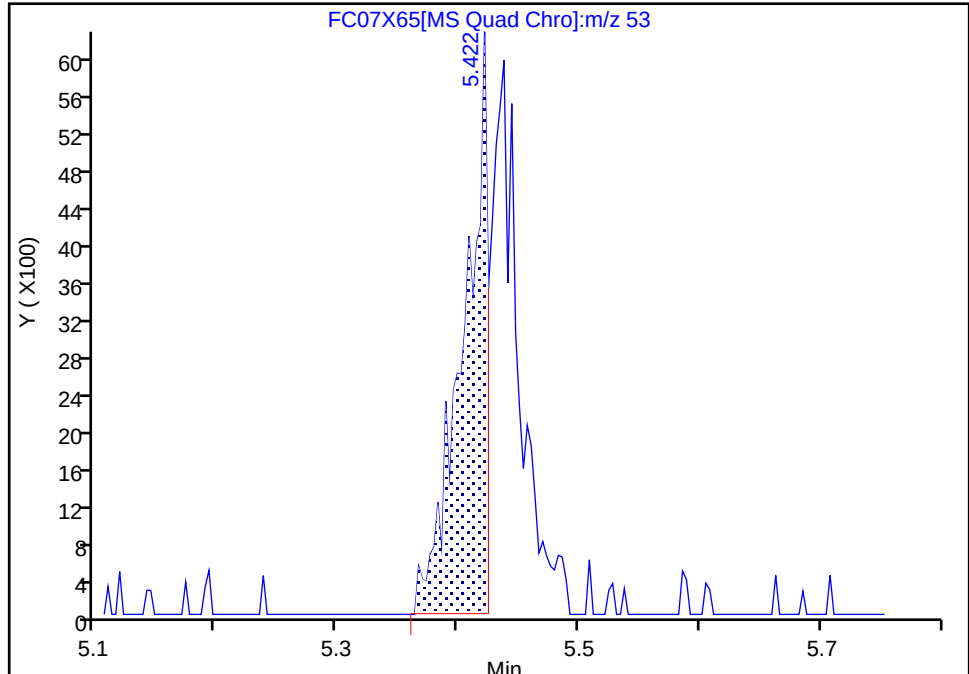
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

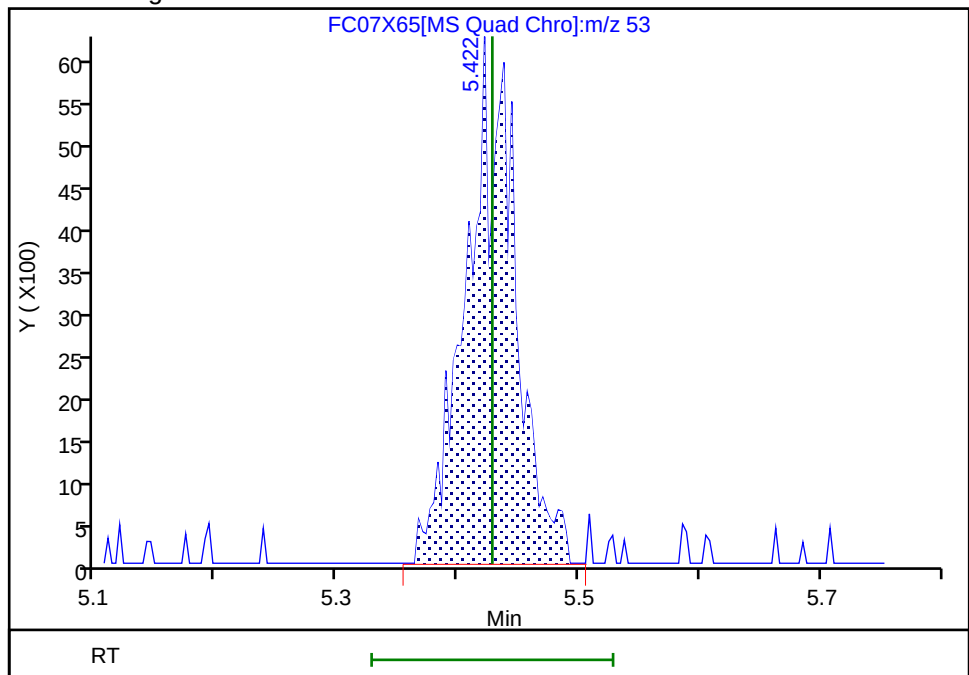
RT: 5.42
Area: 8531
Amount: 0.995203
Amount Units: ug/l

Processing Integration Results



RT: 5.42
Area: 17488
Amount: 0.944896
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

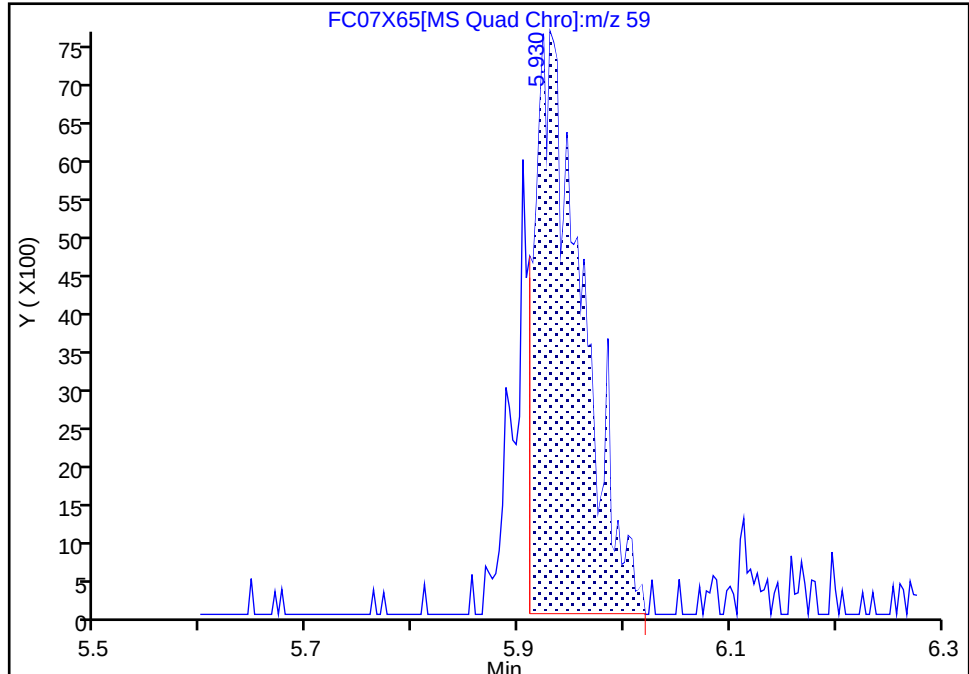
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

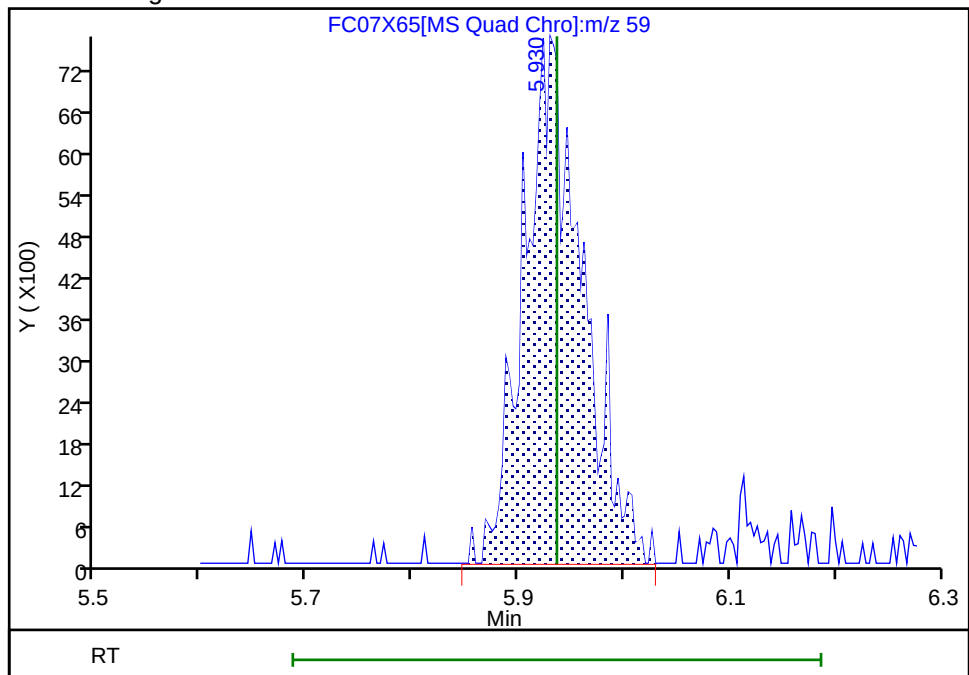
RT: 5.93
Area: 23564
Amount: 0.816381
Amount Units: ug/l

Processing Integration Results



RT: 5.93
Area: 29114
Amount: 0.961933
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

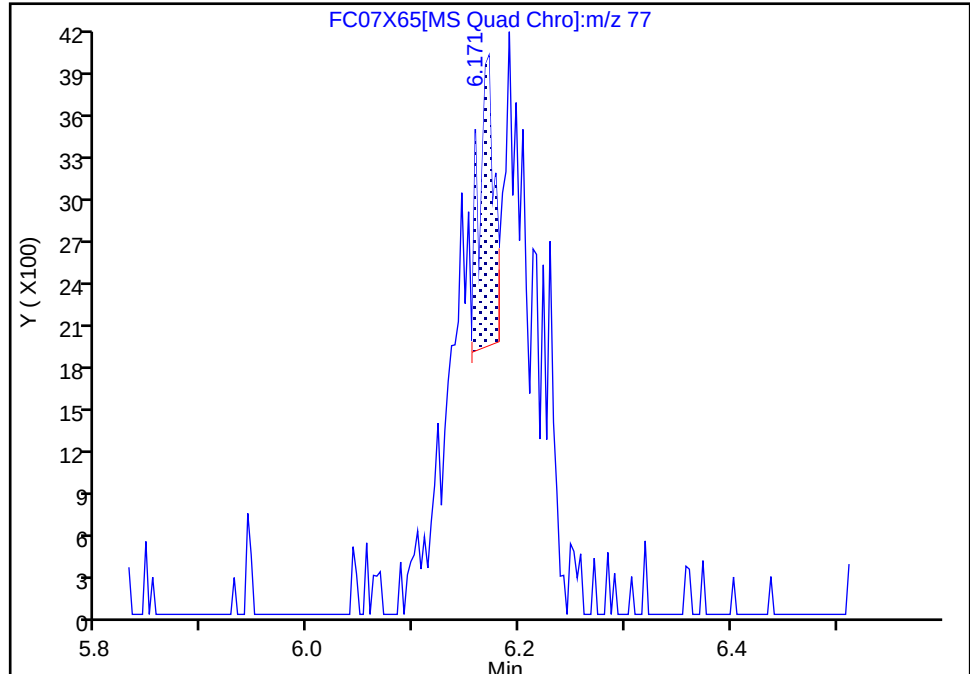
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

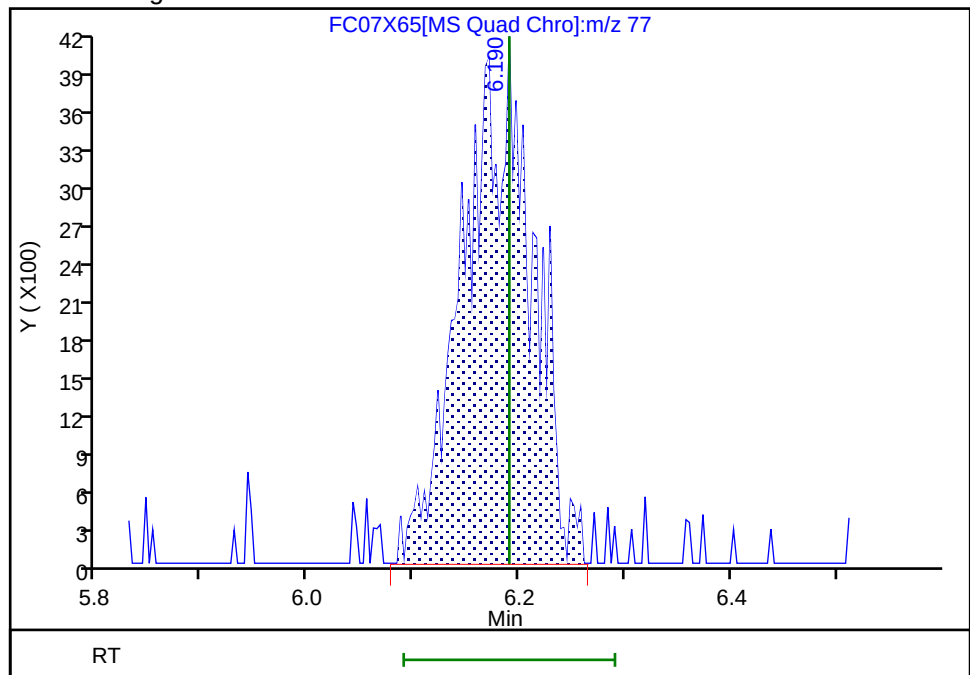
RT: 6.17
Area: 2006
Amount: 0.992678
Amount Units: ug/l

Processing Integration Results



RT: 6.19
Area: 18633
Amount: 1.027157
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:29:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

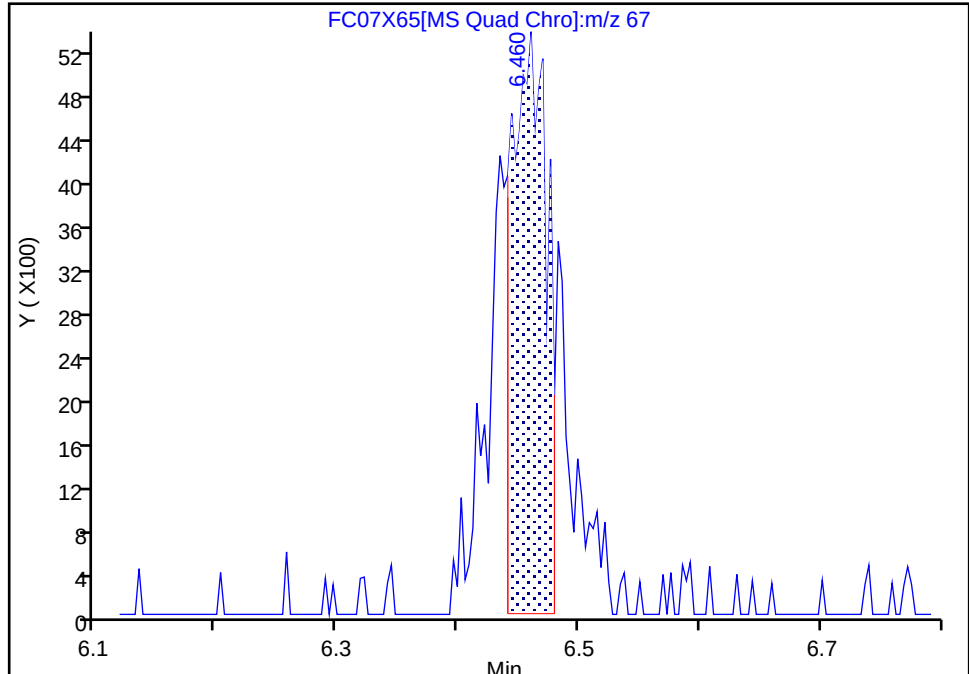
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Methacrylonitrile, CAS: 126-98-7

Signal: 1

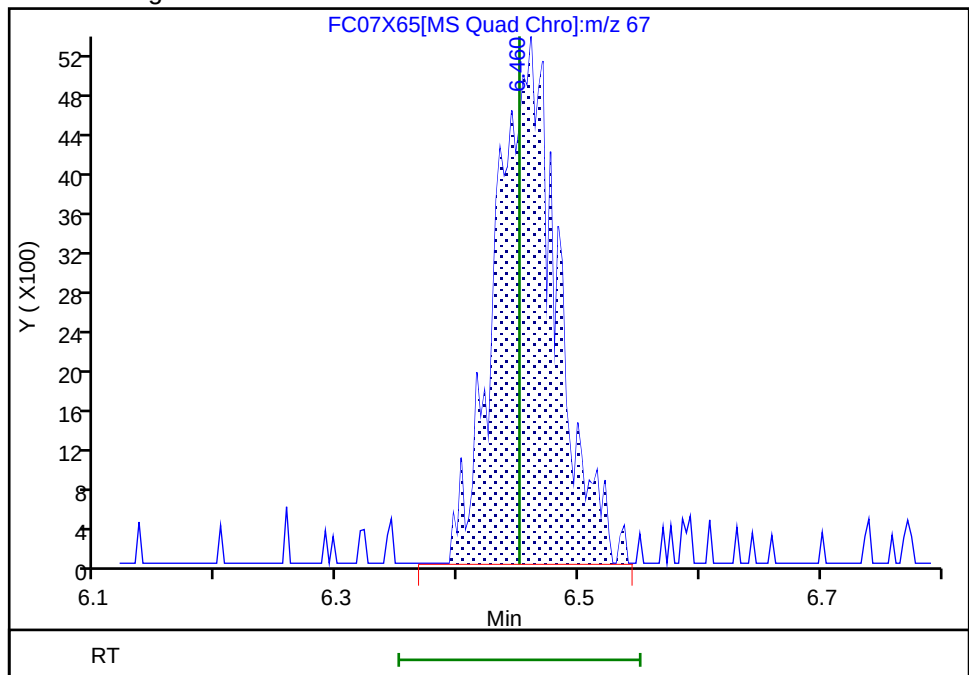
RT: 6.46
Area: 10578
Amount: 2.504750
Amount Units: ug/l

Processing Integration Results



RT: 6.46
Area: 18624
Amount: 2.340437
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:01 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

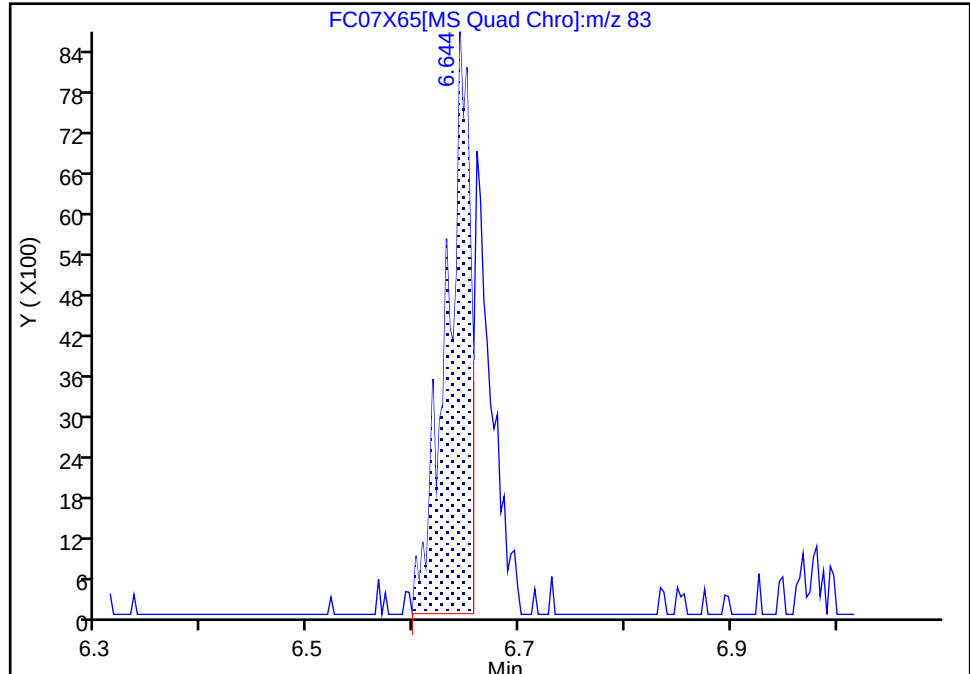
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Chloroform, CAS: 67-66-3

Signal: 1

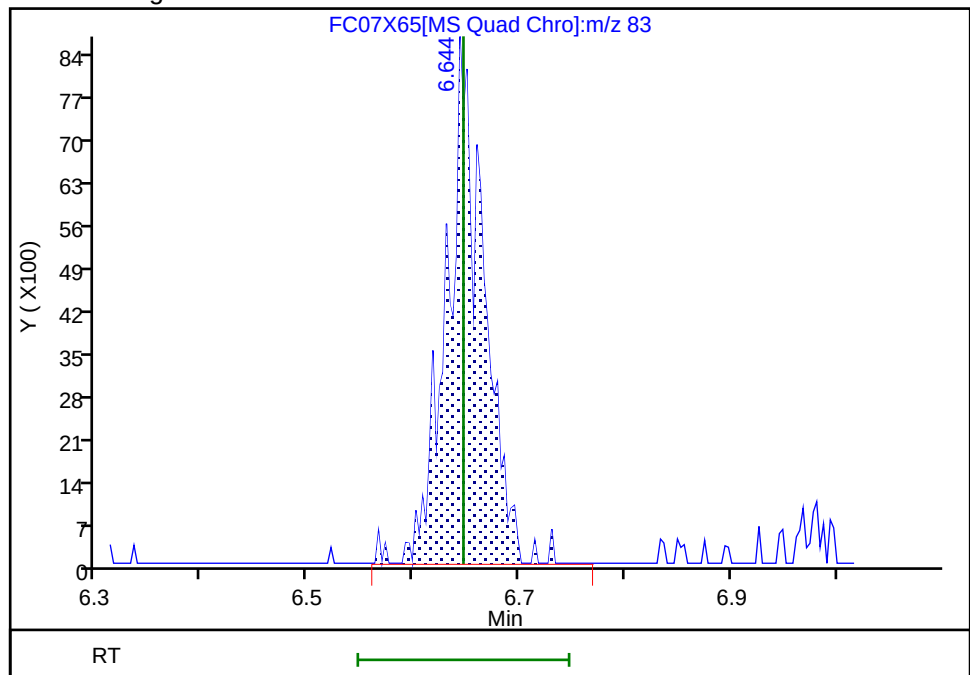
RT: 6.64
Area: 13231
Amount: 0.676185
Amount Units: ug/l

Processing Integration Results



RT: 6.64
Area: 20813
Amount: 0.973892
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

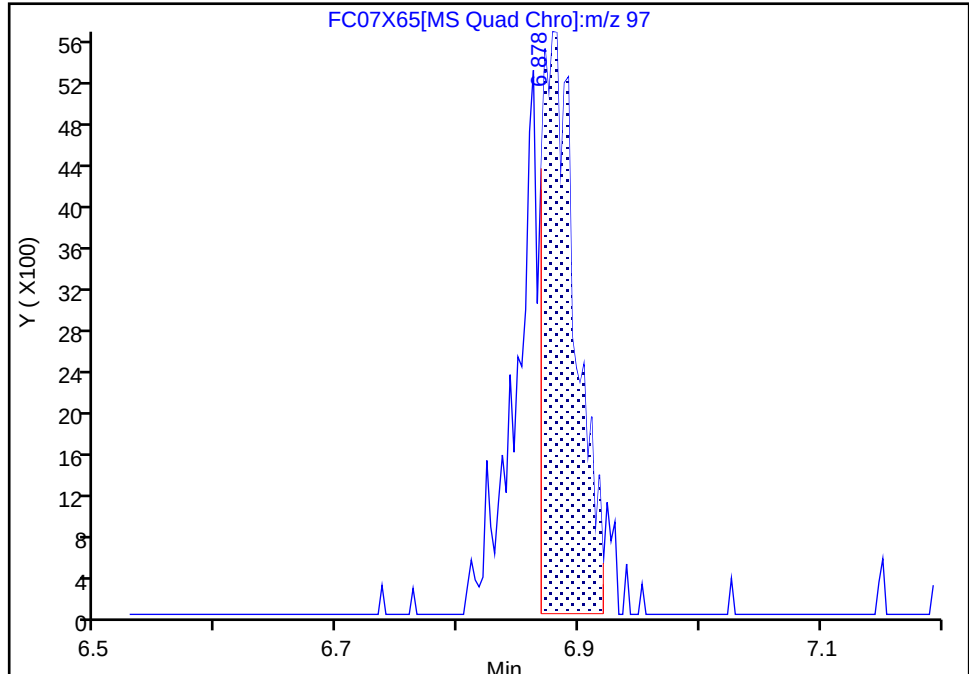
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

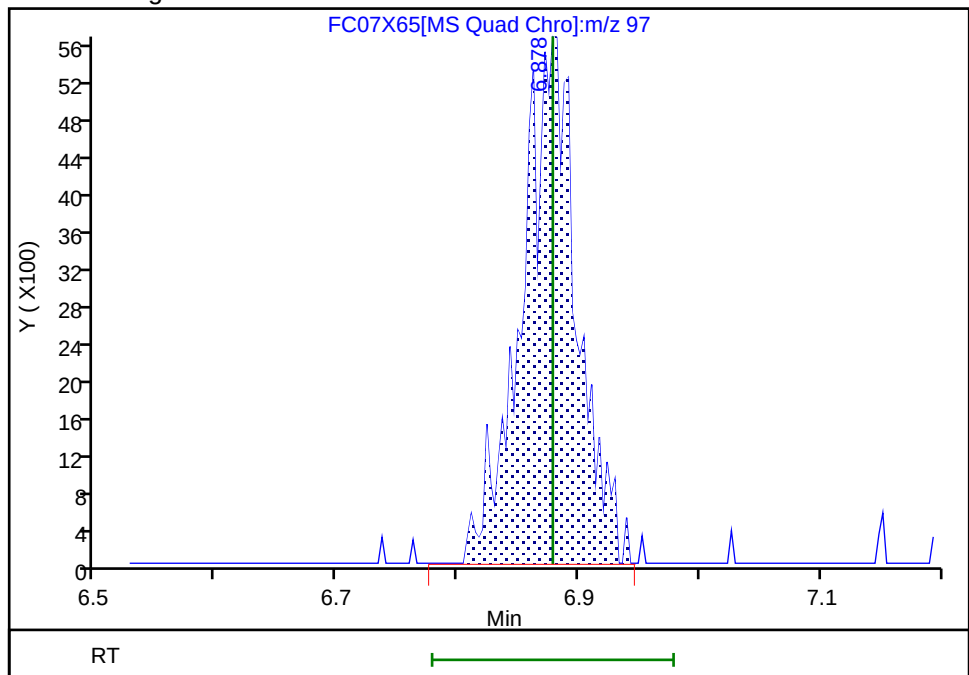
RT: 6.88
Area: 10825
Amount: 1.115967
Amount Units: ug/l

Processing Integration Results



RT: 6.88
Area: 17829
Amount: 0.976320
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

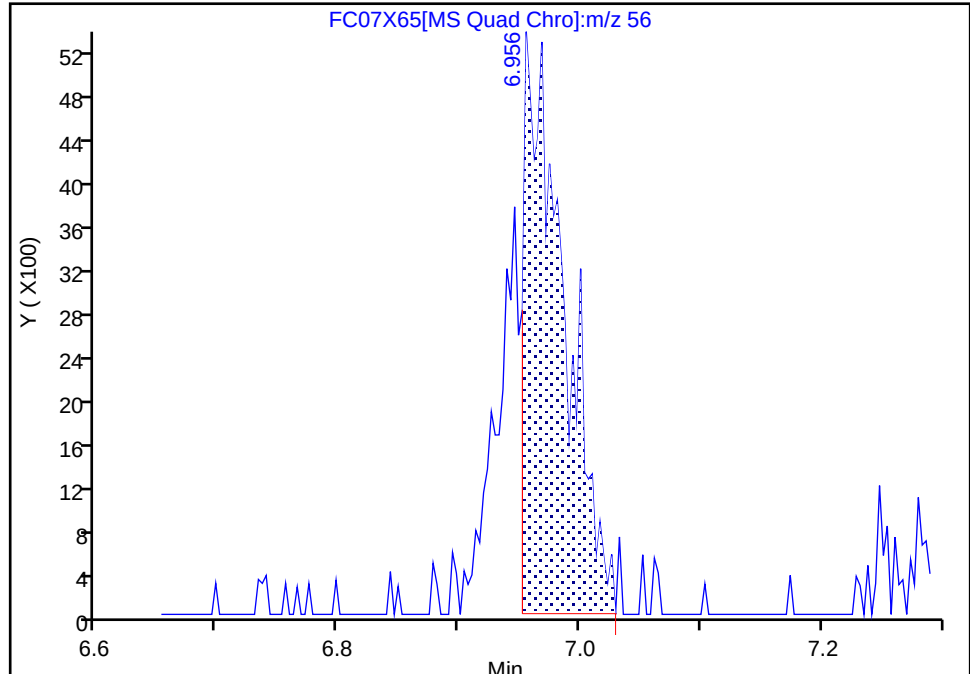
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

51 Cyclohexane, CAS: 110-82-7

Signal: 1

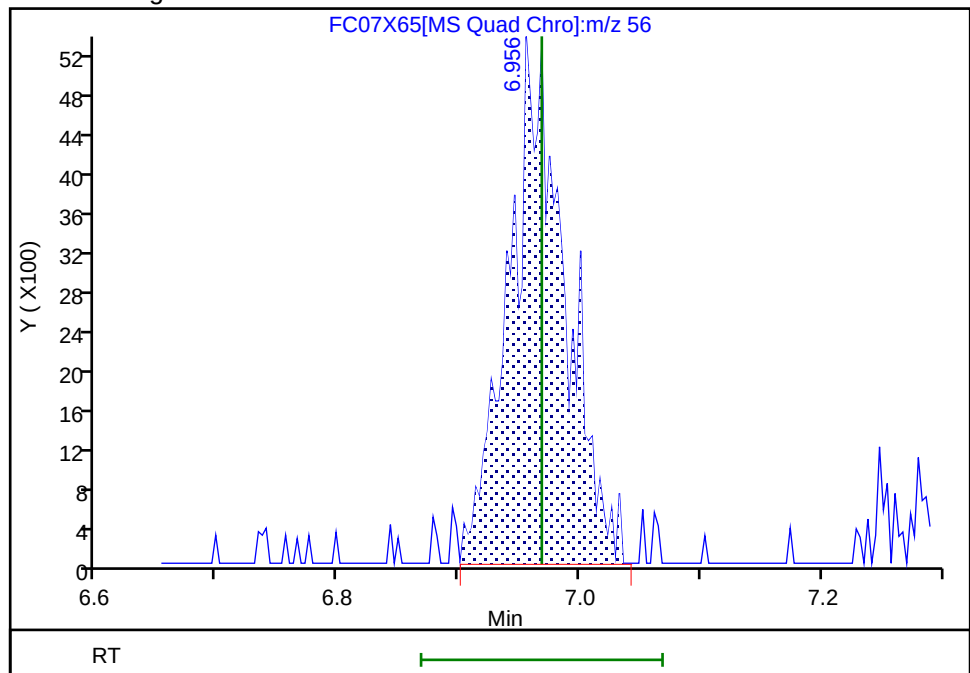
RT: 6.96
Area: 12127
Amount: 0.790376
Amount Units: ug/l

Processing Integration Results



RT: 6.96
Area: 16997
Amount: 0.816647
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

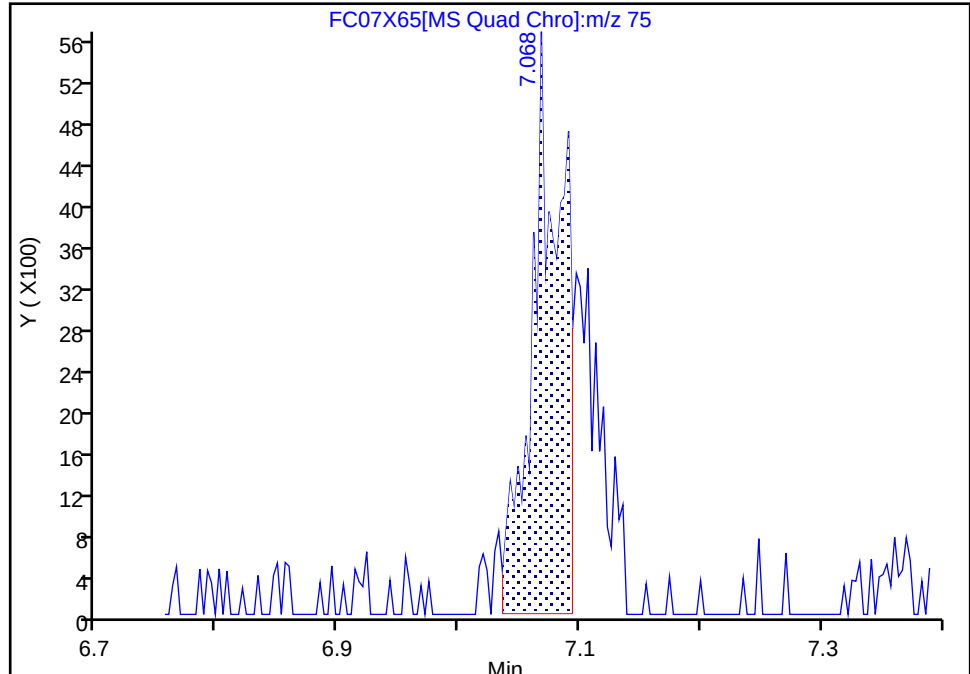
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

52 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

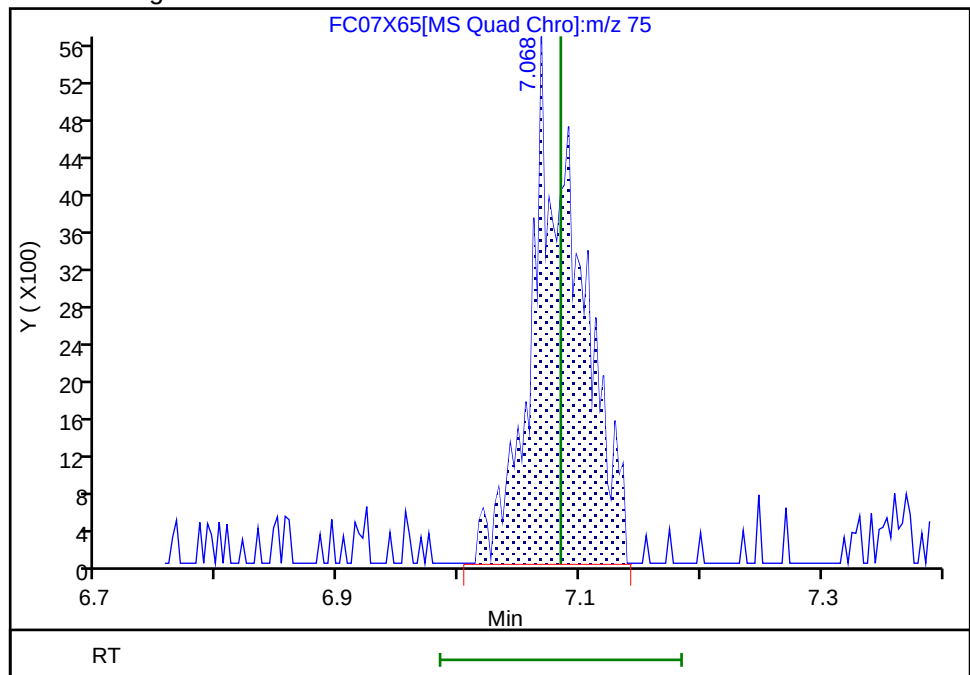
RT: 7.07
Area: 9842
Amount: 0.682642
Amount Units: ug/l

Processing Integration Results



RT: 7.07
Area: 15306
Amount: 0.976887
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

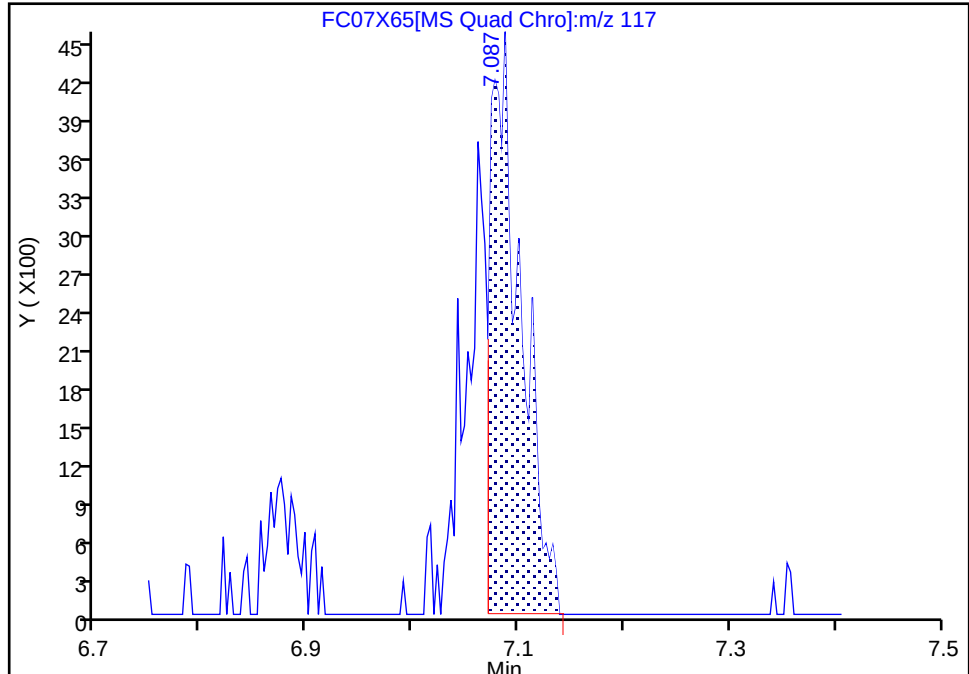
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

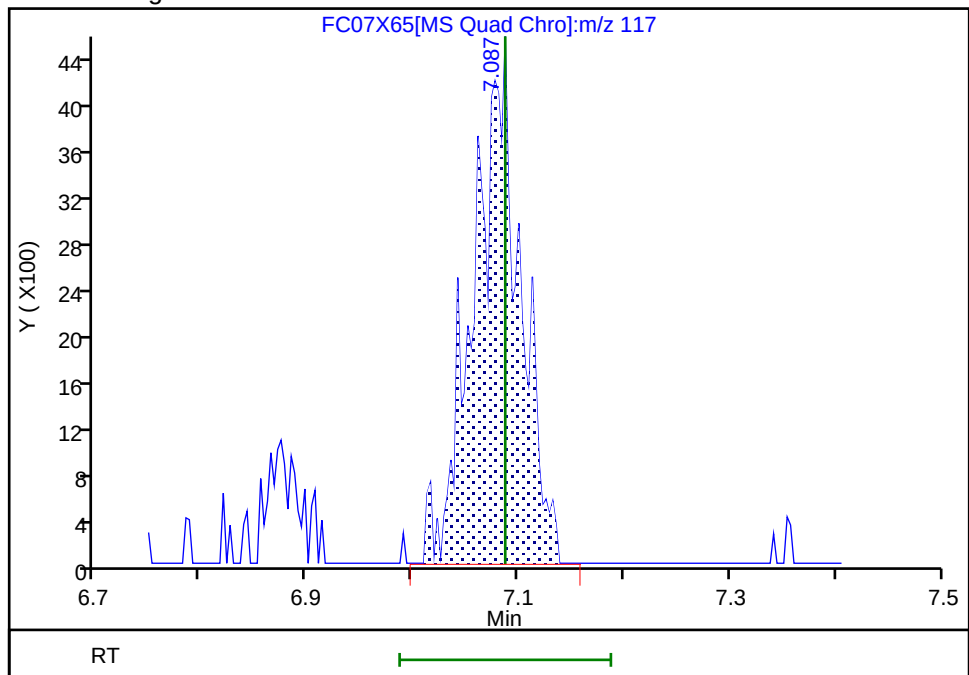
RT: 7.09
Area: 8860
Amount: 0.626736
Amount Units: ug/l

Processing Integration Results



RT: 7.09
Area: 13744
Amount: 0.894902
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

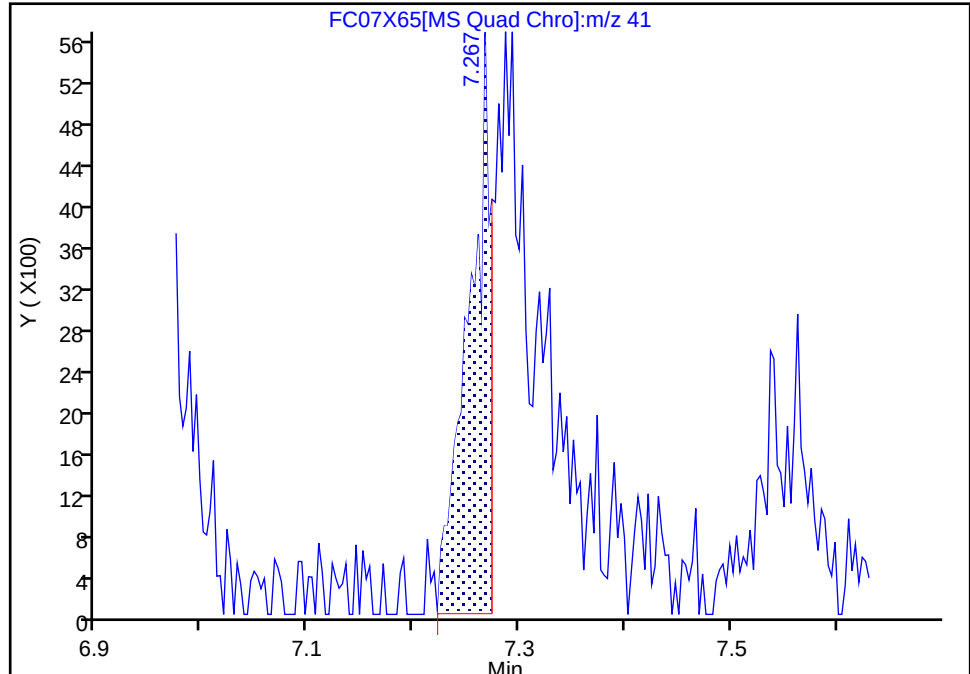
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

56 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

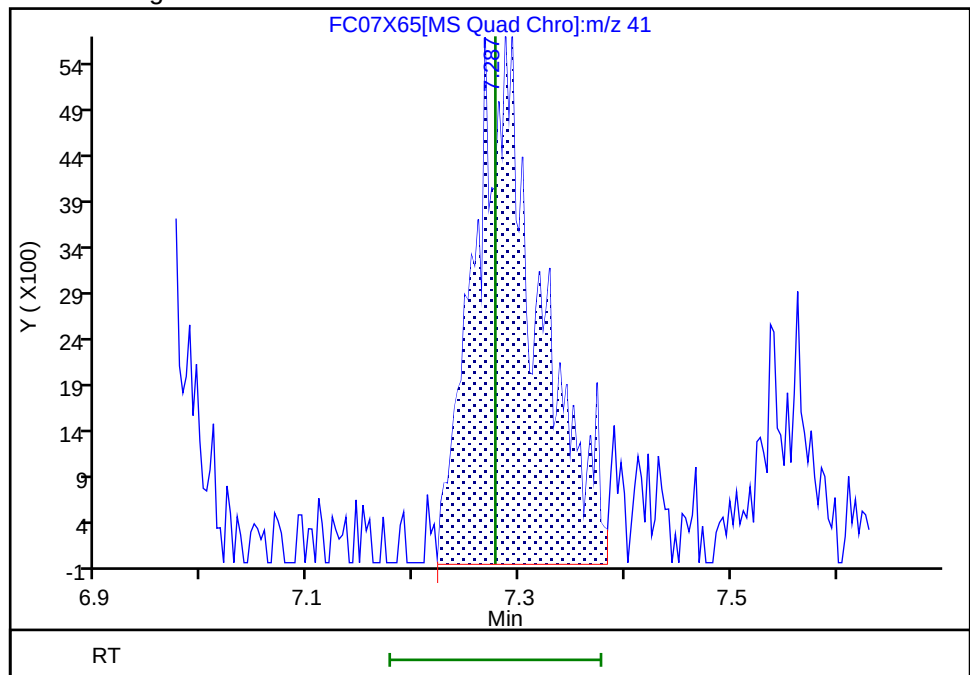
RT: 7.27
Area: 7921
Amount: 12.553222
Amount Units: ug/l

Processing Integration Results



RT: 7.29
Area: 23862
Amount: 11.804690
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:37 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

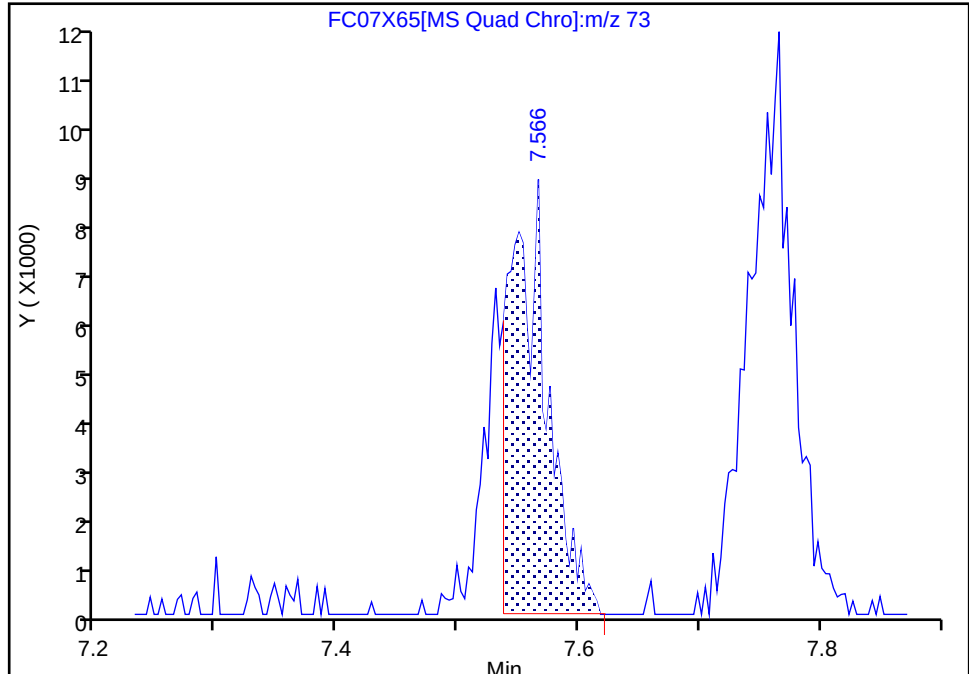
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

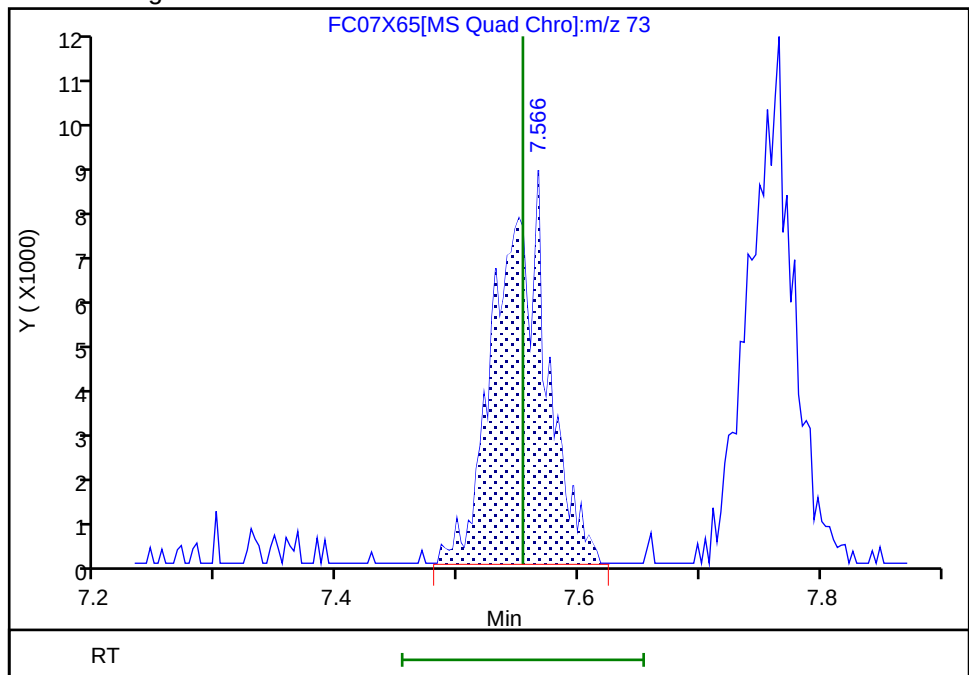
RT: 7.57
Area: 18738
Amount: 0.674064
Amount Units: ug/l

Processing Integration Results



RT: 7.57
Area: 25311
Amount: 0.860327
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:47 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

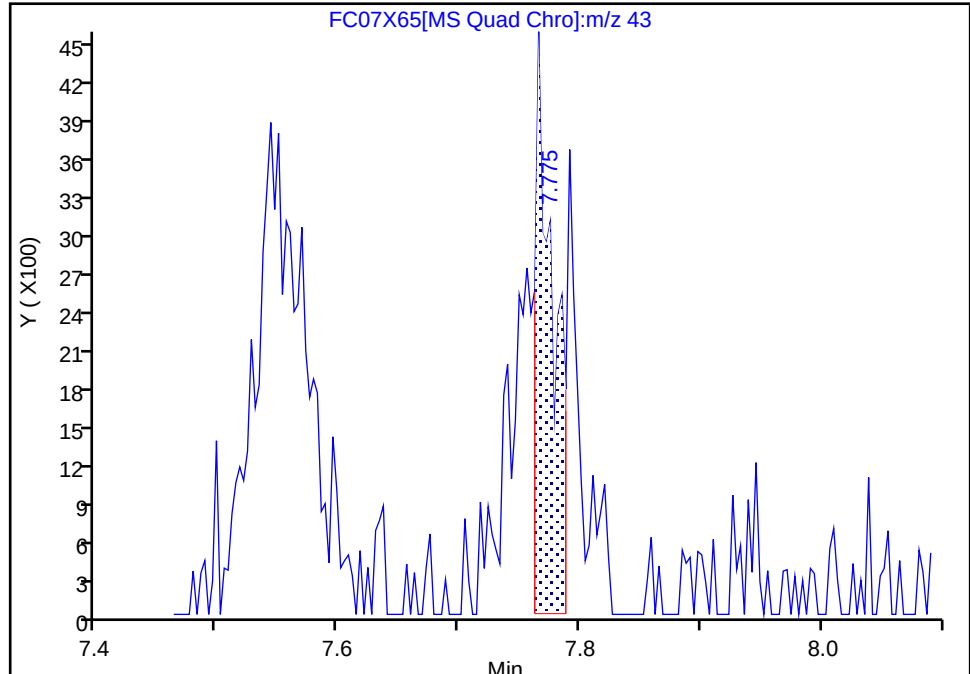
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

62 n-Heptane, CAS: 142-82-5

Signal: 1

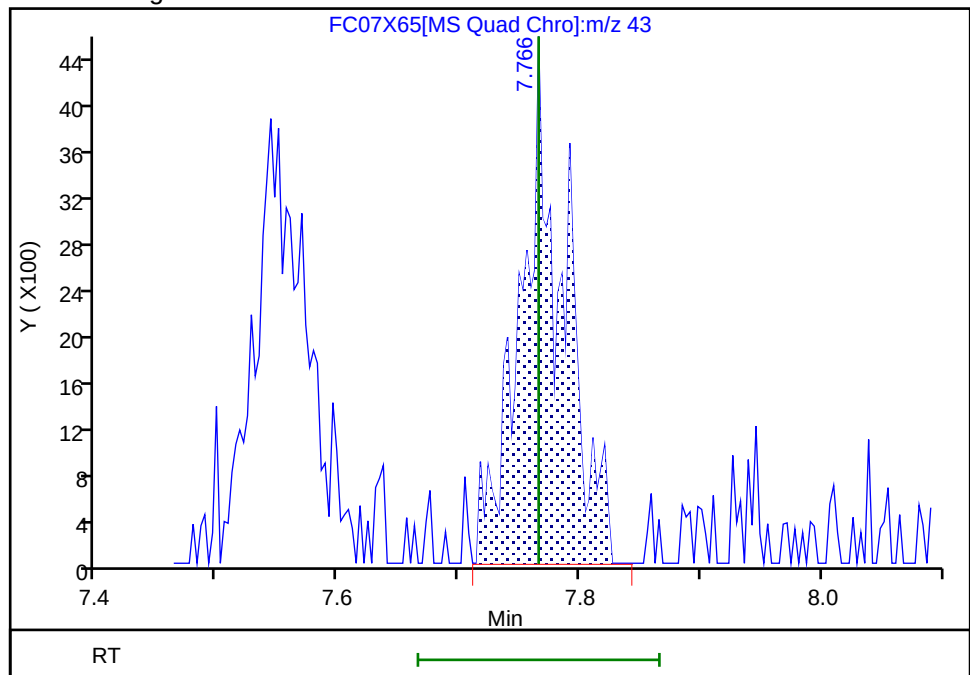
RT: 7.78
Area: 4593
Amount: 1.164291
Amount Units: ug/l

Processing Integration Results



RT: 7.77
Area: 11019
Amount: 0.997382
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

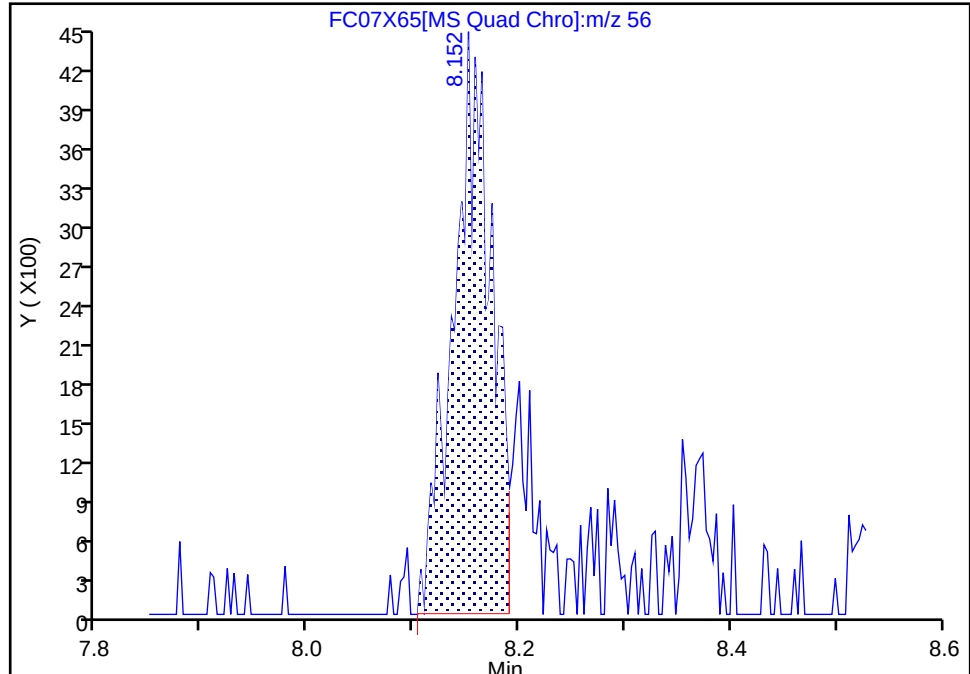
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

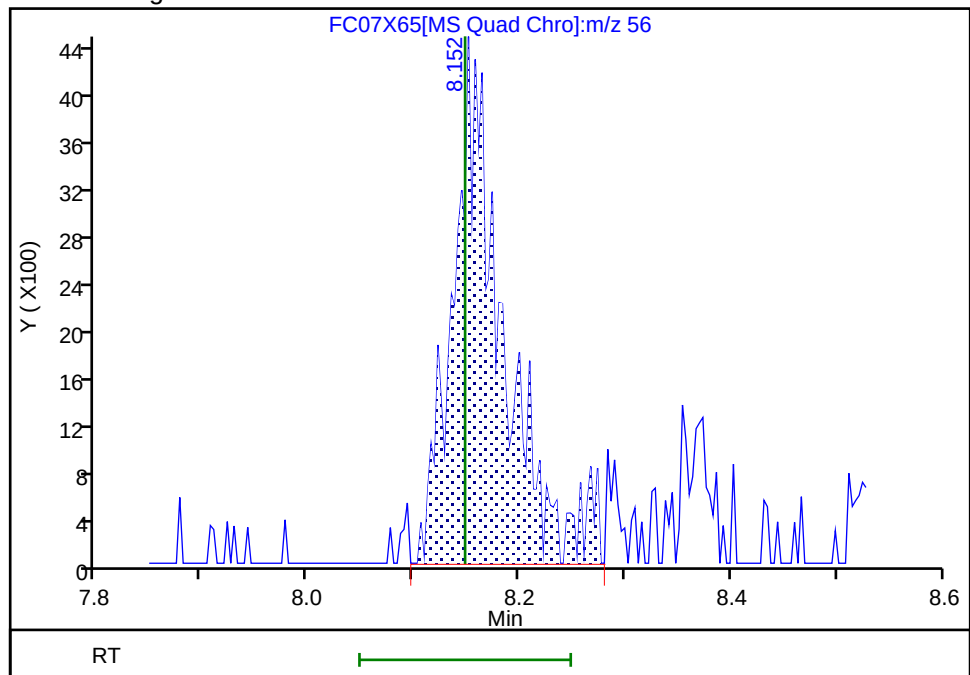
RT: 8.15
Area: 11002
Amount: 8.675494
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 14205
Amount: 10.557602
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:05:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

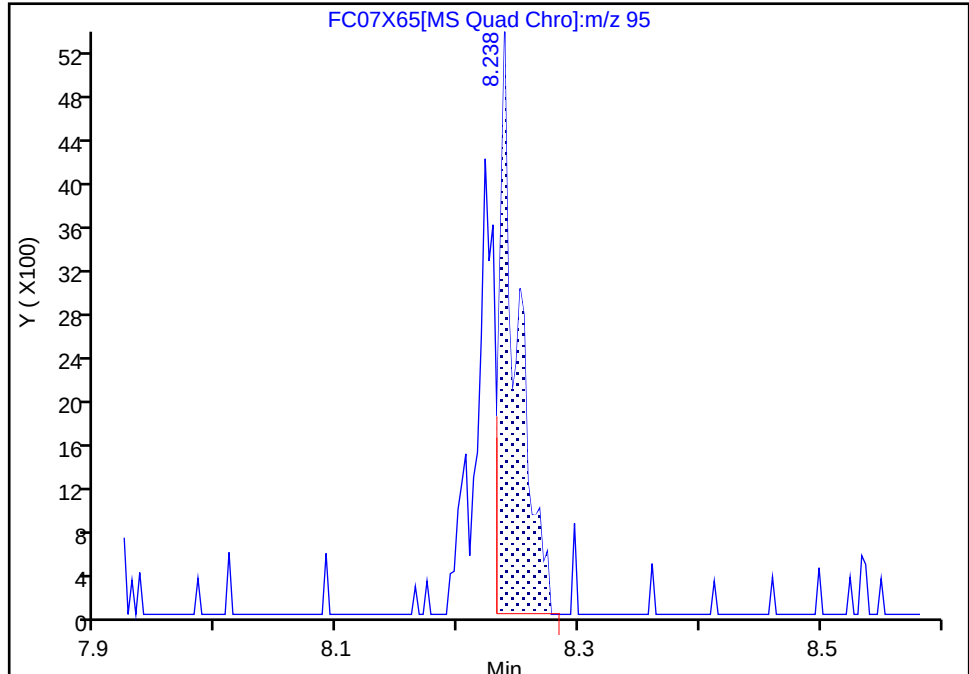
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Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

64 Trichloroethene, CAS: 79-01-6

Signal: 1

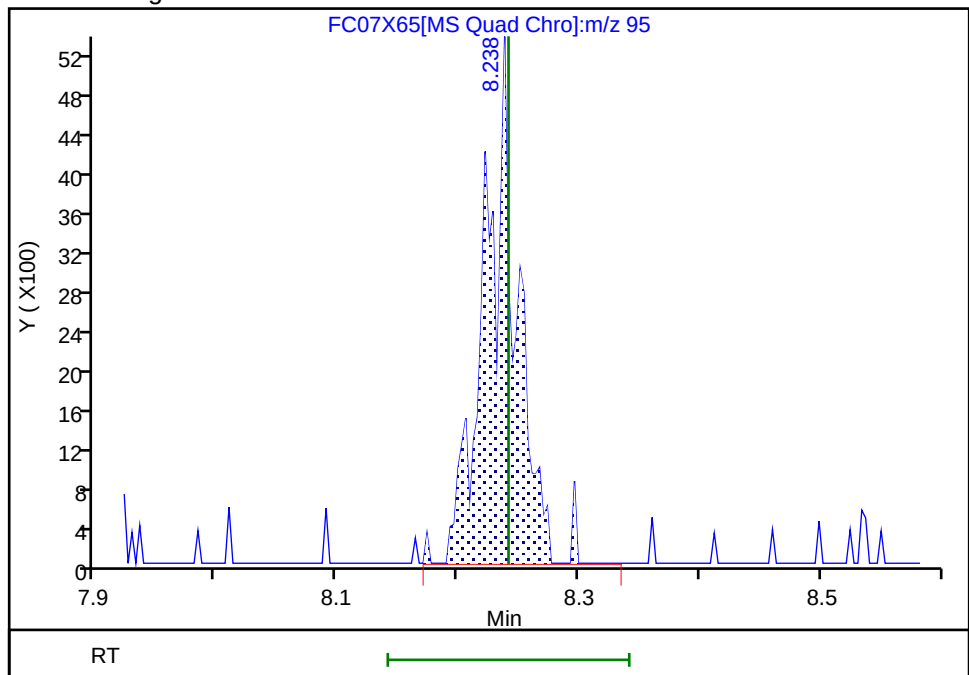
RT: 8.24
Area: 5576
Amount: 1.342310
Amount Units: ug/l

Processing Integration Results



RT: 8.24
Area: 9927
Amount: 0.895331
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:30:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

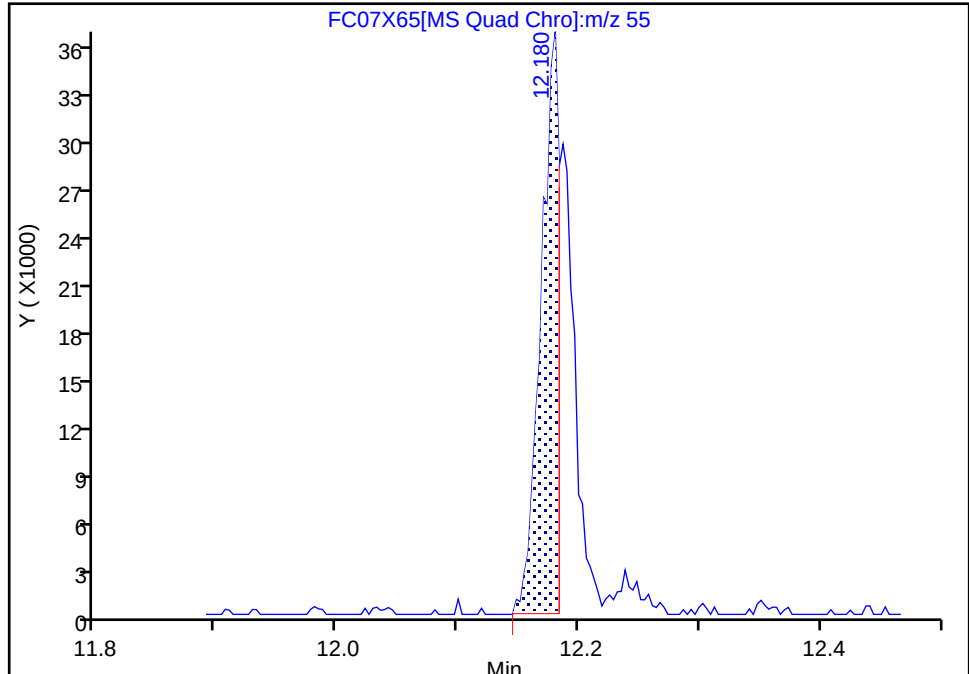
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X65.D
Injection Date: 07-Oct-2025 23:07:11 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: mcd07824 ALS Bottle#: 15 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

125 Cyclohexanone, CAS: 108-94-1

Signal: 1

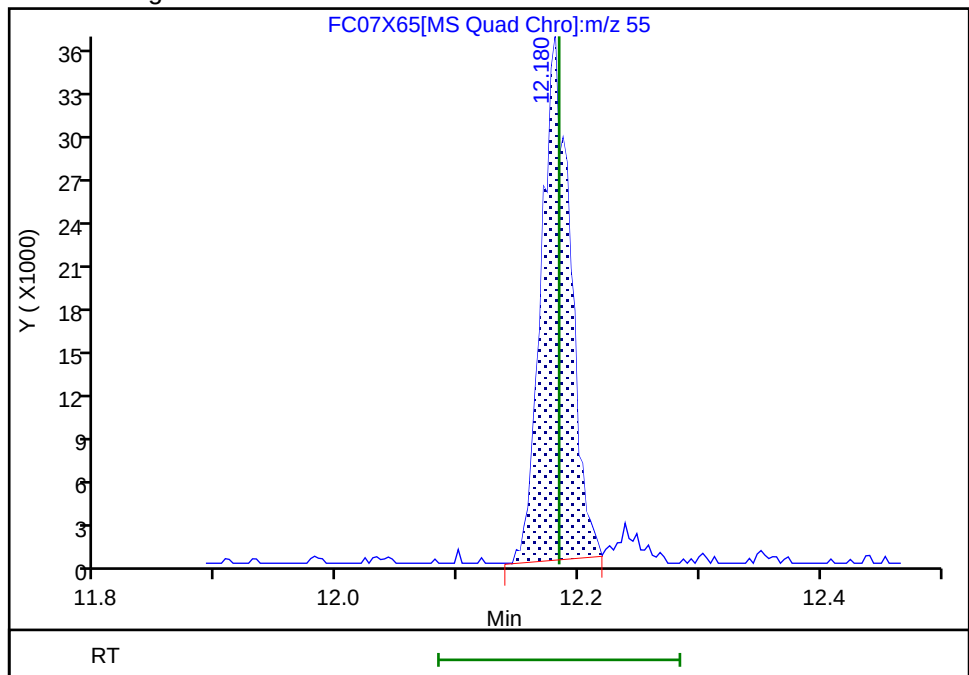
RT: 12.18
Area: 37469
Amount: 43.586555
Amount Units: ug/l

Processing Integration Results



RT: 12.18
Area: 59178
Amount: 34.303396
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:31:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X66.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 07-Oct-2025 23:29:59 ALS Bottle#: 16 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V4
 Misc. Info.: 410-0162303-013
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:39:45 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 08-Oct-2025 00:34:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.952	1.936	0.016	99	116901	4.00	4.25	
4 Chloromethane	50	2.145	2.133	0.012	99	146432	4.00	4.27	
5 Vinyl chloride	62	2.258	2.245	0.013	97	126414	4.00	4.19	
6 Butadiene	39	2.271	2.264	0.007	95	171091	4.00	4.82	
8 Bromomethane	94	2.608	2.589	0.019	88	76303	4.00	4.39	
9 Chloroethane	64	2.689	2.682	0.007	98	69933	4.00	4.30	
10 Dichlorofluoromethane	67	2.939	2.930	0.009	97	169843	4.00	4.24	
11 Trichlorofluoromethane	101	2.988	2.981	0.007	83	130568	4.00	4.29	
12 Pentane	43	3.033	3.014	0.019	95	154294	4.00	5.08	
14 Ethyl ether	59	3.251	3.242	0.009	95	67173	4.00	4.72	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	95	94598	4.00	4.33	
16 Acrolein	56	3.431	3.419	0.012	97	341017	39.0	42.3	
17 1,1-Dichloroethene	96	3.573	3.570	0.003	95	80930	4.00	4.97	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.595	3.586	0.009	90	82862	4.00	5.08	M
19 Acetone	58	3.602	3.596	0.006	97	47470	8.00	10.6	
21 Iodomethane	142	3.775	3.760	0.015	97	126491	4.00	4.74	
22 Isopropyl alcohol	45	3.811	3.798	0.013	89	101040	20.0	23.4	
23 Carbon disulfide	76	3.872	3.875	-0.003	99	234010	4.00	4.90	
24 Methyl acetate	43	4.033	4.030	0.003	77	98324	4.00	3.43	M
25 3-Chloro-1-propene	41	4.039	4.030	0.009	91	94822	4.00	4.19	
26 Methylene Chloride	84	4.248	4.242	0.006	87	68555	4.00	4.18	
* 27 t-Butyl alcohol-d10 (IS)	65	4.319	4.277	0.042	98	1976081	250.0	250.0	
28 2-Methyl-2-propanol	59	4.441	4.409	0.032	54	133265	20.0	19.7	
31 Acrylonitrile	53	4.611	4.592	0.019	98	127494	10.0	10.2	
33 Methyl tert-butyl ether	73	4.672	4.637	0.035	89	143173	4.00	3.89	
32 trans-1,2-Dichloroethene	96	4.653	4.640	0.013	96	62162	4.00	4.25	
34 Hexane	57	5.084	5.081	0.003	94	59102	4.00	4.07	
35 1,1-Dichloroethane	63	5.322	5.316	0.006	95	108631	4.00	4.14	
36 Isopropyl ether	45	5.399	5.390	0.009	91	155383	4.00	3.88	
37 2-Chloro-1,3-butadiene	53	5.438	5.428	0.010	89	75824	4.00	3.69	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.933	5.936	-0.003	96	131252	4.00	3.91	
41 2-Butanone (MEK)	43	6.139	6.142	-0.003	99	110302	8.00	7.07	
S 40 1,2-Dichloroethene, Total	100				0			8.19	
42 cis-1,2-Dichloroethene	96	6.168	6.161	0.007	85	63784	4.00	3.95	
43 2,2-Dichloropropane	77	6.174	6.190	-0.016	50	81757	4.00	4.06	M
44 Propionitrile	54	6.258	6.251	0.007	86	106052	20.0	18.8	
45 Methacrylonitrile	67	6.457	6.451	0.006	89	81099	10.0	9.18	
46 Chlorobromomethane	128	6.502	6.496	0.006	95	32523	4.00	4.24	
47 Tetrahydrofuran	71	6.515	6.515	0.000	92	78593	20.0	18.2	
48 Chloroform	83	6.650	6.647	0.003	93	97362	4.00	4.10	
\$ 49 Dibromofluoromethane (Surr)	113	6.868	6.862	0.006	93	684335	50.0	51.5	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	94	83470	4.00	4.12	M
51 Cyclohexane	56	6.968	6.968	0.000	92	92291	4.00	3.99	
52 1,1-Dichloropropene	75	7.094	7.084	0.010	93	67275	4.00	3.87	
53 Carbon tetrachloride	117	7.084	7.087	-0.003	88	69921	4.00	4.10	
56 Isobutyl alcohol	41	7.274	7.277	-0.003	85	89764	50.0	43.3	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.331	7.325	0.006	98	180847	50.0	52.1	
58 Benzene	78	7.360	7.351	0.009	92	213484	4.00	3.93	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	98	71529	4.00	4.24	
60 Tert-amyl methyl ether	73	7.560	7.554	0.006	96	124405	4.00	3.81	
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	99	2465042	50.0	50.0	
62 n-Heptane	43	7.778	7.766	0.012	63	48649	4.00	3.97	
63 n-Butanol	56	8.155	8.148	0.007	96	57380	50.0	41.6	M
64 Trichloroethene	95	8.238	8.242	-0.004	98	49950	4.00	4.06	
65 Methylcyclohexane	83	8.553	8.544	0.009	91	71468	4.00	3.83	
66 1,2-Dichloropropane	63	8.582	8.582	0.000	90	51428	4.00	3.94	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	89	57987	4.00	3.54	
68 Methyl methacrylate	69	8.672	8.672	0.000	90	36711	4.00	3.66	
70 1,4-Dioxane	88	8.669	8.679	-0.010	39	16773	50.0	38.2	
69 Dibromomethane	93	8.692	8.685	0.007	95	33163	4.00	4.15	
72 Dichlorobromomethane	83	8.923	8.920	0.003	98	57286	4.00	3.97	
73 2-Nitropropane	41	9.219	9.213	0.006	99	99720	20.0	17.6	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	90	21622	4.00	3.05	
76 cis-1,3-Dichloropropene	75	9.479	9.470	0.009	94	55017	4.00	3.52	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.656	0.007	97	171775	8.00	6.99	
\$ 79 Toluene-d8 (Surr)	98	9.785	9.782	0.003	94	2299674	50.0	49.6	
80 Toluene	92	9.855	9.859	-0.004	99	118291	4.00	3.96	
S 104 1,3-Dichloropropene, Total	100				0			7.19	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	94	49008	4.00	3.67	
106 Ethyl methacrylate	69	10.180	10.180	0.000	90	54557	4.00	3.57	
107 1,1,2-Trichloroethane	97	10.325	10.322	0.003	91	38519	4.00	3.86	
108 Tetrachloroethene	166	10.405	10.399	0.006	95	48578	4.00	4.11	
109 1,3-Dichloropropane	76	10.482	10.483	-0.001	92	61786	4.00	3.80	
110 2-Hexanone	43	10.540	10.541	-0.001	97	123307	8.00	7.11	
111 Chlorodibromomethane	129	10.695	10.695	0.000	91	36954	4.00	3.55	
112 Ethylene Dibromide	107	10.807	10.801	0.006	98	37092	4.00	3.88	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	86	1638082	50.0	50.0	
S 116 Xylenes, Total	106				0			11.3	
114 1-Chlorohexane	91	11.251	11.248	0.003	45	51365	4.00	3.96	
115 Chlorobenzene	112	11.264	11.264	0.000	95	122751	4.00	3.94	
117 1,1,1,2-Tetrachloroethane	131	11.347	11.348	-0.001	45	46280	4.00	3.89	
118 Ethylbenzene	91	11.351	11.351	0.000	98	206830	4.00	3.86	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.466	11.467	-0.001	98	158502	8.00	7.54	
120 o-Xylene	106	11.798	11.798	0.000	96	80711	4.00	3.73	
121 Styrene	104	11.814	11.811	0.003	93	113085	4.00	3.55	
122 Bromoform	173	11.968	11.965	0.003	93	28088	4.00	3.84	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	190840	4.00	3.77	
125 Cyclohexanone	55	12.180	12.184	-0.004	93	329419	200.0	186.2	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	895456	50.0	53.5	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.348	-0.001	95	87111	4.00	3.96	
128 Bromobenzene	156	12.360	12.357	0.003	96	51806	4.00	3.82	
129 trans-1,4-Dichloro-2-butene	53	12.376	12.373	0.003	82	33629	10.0	19.0	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	84	29706	4.00	4.09	
131 N-Propylbenzene	91	12.425	12.428	-0.003	98	249076	4.00	3.89	
132 2-Chlorotoluene	126	12.502	12.505	-0.003	97	51303	4.00	3.72	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	147196	4.00	3.19	
134 4-Chlorotoluene	126	12.598	12.598	0.000	96	51227	4.00	3.99	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	94	24364	4.00	5.48	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	147659	4.00	3.17	
137 sec-Butylbenzene	105	12.971	12.975	-0.004	94	164840	4.00	3.17	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	97	96229	4.00	3.94	
139 4-Isopropyltoluene	119	13.080	13.084	-0.004	96	136864	4.00	3.05	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.129	0.000	95	1017456	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	97785	4.00	3.89	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	167587	4.00	3.56	
143 Benzyl chloride	91	13.228	13.225	0.003	98	121075	4.00	3.52	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	94	81840	4.00	3.13	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	92	86803	4.00	3.12	
146 n-Butylbenzene	92	13.376	13.376	0.000	97	74568	4.00	3.39	
147 1,2-Dichlorobenzene	146	13.412	13.409	0.003	98	100106	4.00	3.83	
148 o-diethylbenzene	119	13.428	13.431	-0.003	97	71701	4.00	3.09	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.955	-0.003	80	27115	4.00	3.80	
150 1,3,5-Trichlorobenzene	180	14.080	14.077	0.003	95	56127	4.00	3.62	
151 1,2,4-Trichlorobenzene	180	14.508	14.505	0.003	92	54854	4.00	3.68	
152 Hexachlorobutadiene	225	14.592	14.592	0.000	96	21684	4.00	3.58	
153 Naphthalene	128	14.688	14.692	-0.004	97	214543	4.00	3.35	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	55211	4.00	3.42	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	93	83485	4.00	5.19	
S 156 Total Diethylbenzene	1				0			9.34	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 32.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:39:46

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X66.D

Injection Date: 07-Oct-2025 23:29:59

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

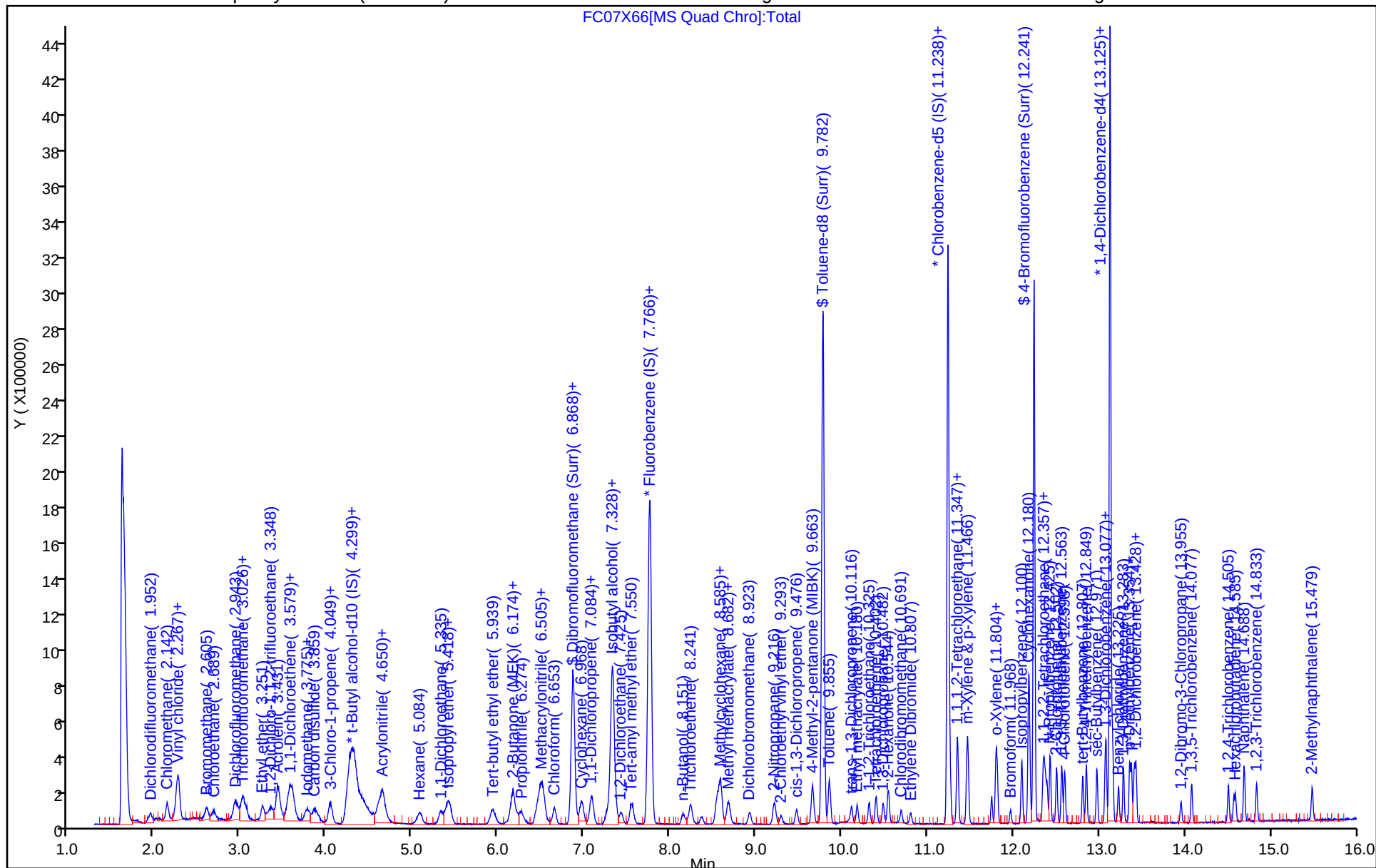
ALS Bottle#: 16

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

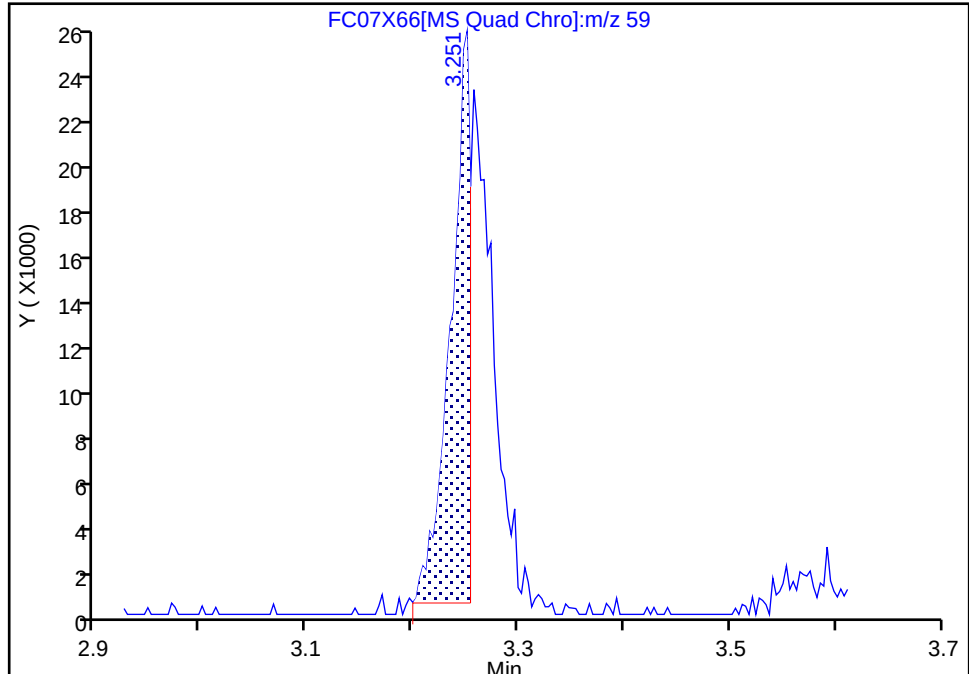
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

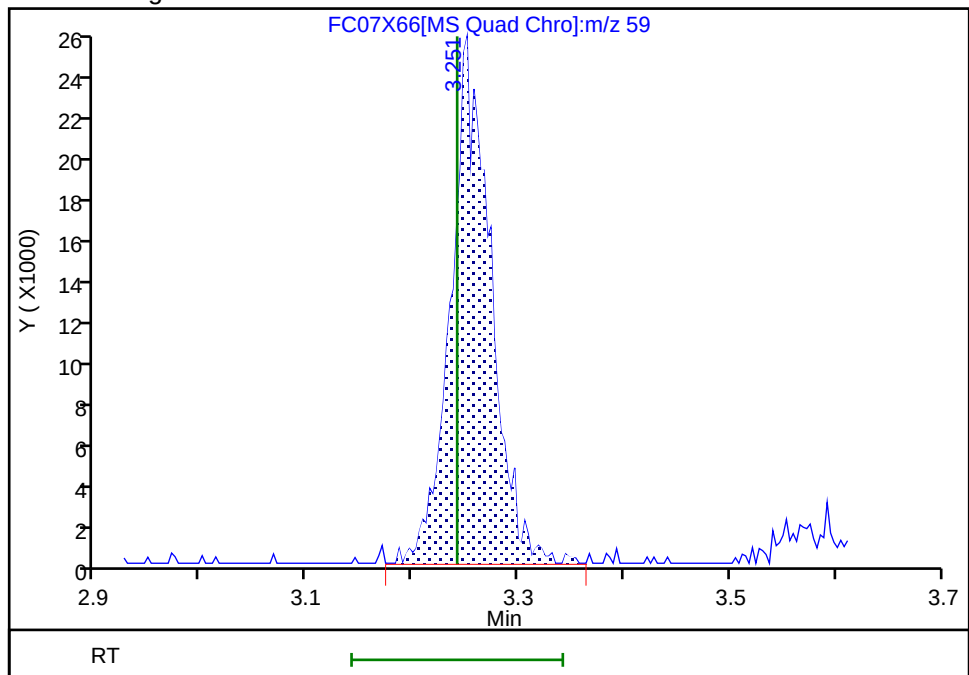
RT: 3.25
Area: 32025
Amount: 2.491417
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 67173
Amount: 4.723789
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:31:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

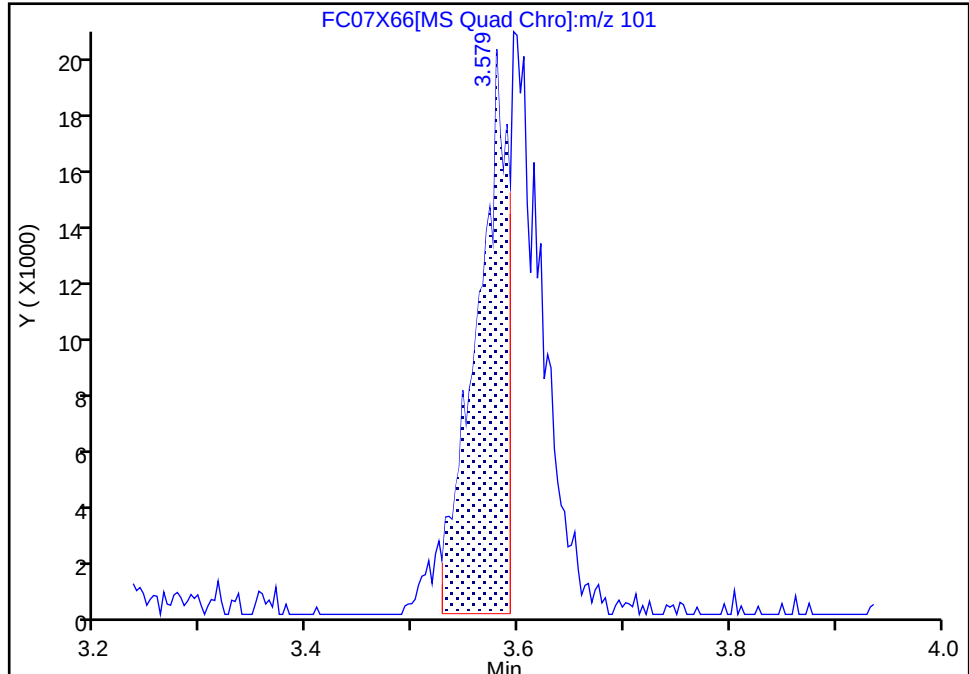
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

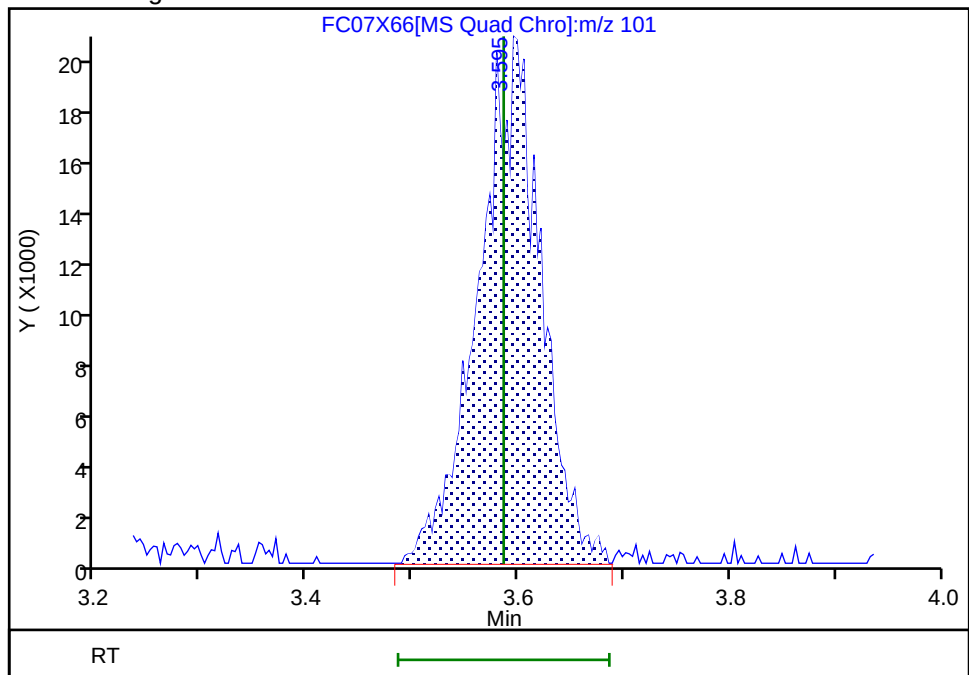
RT: 3.58
Area: 40648
Amount: 2.803777
Amount Units: ug/l

Processing Integration Results



RT: 3.60
Area: 82862
Amount: 5.079724
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:31:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

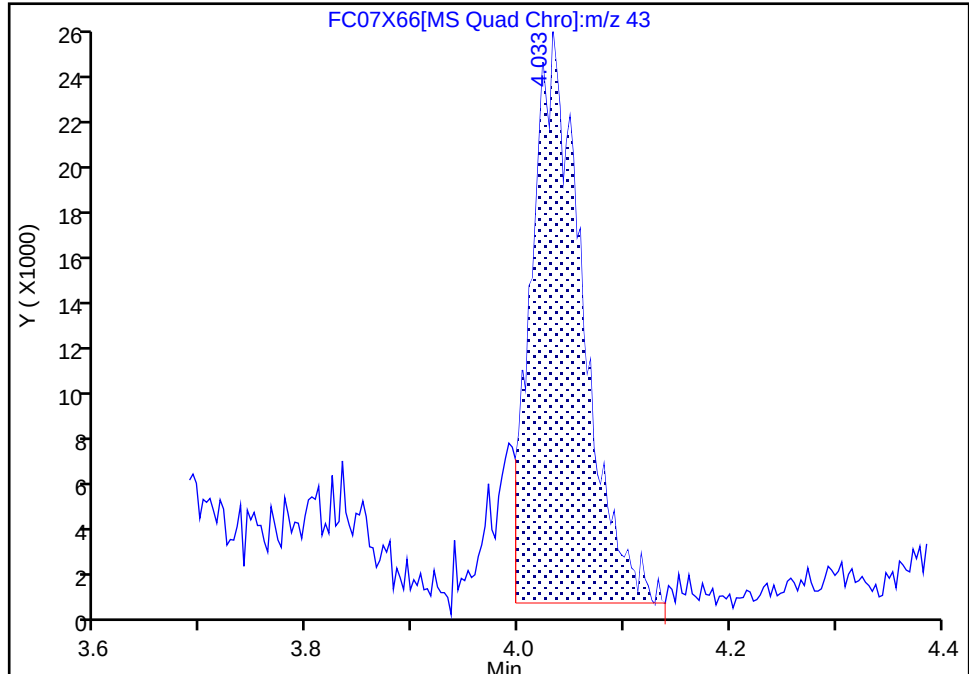
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Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

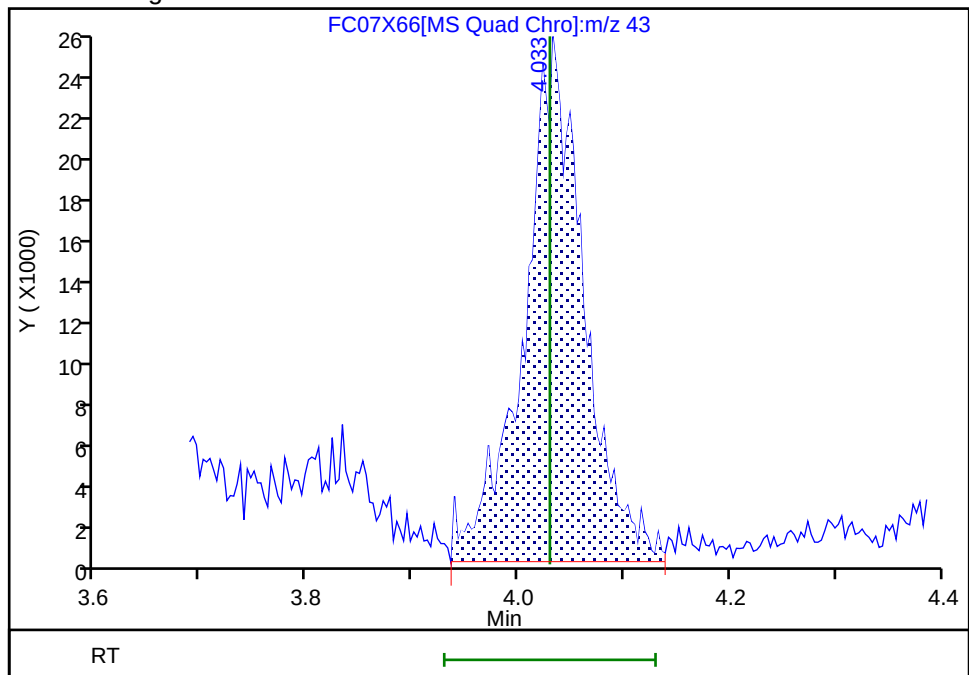
RT: 4.03
Area: 81651
Amount: 2.891992
Amount Units: ug/l

Processing Integration Results



RT: 4.03
Area: 98324
Amount: 3.432215
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:32:18 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

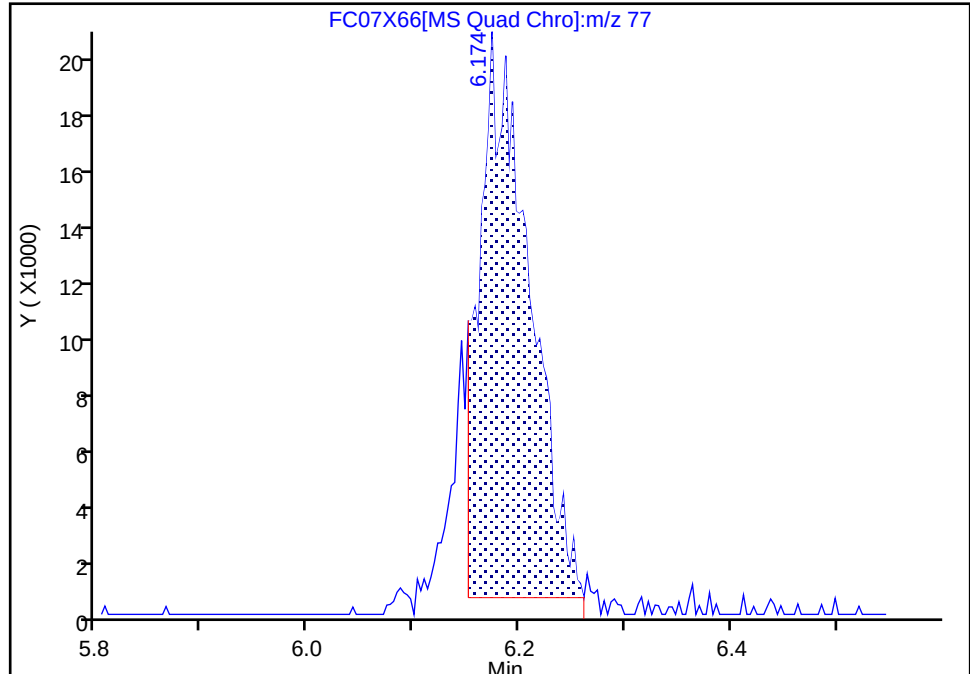
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

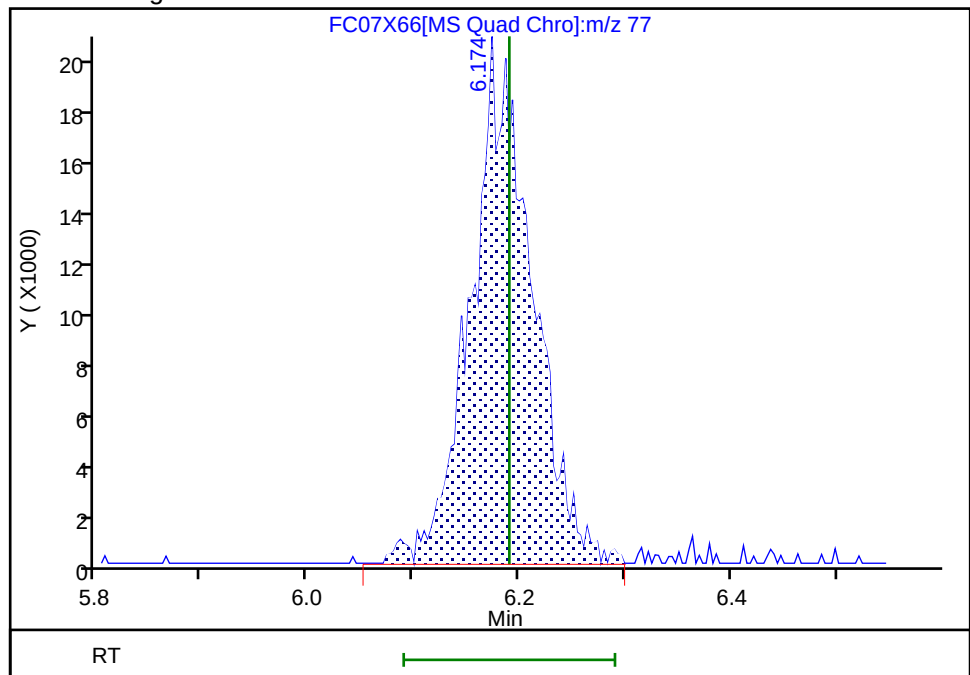
RT: 6.17
Area: 65493
Amount: 3.431977
Amount Units: ug/l

Processing Integration Results



RT: 6.17
Area: 81757
Amount: 4.059521
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:32:34 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

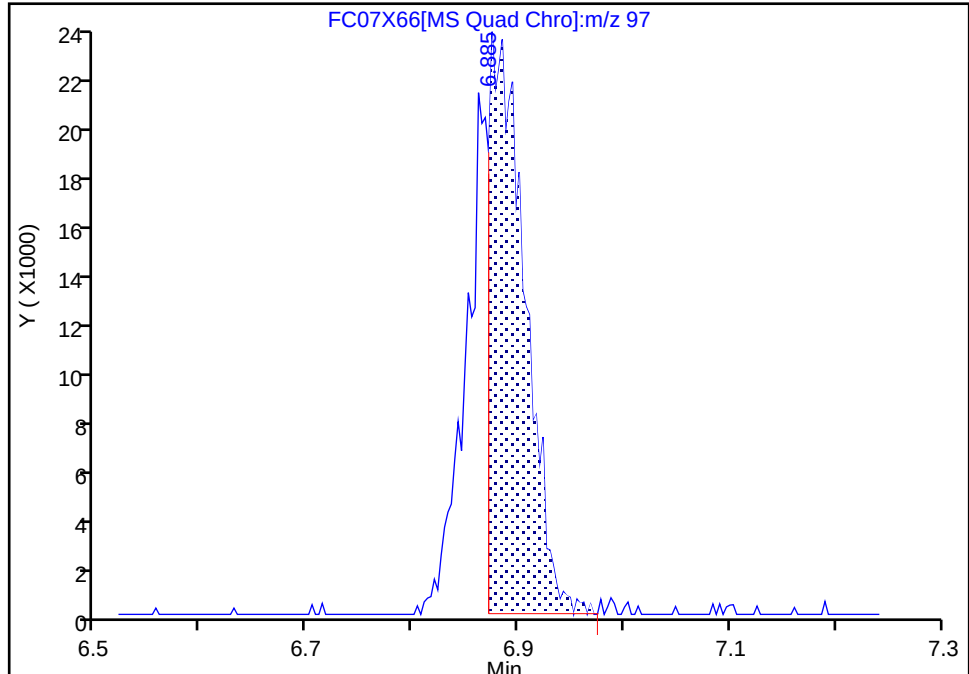
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Injection Date: 07-Oct-2025 23:29:59 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: mcd07824 ALS Bottle#: 16 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

50 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

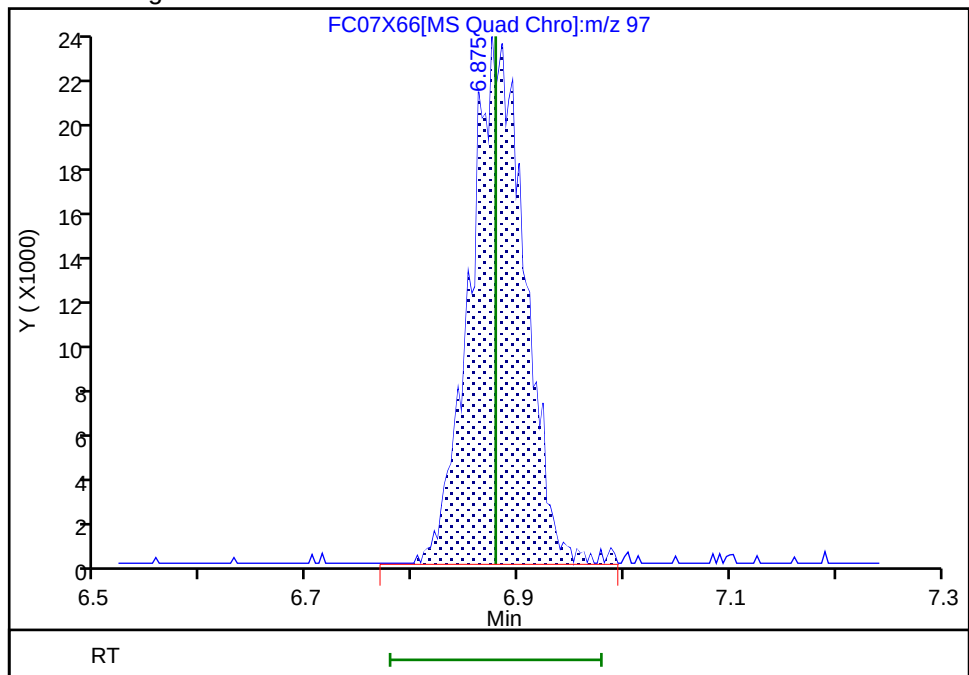
RT: 6.88
Area: 54620
Amount: 2.934049
Amount Units: ug/l

Processing Integration Results



RT: 6.87
Area: 83470
Amount: 4.117101
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 08-Oct-2025 00:32:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X66.D

Injection Date: 07-Oct-2025 23:29:59

Instrument ID: 15830

Lims ID: IC v4

Client ID:

Operator ID: mcd07824

ALS Bottle#:

16

Worklist Smp#: 13

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: MSVoa_15830_PT2

Limit Group:

MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

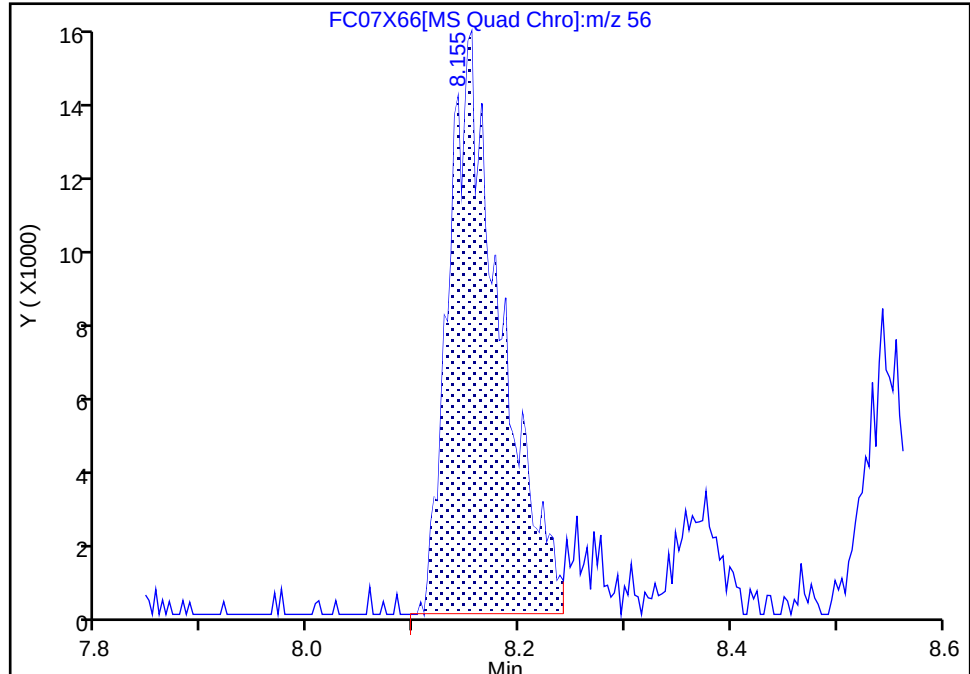
MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

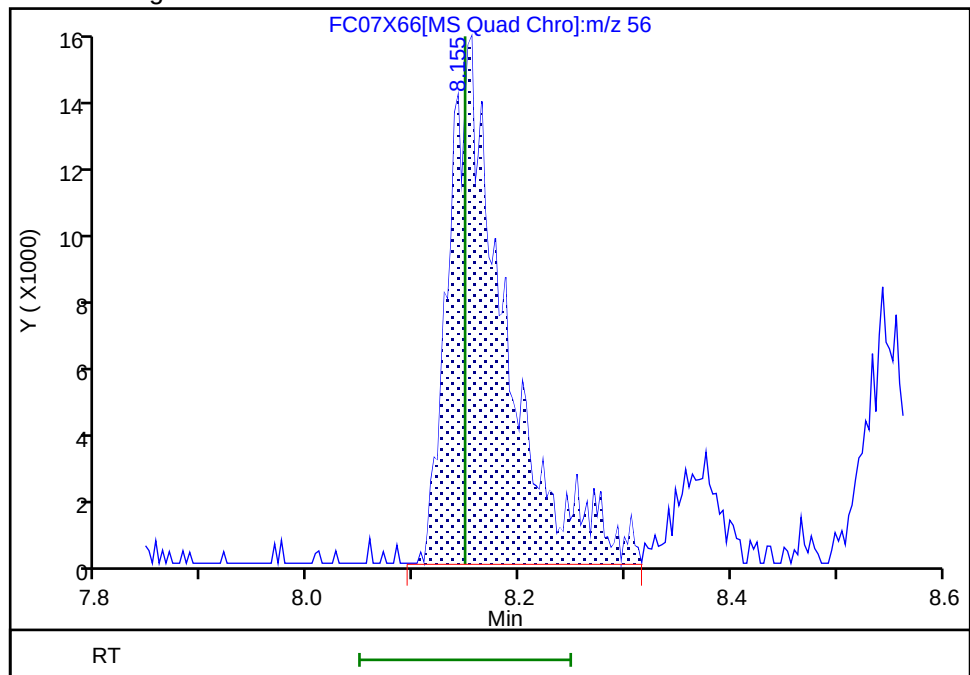
RT: 8.15
Area: 52520
Amount: 38.866503
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 57380
Amount: 41.582742
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:05:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 07-Oct-2025 23:52:36 ALS Bottle#: 17 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V10
 Misc. Info.: 410-0162303-014
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:39:55 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: ULCP

Date: 08-Oct-2025 05:43:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.943	1.936	0.007	99	379951	10.0	10.4	
4 Chloromethane	50	2.132	2.133	-0.001	99	459393	10.0	10.1	
5 Vinyl chloride	62	2.242	2.245	-0.003	98	399737	10.0	10.0	
6 Butadiene	39	2.261	2.264	-0.003	97	527662	10.0	11.2	
8 Bromomethane	94	2.592	2.589	0.003	92	230044	10.0	10.0	
9 Chloroethane	64	2.682	2.682	0.000	99	220126	10.0	10.2	
10 Dichlorofluoromethane	67	2.930	2.930	0.000	97	543947	10.0	10.3	
11 Trichlorofluoromethane	101	2.978	2.981	-0.003	90	416979	10.0	10.4	
12 Pentane	43	3.023	3.014	0.009	98	488325	10.0	12.7	
14 Ethyl ether	59	3.235	3.242	-0.007	96	180258	10.0	9.59	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	94	305934	10.0	10.6	
16 Acrolein	56	3.428	3.419	0.009	100	1008353	97.6	90.2	
17 1,1-Dichloroethene	96	3.554	3.570	-0.016	92	212009	10.0	9.85	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	93	225284	10.0	10.4	
19 Acetone	58	3.605	3.596	0.009	99	109781	20.0	17.6	
21 Iodomethane	142	3.763	3.760	0.003	98	346959	10.0	9.83	
22 Isopropyl alcohol	45	3.804	3.798	0.006	97	319732	50.0	53.4	M
23 Carbon disulfide	76	3.869	3.875	-0.006	100	749961	10.0	11.9	
24 Methyl acetate	43	4.023	4.030	-0.007	99	353093	10.0	11.9	
25 3-Chloro-1-propene	41	4.039	4.030	0.009	92	373196	10.0	12.5	
26 Methylene Chloride	84	4.238	4.242	-0.004	95	248432	10.0	11.4	
* 27 t-Butyl alcohol-d10 (IS)	65	4.287	4.277	0.010	97	2740788	250.0	250.0	
28 2-Methyl-2-propanol	59	4.399	4.409	-0.010	74	551338	50.0	58.7	
31 Acrylonitrile	53	4.592	4.592	0.000	98	483678	25.0	29.4	
33 Methyl tert-butyl ether	73	4.660	4.637	0.023	91	549865	10.0	11.3	
32 trans-1,2-Dichloroethene	96	4.637	4.640	-0.003	96	221012	10.0	11.4	
34 Hexane	57	5.078	5.081	-0.003	92	235834	10.0	12.3	
35 1,1-Dichloroethane	63	5.319	5.316	0.003	97	401210	10.0	11.6	
36 Isopropyl ether	45	5.393	5.390	0.003	94	610699	10.0	11.5	
37 2-Chloro-1,3-butadiene	53	5.422	5.428	-0.006	94	309584	10.0	11.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	97	486182	10.0	10.9	
41 2-Butanone (MEK)	43	6.142	6.142	0.000	100	457155	20.0	22.2	
S 40 1,2-Dichloroethene, Total	100				0			22.1	
42 cis-1,2-Dichloroethene	96	6.158	6.161	-0.003	83	229051	10.0	10.7	
43 2,2-Dichloropropane	77	6.174	6.190	-0.016	89	296254	10.0	11.1	
44 Propionitrile	54	6.258	6.251	0.007	96	421943	50.0	54.0	
45 Methacrylonitrile	67	6.463	6.451	0.012	94	320928	25.0	27.5	
46 Chlorobromomethane	128	6.499	6.496	0.003	95	107230	10.0	10.6	
47 Tetrahydrofuran	71	6.515	6.515	0.000	92	308755	50.0	51.7	
48 Chloroform	83	6.650	6.647	0.003	94	361186	10.0	11.5	
\$ 49 Dibromofluoromethane (Surr)	113	6.869	6.862	0.006	93	902649	50.0	51.4	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	94	304157	10.0	11.3	
51 Cyclohexane	56	6.965	6.968	-0.003	94	369589	10.0	12.1	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	93	259869	10.0	11.3	
53 Carbon tetrachloride	117	7.081	7.087	-0.006	81	261256	10.0	11.6	
56 Isobutyl alcohol	41	7.277	7.277	0.000	94	388259	125.0	135.0	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	98	229523	50.0	50.1	
58 Benzene	78	7.351	7.351	0.000	95	816904	10.0	11.4	
59 1,2-Dichloroethane	62	7.425	7.428	-0.003	96	259326	10.0	11.6	
60 Tert-amyl methyl ether	73	7.550	7.554	-0.004	94	478084	10.0	11.1	
* 61 Fluorobenzene (IS)	96	7.762	7.759	0.003	98	3258431	50.0	50.0	
62 n-Heptane	43	7.769	7.766	0.003	41	204043	10.0	12.6	
63 n-Butanol	56	8.148	8.148	0.000	95	229532	125.0	119.9	M
64 Trichloroethene	95	8.238	8.242	-0.004	98	184693	10.0	11.4	
65 Methylcyclohexane	83	8.553	8.544	0.009	94	285426	10.0	11.6	
66 1,2-Dichloropropane	63	8.579	8.582	-0.003	79	206126	10.0	12.0	
67 2-ethoxy-2-methyl butane	87	8.589	8.586	0.003	90	230202	10.0	10.6	
68 Methyl methacrylate	69	8.676	8.672	0.004	93	144883	10.0	10.9	
70 1,4-Dioxane	88	8.682	8.679	0.003	46	81040	125.0	133.1	
69 Dibromomethane	93	8.688	8.685	0.003	90	118166	10.0	11.2	
72 Dichlorobromomethane	83	8.923	8.920	0.003	98	216624	10.0	11.4	
73 2-Nitropropane	41	9.209	9.213	-0.004	99	419679	50.0	53.5	
74 2-Chloroethyl vinyl ether	63	9.290	9.293	-0.003	90	92039	10.0	9.83	
76 cis-1,3-Dichloropropene	75	9.473	9.470	0.003	93	219647	10.0	10.6	
78 4-Methyl-2-pentanone (MIBK)	43	9.659	9.656	0.003	99	732166	20.0	22.5	
\$ 79 Toluene-d8 (Surr)	98	9.778	9.782	-0.004	94	3109609	50.0	52.4	
80 Toluene	92	9.856	9.859	-0.003	98	430791	10.0	11.3	
S 104 1,3-Dichloropropene, Total	100				0			21.7	
105 trans-1,3-Dichloropropene	75	10.113	10.116	-0.003	95	188857	10.0	11.1	
106 Ethyl methacrylate	69	10.180	10.180	0.000	91	210177	10.0	10.8	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	92	144980	10.0	11.4	
108 Tetrachloroethene	166	10.402	10.399	0.003	95	157784	10.0	10.4	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	95	240866	10.0	11.6	
110 2-Hexanone	43	10.540	10.541	-0.001	98	512154	20.0	23.1	
111 Chlorodibromomethane	129	10.692	10.695	-0.003	90	145000	10.0	10.9	
112 Ethylene Dibromide	107	10.804	10.801	0.003	99	136700	10.0	11.2	
* 113 Chlorobenzene-d5 (IS)	117	11.235	11.235	0.000	88	2093335	50.0	50.0	
S 116 Xylenes, Total	106				0			33.1	
114 1-Chlorohexane	91	11.245	11.248	-0.003	56	182455	10.0	11.0	
115 Chlorobenzene	112	11.264	11.264	0.000	94	442055	10.0	11.1	
117 1,1,1,2-Tetrachloroethane	131	11.344	11.348	-0.004	92	160609	10.0	10.6	
118 Ethylbenzene	91	11.351	11.351	0.000	99	801568	10.0	11.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.466	11.467	-0.001	99	593880	20.0	22.1	
120 o-Xylene	106	11.794	11.798	-0.004	97	302871	10.0	10.9	
121 Styrene	104	11.807	11.811	-0.004	94	446068	10.0	11.0	
122 Bromoform	173	11.968	11.965	0.003	94	95761	10.0	10.3	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	727412	10.0	11.3	
125 Cyclohexanone	55	12.177	12.184	-0.007	95	655125	250.0	267.0	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	85	1142953	50.0	53.4	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	94	305855	10.0	11.5	
128 Bromobenzene	156	12.360	12.357	0.003	97	172364	10.0	10.5	
129 trans-1,4-Dichloro-2-butene	53	12.370	12.373	-0.003	85	142101	25.0	33.2	
130 1,2,3-Trichloropropane	110	12.392	12.393	-0.001	84	96804	10.0	11.0	
131 N-Propylbenzene	91	12.431	12.428	0.003	99	923352	10.0	11.9	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	176638	10.0	10.6	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	575783	10.0	10.4	
134 4-Chlorotoluene	126	12.595	12.598	-0.003	98	169387	10.0	10.9	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	94	95854	10.0	10.4	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	577448	10.0	10.3	
137 sec-Butylbenzene	105	12.974	12.975	-0.001	95	673538	10.0	10.7	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	309762	10.0	10.5	
139 4-Isopropyltoluene	119	13.080	13.084	-0.004	97	548881	10.0	10.1	
* 140 1,4-Dichlorobenzene-d4	152	13.125	13.129	-0.004	97	1227916	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.142	13.145	-0.003	96	317001	10.0	10.5	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	628445	10.0	11.0	
143 Benzyl chloride	91	13.225	13.225	0.000	99	436976	10.0	10.5	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	317925	10.0	10.1	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	93	338199	10.0	10.1	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	303649	10.0	11.4	
147 1,2-Dichlorobenzene	146	13.408	13.409	-0.001	96	334958	10.0	10.6	
148 o-diethylbenzene	119	13.428	13.431	-0.003	96	282261	10.0	10.1	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	78	96908	10.0	11.3	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	96	182908	10.0	9.76	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	93	169968	10.0	9.45	
152 Hexachlorobutadiene	225	14.588	14.592	-0.004	95	64126	10.0	8.77	
153 Naphthalene	128	14.688	14.692	-0.004	97	799637	10.0	10.4	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	93	188029	10.0	9.66	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	92	294659	10.0	9.21	
S 156 Total Diethylbenzene	1				0			30.2	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 2.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 1.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 2.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:39:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D

Injection Date: 07-Oct-2025 23:52:36

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v10

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

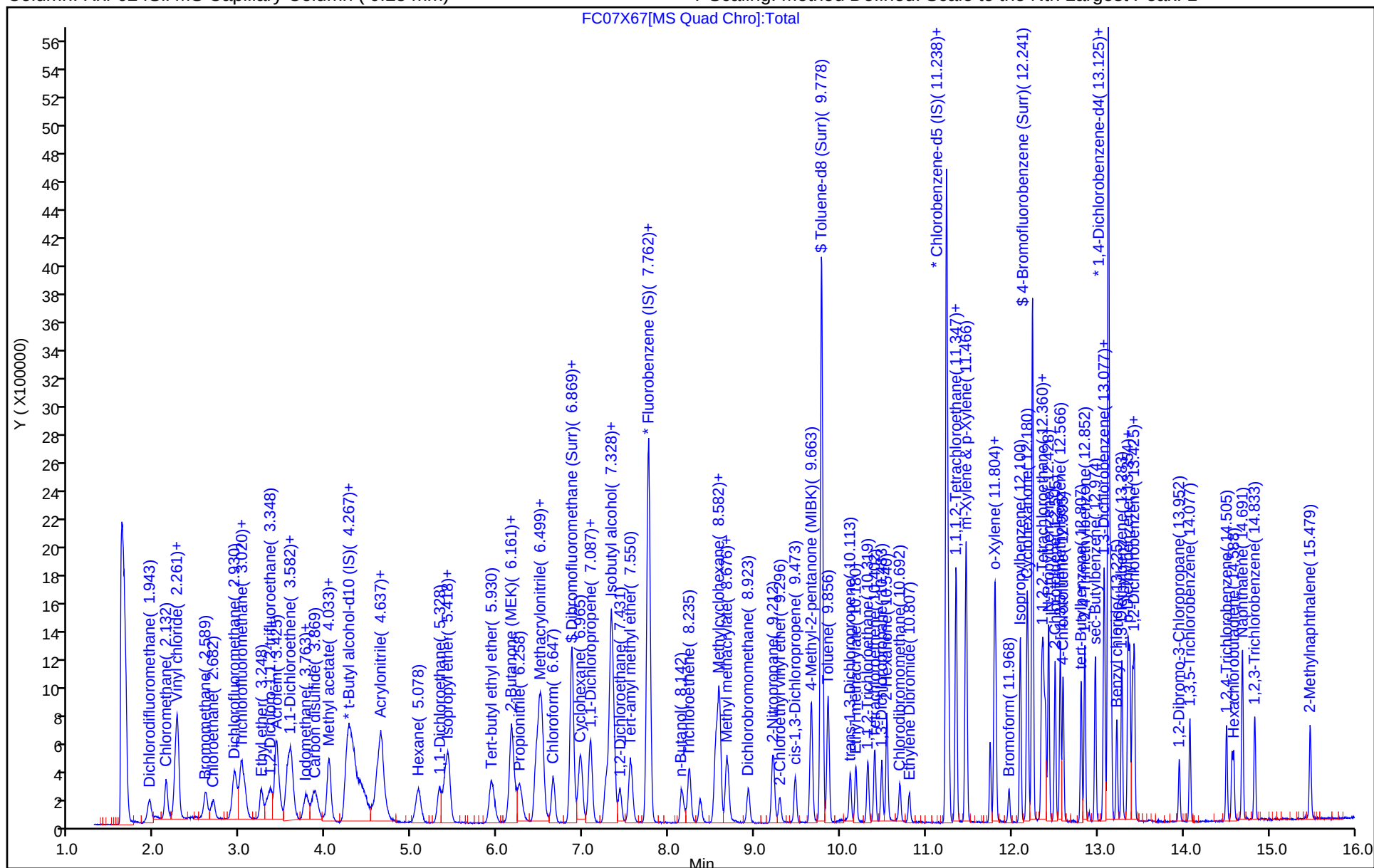
ALS Bottle#: 17

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

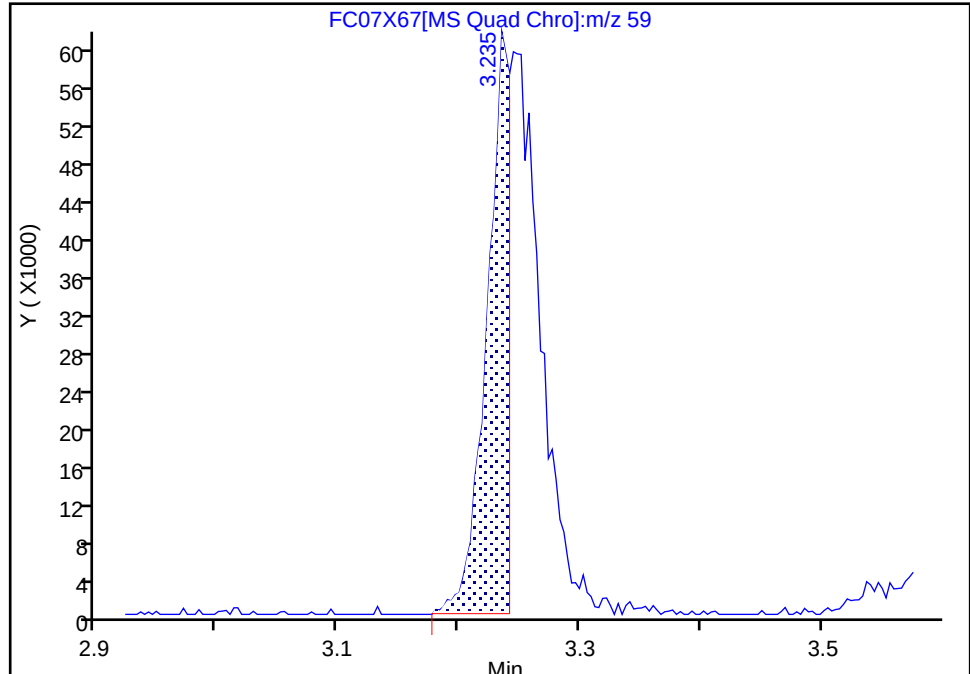
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Injection Date: 07-Oct-2025 23:52:36 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: mcd07824 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

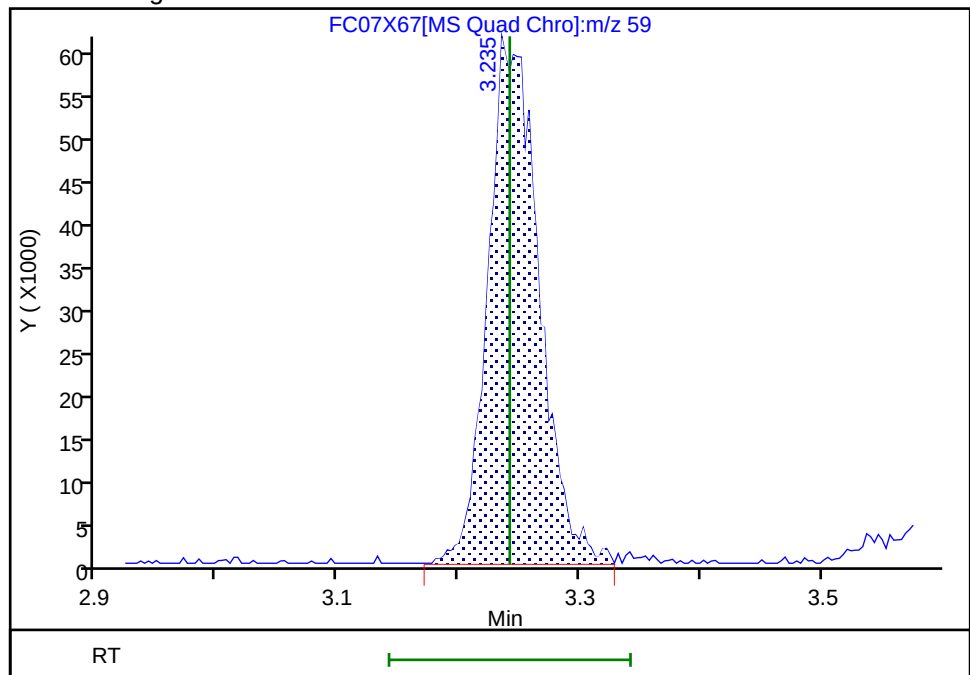
RT: 3.24
Area: 80963
Amount: 4.658677
Amount Units: ug/l

Processing Integration Results



RT: 3.24
Area: 180258
Amount: 9.589724
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:26:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

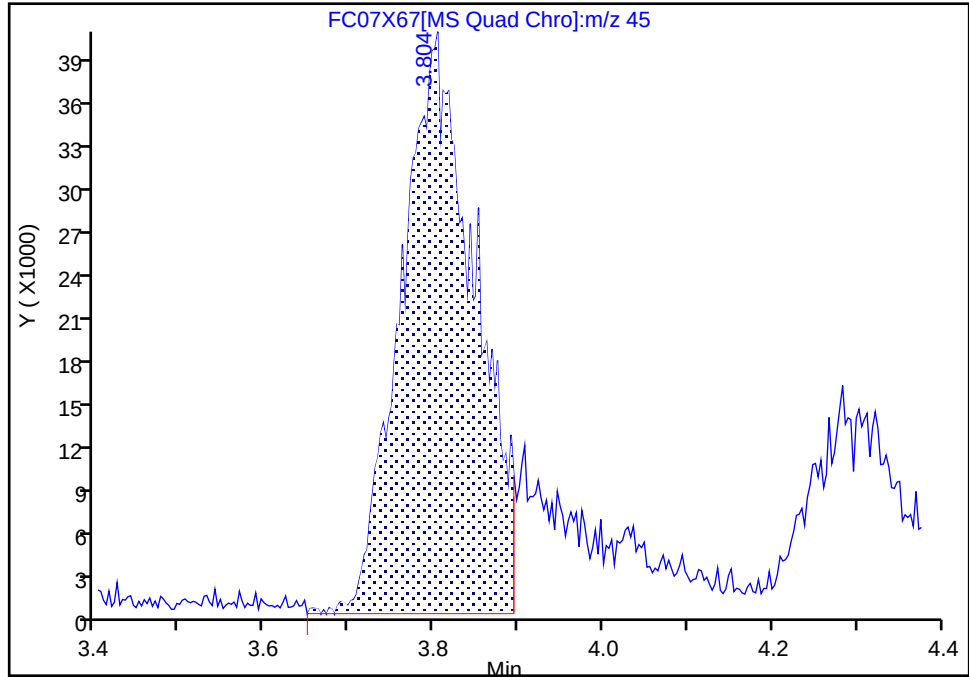
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Injection Date: 07-Oct-2025 23:52:36 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: mcd07824 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

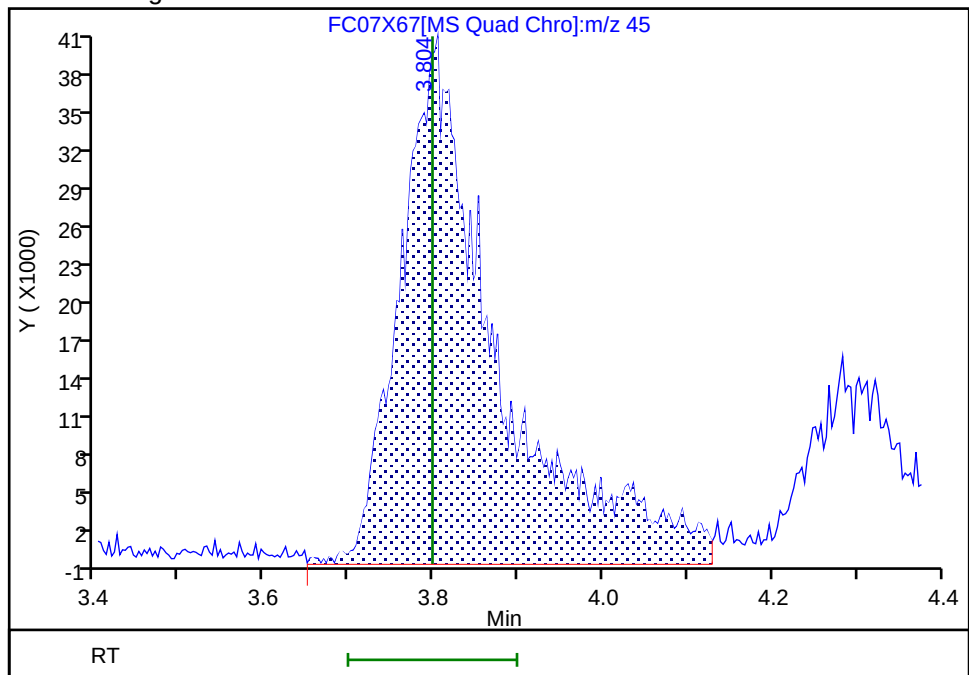
RT: 3.80
Area: 245655
Amount: 38.682909
Amount Units: ug/l

Processing Integration Results



RT: 3.80
Area: 319732
Amount: 53.369772
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 05:27:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

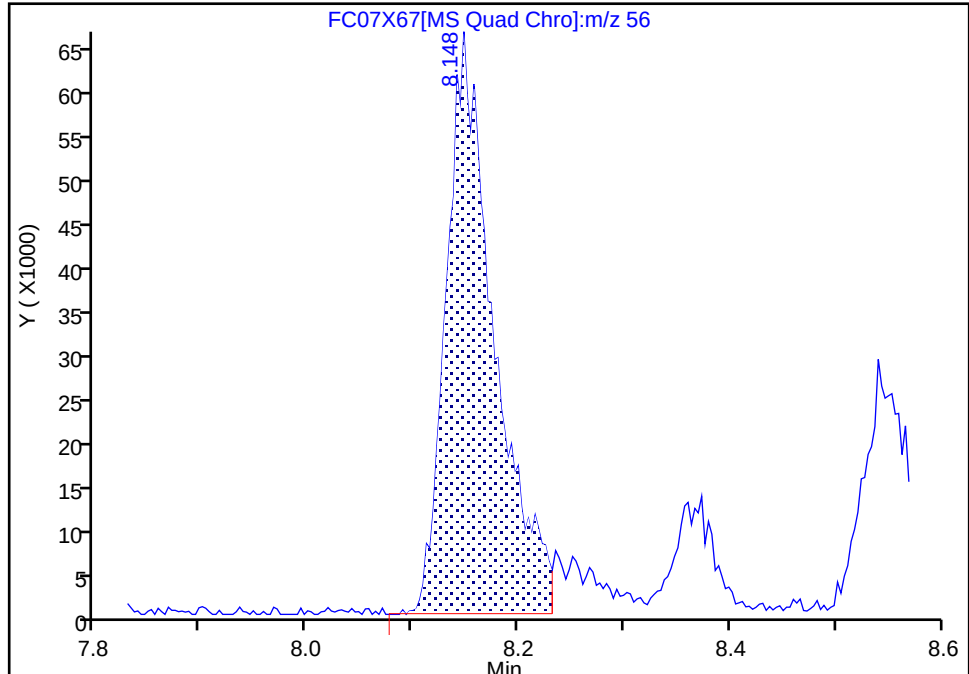
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Injection Date: 07-Oct-2025 23:52:36 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: mcd07824 ALS Bottle#: 17 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

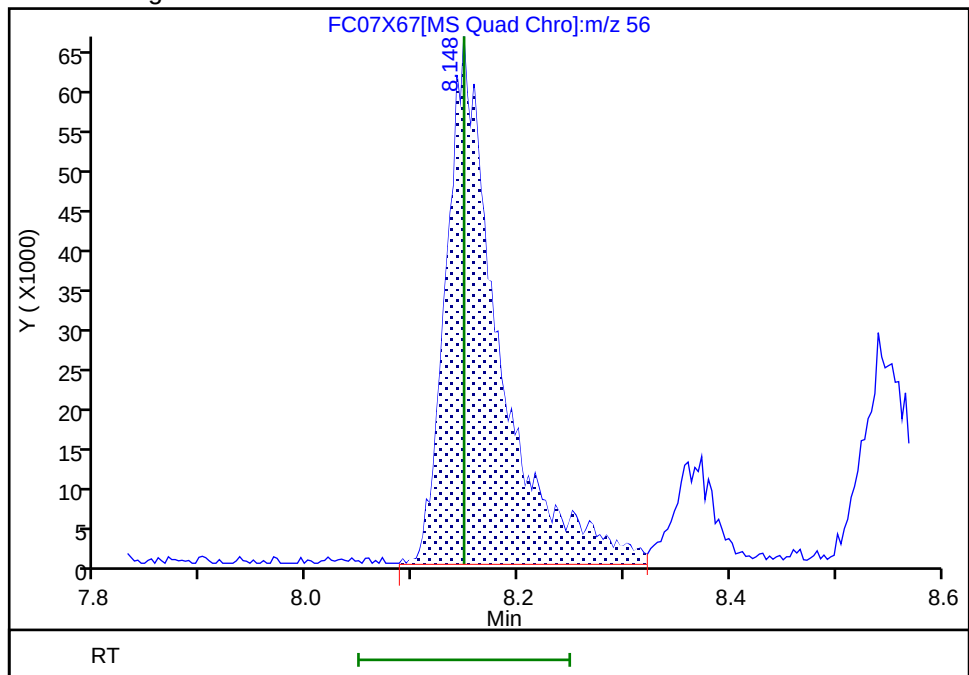
RT: 8.15
Area: 209830
Amount: 113.3174
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 229532
Amount: 119.9293
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:04:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X55.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 07-Oct-2025 18:13:04 ALS Bottle#: 5 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V20
 Misc. Info.: 410-0162303-015
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:05 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 19:37:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.939	1.936	0.003	99	402034	20.0	16.3	
4 Chloromethane	50	2.129	2.133	-0.004	99	574877	20.0	18.7	
5 Vinyl chloride	62	2.248	2.245	0.003	98	482772	20.0	17.8	
6 Butadiene	39	2.261	2.264	-0.003	95	554295	20.0	17.4	
8 Bromomethane	94	2.595	2.589	0.006	91	303649	20.0	19.5	
9 Chloroethane	64	2.679	2.682	-0.003	100	266038	20.0	18.3	
10 Dichlorofluoromethane	67	2.923	2.930	-0.007	97	644542	20.0	18.0	
11 Trichlorofluoromethane	101	2.991	2.981	0.010	84	461885	20.0	16.9	
12 Pentane	43	3.010	3.014	-0.004	96	395013	20.0	15.3	
14 Ethyl ether	59	3.245	3.242	0.003	94	221536	20.0	17.4	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.341	3.338	0.003	95	324093	20.0	16.6	
16 Acrolein	56	3.425	3.419	0.006	99	1205983	195.2	168.7	
17 1,1-Dichloroethene	96	3.557	3.570	-0.013	97	242666	20.0	16.6	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	92	232908	20.0	15.9	
19 Acetone	58	3.592	3.596	-0.004	98	130091	40.0	32.7	
21 Iodomethane	142	3.763	3.760	0.002	99	446376	20.0	18.7	
22 Isopropyl alcohol	45	3.808	3.798	0.010	95	335737	100.0	87.6	
23 Carbon disulfide	76	3.859	3.875	-0.016	99	744580	20.0	17.4	
24 Methyl acetate	43	4.029	4.030	-0.001	86	349454	20.0	18.0	
25 3-Chloro-1-propene	41	4.036	4.030	0.006	91	335730	20.0	16.6	
26 Methylene Chloride	84	4.238	4.242	-0.004	95	258065	20.0	17.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.280	4.277	0.003	98	1753878	250.0	250.0	
28 2-Methyl-2-propanol	59	4.402	4.409	-0.007	28	517705	100.0	86.1	M
31 Acrylonitrile	53	4.598	4.592	0.006	99	481617	50.0	43.1	
33 Methyl tert-butyl ether	73	4.653	4.637	0.016	95	585729	20.0	17.7	
32 trans-1,2-Dichloroethene	96	4.640	4.640	0.000	97	229180	20.0	17.5	
34 Hexane	57	5.071	5.081	-0.010	94	192095	20.0	14.8	
35 1,1-Dichloroethane	63	5.325	5.316	0.009	96	401787	20.0	17.1	
36 Isopropyl ether	45	5.399	5.390	0.009	90	584556	20.0	16.3	
37 2-Chloro-1,3-butadiene	53	5.425	5.428	-0.003	92	308142	20.0	16.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.939	5.936	0.003	97	512173	20.0	17.0	
41 2-Butanone (MEK)	43	6.139	6.142	-0.003	99	432709	40.0	31.0	
S 40 1,2-Dichloroethene, Total	100				0			34.1	
42 cis-1,2-Dichloroethene	96	6.158	6.161	-0.003	82	240638	20.0	16.6	
43 2,2-Dichloropropane	77	6.174	6.190	-0.016	92	303605	20.0	16.8	
44 Propionitrile	54	6.251	6.251	0.000	90	424818	100.0	85.0	
45 Methacrylonitrile	67	6.457	6.451	0.006	93	329842	50.0	41.7	
46 Chlorobromomethane	128	6.492	6.496	-0.004	97	122421	20.0	17.8	
47 Tetrahydrofuran	71	6.515	6.515	0.000	90	329781	100.0	86.2	
48 Chloroform	83	6.647	6.647	0.000	93	377470	20.0	17.8	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	93	608924	50.0	51.2	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	98	317723	20.0	17.5	
51 Cyclohexane	56	6.968	6.968	0.000	92	321368	20.0	15.5	
52 1,1-Dichloropropene	75	7.087	7.084	0.003	95	256982	20.0	16.5	
53 Carbon tetrachloride	117	7.077	7.087	-0.010	78	267599	20.0	17.5	
56 Isobutyl alcohol	41	7.283	7.277	0.006	93	389825	250.0	211.9	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	99	151542	50.0	48.8	
58 Benzene	78	7.348	7.351	-0.003	96	838061	20.0	17.2	
59 1,2-Dichloroethane	62	7.422	7.428	-0.006	98	262632	20.0	17.4	
60 Tert-amyl methyl ether	73	7.547	7.554	-0.007	96	527748	20.0	18.0	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2207881	50.0	50.0	
62 n-Heptane	43	7.769	7.766	0.003	72	168302	20.0	15.3	
63 n-Butanol	56	8.148	8.148	0.000	91	251096	250.0	205.0	M
64 Trichloroethene	95	8.235	8.242	-0.007	98	188557	20.0	17.1	
65 Methylcyclohexane	83	8.547	8.544	0.003	91	265071	20.0	15.9	
66 1,2-Dichloropropane	63	8.576	8.582	-0.006	94	197632	20.0	16.9	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	95	264864	20.0	18.1	
68 Methyl methacrylate	69	8.666	8.672	-0.006	93	156624	20.0	17.4	
70 1,4-Dioxane	88	8.672	8.679	-0.007	43	94218	250.0	241.8	
69 Dibromomethane	93	8.685	8.685	0.000	96	122355	20.0	17.1	
72 Dichlorobromomethane	83	8.926	8.920	0.006	99	215225	20.0	16.7	
73 2-Nitropropane	41	9.216	9.213	0.003	98	411427	100.0	82.0	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	91	102851	20.0	16.2	
76 cis-1,3-Dichloropropene	75	9.473	9.470	0.003	95	237388	20.0	17.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.659	9.656	0.003	98	773504	40.0	35.1	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.782	0.000	93	2161392	50.0	50.9	
80 Toluene	92	9.862	9.859	0.003	98	464104	20.0	17.0	
S 104 1,3-Dichloropropene, Total	100				0			33.0	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	92	196451	20.0	16.1	
106 Ethyl methacrylate	69	10.183	10.180	0.003	90	241374	20.0	17.2	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	157140	20.0	17.2	
108 Tetrachloroethene	166	10.402	10.399	0.003	97	188060	20.0	17.4	
109 1,3-Dichloropropane	76	10.483	10.483	-0.001	90	255645	20.0	17.1	
110 2-Hexanone	43	10.540	10.541	-0.001	96	528540	40.0	33.3	
111 Chlorodibromomethane	129	10.691	10.695	-0.004	90	161791	20.0	17.0	
112 Ethylene Dibromide	107	10.801	10.801	0.000	99	149904	20.0	17.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	86	1499908	50.0	50.0	
S 116 Xylenes, Total	106				0			53.4	
114 1-Chlorohexane	91	11.245	11.248	-0.003	95	186203	20.0	15.7	
115 Chlorobenzene	112	11.264	11.264	0.000	95	497132	20.0	17.4	
117 1,1,1,2-Tetrachloroethane	131	11.344	11.348	-0.004	94	186898	20.0	17.2	
118 Ethylbenzene	91	11.351	11.351	0.000	99	859850	20.0	17.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.470	11.467	0.003	100	680407	40.0	35.4	
120 o-Xylene	106	11.794	11.798	-0.004	97	357593	20.0	18.0	
121 Styrene	104	11.814	11.811	0.003	94	535591	20.0	18.4	
122 Bromoform	173	11.968	11.965	0.003	97	122833	20.0	18.4	
123 Isopropylbenzene	105	12.097	12.100	-0.003	96	830771	20.0	17.9	
125 Cyclohexanone	55	12.183	12.184	-0.001	92	751687	500.0	478.7	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	772717	50.0	50.4	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	95	321221	20.0	16.3	
128 Bromobenzene	156	12.360	12.357	0.003	94	204714	20.0	16.9	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	90	139310	50.0	39.6	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	85	104082	20.0	16.0	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	980469	20.0	17.1	
132 2-Chlorotoluene	126	12.508	12.505	0.003	98	205869	20.0	16.7	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	95	665724	20.0	16.2	
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	192326	20.0	16.8	
135 tert-Butylbenzene	134	12.814	12.811	0.003	93	108725	20.0	14.2	
136 1,2,4-Trimethylbenzene	105	12.849	12.852	-0.003	98	680107	20.0	16.3	
137 sec-Butylbenzene	105	12.974	12.975	-0.001	94	766219	20.0	16.5	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	374880	20.0	17.2	
139 4-Isopropyltoluene	119	13.080	13.084	-0.004	97	657040	20.0	16.4	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.129	0.000	94	909487	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	95	377762	20.0	16.8	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	735382	20.0	17.5	
143 Benzyl chloride	91	13.222	13.225	-0.003	99	501822	20.0	16.3	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	369558	20.0	15.8	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	94	402065	20.0	16.2	
146 n-Butylbenzene	92	13.373	13.376	-0.003	97	329852	20.0	16.8	
147 1,2-Dichlorobenzene	146	13.408	13.409	-0.001	98	405611	20.0	17.3	
148 o-diethylbenzene	119	13.428	13.431	-0.003	94	324474	20.0	15.7	
149 1,2-Dibromo-3-Chloropropane	75	13.958	13.955	0.003	84	106757	20.0	16.8	
150 1,3,5-Trichlorobenzene	180	14.080	14.077	0.003	96	234516	20.0	16.9	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	215991	20.0	16.2	
152 Hexachlorobutadiene	225	14.588	14.592	-0.004	95	81729	20.0	15.1	
153 Naphthalene	128	14.688	14.692	-0.004	97	1049251	20.0	18.3	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	96	249419	20.0	17.3	
155 2-Methylnaphthalene	142	15.482	15.483	0.000	93	435222	20.0	15.3	
S 156 Total Diethylbenzene	1				0			47.6	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 16.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X55.D

Injection Date: 07-Oct-2025 18:13:04

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

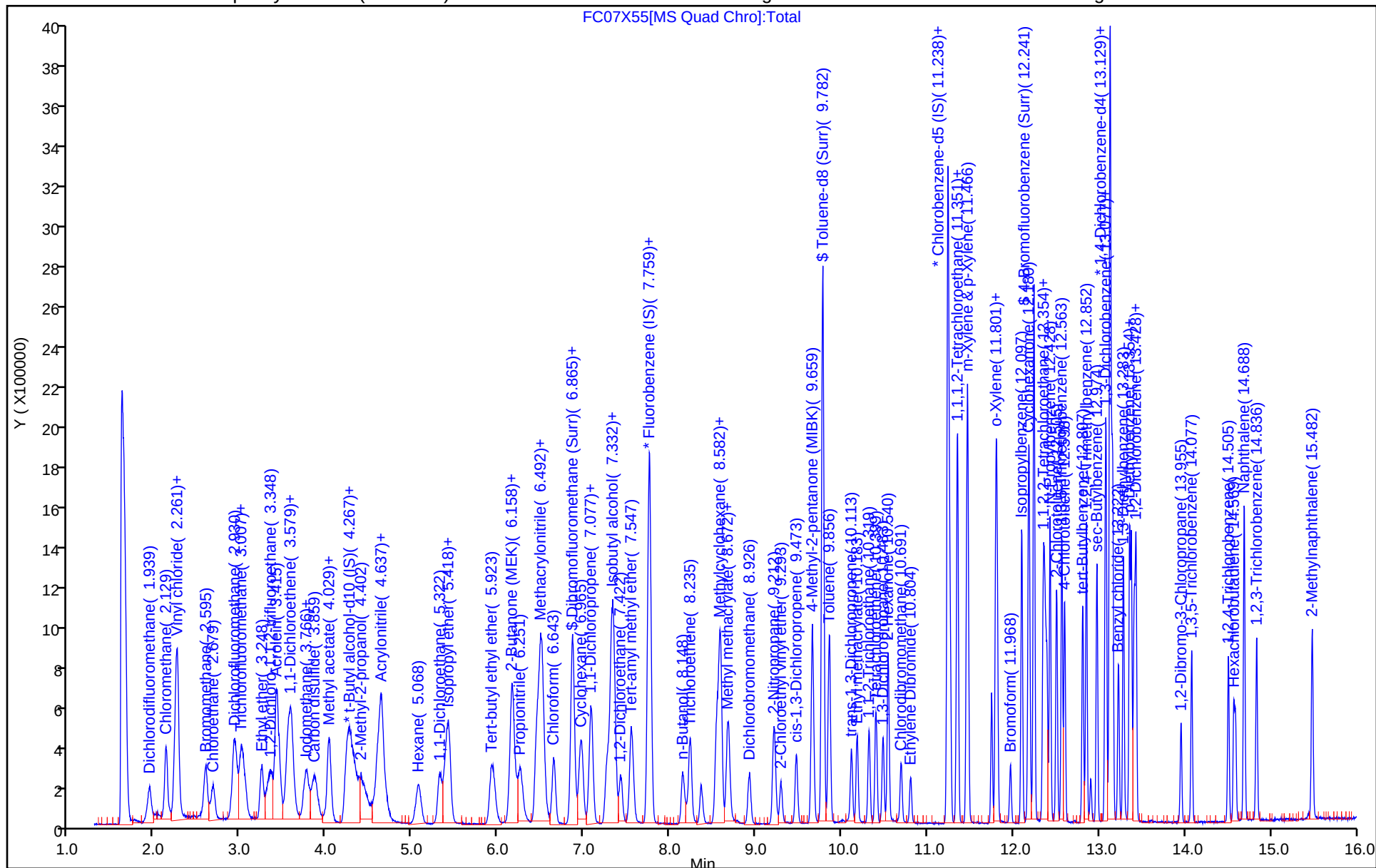
ALS Bottle#: 5

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

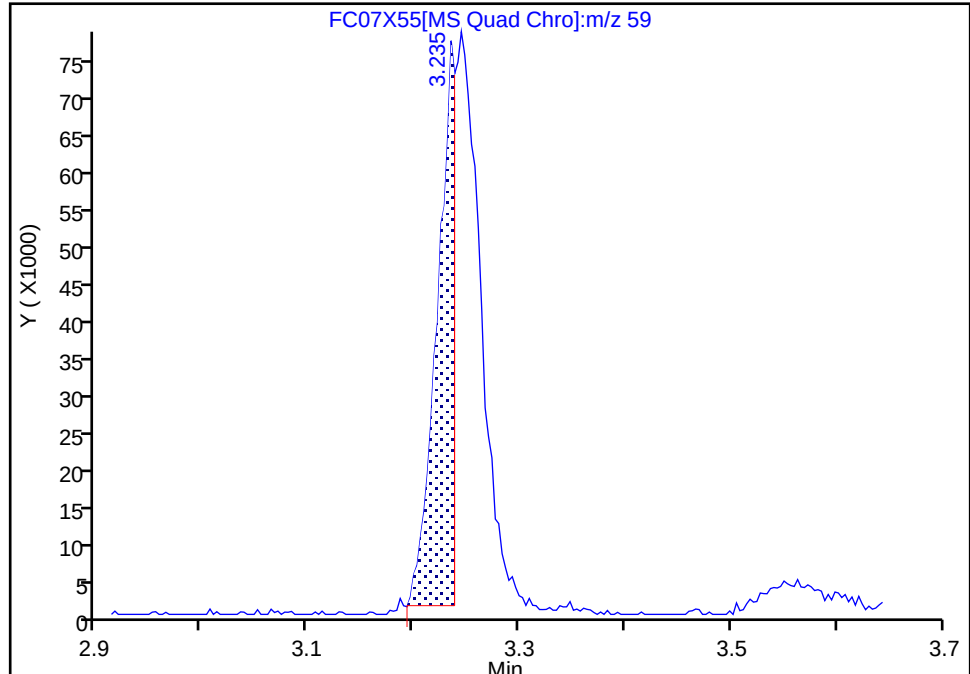
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Injection Date: 07-Oct-2025 18:13:04 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: mcd07824 ALS Bottle#: 5 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

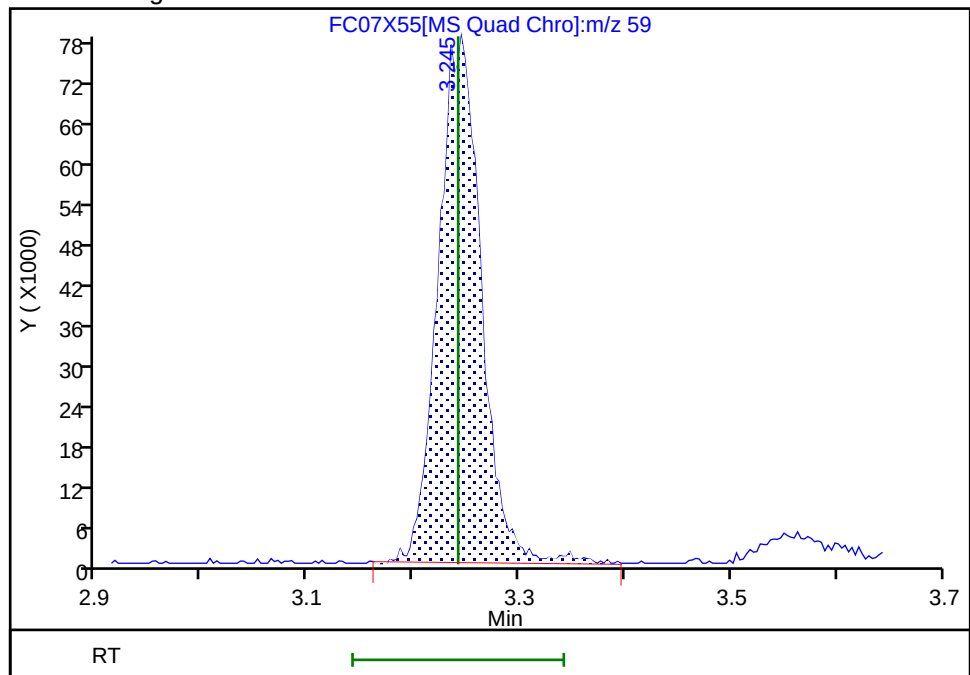
RT: 3.24
Area: 90359
Amount: 7.685324
Amount Units: ug/l

Processing Integration Results



RT: 3.24
Area: 221536
Amount: 17.393569
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:36:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

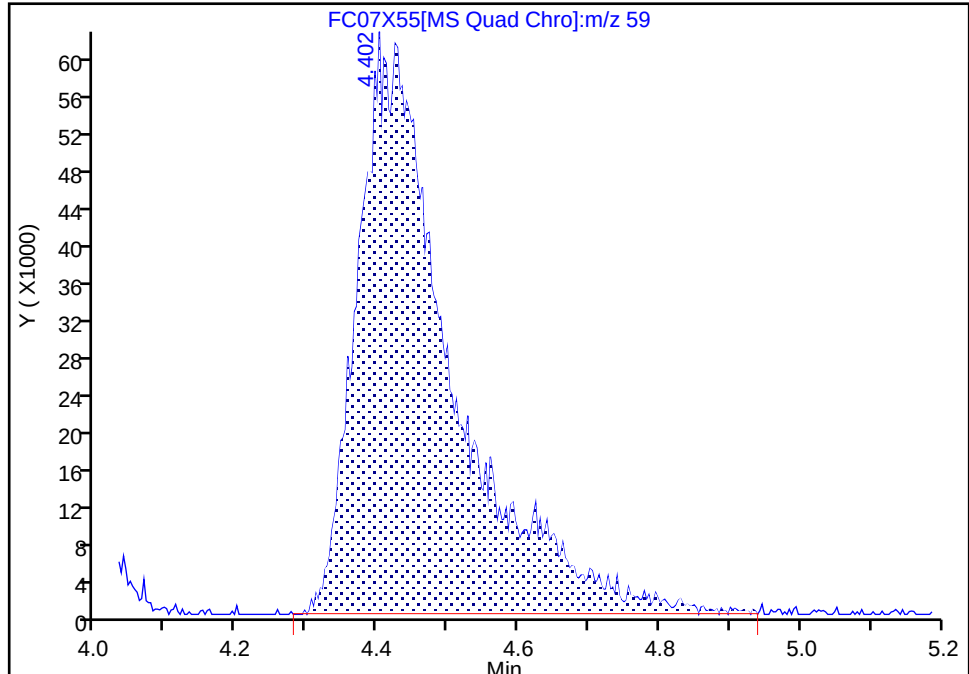
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Injection Date: 07-Oct-2025 18:13:04 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: mcd07824 ALS Bottle#: 5 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

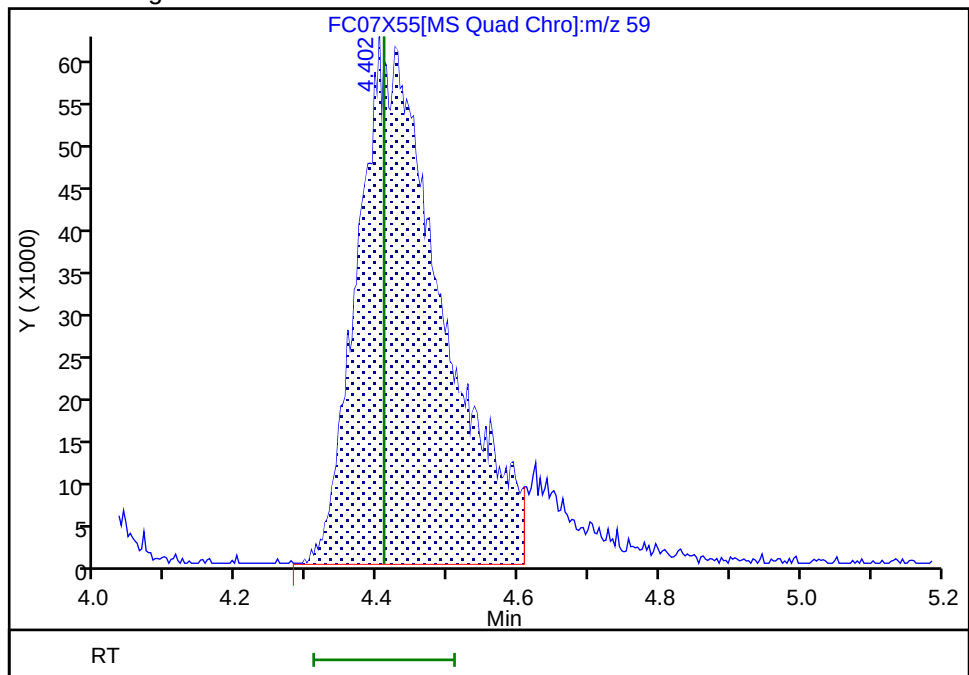
RT: 4.40
Area: 576789
Amount: 88.747575
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 517705
Amount: 86.114277
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:36:35 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

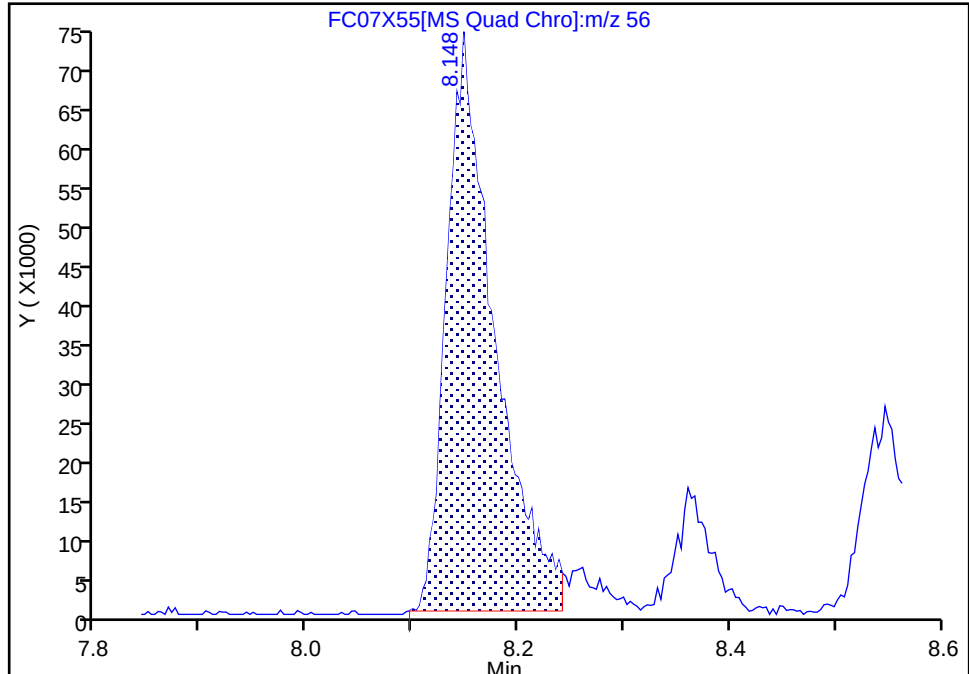
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Injection Date: 07-Oct-2025 18:13:04 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: mcd07824 ALS Bottle#: 5 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

63 n-Butanol, CAS: 71-36-3

Signal: 1

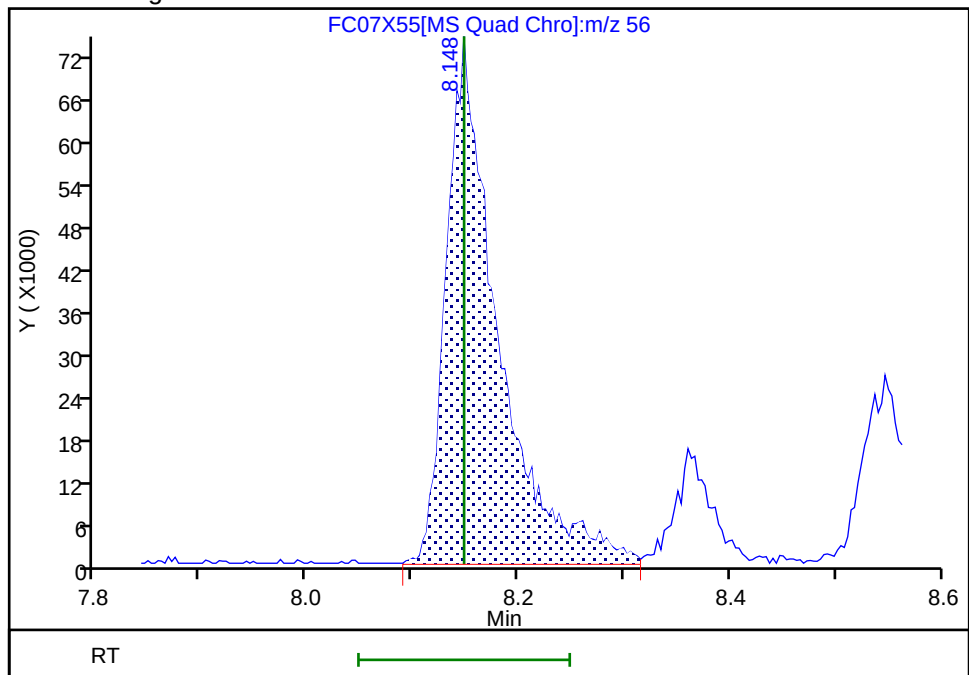
RT: 8.15
Area: 233045
Amount: 198.4002
Amount Units: ug/l

Processing Integration Results



RT: 8.15
Area: 251096
Amount: 205.0207
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 08-Oct-2025 06:04:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X56.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 07-Oct-2025 18:35:54 ALS Bottle#: 6 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICIS V50
 Misc. Info.: 410-0162303-016
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:15 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 18:57:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.936	1.936	0.000	99	1500945	50.0	51.4	
4 Chloromethane	50	2.133	2.133	0.000	99	1859606	50.0	51.1	
5 Vinyl chloride	62	2.245	2.245	0.000	98	1545243	50.0	48.2	
6 Butadiene	39	2.264	2.264	0.000	95	1739331	50.0	46.2	
8 Bromomethane	94	2.589	2.589	0.000	91	913445	50.0	49.5	
9 Chloroethane	64	2.682	2.682	0.000	100	808555	50.0	46.8	
10 Dichlorofluoromethane	67	2.930	2.930	0.000	97	2198699	50.0	51.7	
11 Trichlorofluoromethane	101	2.981	2.981	0.000	96	1747612	50.0	54.0	
12 Pentane	43	3.014	3.014	0.000	97	1553688	50.0	51.6	
14 Ethyl ether	59	3.242	3.242	0.000	95	725907	50.0	48.1	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.338	3.338	0.000	95	1103217	50.0	47.6	
16 Acrolein	56	3.419	3.419	0.000	99	3741193	487.9	438.3	
17 1,1-Dichloroethene	96	3.570	3.570	0.000	97	761453	50.0	44.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	92	757124	50.0	43.7	
19 Acetone	58	3.596	3.596	0.000	99	423412	100.0	89.1	
21 Iodomethane	142	3.760	3.760	0.000	99	1219050	50.0	43.0	
22 Isopropyl alcohol	45	3.798	3.798	0.000	95	1015170	250.0	221.8	
23 Carbon disulfide	76	3.875	3.875	0.000	99	2347299	50.0	46.3	
24 Methyl acetate	43	4.030	4.030	0.000	97	1205290	50.0	55.3	
25 3-Chloro-1-propene	41	4.030	4.030	0.000	92	1195505	50.0	49.8	
26 Methylene Chloride	84	4.242	4.242	0.000	95	862720	50.0	49.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.277	4.277	0.000	97	2093728	250.0	250.0	
28 2-Methyl-2-propanol	59	4.409	4.409	0.000	29	1827689	250.0	254.7	M
31 Acrylonitrile	53	4.592	4.592	0.000	99	1657666	125.0	125.3	
33 Methyl tert-butyl ether	73	4.637	4.637	0.000	86	2004105	50.0	51.2	
32 trans-1,2-Dichloroethene	96	4.640	4.640	0.000	98	765661	50.0	49.3	
34 Hexane	57	5.081	5.081	0.000	94	699653	50.0	45.4	
35 1,1-Dichloroethane	63	5.316	5.316	0.000	96	1427389	50.0	51.2	
36 Isopropyl ether	45	5.390	5.390	0.000	94	2325143	50.0	54.7	
37 2-Chloro-1,3-butadiene	53	5.428	5.428	0.000	92	1193391	50.0	54.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.936	5.936	0.000	97	1914272	50.0	53.7	
41 2-Butanone (MEK)	43	6.142	6.142	0.000	99	1781184	100.0	107.5	
42 cis-1,2-Dichloroethene	96	6.161	6.161	0.000	83	858253	50.0	50.0	
43 2,2-Dichloropropane	77	6.190	6.190	0.000	88	1119520	50.0	52.4	
44 Propionitrile	54	6.251	6.251	0.000	96	1620030	250.0	271.6	
45 Methacrylonitrile	67	6.451	6.451	0.000	92	1305878	125.0	139.2	
46 Chlorobromomethane	128	6.496	6.496	0.000	98	423743	50.0	52.1	
47 Tetrahydrofuran	71	6.515	6.515	0.000	92	1307052	250.0	286.3	
48 Chloroform	83	6.647	6.647	0.000	94	1353520	50.0	53.7	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	93	700238	50.0	49.7	
50 1,1,1-Trichloroethane	97	6.878	6.878	0.000	98	1101531	50.0	51.2	
51 Cyclohexane	56	6.968	6.968	0.000	91	1247410	50.0	50.9	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	95	918246	50.0	49.7	
53 Carbon tetrachloride	117	7.087	7.087	0.000	81	916257	50.0	50.6	
56 Isobutyl alcohol	41	7.277	7.277	0.000	93	1518272	625.0	691.2	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	98	183160	50.0	49.8	
58 Benzene	78	7.351	7.351	0.000	97	3035548	50.0	52.6	
59 1,2-Dichloroethane	62	7.428	7.428	0.000	97	899946	50.0	50.3	
60 Tert-amyl methyl ether	73	7.554	7.554	0.000	96	1843726	50.0	53.2	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2616813	50.0	50.0	
62 n-Heptane	43	7.766	7.766	0.000	88	596144	50.0	45.8	
63 n-Butanol	56	8.148	8.148	0.000	91	999231	625.0	683.4	
64 Trichloroethene	95	8.242	8.242	0.000	98	652594	50.0	49.9	
65 Methylcyclohexane	83	8.544	8.544	0.000	95	984796	50.0	49.7	
66 1,2-Dichloropropane	63	8.582	8.582	0.000	96	684808	50.0	49.5	
67 2-ethoxy-2-methyl butane	87	8.586	8.586	0.000	92	956093	50.0	55.0	
68 Methyl methacrylate	69	8.672	8.672	0.000	94	562170	50.0	52.8	
70 1,4-Dioxane	88	8.679	8.679	0.000	43	310494	625.0	667.4	
69 Dibromomethane	93	8.685	8.685	0.000	97	400048	50.0	47.1	
72 Dichlorobromomethane	83	8.920	8.920	0.000	99	754213	50.0	49.3	
73 2-Nitropropane	41	9.213	9.213	0.000	98	1484699	250.0	247.9	
74 2-Chloroethyl vinyl ether	63	9.293	9.293	0.000	92	395289	50.0	52.5	
76 cis-1,3-Dichloropropene	75	9.470	9.470	0.000	96	814782	50.0	49.1	
78 4-Methyl-2-pentanone (MIBK)	43	9.656	9.656	0.000	97	2697071	100.0	103.4	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.782	0.000	93	2295199	50.0	51.4	
80 Toluene	92	9.859	9.859	0.000	98	1495720	50.0	52.0	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	94	663263	50.0	51.7	
106 Ethyl methacrylate	69	10.180	10.180	0.000	90	814969	50.0	55.4	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	484267	50.0	50.5	
108 Tetrachloroethene	166	10.399	10.399	0.000	97	585420	50.0	51.5	
109 1,3-Dichloropropane	76	10.483	10.483	0.000	93	785581	50.0	50.2	
110 2-Hexanone	43	10.541	10.541	0.000	96	1821889	100.0	109.3	
111 Chlorodibromomethane	129	10.695	10.695	0.000	89	530359	50.0	53.0	
112 Ethylene Dibromide	107	10.801	10.801	0.000	98	483473	50.0	52.5	
* 113 Chlorobenzene-d5 (IS)	117	11.235	11.235	0.000	86	1575591	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	97	605629	50.0	48.6	
115 Chlorobenzene	112	11.264	11.264	0.000	95	1521305	50.0	50.7	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	93	599423	50.0	52.4	
118 Ethylbenzene	91	11.351	11.351	0.000	99	2836667	50.0	55.1	
119 m-Xylene & p-Xylene	106	11.467	11.467	0.000	100	2206650	100.0	109.2	
120 o-Xylene	106	11.798	11.798	0.000	96	1151929	50.0	55.3	
121 Styrene	104	11.811	11.811	0.000	94	1731592	50.0	56.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
122 Bromoform	173	11.965	11.965	0.000	96	373398	50.0	53.1	
123 Isopropylbenzene	105	12.100	12.100	0.000	95	2791081	50.0	57.4	
125 Cyclohexanone	55	12.184	12.184	0.000	93	1200607	625.0	640.5	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	789382	50.0	49.0	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	95	988317	50.0	50.9	
128 Bromobenzene	156	12.357	12.357	0.000	93	626170	50.0	52.3	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	86	512852	125.0	111.1	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	85	320978	50.0	50.1	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	3065477	50.0	54.2	
132 2-Chlorotoluene	126	12.505	12.505	0.000	97	638854	50.0	52.4	
133 1,3,5-Trimethylbenzene	105	12.563	12.563	0.000	94	2211589	50.0	54.4	
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	600689	50.0	53.0	
135 tert-Butylbenzene	134	12.811	12.811	0.000	93	384970	50.0	42.5	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	2304350	50.0	56.1	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	2453484	50.0	53.5	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	1097037	50.0	50.9	
139 4-Isopropyltoluene	119	13.084	13.084	0.000	97	2179028	50.0	55.1	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.129	0.000	94	897696	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	95	1109906	50.0	50.1	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	2299719	50.0	55.3	
143 Benzyl chloride	91	13.225	13.225	0.000	99	1582708	50.0	52.2	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	1196635	50.0	51.9	
145 p-Diethylbenzene	119	13.357	13.357	0.000	94	1275380	50.0	52.0	
146 n-Butylbenzene	92	13.376	13.376	0.000	97	997867	50.0	51.4	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	98	1212564	50.0	52.5	
148 o-diethylbenzene	119	13.431	13.431	0.000	94	1079062	50.0	52.7	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	84	326880	50.0	52.0	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	98	714268	50.0	52.1	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	95	674005	50.0	51.3	
152 Hexachlorobutadiene	225	14.592	14.592	0.000	95	264189	50.0	49.4	
153 Naphthalene	128	14.692	14.692	0.000	97	3518480	50.0	62.3	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	96	765478	50.0	53.8	
155 2-Methylnaphthalene	142	15.483	15.483	0.000	96	1618627	50.0	49.0	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X56.D

Injection Date: 07-Oct-2025 18:35:54

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

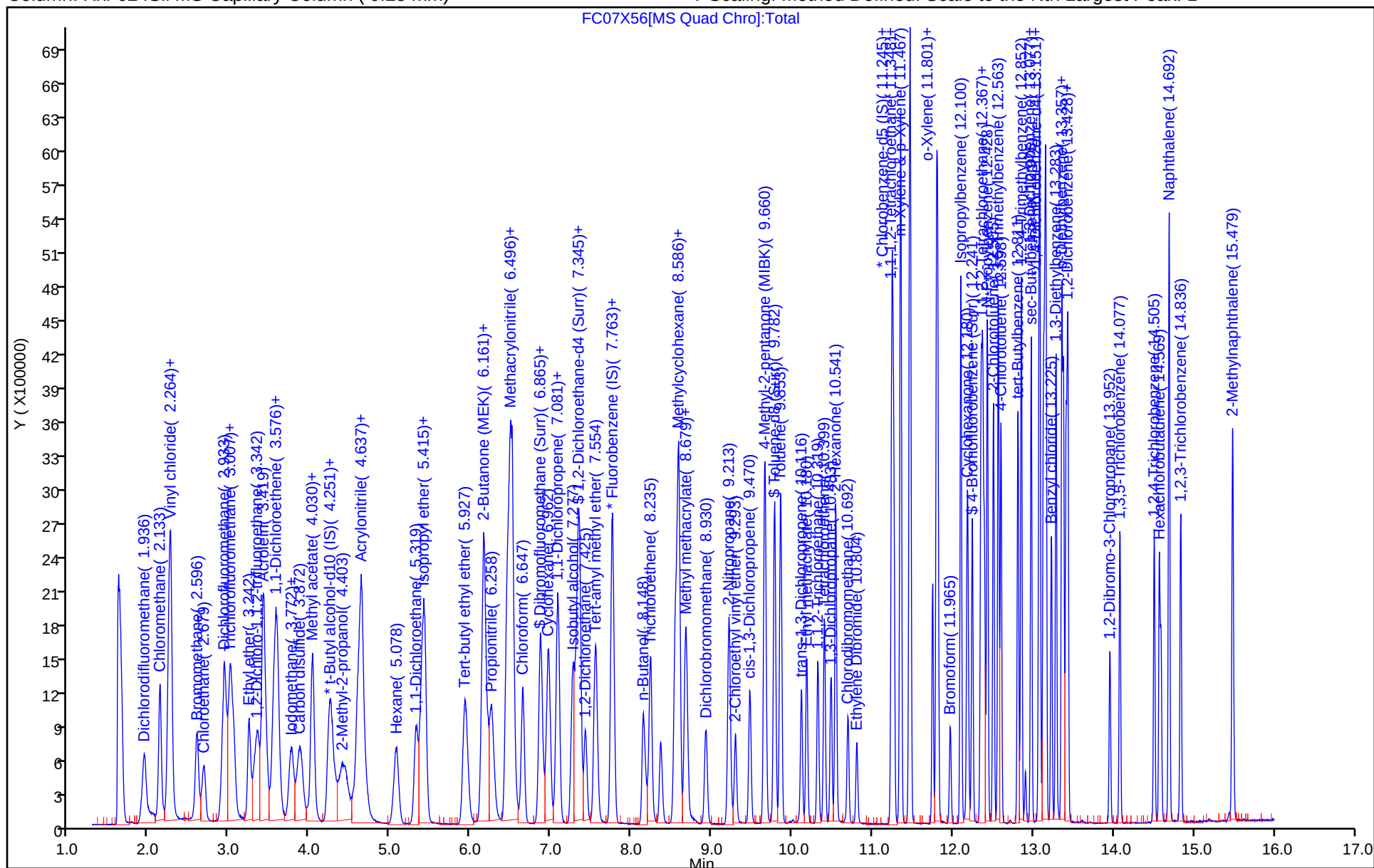
ALS Bottle#: 6

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

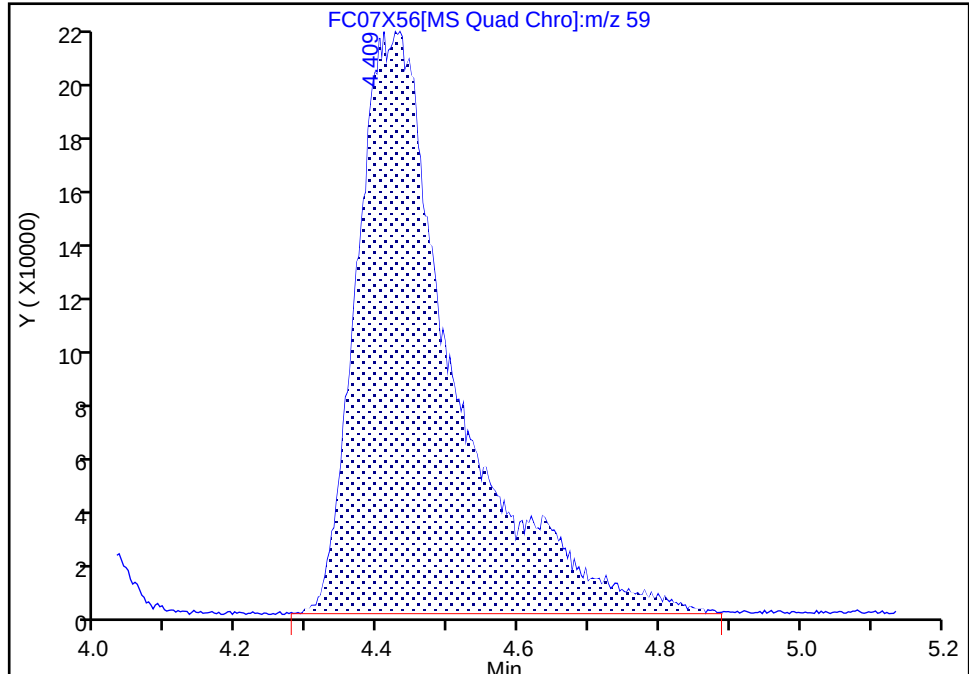
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X56.D
Injection Date: 07-Oct-2025 18:35:54 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: mcd07824 ALS Bottle#: 6 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

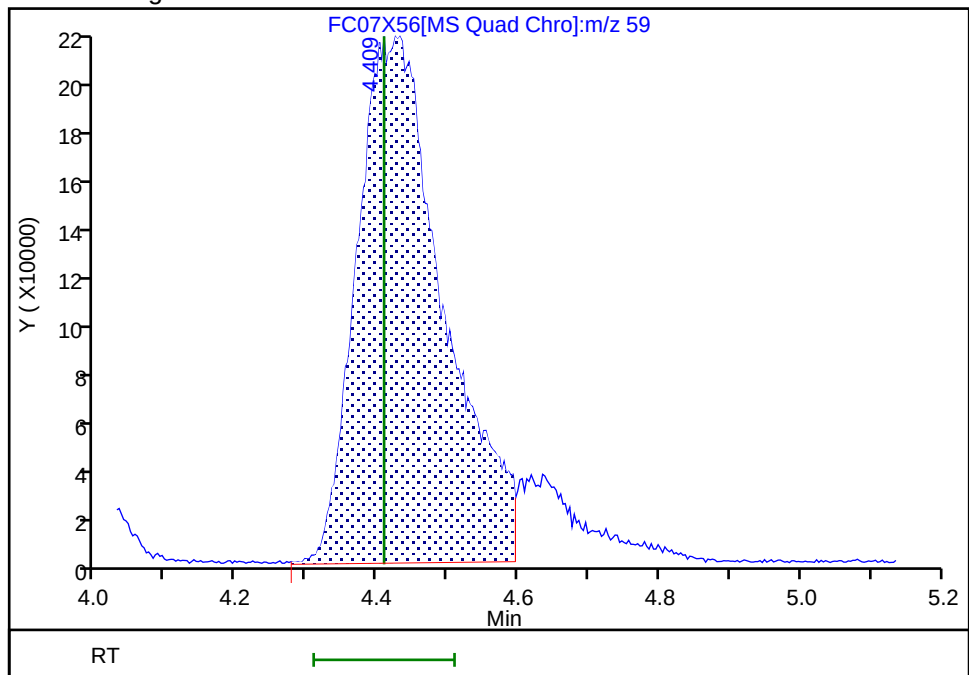
RT: 4.41
Area: 2058143
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.41
Area: 1827689
Amount: 254.6679
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 18:58:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X57.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 07-Oct-2025 18:58:33 ALS Bottle#: 7 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V100
 Misc. Info.: 410-0162303-017
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:27 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 19:44:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.940	1.936	0.004	99	3254165	100.0	109.4	
4 Chloromethane	50	2.136	2.133	0.003	100	3502725	100.0	94.5	
5 Vinyl chloride	62	2.248	2.245	0.003	98	3269256	100.0	100.2	
6 Butadiene	39	2.268	2.264	0.004	95	3557773	100.0	92.8	
8 Bromomethane	94	2.596	2.589	0.007	91	1883700	100.0	100.3	
9 Chloroethane	64	2.682	2.682	0.000	100	1753275	100.0	99.8	
10 Dichlorofluoromethane	67	2.936	2.930	0.006	97	4237020	100.0	97.9	
11 Trichlorofluoromethane	101	2.994	2.981	0.013	97	3429220	100.0	104.2	
12 Pentane	43	3.023	3.014	0.009	97	3024563	100.0	99.1	
14 Ethyl ether	59	3.242	3.242	0.000	94	1366268	100.0	88.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.342	3.338	0.004	94	2288375	100.0	96.9	
16 Acrolein	56	3.419	3.419	0.000	99	8210006	975.8	1036.5	
17 1,1-Dichloroethene	96	3.567	3.570	-0.003	97	1603942	100.0	91.2	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.589	3.586	0.003	81	1698428	100.0	96.4	
19 Acetone	58	3.599	3.596	0.003	100	1016621	200.0	230.4	
21 Iodomethane	142	3.772	3.760	0.012	98	2733751	100.0	94.8	
22 Isopropyl alcohol	45	3.795	3.798	-0.003	98	2207658	500.0	519.8	
23 Carbon disulfide	76	3.878	3.875	0.003	99	4855775	100.0	94.1	
24 Methyl acetate	43	4.026	4.030	-0.004	95	2266418	100.0	103.3	
25 3-Chloro-1-propene	41	4.039	4.030	0.009	96	2310715	100.0	94.6	
26 Methylene Chloride	84	4.245	4.242	0.003	97	1613207	100.0	90.9	
* 27 t-Butyl alcohol-d10 (IS)	65	4.309	4.277	0.032	99	1943030	250.0	250.0	
28 2-Methyl-2-propanol	59	4.425	4.409	0.016	98	3387401	500.0	508.6	M
31 Acrylonitrile	53	4.592	4.592	0.000	99	3041052	250.0	225.9	
33 Methyl tert-butyl ether	73	4.647	4.637	0.010	93	3838696	100.0	96.4	
32 trans-1,2-Dichloroethene	96	4.641	4.640	0.001	98	1455835	100.0	92.0	
34 Hexane	57	5.078	5.081	-0.003	93	1739681	100.0	110.9	
35 1,1-Dichloroethane	63	5.319	5.316	0.003	96	2850132	100.0	100.5	
36 Isopropyl ether	45	5.393	5.390	0.003	95	4493825	100.0	103.9	
37 2-Chloro-1,3-butadiene	53	5.425	5.428	-0.003	91	2348976	100.0	105.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	97	3912957	100.0	107.8	
41 2-Butanone (MEK)	43	6.158	6.142	0.016	100	3743838	200.0	222.0	
S 40 1,2-Dichloroethene, Total	100				0			187.1	
42 cis-1,2-Dichloroethene	96	6.165	6.161	0.004	83	1659344	100.0	95.0	
43 2,2-Dichloropropane	77	6.184	6.190	-0.006	89	2227579	100.0	102.4	
44 Propionitrile	54	6.248	6.251	-0.003	95	3085085	500.0	557.4	
45 Methacrylonitrile	67	6.457	6.451	0.006	92	2575546	250.0	269.8	
46 Chlorobromomethane	128	6.496	6.496	0.000	97	820063	100.0	99.1	
47 Tetrahydrofuran	71	6.515	6.515	0.000	89	2502084	500.0	590.5	
48 Chloroform	83	6.647	6.647	0.000	94	2551615	100.0	99.5	
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.862	0.000	92	698810	50.0	48.7	
50 1,1,1-Trichloroethane	97	6.875	6.878	-0.003	99	2264198	100.0	103.4	
51 Cyclohexane	56	6.972	6.968	0.004	92	2847694	100.0	114.1	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	95	2024933	100.0	107.7	
53 Carbon tetrachloride	117	7.084	7.087	-0.003	84	1947882	100.0	105.7	
56 Isobutyl alcohol	41	7.280	7.277	0.003	95	2869010	1250.0	1407.5	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.329	7.325	0.003	97	188171	50.0	50.2	
58 Benzene	78	7.354	7.351	0.003	97	6055423	100.0	103.2	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	97	1876800	100.0	103.0	
60 Tert-amyl methyl ether	73	7.557	7.554	0.003	97	3861799	100.0	109.4	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	99	2663229	50.0	50.0	
62 n-Heptane	43	7.772	7.766	0.006	92	1430309	100.0	107.9	
63 n-Butanol	56	8.155	8.148	0.007	90	2073750	1250.0	1528.4	
64 Trichloroethene	95	8.238	8.242	-0.004	99	1419424	100.0	106.7	
65 Methylcyclohexane	83	8.547	8.544	0.003	92	2430719	100.0	120.5	
66 1,2-Dichloropropane	63	8.582	8.582	0.000	96	1467422	100.0	104.2	
67 2-ethoxy-2-methyl butane	87	8.592	8.586	0.006	92	2009332	100.0	113.6	
68 Methyl methacrylate	69	8.673	8.672	0.000	93	1244096	100.0	114.7	
70 1,4-Dioxane	88	8.682	8.679	0.003	42	613593	1250.0	1421.2	
69 Dibromomethane	93	8.689	8.685	0.004	97	865844	100.0	100.2	
72 Dichlorobromomethane	83	8.933	8.920	0.013	99	1628161	100.0	104.5	
73 2-Nitropropane	41	9.213	9.213	0.000	98	3253094	500.0	585.2	
74 2-Chloroethyl vinyl ether	63	9.296	9.293	0.003	91	887977	100.0	116.0	
76 cis-1,3-Dichloropropene	75	9.476	9.470	0.006	95	1890266	100.0	111.9	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.656	0.004	97	6124202	200.0	230.6	
\$ 79 Toluene-d8 (Surr)	98	9.779	9.782	-0.003	93	2506207	50.0	50.4	
80 Toluene	92	9.856	9.859	-0.003	98	3462389	100.0	108.2	
S 104 1,3-Dichloropropene, Total	100				0			221.0	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	93	1558293	100.0	109.1	
106 Ethyl methacrylate	69	10.184	10.180	0.004	90	1876288	100.0	114.6	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	1079291	100.0	101.1	
108 Tetrachloroethene	166	10.402	10.399	0.003	97	1356075	100.0	107.2	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	92	1825205	100.0	104.7	
110 2-Hexanone	43	10.541	10.541	0.000	98	4432211	200.0	238.8	
111 Chlorodibromomethane	129	10.692	10.695	-0.003	90	1201244	100.0	107.8	
112 Ethylene Dibromide	107	10.807	10.801	0.006	98	1110020	100.0	108.4	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	85	1754046	50.0	50.0	
S 116 Xylenes, Total	106				0			348.6	
114 1-Chlorohexane	91	11.248	11.248	0.000	98	1578979	100.0	113.7	
115 Chlorobenzene	112	11.264	11.264	0.000	95	3523656	100.0	105.5	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	96	1346280	100.0	105.8	
118 Ethylbenzene	91	11.351	11.351	0.000	98	6750530	100.0	117.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	100	5202519	200.0	231.2	
120 o-Xylene	106	11.798	11.798	0.000	96	2724084	100.0	117.4	
121 Styrene	104	11.811	11.811	0.000	94	4033412	100.0	118.2	
122 Bromoform	173	11.968	11.965	0.003	97	865692	100.0	110.6	
123 Isopropylbenzene	105	12.100	12.100	0.000	95	7014128	100.0	129.5	
125 Cyclohexanone	55	12.184	12.184	0.000	92	2659296	1250.0	1528.6	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.242	12.241	0.001	89	868165	50.0	48.4	
127 1,1,2,2-Tetrachloroethane	83	12.348	12.348	0.000	94	2156791	100.0	103.7	
128 Bromobenzene	156	12.360	12.357	0.003	97	1418720	100.0	110.6	
129 trans-1,4-Dichloro-2-butene	53	12.370	12.373	-0.003	89	1268294	250.0	239.1	
130 1,2,3-Trichloropropane	110	12.389	12.393	-0.004	84	701202	100.0	102.2	
131 N-Propylbenzene	91	12.431	12.428	0.003	99	7533749	100.0	124.5	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	1477474	100.0	113.2	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	5491623	100.0	126.1	
134 4-Chlorotoluene	126	12.602	12.598	0.004	97	1378059	100.0	113.6	
135 tert-Butylbenzene	134	12.807	12.811	-0.004	93	999251	100.0	98.2	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	5432932	100.0	123.5	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	6355089	100.0	129.4	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	2446351	100.0	106.1	
139 4-Isopropyltoluene	119	13.081	13.084	-0.003	97	5489086	100.0	129.5	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	94	961334	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	94	2477075	100.0	104.4	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	5447687	100.0	122.3	
143 Benzyl chloride	91	13.225	13.225	0.000	98	3680886	100.0	113.3	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	2966628	100.0	120.1	
145 p-Diethylbenzene	119	13.357	13.357	0.000	94	3167532	100.0	120.6	
146 n-Butylbenzene	92	13.373	13.376	-0.003	97	2531097	100.0	121.6	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	98	2659990	100.0	107.6	
148 o-diethylbenzene	119	13.431	13.431	0.000	95	2599625	100.0	118.6	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	85	691124	100.0	102.6	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	97	1614600	100.0	110.1	
151 1,2,4-Trichlorobenzene	180	14.508	14.505	0.003	94	1573210	100.0	111.7	
152 Hexachlorobutadiene	225	14.592	14.592	0.000	95	625675	100.0	109.2	
153 Naphthalene	128	14.692	14.692	0.000	97	7556752	100.0	125.0	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	1651982	100.0	108.4	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	92	3779783	100.0	103.1	
S 156 Total Diethylbenzene	1				0			359.3	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:28

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X57.D

Injection Date: 07-Oct-2025 18:58:33

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

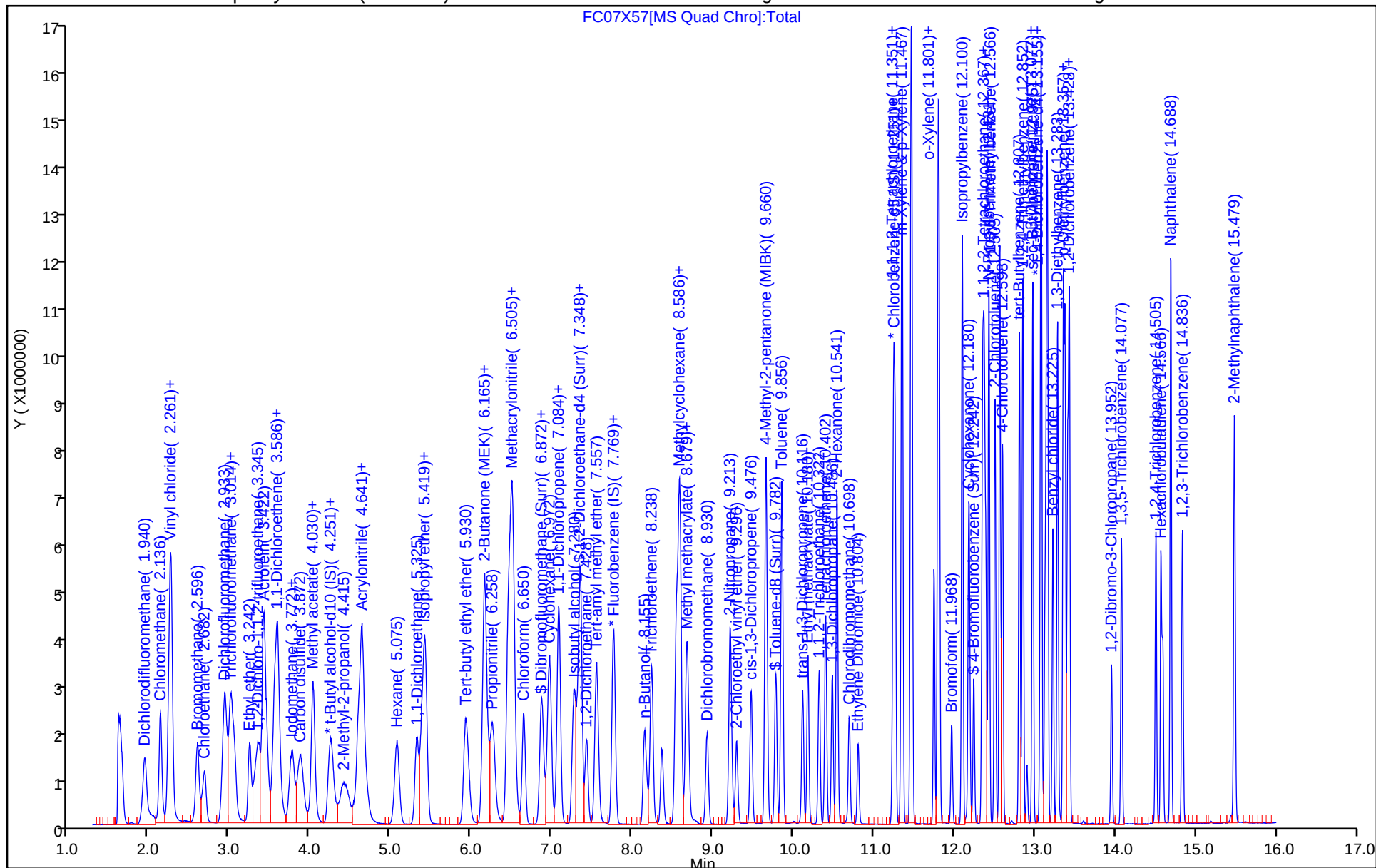
ALS Bottle#: 7

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



10/10/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

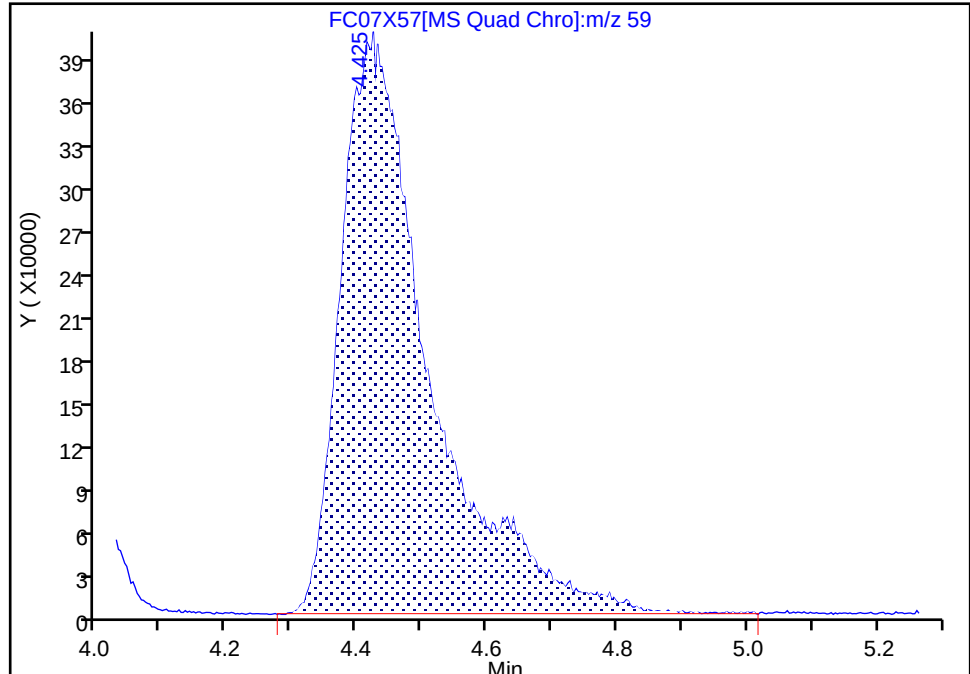
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Injection Date: 07-Oct-2025 18:58:33 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: mcd07824 ALS Bottle#: 7 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

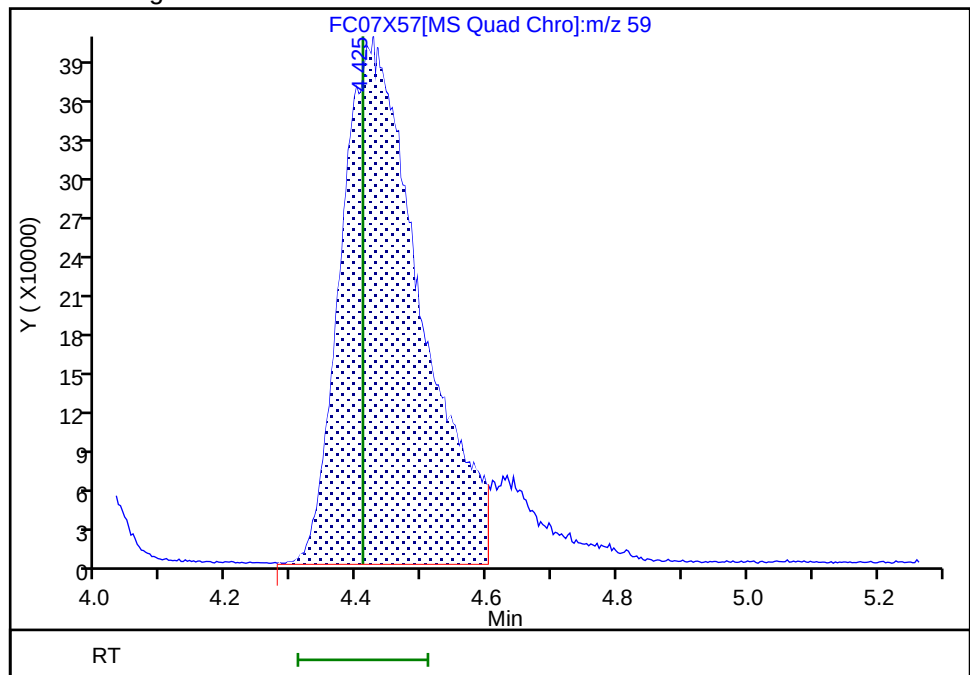
RT: 4.43
Area: 3797062
Amount: 535.2351
Amount Units: ug/l

Processing Integration Results



RT: 4.43
Area: 3387401
Amount: 508.6034
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:37:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 8
 Inject. Date: 07-Oct-2025 19:21:36 ALS Bottle#: 8 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: IC V300
 Misc. Info.: 410-0162303-018
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub24
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 06:40:38 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1615

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 20:16:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.943	1.936	0.007	99	9312796	300.0	287.1	
4 Chloromethane	50	2.136	2.133	0.003	99	11271043	300.0	278.8	
5 Vinyl chloride	62	2.248	2.245	0.003	98	9556813	300.0	268.6	
6 Butadiene	39	2.271	2.264	0.007	93	9863512	300.0	235.8	
8 Bromomethane	94	2.592	2.589	0.003	91	5271641	300.0	257.3	
9 Chloroethane	64	2.682	2.682	0.000	100	4858621	300.0	253.5	
10 Dichlorofluoromethane	67	2.933	2.930	0.003	97	12543545	300.0	265.6	
11 Trichlorofluoromethane	101	2.985	2.981	0.004	97	10270412	300.0	286.1	
12 Pentane	43	3.052	3.014	0.038	98	9969022	300.0	300.2	
14 Ethyl ether	59	3.242	3.242	0.000	92	4104243	300.1	244.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	93	6815655	300.0	264.7	
16 Acrolein	56	3.422	3.419	0.003	100	23997856	2927.5	2770.0	
17 1,1-Dichloroethene	96	3.573	3.570	0.003	97	4931449	300.0	257.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.589	3.586	0.003	86	4949855	300.0	257.5	
19 Acetone	58	3.605	3.596	0.009	100	2711163	600.0	561.8	
21 Iodomethane	142	3.775	3.760	0.015	98	7757796	300.0	246.6	
22 Isopropyl alcohol	45	3.801	3.798	0.003	99	6691473	1500.0	1440.5	
23 Carbon disulfide	76	3.891	3.875	0.016	99	14378124	300.0	255.4	
24 Methyl acetate	43	4.023	4.030	-0.007	98	6924724	300.0	292.2	
25 3-Chloro-1-propene	41	4.033	4.030	0.003	95	7461295	300.0	280.0	
26 Methylene Chloride	84	4.258	4.242	0.016	95	5037794	300.0	260.4	
* 27 t-Butyl alcohol-d10 (IS)	65	4.300	4.277	0.023	96	2125146	250.0	250.0	
28 2-Methyl-2-propanol	59	4.415	4.409	0.006	100	10210294	1500.0	1401.7	M
31 Acrylonitrile	53	4.599	4.592	0.007	98	9447582	750.0	643.4	
33 Methyl tert-butyl ether	73	4.647	4.637	0.010	93	11838468	300.0	272.7	
32 trans-1,2-Dichloroethene	96	4.637	4.640	-0.003	98	4383452	300.0	254.1	
34 Hexane	57	5.071	5.081	-0.010	93	5208524	300.0	304.3	
35 1,1-Dichloroethane	63	5.319	5.316	0.003	96	8311692	300.0	268.7	
36 Isopropyl ether	45	5.396	5.390	0.006	95	13522347	300.0	286.7	
37 2-Chloro-1,3-butadiene	53	5.428	5.428	0.000	91	7287079	300.0	301.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.933	5.936	-0.003	98	11461023	300.0	289.5	
41 2-Butanone (MEK)	43	6.161	6.142	0.019	100	11212142	600.0	609.7	
S 40 1,2-Dichloroethene, Total	100				0			509.4	
42 cis-1,2-Dichloroethene	96	6.161	6.161	0.000	82	4862862	300.0	255.3	
43 2,2-Dichloropropane	77	6.187	6.190	-0.003	90	6639004	300.0	279.8	
44 Propionitrile	54	6.251	6.251	0.000	96	9208011	1500.0	1521.0	
45 Methacrylonitrile	67	6.467	6.451	0.016	93	7960231	750.0	764.7	
46 Chlorobromomethane	128	6.502	6.496	0.006	97	2353986	300.0	260.7	
47 Tetrahydrofuran	71	6.515	6.515	0.000	91	7701400	1500.0	1661.7	
48 Chloroform	83	6.653	6.647	0.006	94	7466662	300.0	267.1	
\$ 49 Dibromofluoromethane (Surr)	113	6.872	6.862	0.010	94	700861	50.0	44.8	
50 1,1,1-Trichloroethane	97	6.881	6.878	0.003	99	6645789	300.0	278.2	
51 Cyclohexane	56	6.978	6.968	0.010	91	8500383	300.0	312.2	
52 1,1-Dichloropropene	75	7.090	7.084	0.006	96	6329415	300.0	308.8	
53 Carbon tetrachloride	117	7.081	7.087	-0.006	91	5875659	300.0	292.5	
56 Isobutyl alcohol	41	7.283	7.277	0.006	95	8612026	3750.0	3862.8	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.328	7.325	0.003	97	199696	50.0	48.9	
58 Benzene	78	7.354	7.351	0.003	96	18726422	300.0	292.5	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	97	5817508	300.0	292.6	
60 Tert-amyl methyl ether	73	7.557	7.554	0.003	97	11781145	300.0	306.1	
* 61 Fluorobenzene (IS)	96	7.769	7.759	0.010	97	2904606	50.0	50.0	
62 n-Heptane	43	7.772	7.766	0.006	93	4298999	300.0	297.5	
63 n-Butanol	56	8.158	8.148	0.010	89	6833768	3750.0	4605.0	
64 Trichloroethene	95	8.242	8.242	0.000	99	4498774	300.0	310.2	
65 Methylcyclohexane	83	8.550	8.544	0.006	93	7367977	300.0	335.0	
66 1,2-Dichloropropane	63	8.589	8.582	0.007	94	4626665	300.0	301.2	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	92	6352174	300.0	329.4	
68 Methyl methacrylate	69	8.676	8.672	0.004	92	4035699	300.0	341.2	
70 1,4-Dioxane	88	8.676	8.679	-0.003	37	1779207	3750.0	3767.9	
69 Dibromomethane	93	8.692	8.685	0.007	97	2776888	300.0	294.6	
72 Dichlorobromomethane	83	8.926	8.920	0.006	99	5335292	300.0	314.0	
73 2-Nitropropane	41	9.219	9.213	0.006	97	10904522	1500.0	1793.6	
74 2-Chloroethyl vinyl ether	63	9.299	9.293	0.006	91	3091093	300.0	370.2	
76 cis-1,3-Dichloropropene	75	9.476	9.470	0.006	95	6783789	300.0	368.3	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.656	0.004	97	18655501	600.0	644.1	e
\$ 79 Toluene-d8 (Surr)	98	9.785	9.782	0.003	94	2765324	50.0	48.4	
80 Toluene	92	9.856	9.859	-0.003	99	11310225	300.0	307.4	e
S 104 1,3-Dichloropropene, Total	100				0			713.7	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	93	5670442	300.0	345.3	
106 Ethyl methacrylate	69	10.184	10.180	0.004	90	6347083	300.0	337.4	
107 1,1,2-Trichloroethane	97	10.322	10.322	0.000	91	3581223	300.0	291.8	
108 Tetrachloroethene	166	10.405	10.399	0.006	98	4435310	300.0	304.9	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	91	6220527	300.0	310.4	
110 2-Hexanone	43	10.544	10.541	0.003	97	12955858	600.0	607.1	
111 Chlorodibromomethane	129	10.695	10.695	0.000	90	4092142	300.0	319.3	
112 Ethylene Dibromide	107	10.804	10.801	0.003	100	3699410	300.0	314.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	86	2016245	50.0	50.0	
S 116 Xylenes, Total	106				0			938.9	
114 1-Chlorohexane	91	11.248	11.248	0.000	98	5184748	300.0	324.9	
115 Chlorobenzene	112	11.267	11.264	0.003	95	11737743	300.0	305.7	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	96	4461417	300.0	305.0	
118 Ethylbenzene	91	11.344	11.351	-0.007	98	16696069	300.0	253.3	e

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
119 m-Xylene & p-Xylene	106	11.467	11.467	-0.001	98	16128352	600.0	623.5	e
120 o-Xylene	106	11.798	11.798	0.000	97	8410348	300.0	315.4	
121 Styrene	104	11.811	11.811	0.000	94	12683015	300.0	323.3	e
122 Bromoform	173	11.968	11.965	0.003	97	2834759	300.0	315.2	
123 Isopropylbenzene	105	12.090	12.100	-0.010	97	16279878	300.0	261.5	e
125 Cyclohexanone	55	12.184	12.184	0.000	93	7921988	3750.1	4163.5	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	89	996720	50.0	48.4	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.348	-0.001	95	7548020	300.0	318.1	
128 Bromobenzene	156	12.360	12.357	0.003	98	4873357	300.0	333.3	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	88	4891921	750.0	777.0	
130 1,2,3-Trichloropropane	110	12.393	12.393	-0.001	83	2332087	300.0	298.1	
131 N-Propylbenzene	91	12.421	12.428	-0.007	98	16803649	300.0	243.5	e
132 2-Chlorotoluene	126	12.505	12.505	0.000	97	5092856	300.0	342.4	
133 1,3,5-Trimethylbenzene	105	12.560	12.563	-0.003	96	15038404	300.0	302.9	e
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	4686549	300.0	338.9	
135 tert-Butylbenzene	134	12.811	12.811	-0.001	92	3719289	300.0	313.2	
136 1,2,4-Trimethylbenzene	105	12.843	12.852	-0.009	96	15147605	300.0	301.9	a
137 sec-Butylbenzene	105	12.965	12.975	-0.010	95	15892917	300.0	283.8	e
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	8451953	300.0	321.4	
139 4-Isopropyltoluene	119	13.074	13.084	-0.010	97	14618700	300.0	302.5	e
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	93	1096127	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.148	13.145	0.003	95	8406521	300.0	310.7	
142 1,2,3-Trimethylbenzene	105	13.151	13.158	-0.007	95	15001200	300.0	295.4	e
143 Benzyl chloride	91	13.222	13.225	-0.003	99	12596241	300.0	340.2	e
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	9967721	300.0	354.0	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	94	10407007	300.0	347.4	
146 n-Butylbenzene	92	13.376	13.376	0.000	94	8546511	300.0	360.2	
147 1,2-Dichlorobenzene	146	13.412	13.409	0.003	98	8832660	300.0	313.3	
148 o-diethylbenzene	119	13.428	13.431	-0.003	96	8957248	300.0	358.5	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.955	0.000	84	2369253	300.0	308.6	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	97	5255358	300.0	314.2	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	4998962	300.0	311.4	
152 Hexachlorobutadiene	225	14.589	14.592	-0.003	96	2027363	300.0	310.4	
153 Naphthalene	128	14.682	14.692	-0.010	99	16478012	300.0	239.0	e
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	5336563	300.0	307.2	
155 2-Methylnaphthalene	142	15.479	15.483	-0.003	93	12893602	300.0	302.3	e
S 156 Total Diethylbenzene	1				0			1059.8	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 15.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 15.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 15.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 30.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 06:40:38

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D

Injection Date: 07-Oct-2025 19:21:36

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

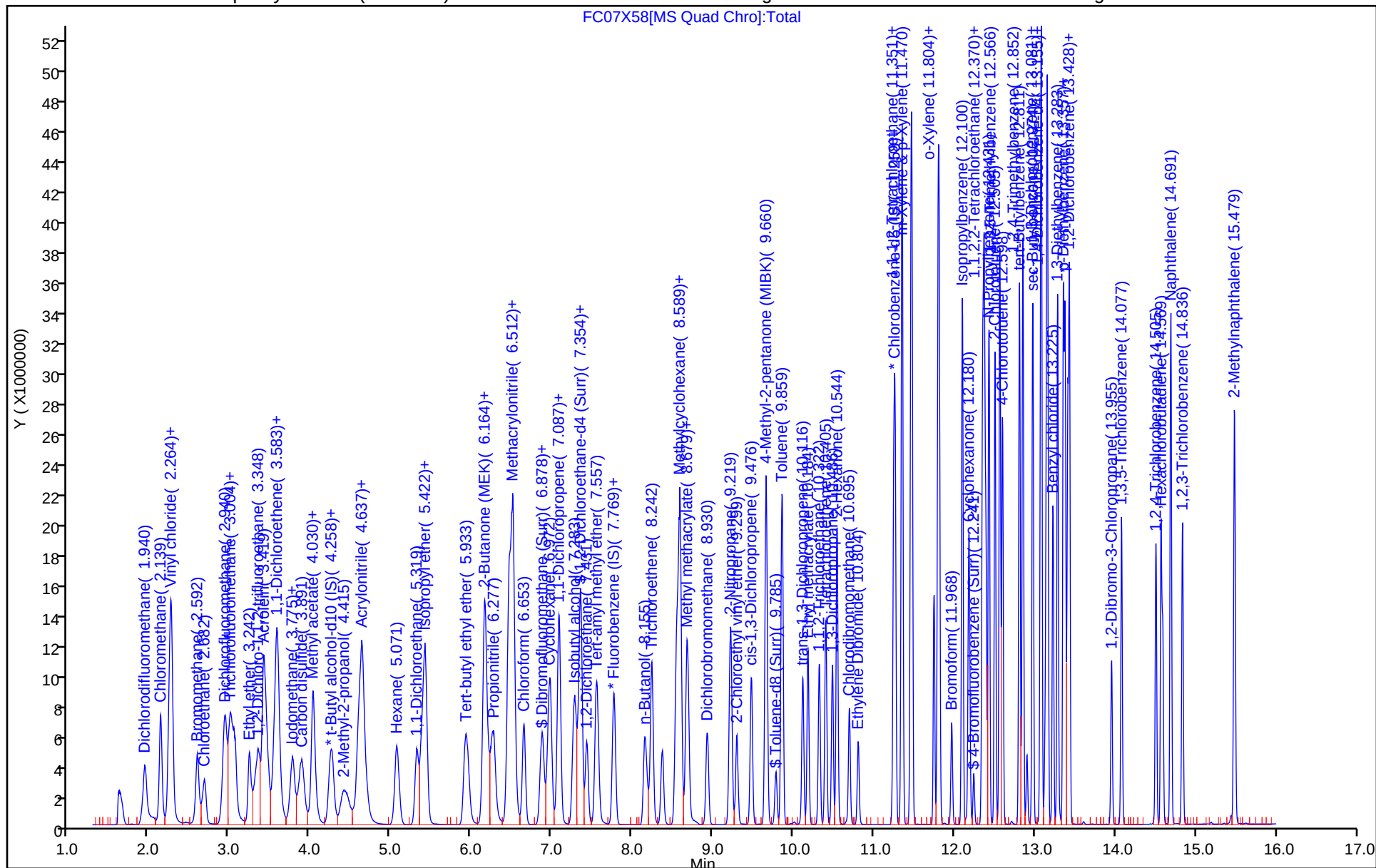
ALS Bottle#: 8

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

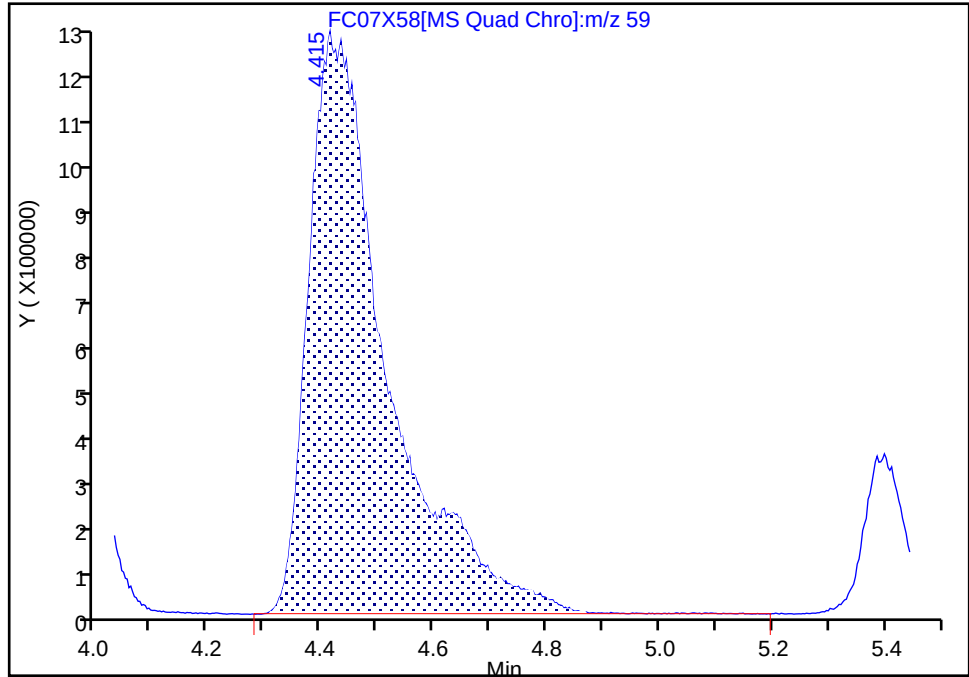
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Injection Date: 07-Oct-2025 19:21:36 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: mcd07824 ALS Bottle#: 8 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

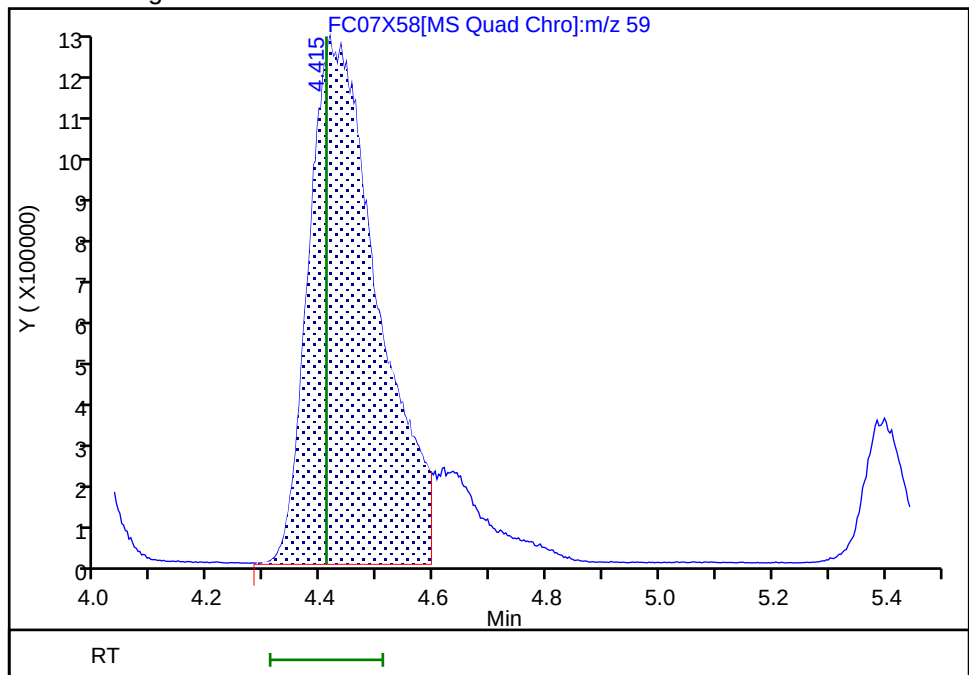
RT: 4.42
Area: 11685714
Amount: 1539.6785
Amount Units: ug/l

Processing Integration Results



RT: 4.42
Area: 10210294
Amount: 1401.6567
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:45:06 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

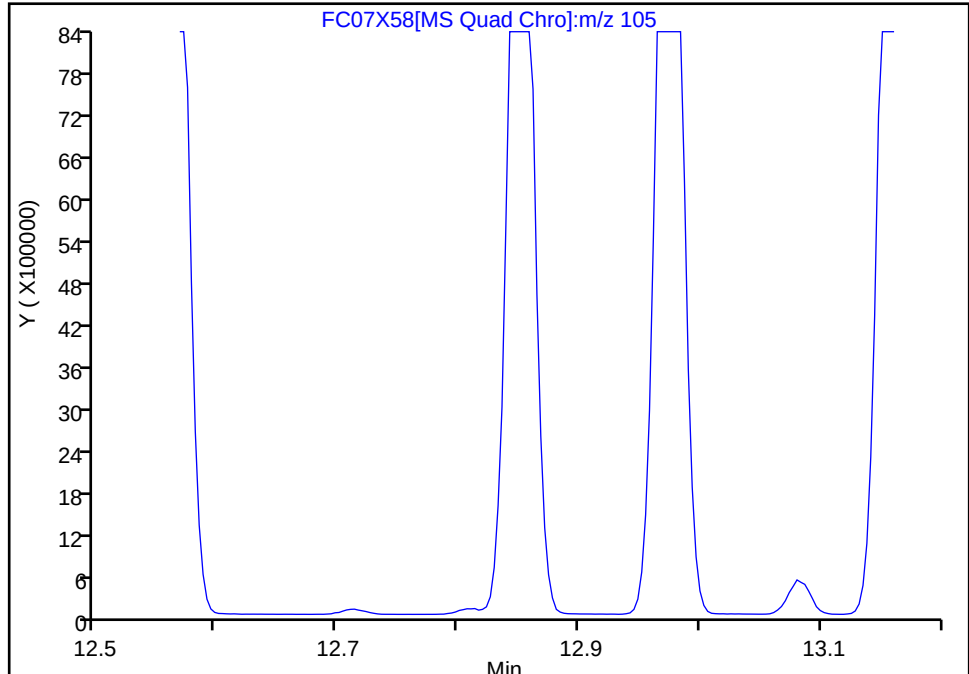
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X58.D
Injection Date: 07-Oct-2025 19:21:36 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: mcd07824 ALS Bottle#: 8 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

136 1,2,4-Trimethylbenzene, CAS: 95-63-6
Signal: 1

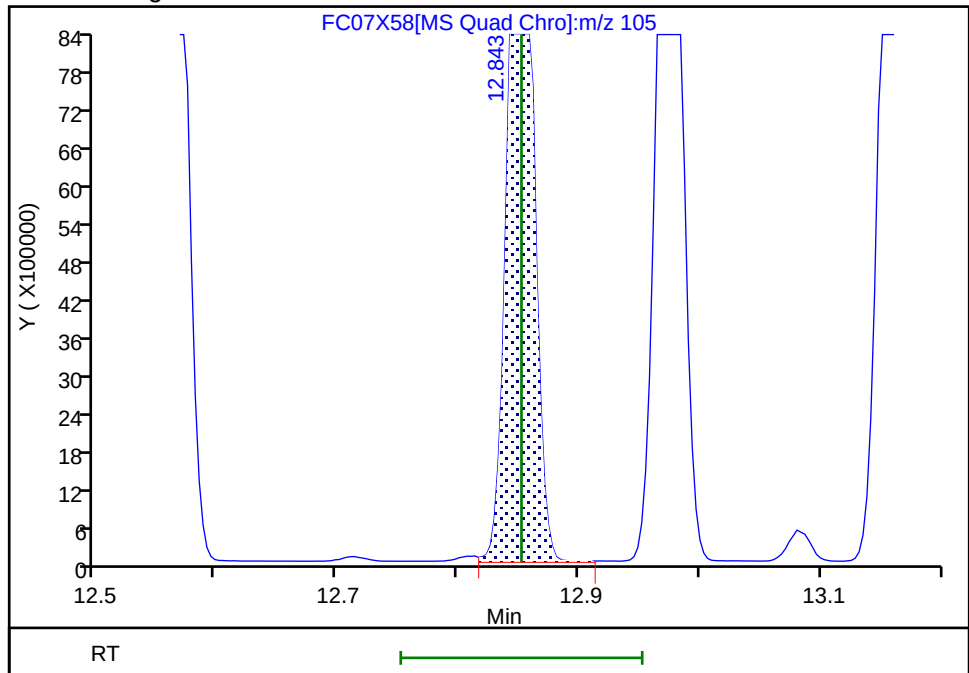
Not Detected
Expected RT: 12.85

Processing Integration Results



RT: 12.84
Area: 15147605
Amount: 301.9322
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 19:45:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

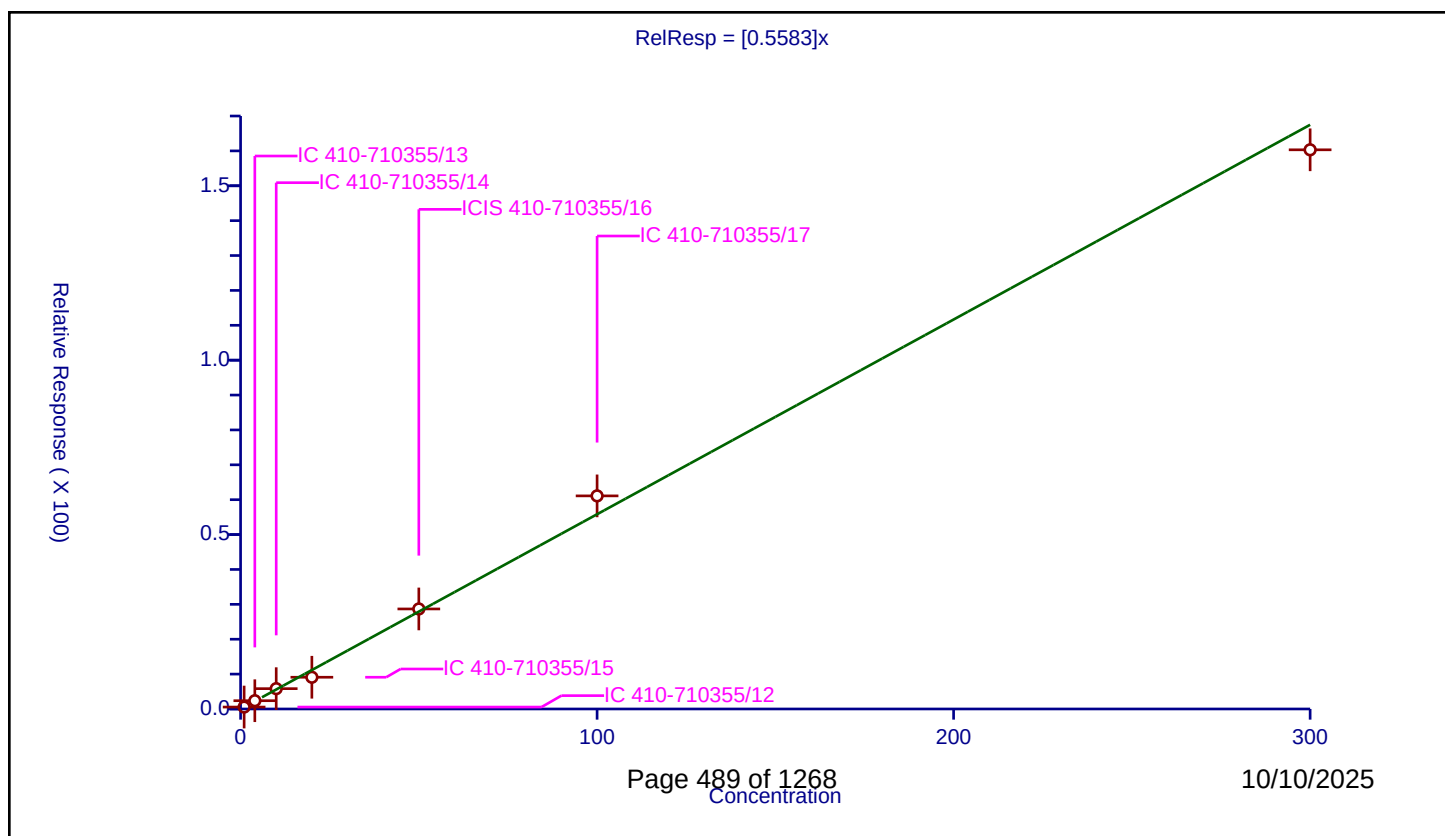
Curve Coefficients

Intercept: 0
Slope: 0.5583

Error Coefficients

Relative Standard Deviation: 9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.558044	50.0	2220344.0	0.558044	Y
2	IC 410-710355/13	4.0	2.371177	50.0	2465042.0	0.592794	Y
3	IC 410-710355/14	10.0	5.830275	50.0	3258431.0	0.583028	Y
4	IC 410-710355/15	20.0	9.104521	50.0	2207881.0	0.455226	Y
5	ICIS 410-710355/16	50.0	28.678874	50.0	2616813.0	0.573577	Y
6	IC 410-710355/17	100.0	61.094352	50.0	2663229.0	0.610944	Y
7	IC 410-710355/18	300.0	160.31083	50.0	2904606.0	0.534369	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

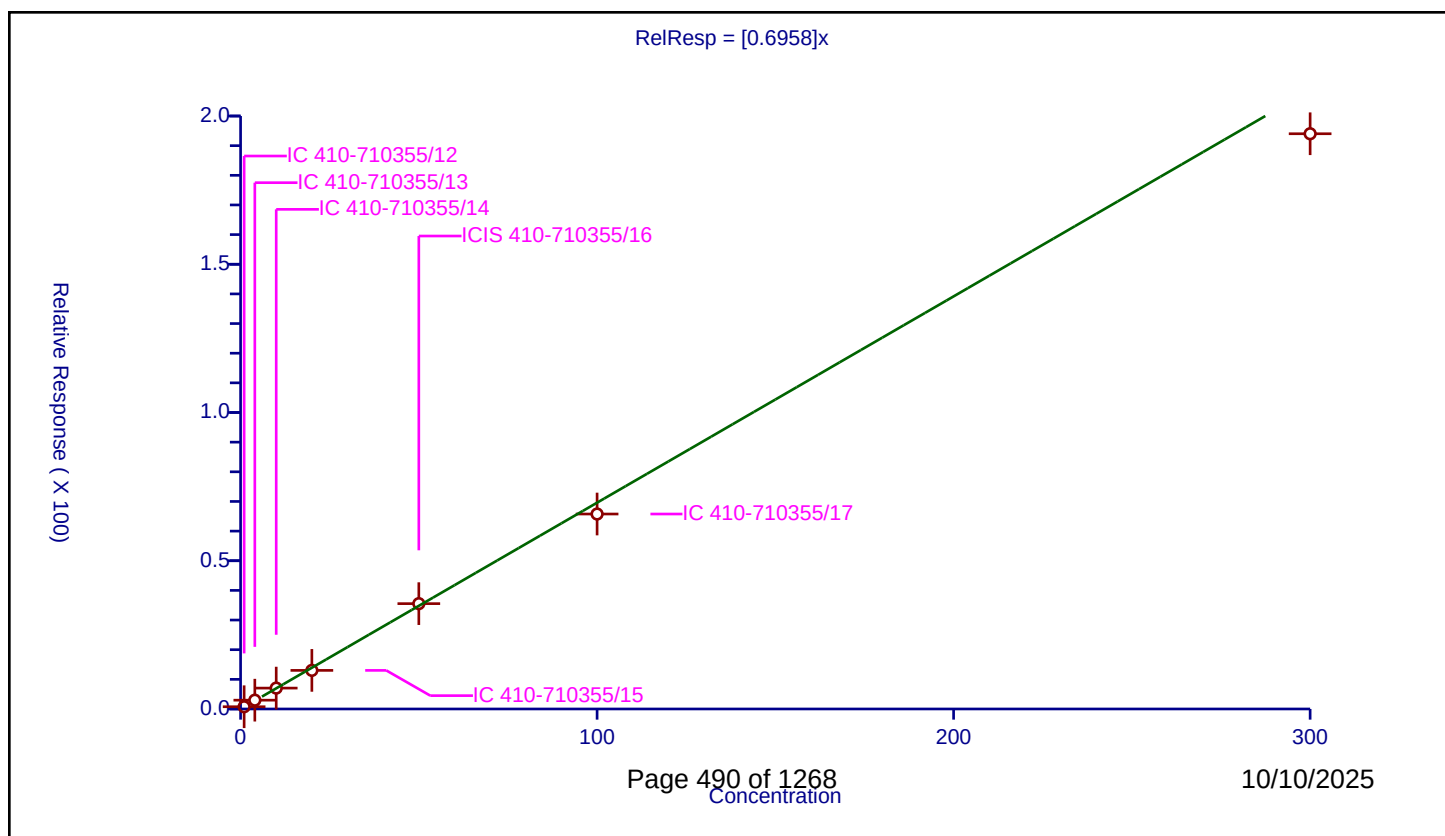
Curve Coefficients

Intercept: 0
Slope: 0.6958

Error Coefficients

Relative Standard Deviation: 6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.757383	50.0	2220344.0	0.757383	Y
2	IC 410-710355/13	4.0	2.970173	50.0	2465042.0	0.742543	Y
3	IC 410-710355/14	10.0	7.049298	50.0	3258431.0	0.70493	Y
4	IC 410-710355/15	20.0	13.01875	50.0	2207881.0	0.650937	Y
5	ICIS 410-710355/16	50.0	35.531886	50.0	2616813.0	0.710638	Y
6	IC 410-710355/17	100.0	65.760868	50.0	2663229.0	0.657609	Y
7	IC 410-710355/18	300.0	194.02017	50.0	2904606.0	0.646734	Y



Calibration

/ Vinyl chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

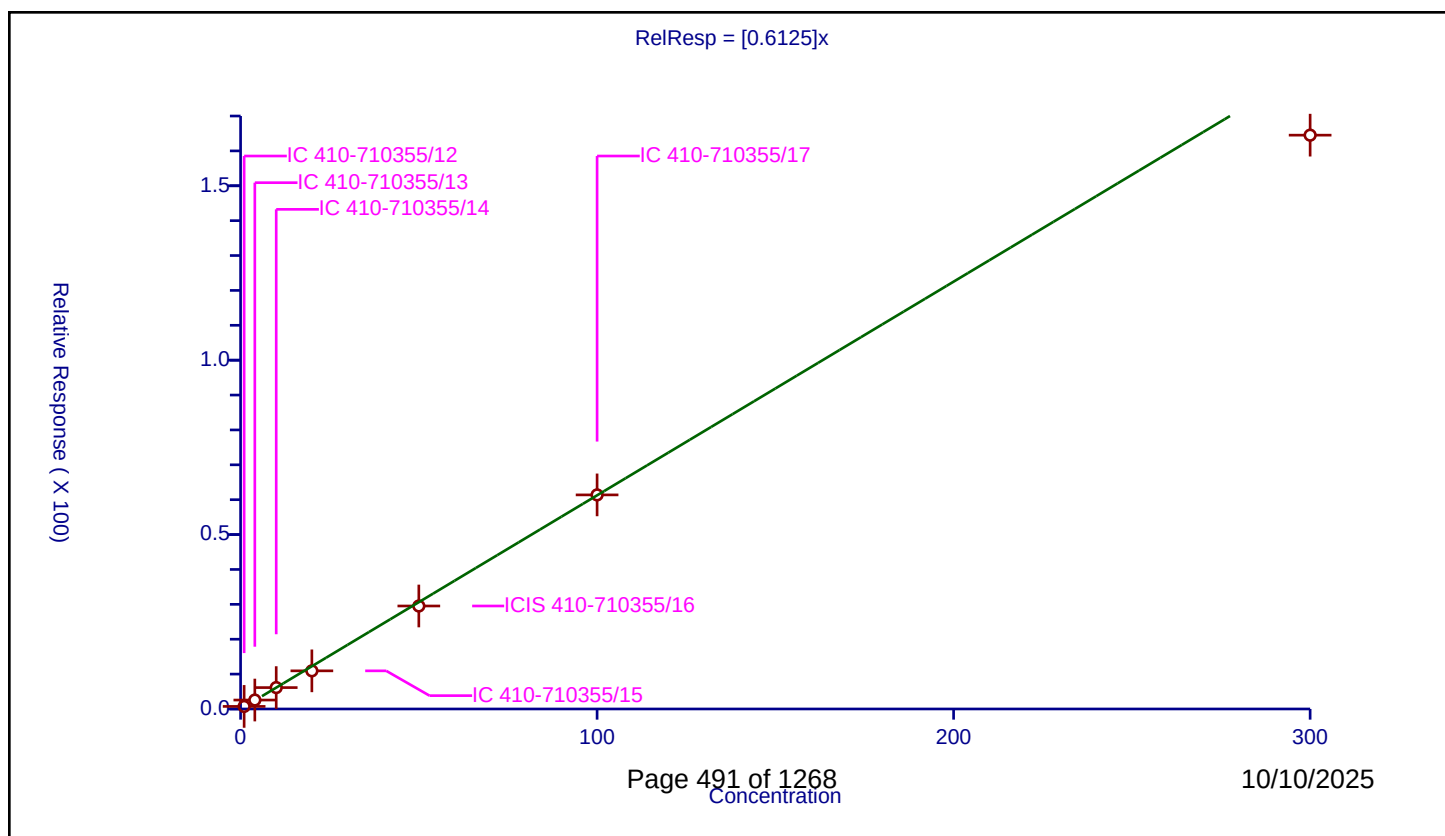
Curve Coefficients

Intercept: 0
 Slope: 0.6125

Error Coefficients

Relative Standard Deviation: 10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.734098	50.0	2220344.0	0.734098	Y
2	IC 410-710355/13	4.0	2.564135	50.0	2465042.0	0.641034	Y
3	IC 410-710355/14	10.0	6.133888	50.0	3258431.0	0.613389	Y
4	IC 410-710355/15	20.0	10.932926	50.0	2207881.0	0.546646	Y
5	ICIS 410-710355/16	50.0	29.525285	50.0	2616813.0	0.590506	Y
6	IC 410-710355/17	100.0	61.377673	50.0	2663229.0	0.613777	Y
7	IC 410-710355/18	300.0	164.511349	50.0	2904606.0	0.548371	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

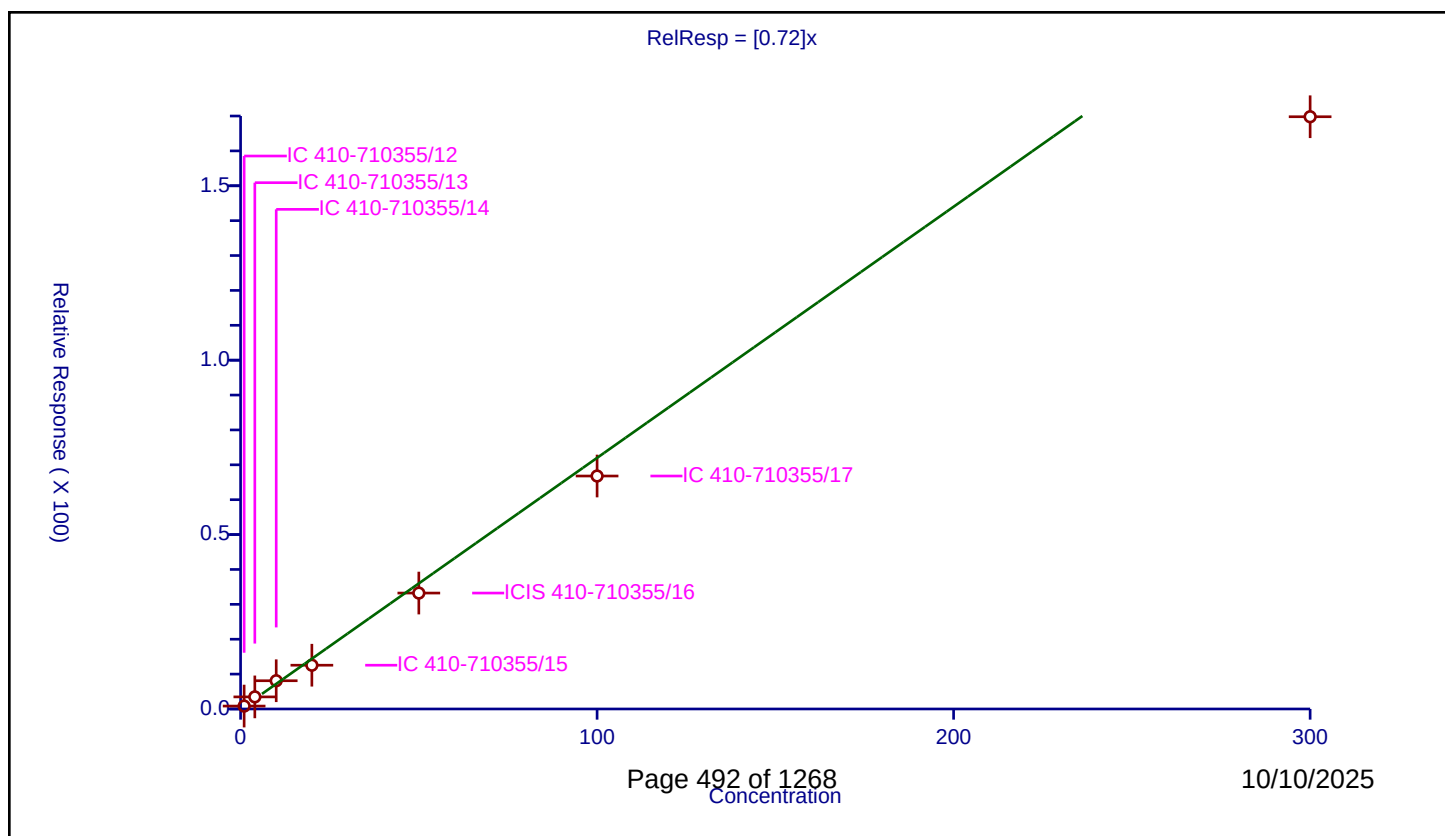
Curve Coefficients

Intercept: 0
Slope: 0.72

Error Coefficients

Relative Standard Deviation: 16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.836379	50.0	2220344.0	0.836379	Y
2	IC 410-710355/13	4.0	3.470347	50.0	2465042.0	0.867587	Y
3	IC 410-710355/14	10.0	8.096872	50.0	3258431.0	0.809687	Y
4	IC 410-710355/15	20.0	12.552647	50.0	2207881.0	0.627632	Y
5	ICIS 410-710355/16	50.0	33.233766	50.0	2616813.0	0.664675	Y
6	IC 410-710355/17	100.0	66.79435	50.0	2663229.0	0.667944	Y
7	IC 410-710355/18	300.0	169.790877	50.0	2904606.0	0.56597	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

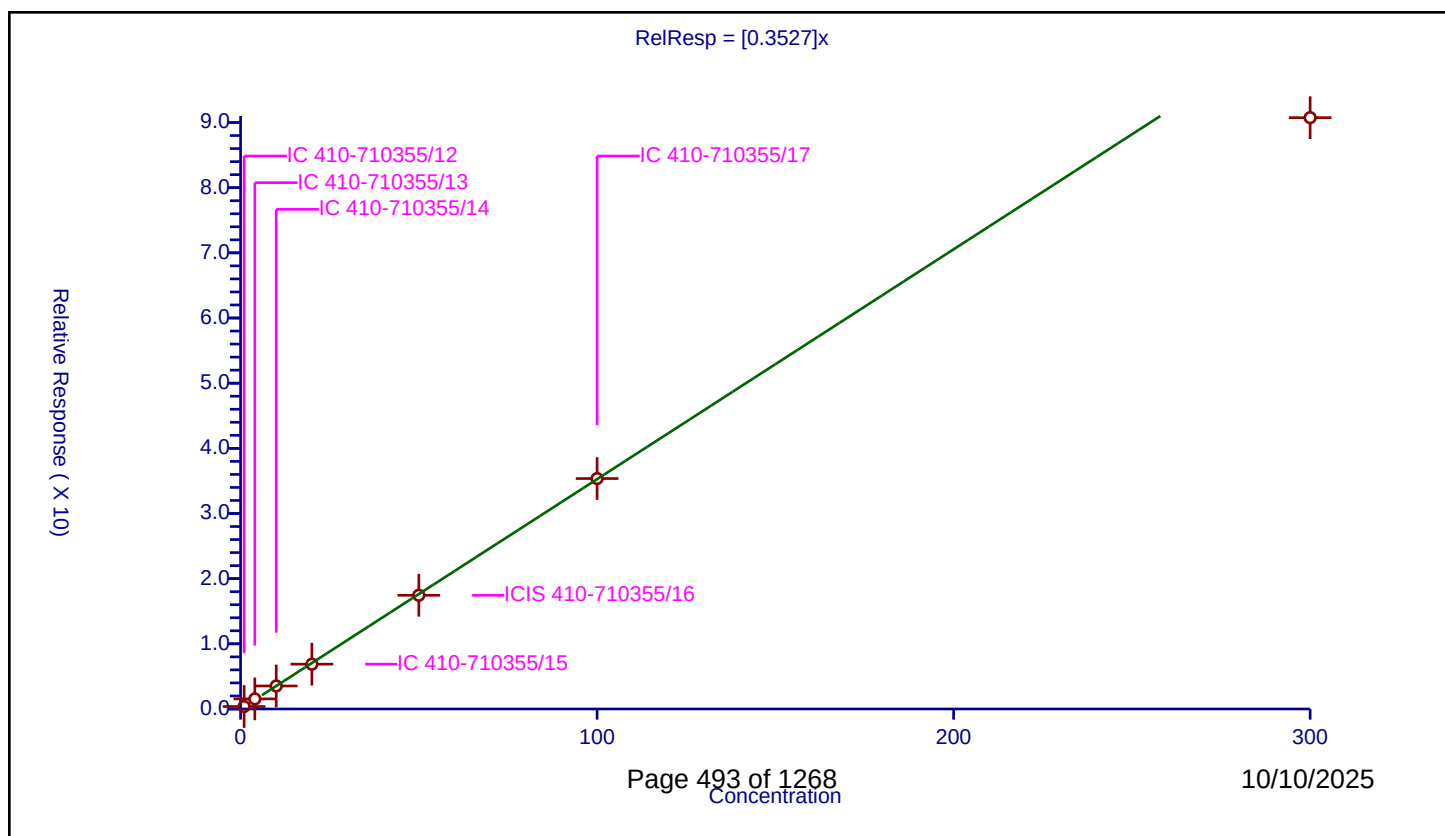
Curve Coefficients

Intercept: 0
Slope: 0.3527

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.380054	50.0	2220344.0	0.380054	Y
2	IC 410-710355/13	4.0	1.547702	50.0	2465042.0	0.386925	Y
3	IC 410-710355/14	10.0	3.529981	50.0	3258431.0	0.352998	Y
4	IC 410-710355/15	20.0	6.87648	50.0	2207881.0	0.343824	Y
5	ICIS 410-710355/16	50.0	17.453387	50.0	2616813.0	0.349068	Y
6	IC 410-710355/17	100.0	35.364965	50.0	2663229.0	0.35365	Y
7	IC 410-710355/18	300.0	90.746232	50.0	2904606.0	0.302487	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

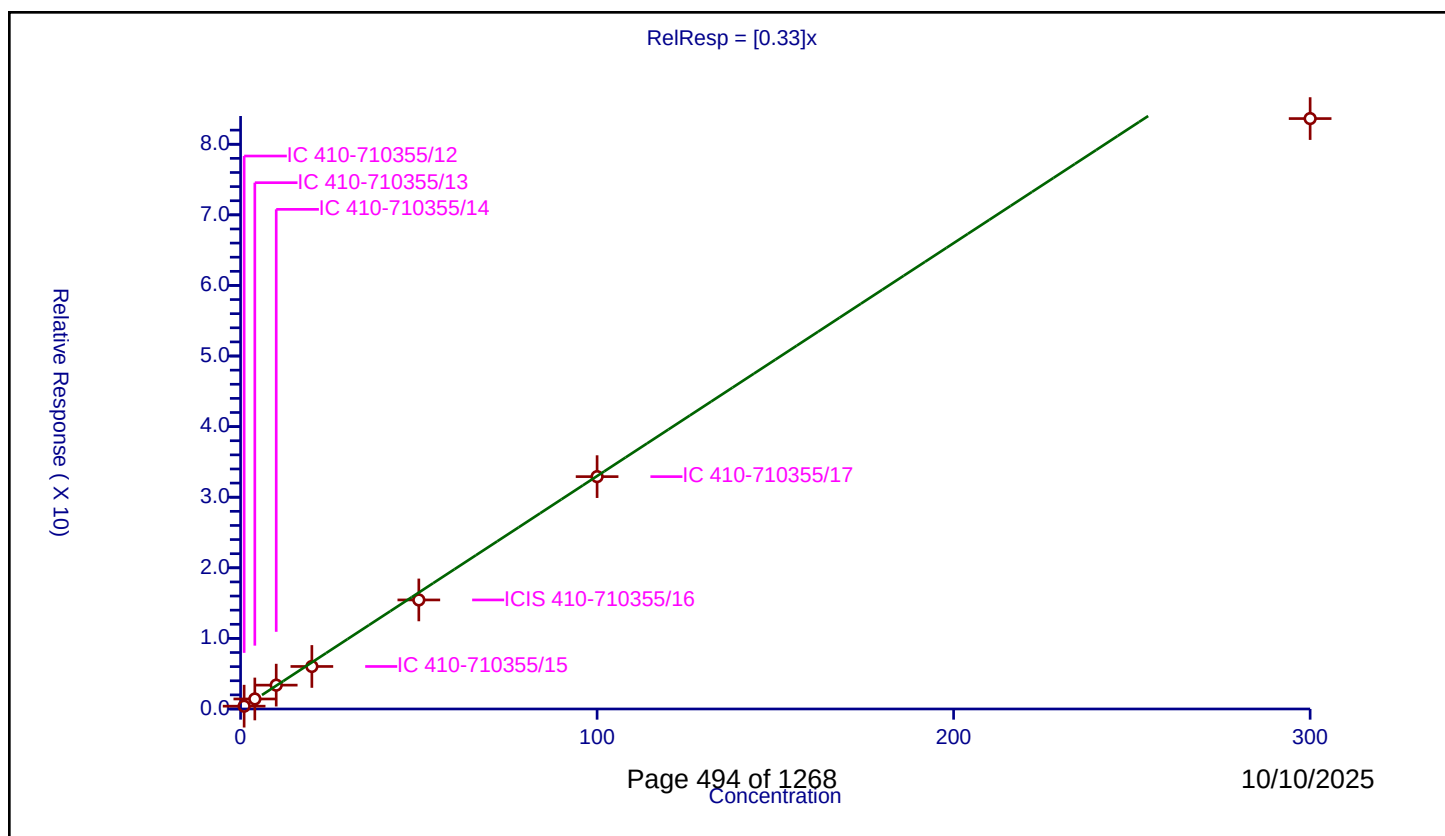
Curve Coefficients

Intercept: 0
Slope: 0.33

Error Coefficients

Relative Standard Deviation: 12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.399105	50.0	2220344.0	0.399105	Y
2	IC 410-710355/13	4.0	1.418495	50.0	2465042.0	0.354624	Y
3	IC 410-710355/14	10.0	3.377791	50.0	3258431.0	0.337779	Y
4	IC 410-710355/15	20.0	6.024736	50.0	2207881.0	0.301237	Y
5	ICIS 410-710355/16	50.0	15.449232	50.0	2616813.0	0.308985	Y
6	IC 410-710355/17	100.0	32.91634	50.0	2663229.0	0.329163	Y
7	IC 410-710355/18	300.0	83.63649	50.0	2904606.0	0.278788	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

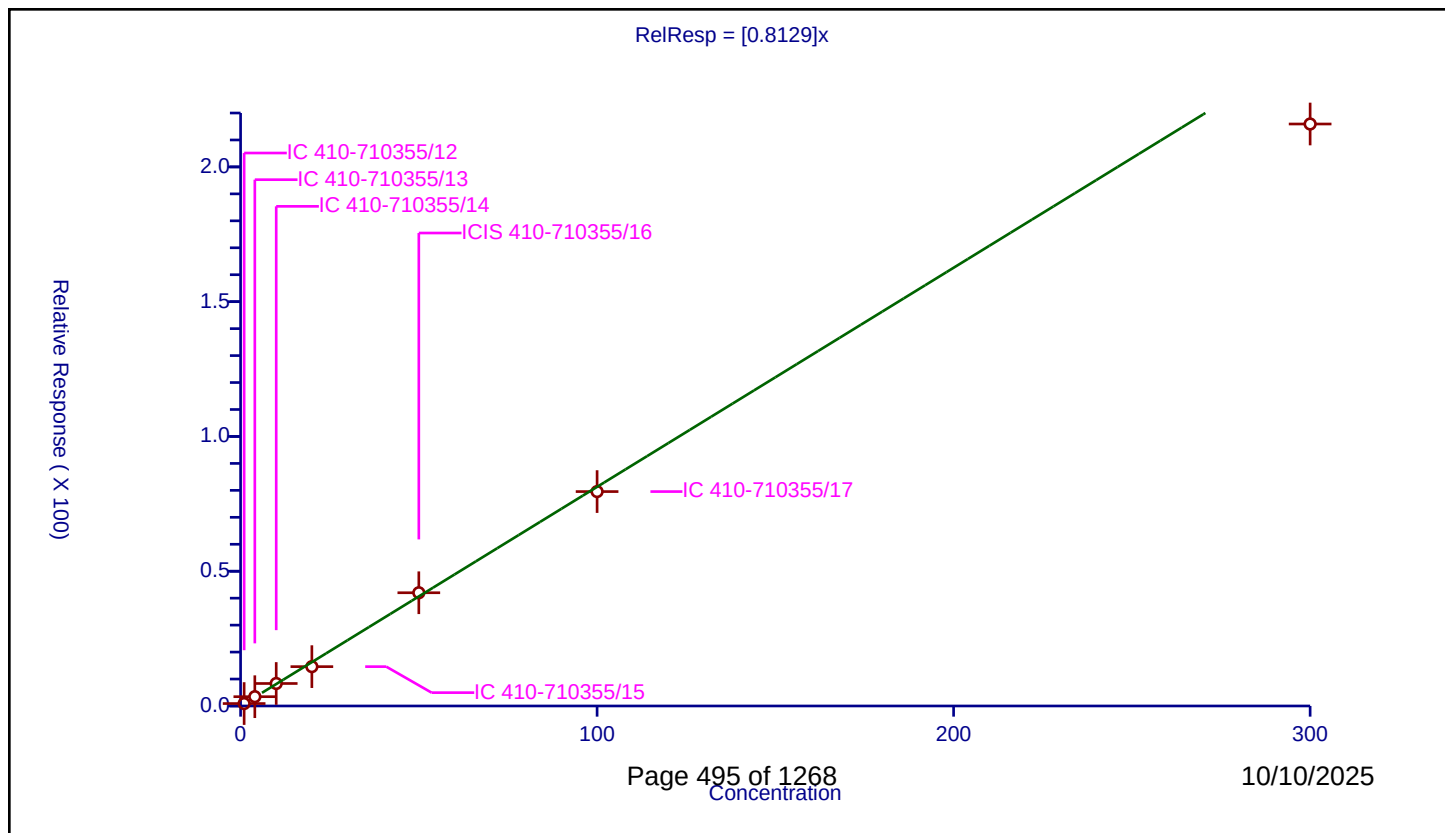
Curve Coefficients

Intercept: 0
Slope: 0.8129

Error Coefficients

Relative Standard Deviation: 8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.909386	50.0	2220344.0	0.909386	Y
2	IC 410-710355/13	4.0	3.445033	50.0	2465042.0	0.861258	Y
3	IC 410-710355/14	10.0	8.346763	50.0	3258431.0	0.834676	Y
4	IC 410-710355/15	20.0	14.596394	50.0	2207881.0	0.72982	Y
5	ICIS 410-710355/16	50.0	42.011007	50.0	2616813.0	0.84022	Y
6	IC 410-710355/17	100.0	79.546671	50.0	2663229.0	0.795467	Y
7	IC 410-710355/18	300.0	215.925069	50.0	2904606.0	0.71975	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

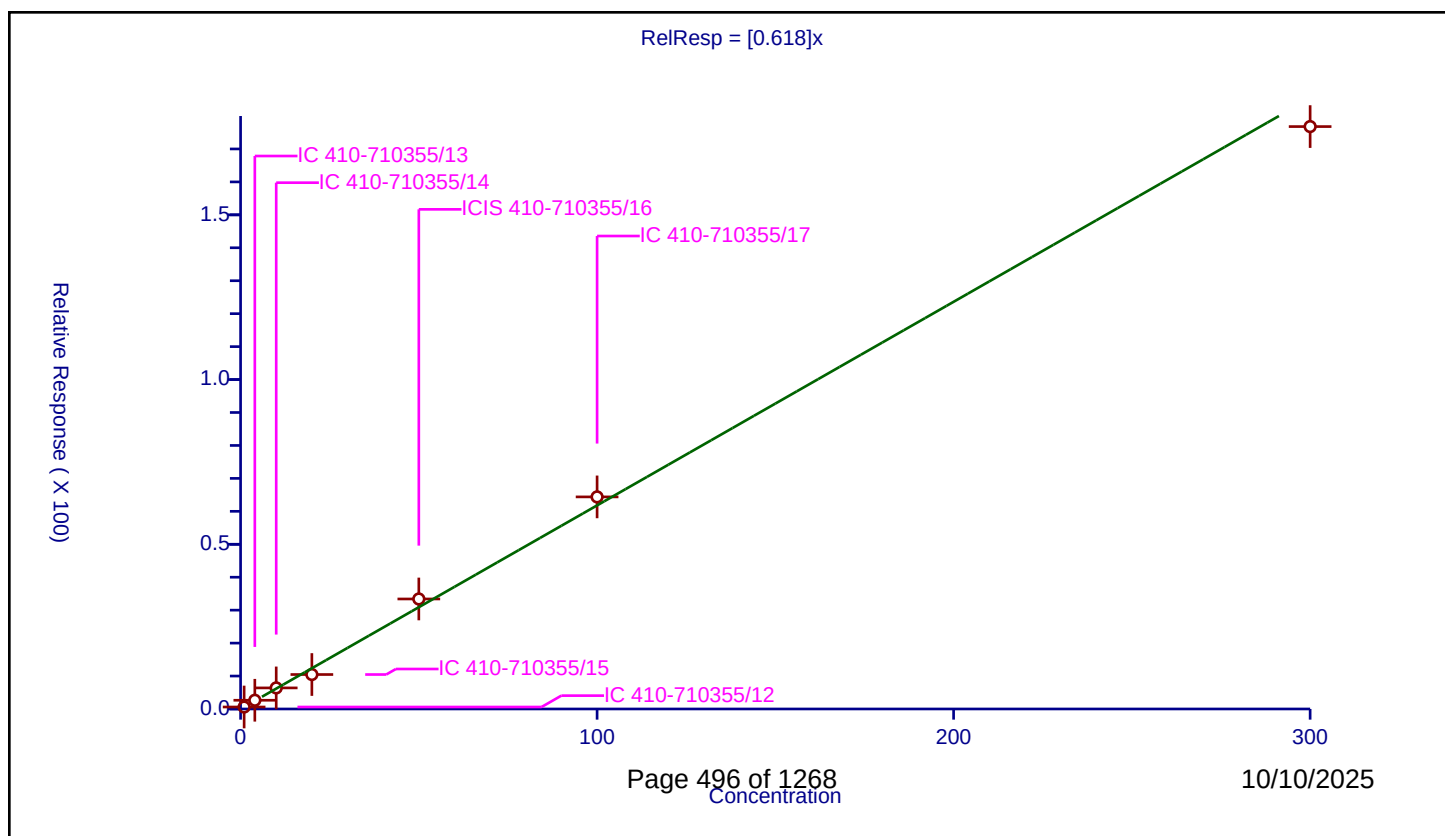
Curve Coefficients

Intercept: 0
Slope: 0.618

Error Coefficients

Relative Standard Deviation: 8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.600222	50.0	2220344.0	0.600222	Y
2	IC 410-710355/13	4.0	2.648393	50.0	2465042.0	0.662098	Y
3	IC 410-710355/14	10.0	6.398463	50.0	3258431.0	0.639846	Y
4	IC 410-710355/15	20.0	10.459916	50.0	2207881.0	0.522996	Y
5	ICIS 410-710355/16	50.0	33.391992	50.0	2616813.0	0.66784	Y
6	IC 410-710355/17	100.0	64.38087	50.0	2663229.0	0.643809	Y
7	IC 410-710355/18	300.0	176.795269	50.0	2904606.0	0.589318	Y



Calibration

/ Pentane

Curve Type: Linear
Weighting: None
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

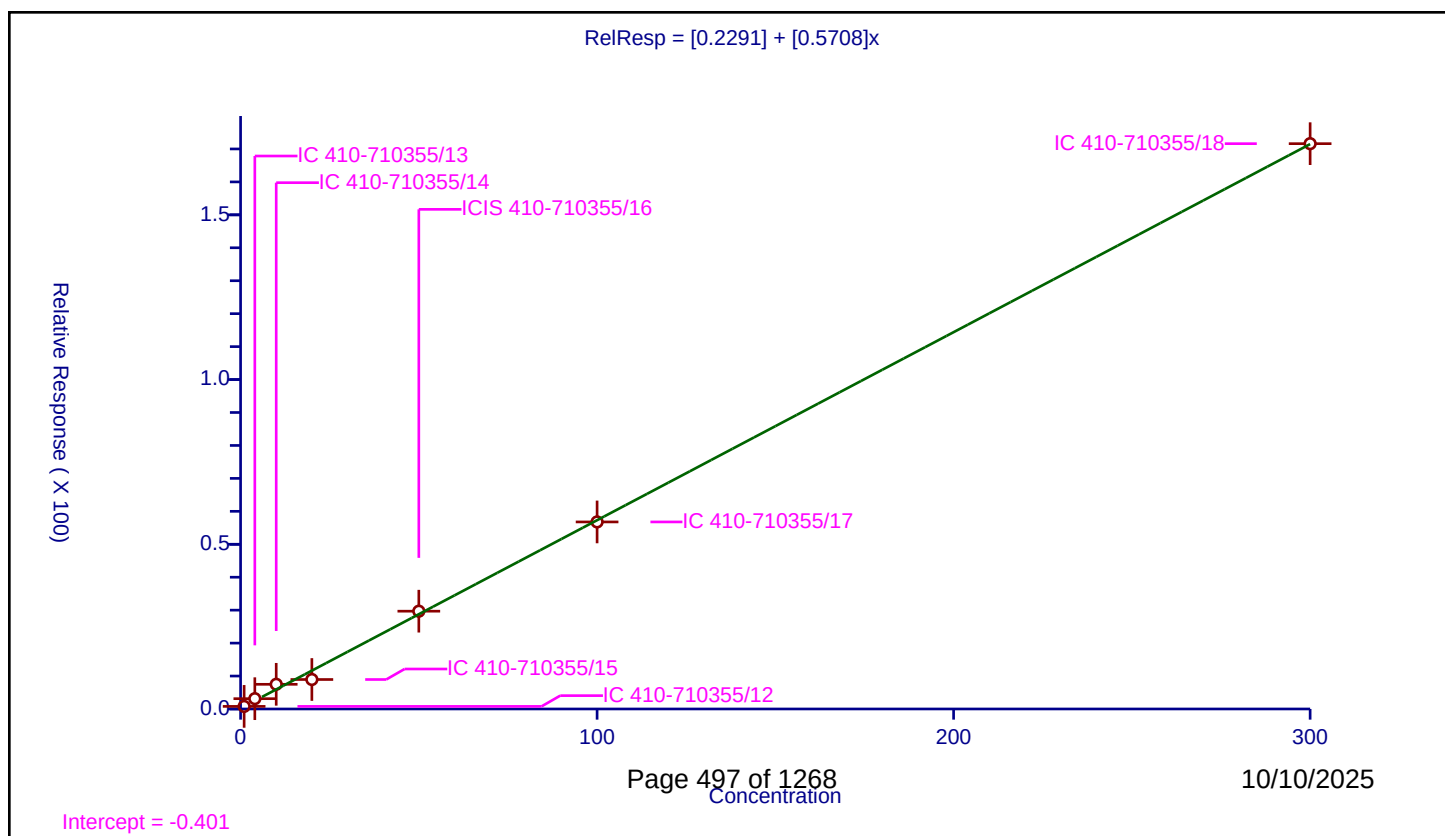
Curve Coefficients

Intercept: 0.2291
Slope: 0.5708

Error Coefficients

Relative Standard Deviation: 20.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.7899	50.0	2220344.0	0.7899	Y
2	IC 410-710355/13	4.0	3.129642	50.0	2465042.0	0.782411	Y
3	IC 410-710355/14	10.0	7.493254	50.0	3258431.0	0.749325	Y
4	IC 410-710355/15	20.0	8.945523	50.0	2207881.0	0.447276	Y
5	ICIS 410-710355/16	50.0	29.686646	50.0	2616813.0	0.593733	Y
6	IC 410-710355/17	100.0	56.783758	50.0	2663229.0	0.567838	Y
7	IC 410-710355/18	300.0	171.60713	50.0	2904606.0	0.572024	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

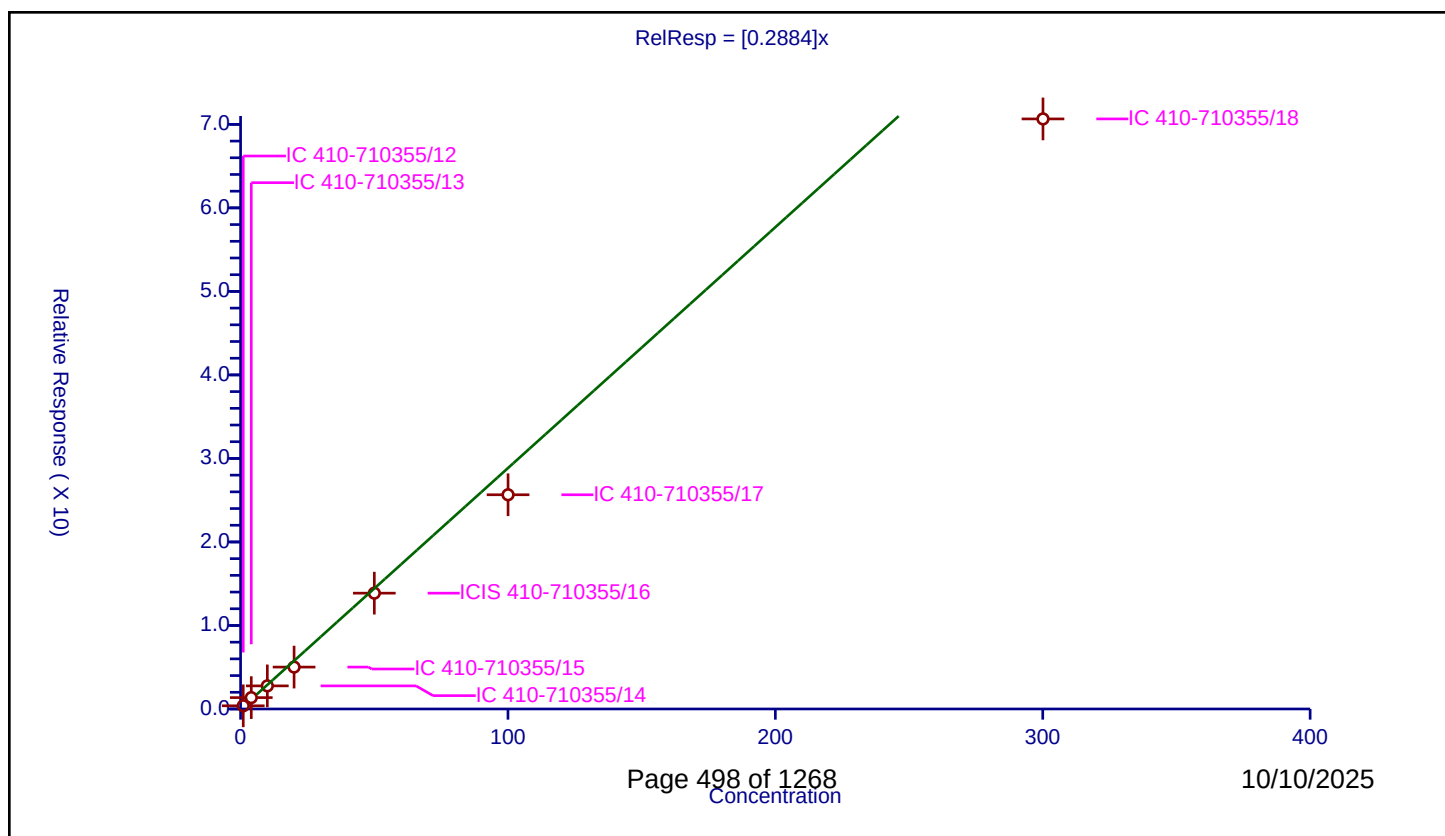
Curve Coefficients

Intercept: 0
Slope: 0.2884

Error Coefficients

Relative Standard Deviation: 18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.000332	0.382238	50.0	2220344.0	0.382111	Y
2	IC 410-710355/13	4.001328	1.362512	50.0	2465042.0	0.340515	Y
3	IC 410-710355/14	10.00332	2.766025	50.0	3258431.0	0.276511	Y
4	IC 410-710355/15	20.00664	5.016937	50.0	2207881.0	0.250764	Y
5	ICIS 410-710355/16	50.0166	13.870059	50.0	2616813.0	0.277309	Y
6	IC 410-710355/17	100.0332	25.650592	50.0	2663229.0	0.256421	Y
7	IC 410-710355/18	300.0996	70.650598	50.0	2904606.0	0.235424	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

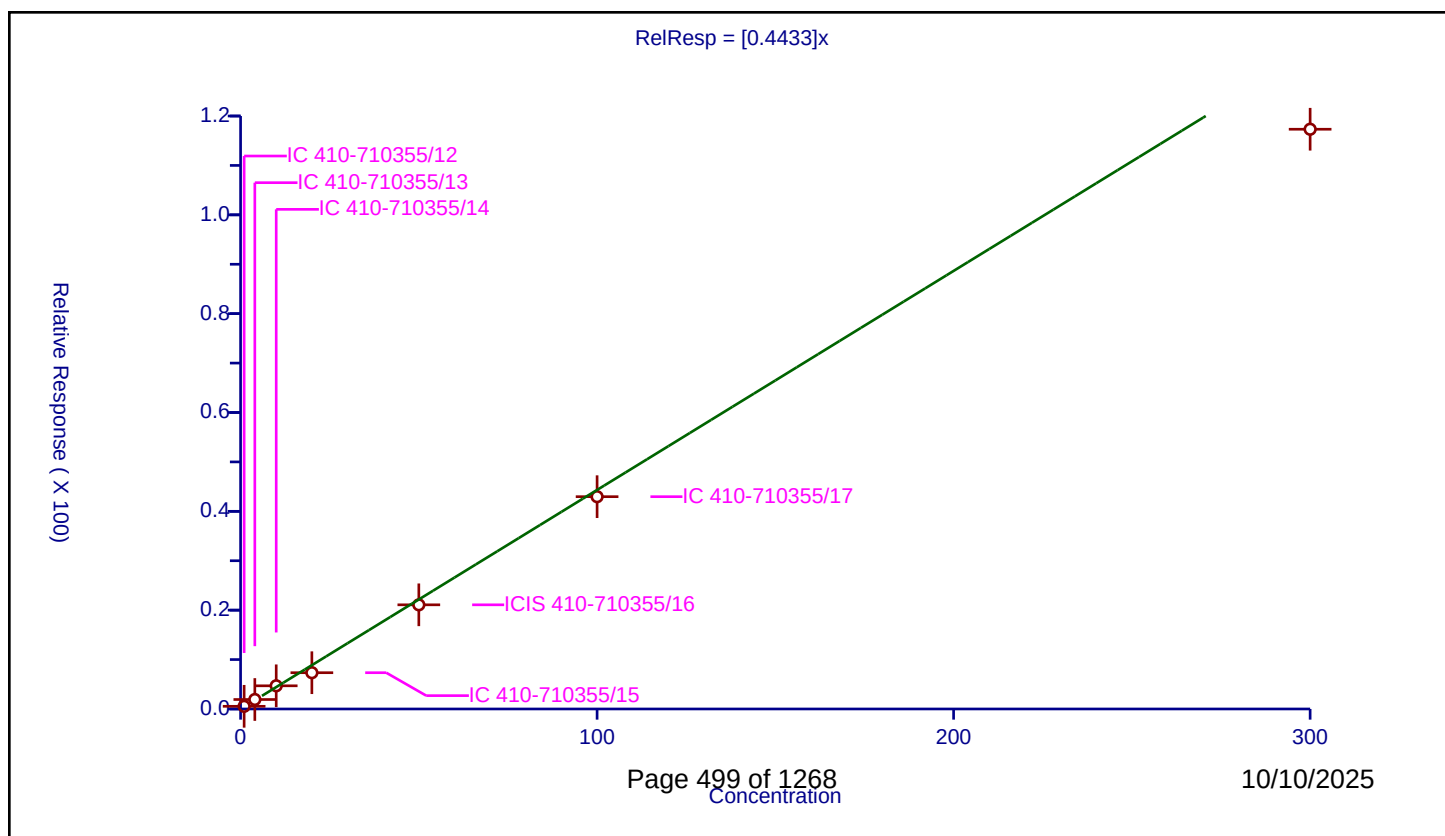
Curve Coefficients

Intercept: 0
Slope: 0.4433

Error Coefficients

Relative Standard Deviation: 13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.54442	50.0	2220344.0	0.54442	Y
2	IC 410-710355/13	4.0	1.918791	50.0	2465042.0	0.479698	Y
3	IC 410-710355/14	10.0	4.694499	50.0	3258431.0	0.46945	Y
4	IC 410-710355/15	20.0	7.339458	50.0	2207881.0	0.366973	Y
5	ICIS 410-710355/16	50.0	21.079401	50.0	2616813.0	0.421588	Y
6	IC 410-710355/17	100.0	42.962415	50.0	2663229.0	0.429624	Y
7	IC 410-710355/18	300.0	117.324949	50.0	2904606.0	0.391083	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

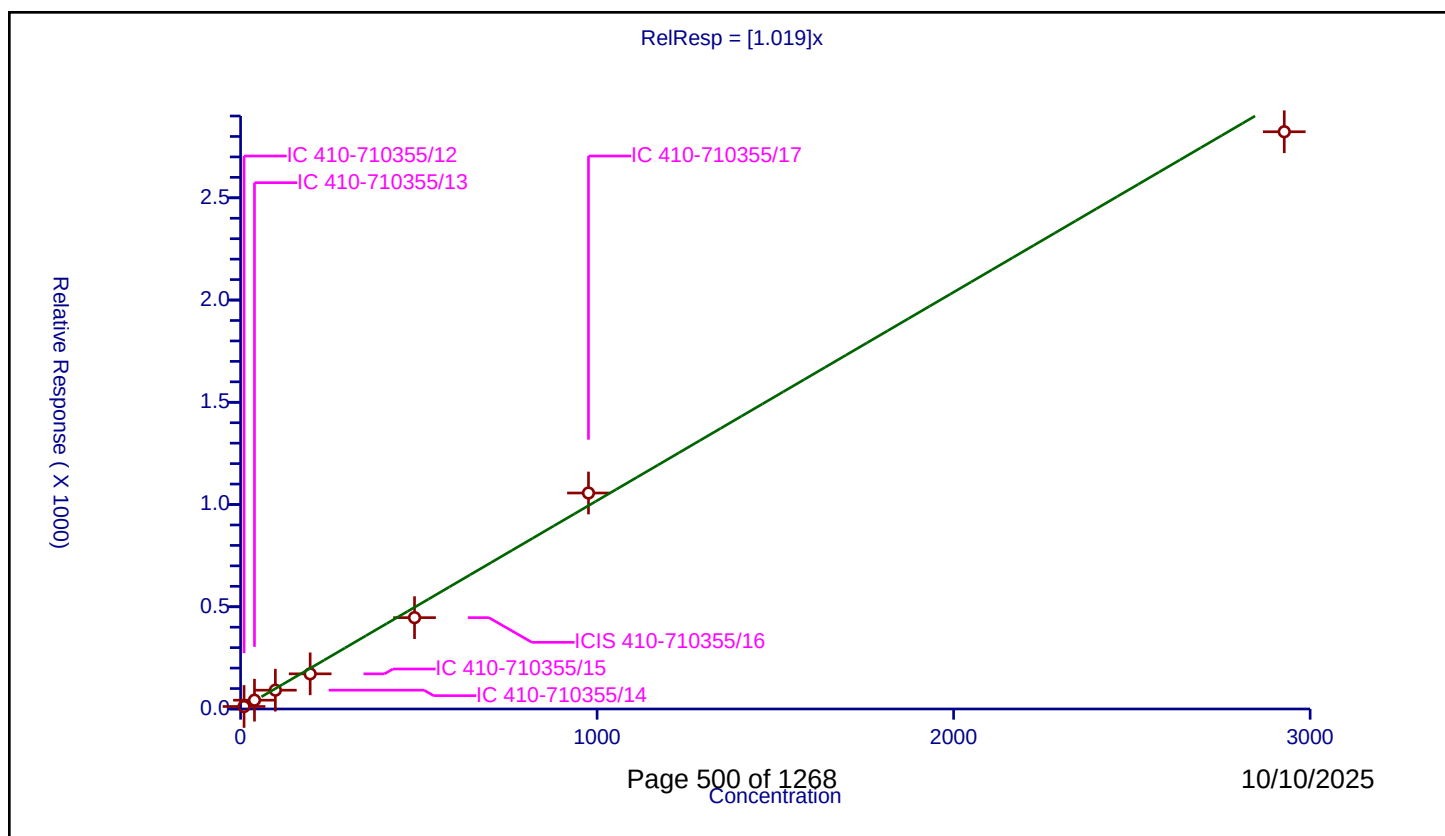
Curve Coefficients

Intercept: 0
Slope: 1.019

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	9.758304	12.13044	250.0	1926785.0	1.243089	Y
2	IC 410-710355/13	39.033216	43.143095	250.0	1976081.0	1.105292	Y
3	IC 410-710355/14	97.58304	91.976559	250.0	2740788.0	0.942547	Y
4	IC 410-710355/15	195.16608	171.90235	250.0	1753878.0	0.8808	Y
5	ICIS 410-710355/16	487.9152	446.714306	250.0	2093728.0	0.915557	Y
6	IC 410-710355/17	975.830399	1056.340612	250.0	1943030.0	1.082504	Y
7	IC 410-710355/18	2927.491198	2823.083214	250.0	2125146.0	0.964335	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

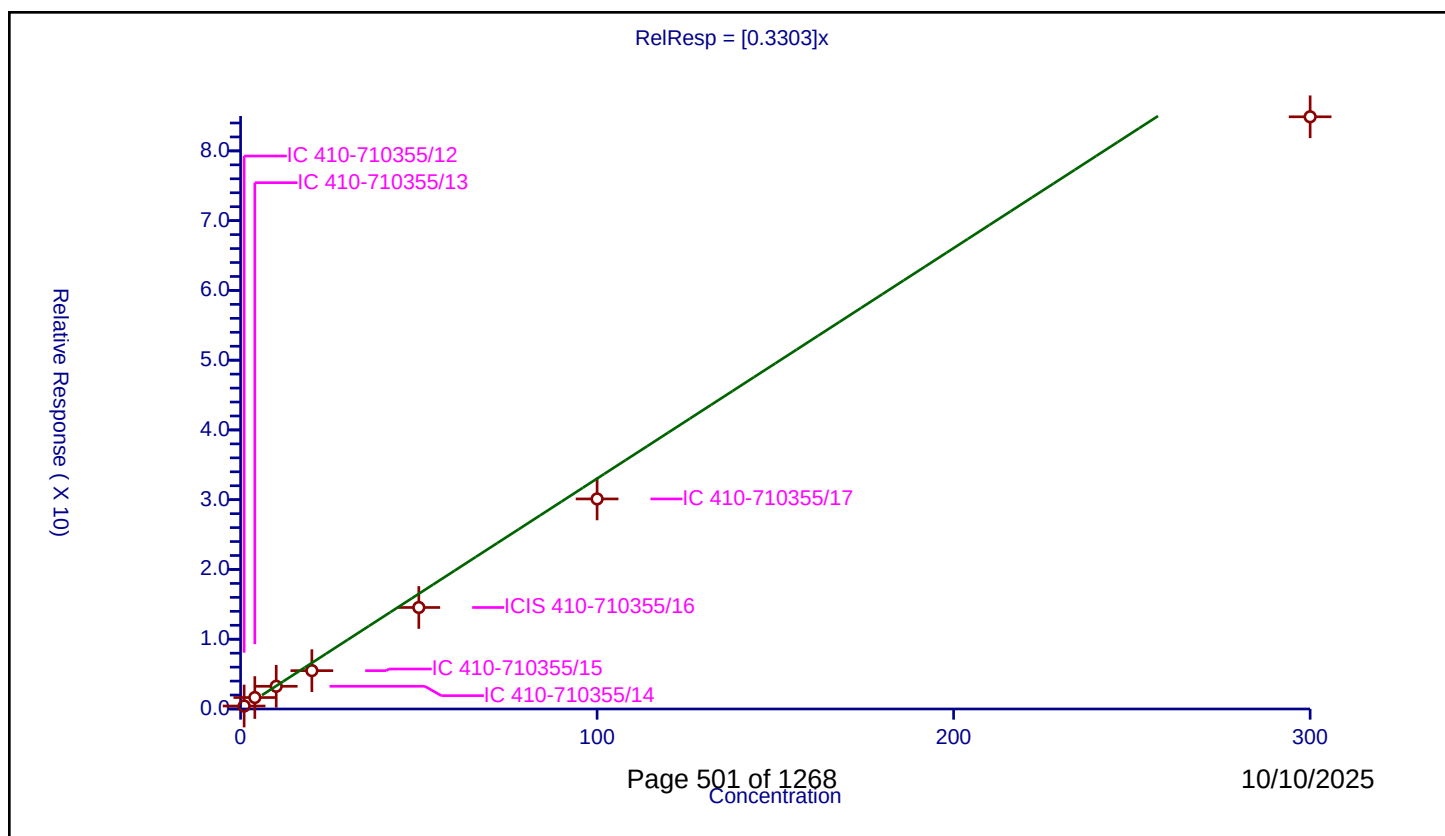
Curve Coefficients

Intercept: 0
Slope: 0.3303

Error Coefficients

Relative Standard Deviation: 18.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.426578	50.0	2220344.0	0.426578	Y
2	IC 410-710355/13	4.0	1.641554	50.0	2465042.0	0.410389	Y
3	IC 410-710355/14	10.0	3.253238	50.0	3258431.0	0.325324	Y
4	IC 410-710355/15	20.0	5.49545	50.0	2207881.0	0.274773	Y
5	ICIS 410-710355/16	50.0	14.549244	50.0	2616813.0	0.290985	Y
6	IC 410-710355/17	100.0	30.112732	50.0	2663229.0	0.301127	Y
7	IC 410-710355/18	300.0	84.890154	50.0	2904606.0	0.282967	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

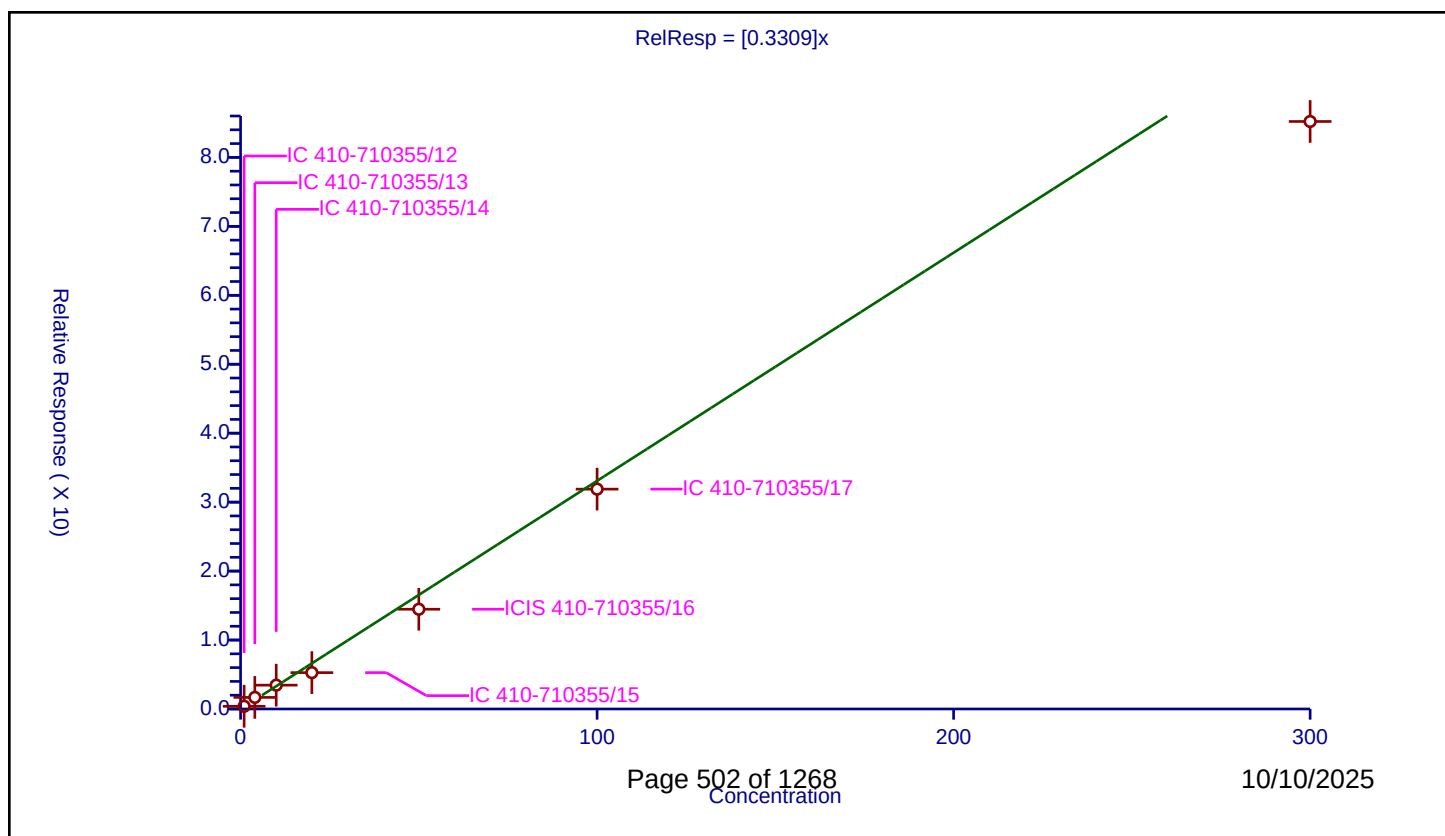
Curve Coefficients

Intercept: 0
Slope: 0.3309

Error Coefficients

Relative Standard Deviation: 17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.394286	50.0	2220344.0	0.394286	Y
2	IC 410-710355/13	4.0	1.680742	50.0	2465042.0	0.420186	Y
3	IC 410-710355/14	10.0	3.45694	50.0	3258431.0	0.345694	Y
4	IC 410-710355/15	20.0	5.274469	50.0	2207881.0	0.263723	Y
5	ICIS 410-710355/16	50.0	14.466529	50.0	2616813.0	0.289331	Y
6	IC 410-710355/17	100.0	31.886631	50.0	2663229.0	0.318866	Y
7	IC 410-710355/18	300.0	85.206995	50.0	2904606.0	0.284023	Y



Calibration

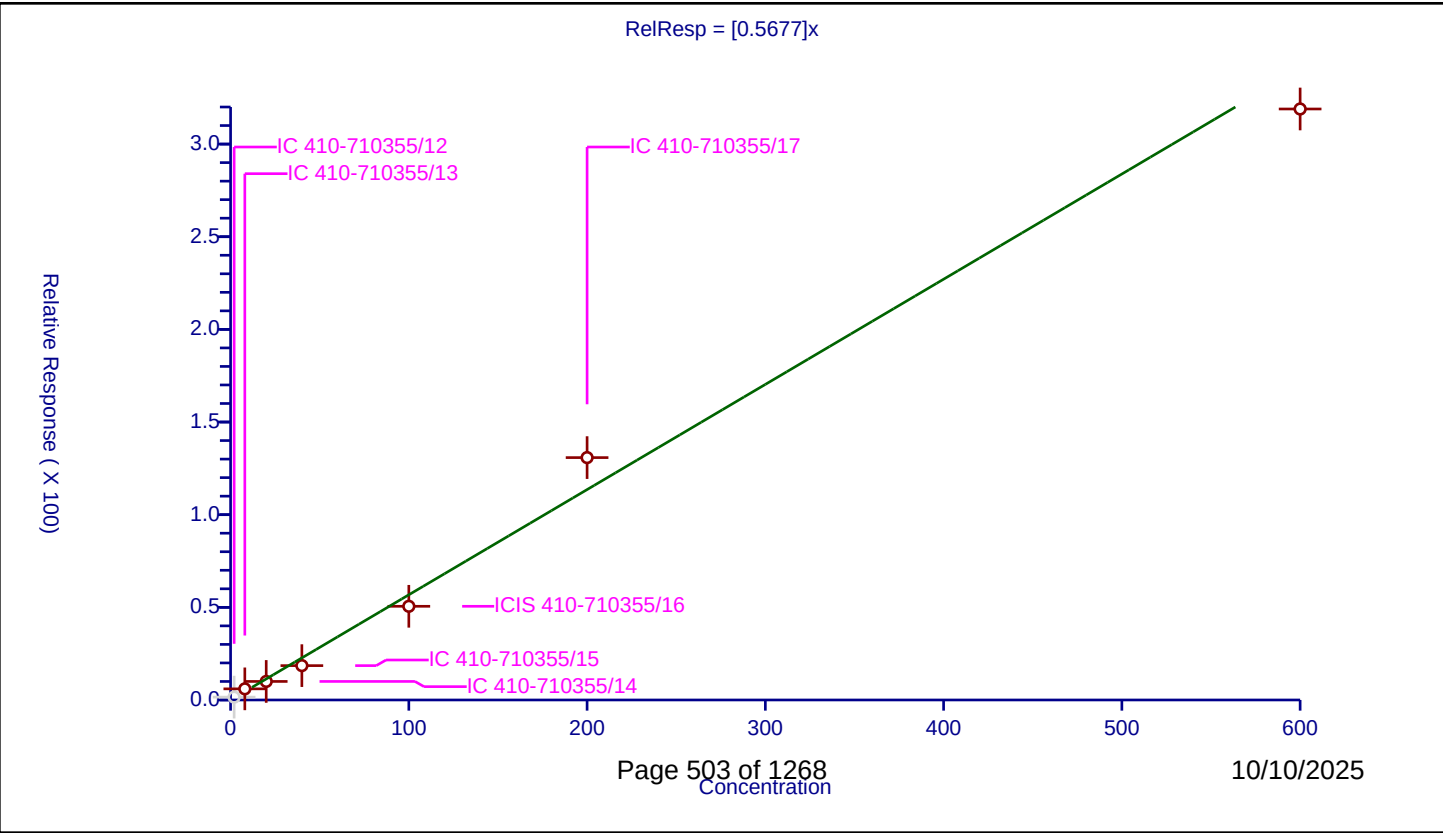
/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5677
Error Coefficients	

Relative Standard Deviation: 19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	1.548175	250.0	1926785.0	0.774087	N
2	IC 410-710355/13	8.0	6.005574	250.0	1976081.0	0.750697	Y
3	IC 410-710355/14	20.0	10.013635	250.0	2740788.0	0.500682	Y
4	IC 410-710355/15	40.0	18.543337	250.0	1753878.0	0.463583	Y
5	ICIS 410-710355/16	100.0	50.557188	250.0	2093728.0	0.505572	Y
6	IC 410-710355/17	200.0	130.803565	250.0	1943030.0	0.654018	Y
7	IC 410-710355/18	600.0	318.93844	250.0	2125146.0	0.531564	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

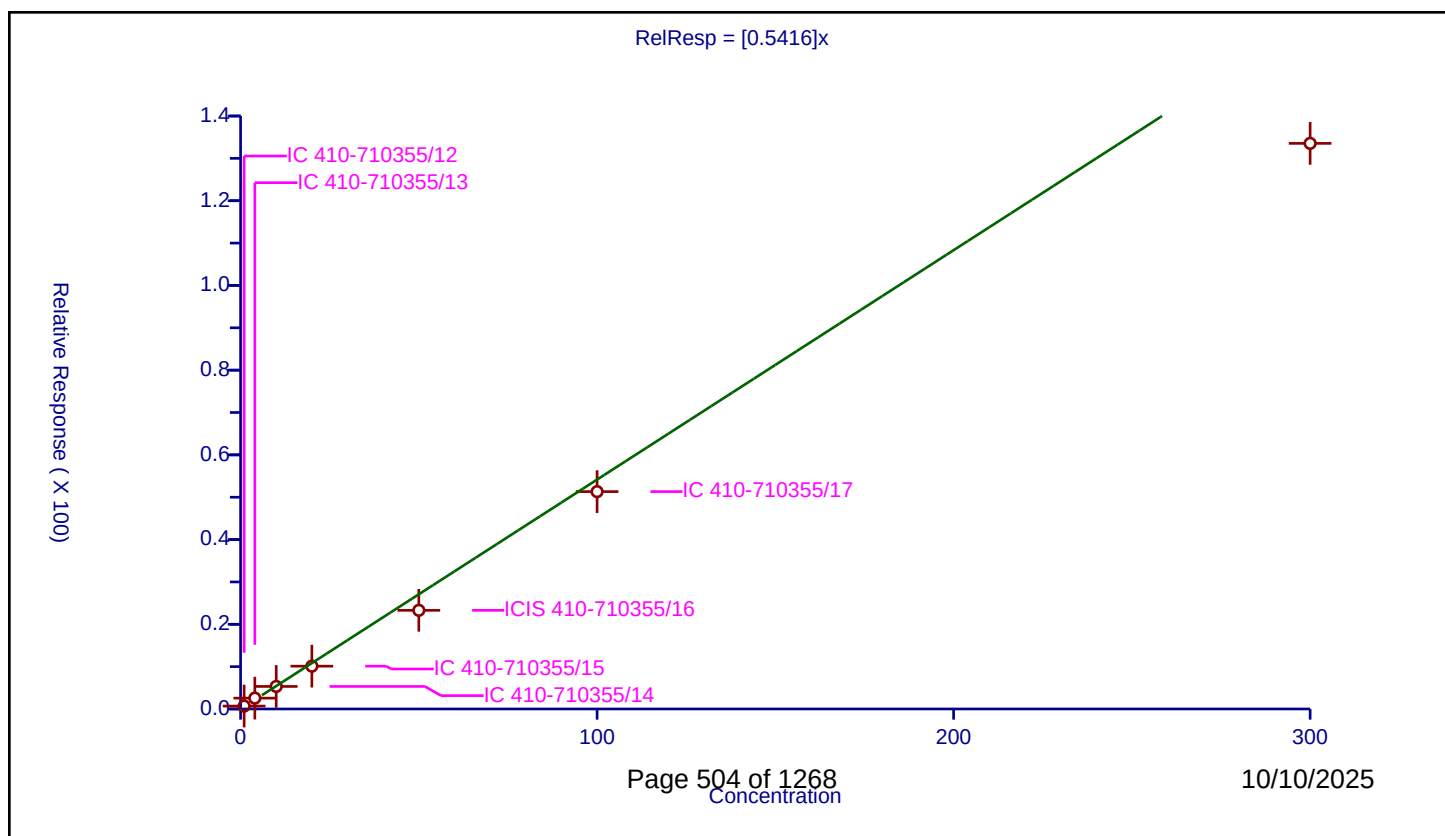
Curve Coefficients

Intercept: 0
Slope: 0.5416

Error Coefficients

Relative Standard Deviation: 16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.687821	50.0	2220344.0	0.687821	Y
2	IC 410-710355/13	4.0	2.565697	50.0	2465042.0	0.641424	Y
3	IC 410-710355/14	10.0	5.324019	50.0	3258431.0	0.532402	Y
4	IC 410-710355/15	20.0	10.108697	50.0	2207881.0	0.505435	Y
5	ICIS 410-710355/16	50.0	23.292646	50.0	2616813.0	0.465853	Y
6	IC 410-710355/17	100.0	51.323994	50.0	2663229.0	0.51324	Y
7	IC 410-710355/18	300.0	133.543	50.0	2904606.0	0.445143	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

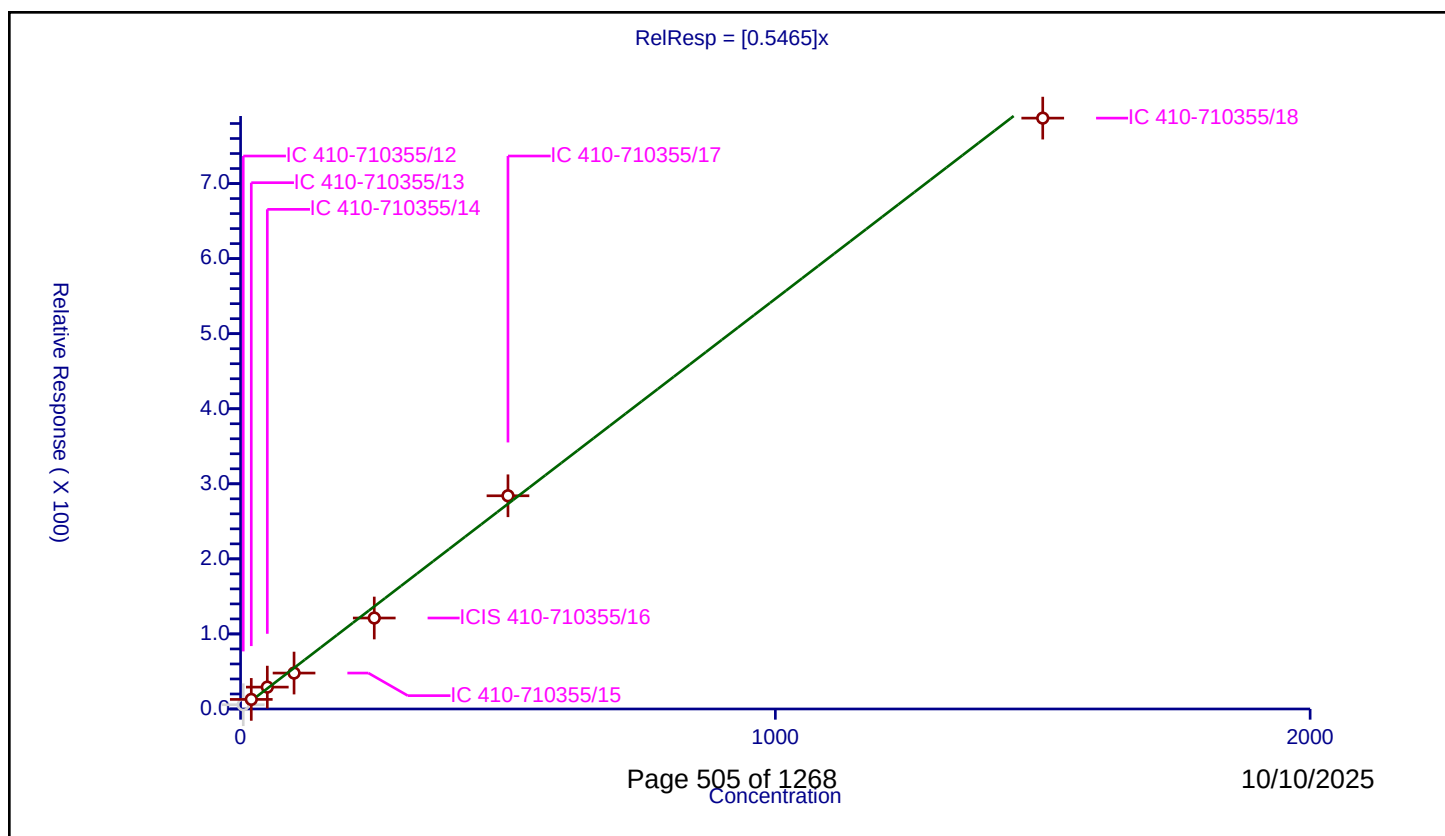
Curve Coefficients

Intercept: 0
Slope: 0.5465

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	5.670326	250.0	1926785.0	1.134065	N
2	IC 410-710355/13	20.0	12.782877	250.0	1976081.0	0.639144	Y
3	IC 410-710355/14	50.0	29.16424	250.0	2740788.0	0.583285	Y
4	IC 410-710355/15	100.0	47.856379	250.0	1753878.0	0.478564	Y
5	ICIS 410-710355/16	250.0	121.215602	250.0	2093728.0	0.484862	Y
6	IC 410-710355/17	500.0	284.048368	250.0	1943030.0	0.568097	Y
7	IC 410-710355/18	1500.0	787.178034	250.0	2125146.0	0.524785	Y



Calibration

/ Carbon disulfide

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

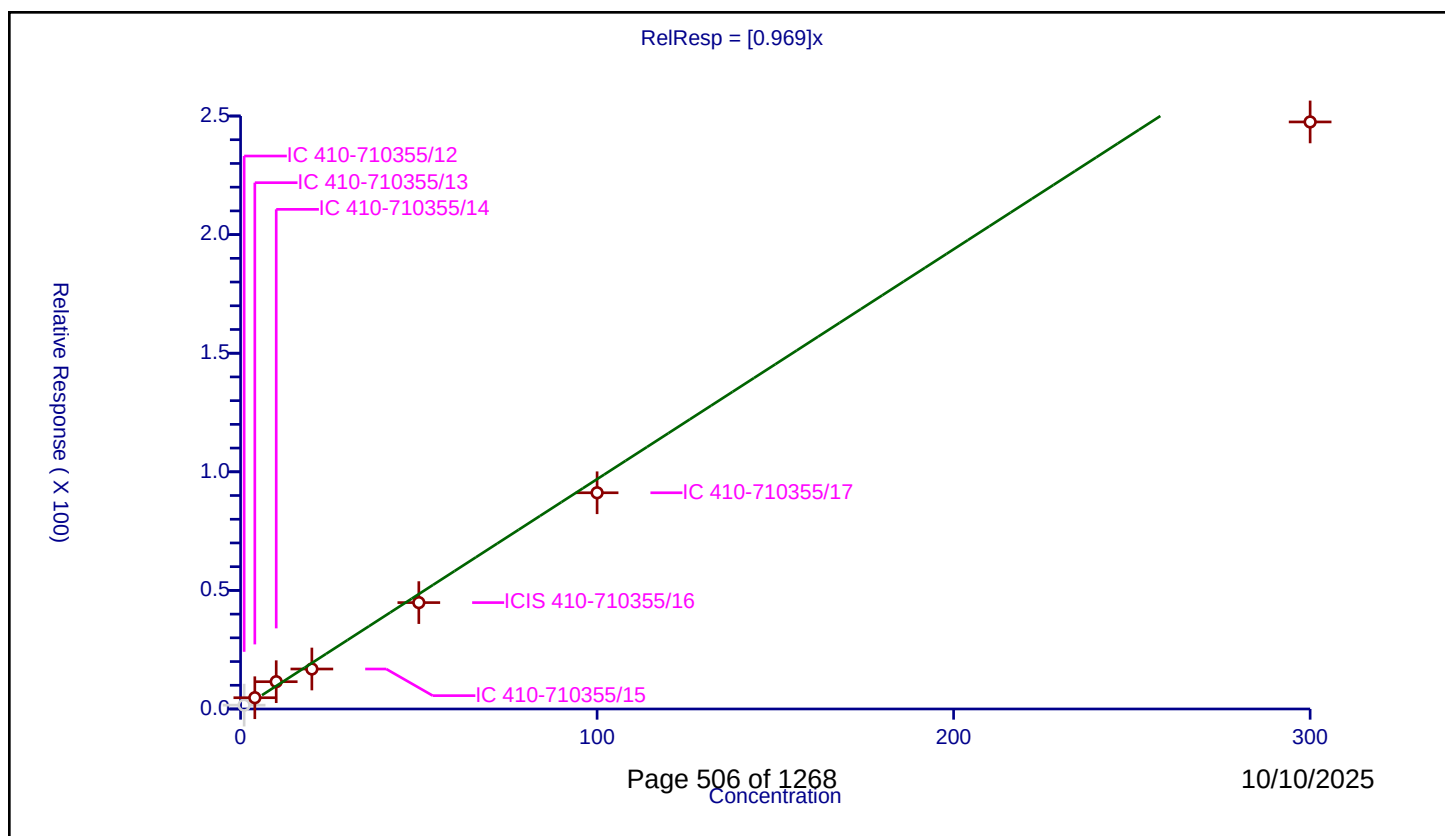
Curve Coefficients

Intercept: 0
 Slope: 0.969

Error Coefficients

Relative Standard Deviation: 16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.626257	50.0	2220344.0	1.626257	N
2	IC 410-710355/13	4.0	4.746572	50.0	2465042.0	1.186643	Y
3	IC 410-710355/14	10.0	11.508008	50.0	3258431.0	1.150801	Y
4	IC 410-710355/15	20.0	16.861869	50.0	2207881.0	0.843093	Y
5	ICIS 410-710355/16	50.0	44.850339	50.0	2616813.0	0.897007	Y
6	IC 410-710355/17	100.0	91.163302	50.0	2663229.0	0.911633	Y
7	IC 410-710355/18	300.0	247.505583	50.0	2904606.0	0.825019	Y



Calibration

/ Methyl acetate

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

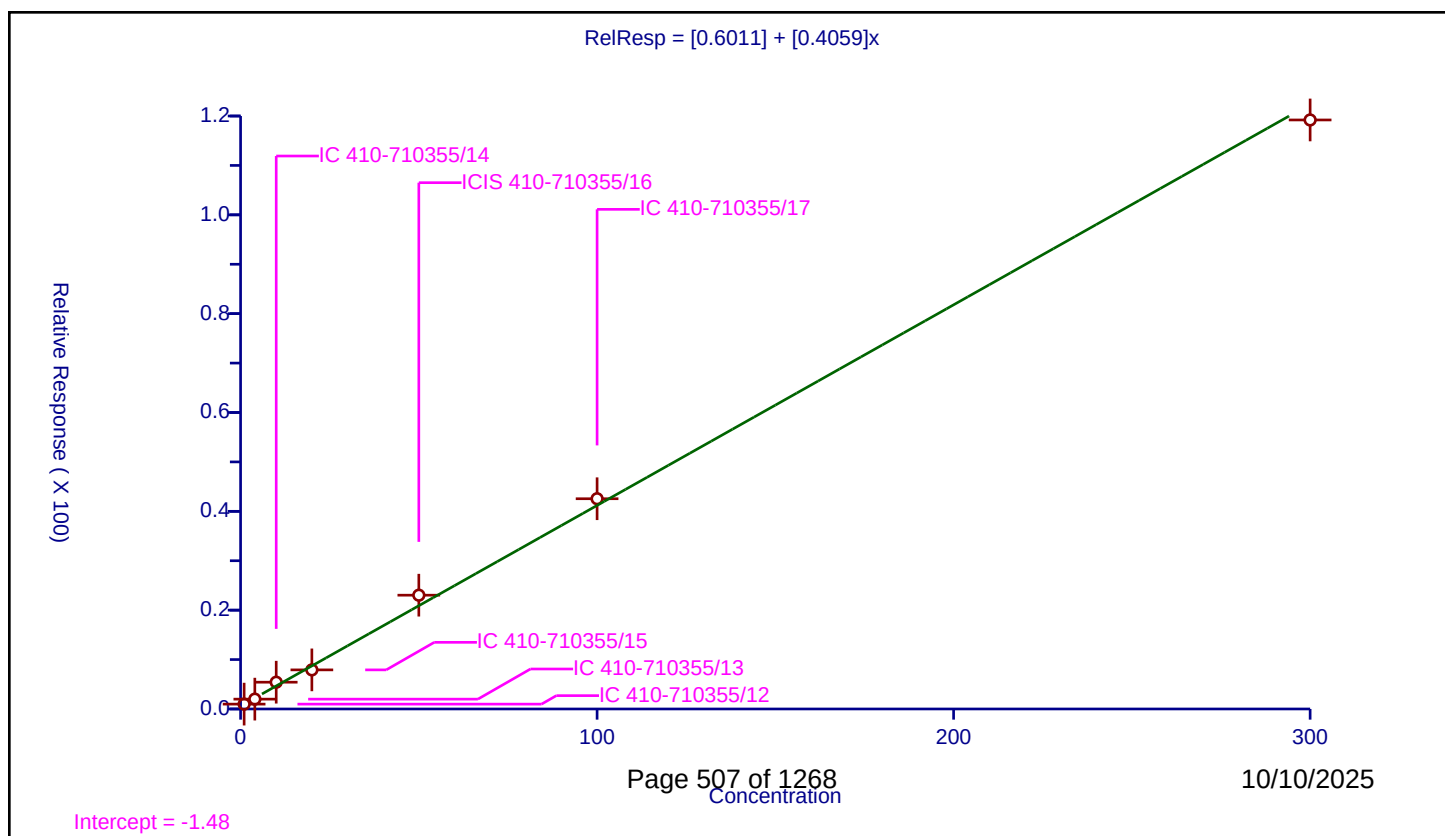
Curve Coefficients

Intercept: 0.6011
 Slope: 0.4059

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.983631	50.0	2220344.0	0.983631	Y
2	IC 410-710355/13	4.0	1.994368	50.0	2465042.0	0.498592	Y
3	IC 410-710355/14	10.0	5.418144	50.0	3258431.0	0.541814	Y
4	IC 410-710355/15	20.0	7.913787	50.0	2207881.0	0.395689	Y
5	ICIS 410-710355/16	50.0	23.029731	50.0	2616813.0	0.460595	Y
6	IC 410-710355/17	100.0	42.55019	50.0	2663229.0	0.425502	Y
7	IC 410-710355/18	300.0	119.202467	50.0	2904606.0	0.397342	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

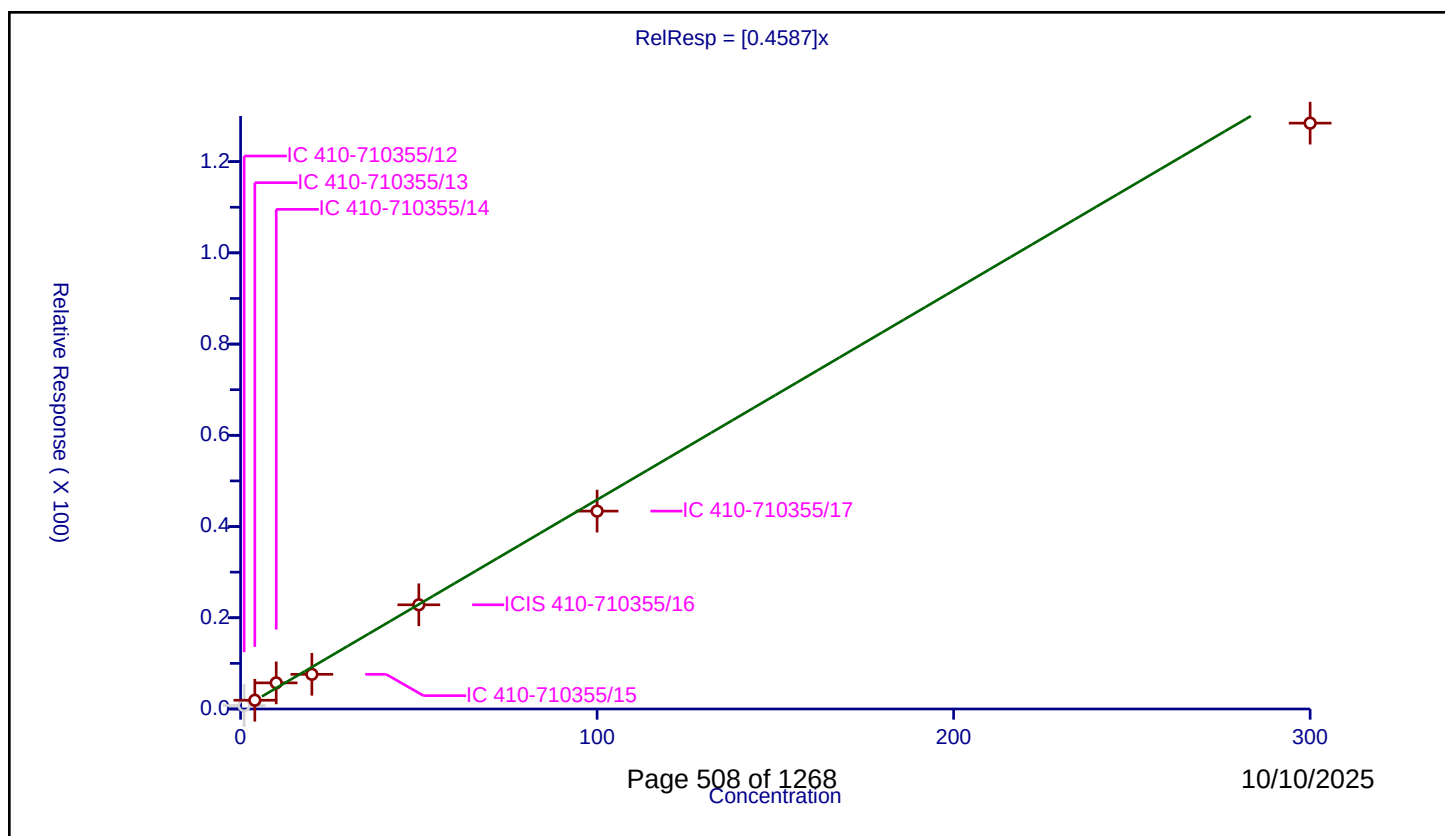
Curve Coefficients

Intercept: 0
Slope: 0.4587

Error Coefficients

Relative Standard Deviation: 14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.760873	50.0	2220344.0	0.760873	N
2	IC 410-710355/13	4.0	1.923334	50.0	2465042.0	0.480834	Y
3	IC 410-710355/14	10.0	5.726621	50.0	3258431.0	0.572662	Y
4	IC 410-710355/15	20.0	7.602991	50.0	2207881.0	0.38015	Y
5	ICIS 410-710355/16	50.0	22.842767	50.0	2616813.0	0.456855	Y
6	IC 410-710355/17	100.0	43.381831	50.0	2663229.0	0.433818	Y
7	IC 410-710355/18	300.0	128.439021	50.0	2904606.0	0.42813	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

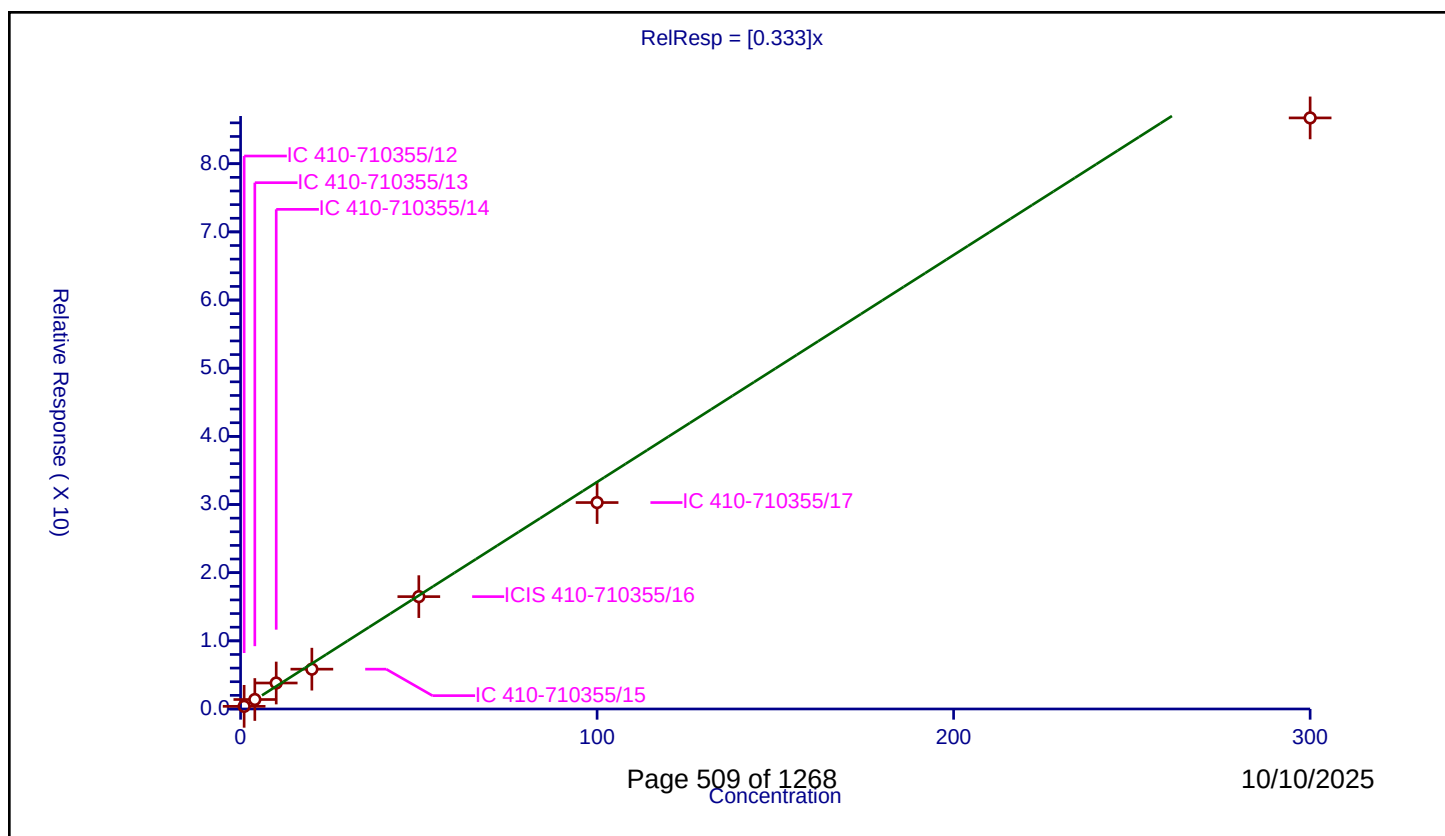
Curve Coefficients

Intercept: 0
 Slope: 0.333

Error Coefficients

Relative Standard Deviation: 12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.388476	50.0	2220344.0	0.388476	Y
2	IC 410-710355/13	4.0	1.390544	50.0	2465042.0	0.347636	Y
3	IC 410-710355/14	10.0	3.812141	50.0	3258431.0	0.381214	Y
4	IC 410-710355/15	20.0	5.844178	50.0	2207881.0	0.292209	Y
5	ICIS 410-710355/16	50.0	16.484174	50.0	2616813.0	0.329683	Y
6	IC 410-710355/17	100.0	30.286675	50.0	2663229.0	0.302867	Y
7	IC 410-710355/18	300.0	86.720781	50.0	2904606.0	0.289069	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

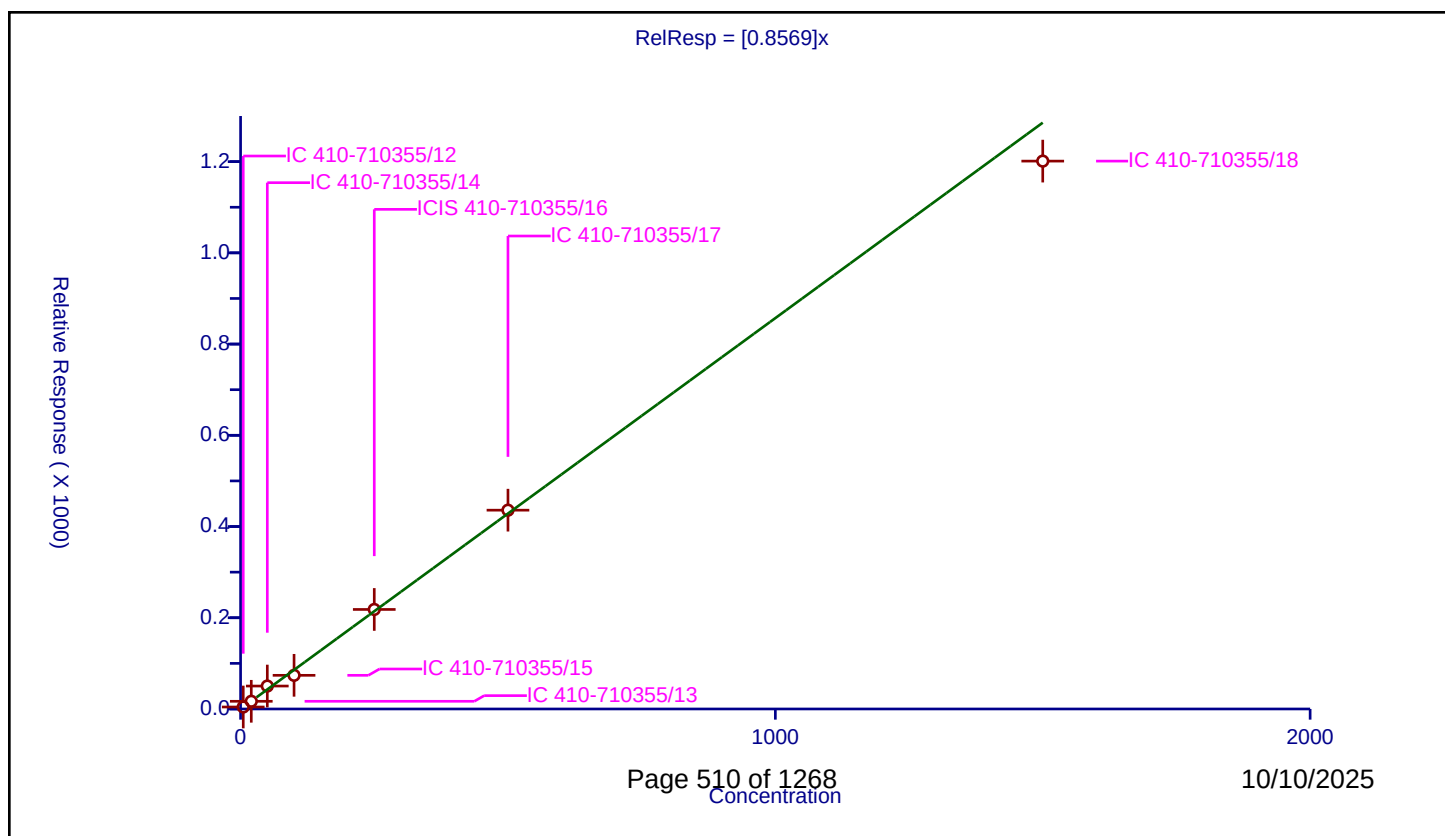
Curve Coefficients

Intercept: 0
Slope: 0.8569

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	4.332217	250.0	1926785.0	0.866443	Y
2	IC 410-710355/13	20.0	16.859759	250.0	1976081.0	0.842988	Y
3	IC 410-710355/14	50.0	50.290099	250.0	2740788.0	1.005802	Y
4	IC 410-710355/15	100.0	73.794329	250.0	1753878.0	0.737943	Y
5	ICIS 410-710355/16	250.0	218.233815	250.0	2093728.0	0.872935	Y
6	IC 410-710355/17	500.0	435.840028	250.0	1943030.0	0.87168	Y
7	IC 410-710355/18	1500.0	1201.128534	250.0	2125146.0	0.800752	Y



Calibration

/ Acrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

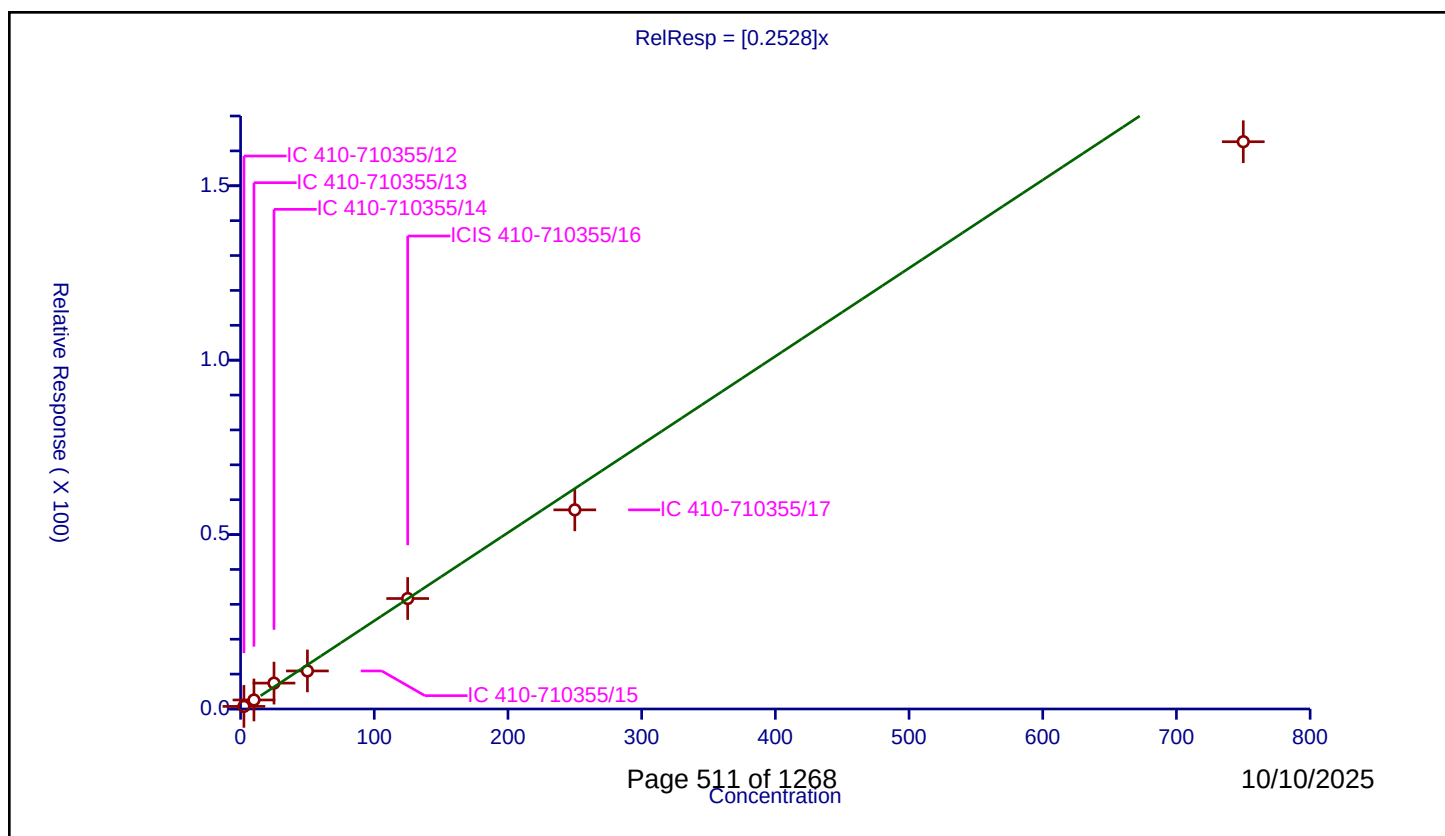
Curve Coefficients

Intercept: 0
Slope: 0.2528

Error Coefficients

Relative Standard Deviation: 13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.5	0.742948	50.0	2220344.0	0.297179	Y
2	IC 410-710355/13	10.0	2.586041	50.0	2465042.0	0.258604	Y
3	IC 410-710355/14	25.0	7.421946	50.0	3258431.0	0.296878	Y
4	IC 410-710355/15	50.0	10.90677	50.0	2207881.0	0.218135	Y
5	ICIS 410-710355/16	125.0	31.673375	50.0	2616813.0	0.253387	Y
6	IC 410-710355/17	250.0	57.093325	50.0	2663229.0	0.228373	Y
7	IC 410-710355/18	750.0	162.631042	50.0	2904606.0	0.216841	Y



Calibration

/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

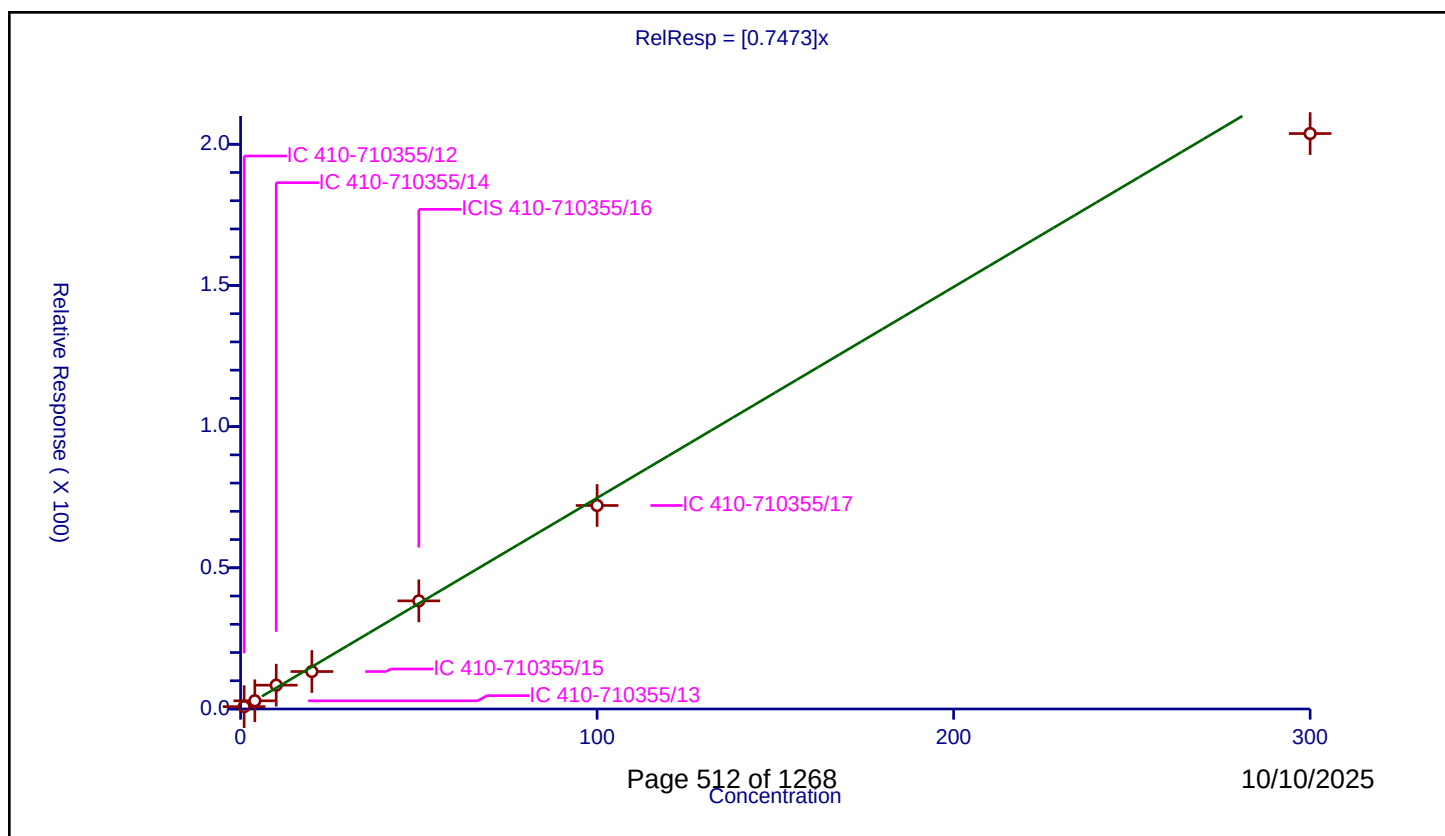
Curve Coefficients

Intercept: 0
Slope: 0.7473

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.832326	50.0	2220344.0	0.832326	Y
2	IC 410-710355/13	4.0	2.904068	50.0	2465042.0	0.726017	Y
3	IC 410-710355/14	10.0	8.437573	50.0	3258431.0	0.843757	Y
4	IC 410-710355/15	20.0	13.264506	50.0	2207881.0	0.663225	Y
5	ICIS 410-710355/16	50.0	38.292859	50.0	2616813.0	0.765857	Y
6	IC 410-710355/17	100.0	72.068455	50.0	2663229.0	0.720685	Y
7	IC 410-710355/18	300.0	203.787846	50.0	2904606.0	0.679293	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

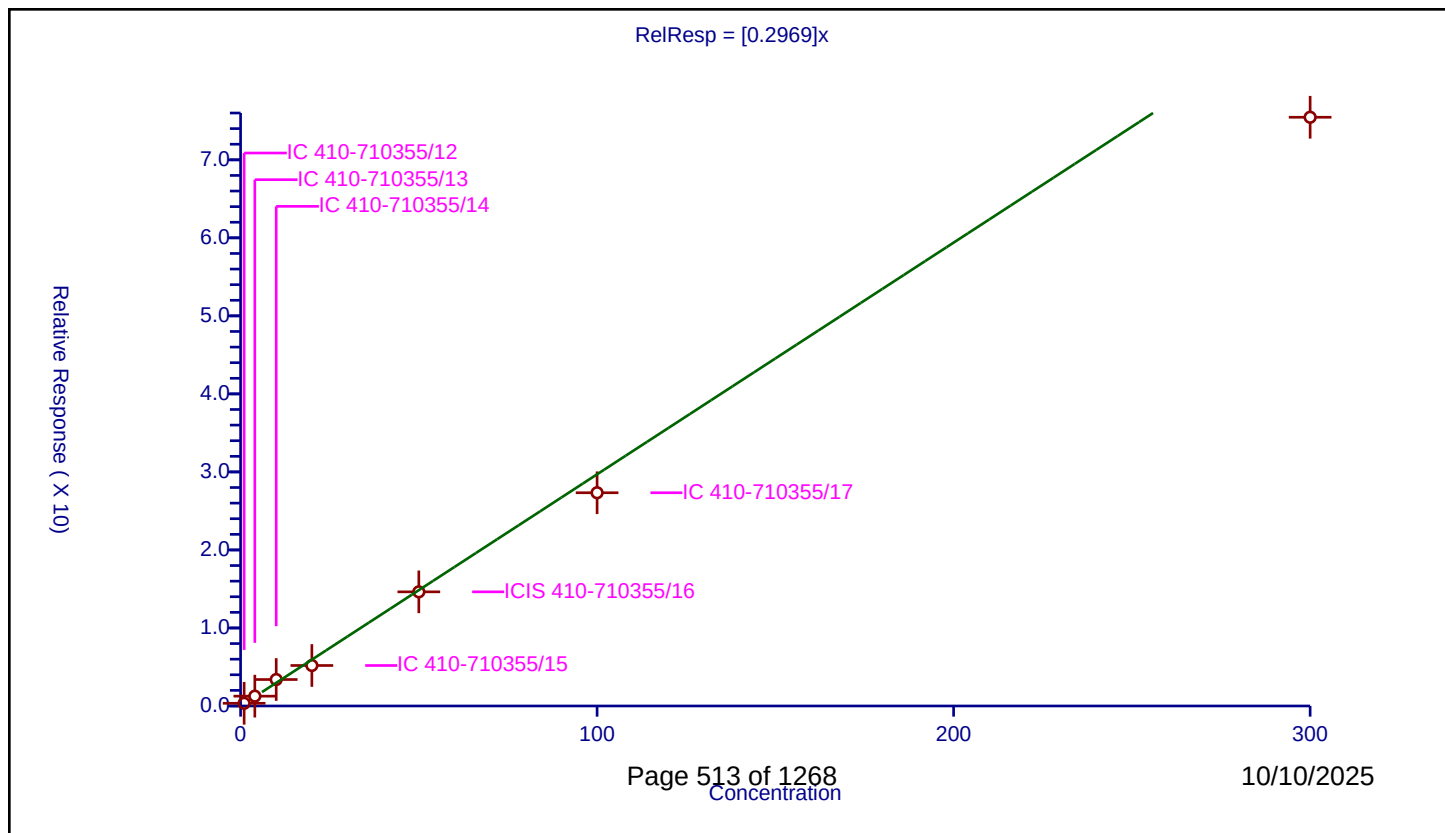
Curve Coefficients

Intercept: 0
Slope: 0.2969

Error Coefficients

Relative Standard Deviation: 12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.347289	50.0	2220344.0	0.347289	Y
2	IC 410-710355/13	4.0	1.260871	50.0	2465042.0	0.315218	Y
3	IC 410-710355/14	10.0	3.391387	50.0	3258431.0	0.339139	Y
4	IC 410-710355/15	20.0	5.190044	50.0	2207881.0	0.259502	Y
5	ICIS 410-710355/16	50.0	14.629647	50.0	2616813.0	0.292593	Y
6	IC 410-710355/17	100.0	27.332141	50.0	2663229.0	0.273321	Y
7	IC 410-710355/18	300.0	75.456912	50.0	2904606.0	0.251523	Y



Calibration

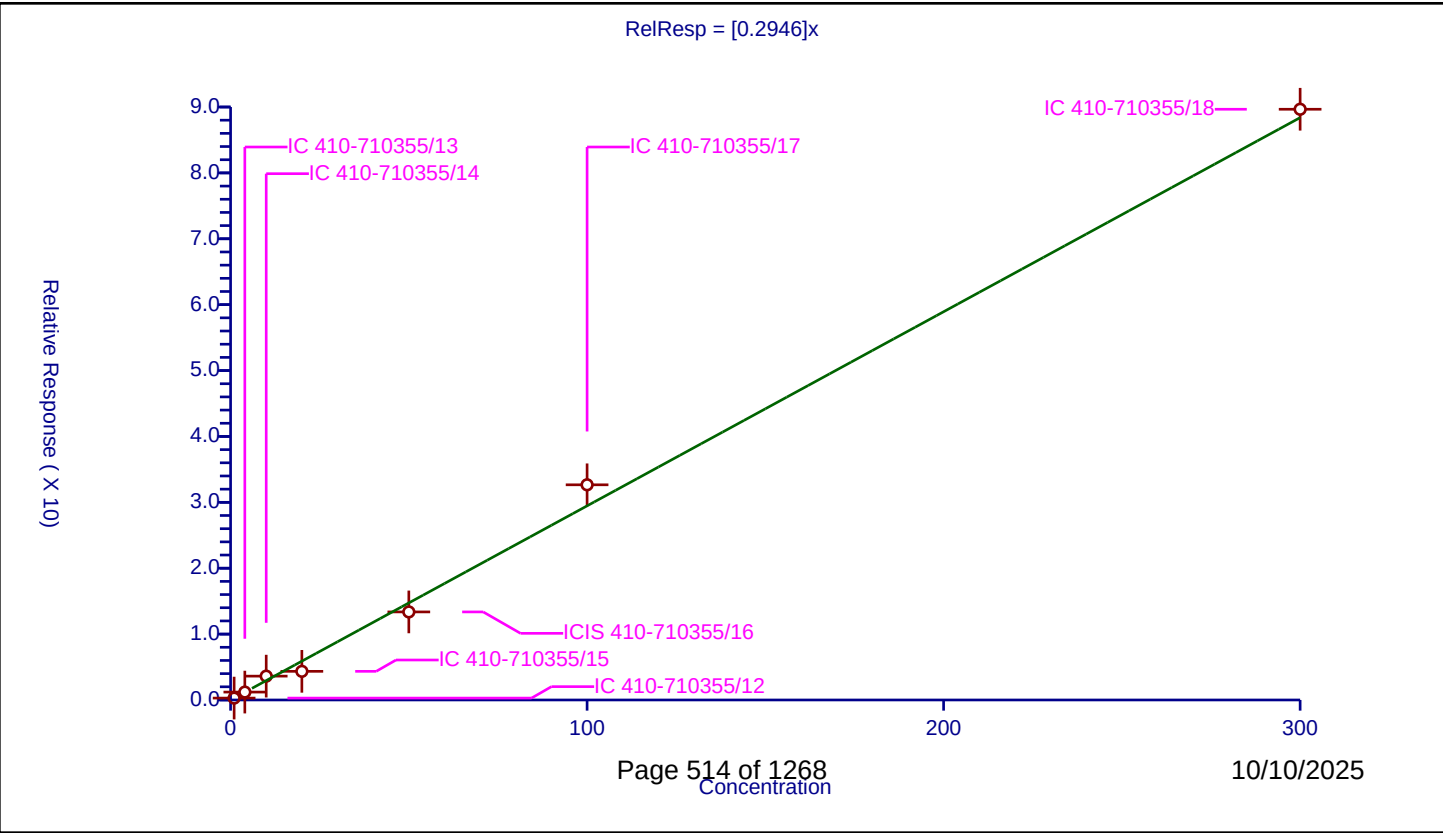
/ Hexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.2946
Error Coefficients	

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.290496	50.0	2220344.0	0.290496	Y
2	IC 410-710355/13	4.0	1.198803	50.0	2465042.0	0.299701	Y
3	IC 410-710355/14	10.0	3.618828	50.0	3258431.0	0.361883	Y
4	IC 410-710355/15	20.0	4.350212	50.0	2207881.0	0.217511	Y
5	ICIS 410-710355/16	50.0	13.368418	50.0	2616813.0	0.267368	Y
6	IC 410-710355/17	100.0	32.661123	50.0	2663229.0	0.326611	Y
7	IC 410-710355/18	300.0	89.659734	50.0	2904606.0	0.298866	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

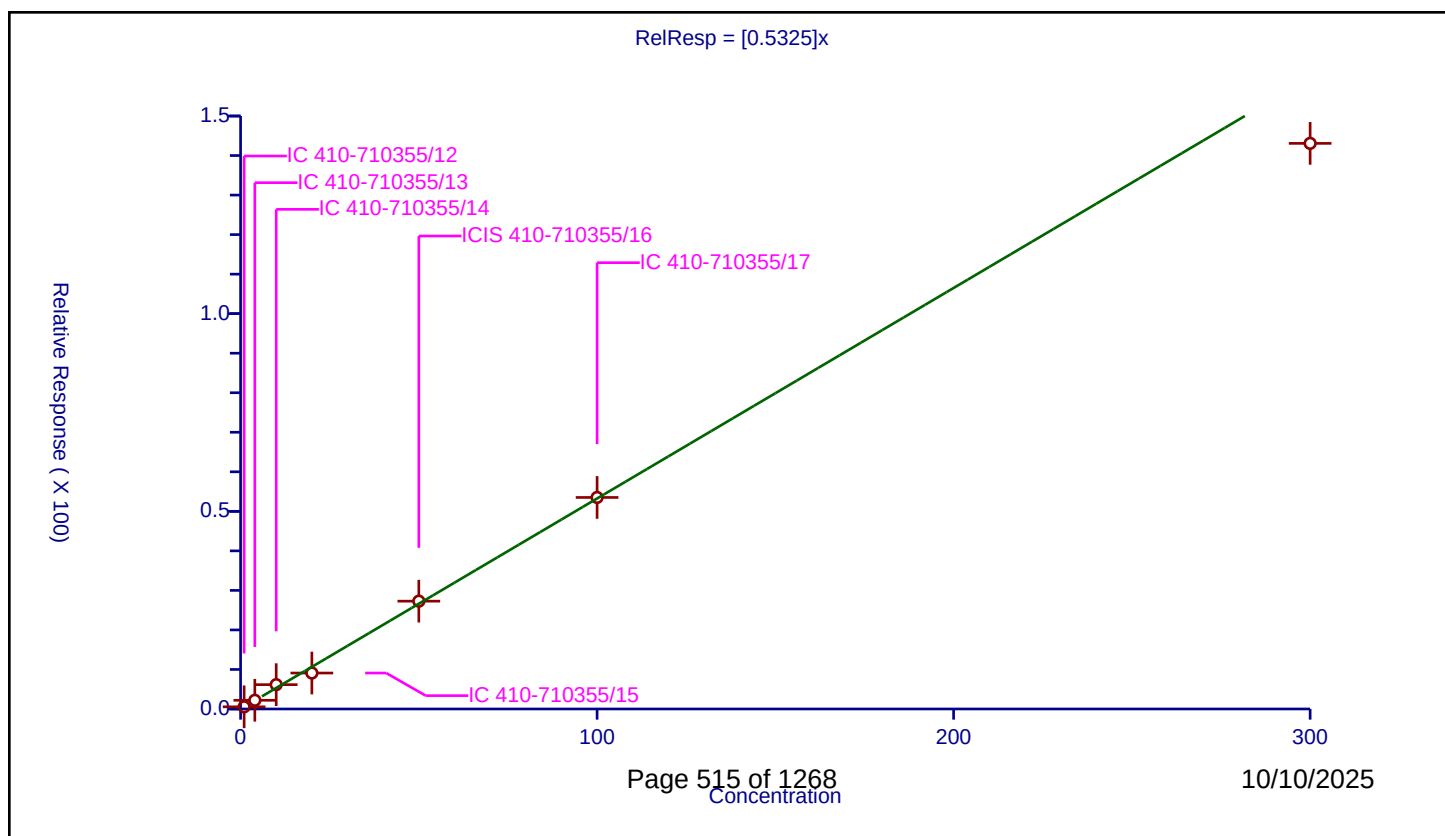
Curve Coefficients

Intercept: 0
Slope: 0.5325

Error Coefficients

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.548564	50.0	2220344.0	0.548564	Y
2	IC 410-710355/13	4.0	2.203431	50.0	2465042.0	0.550858	Y
3	IC 410-710355/14	10.0	6.156491	50.0	3258431.0	0.615649	Y
4	IC 410-710355/15	20.0	9.098928	50.0	2207881.0	0.454946	Y
5	ICIS 410-710355/16	50.0	27.273424	50.0	2616813.0	0.545468	Y
6	IC 410-710355/17	100.0	53.508955	50.0	2663229.0	0.53509	Y
7	IC 410-710355/18	300.0	143.077787	50.0	2904606.0	0.476926	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

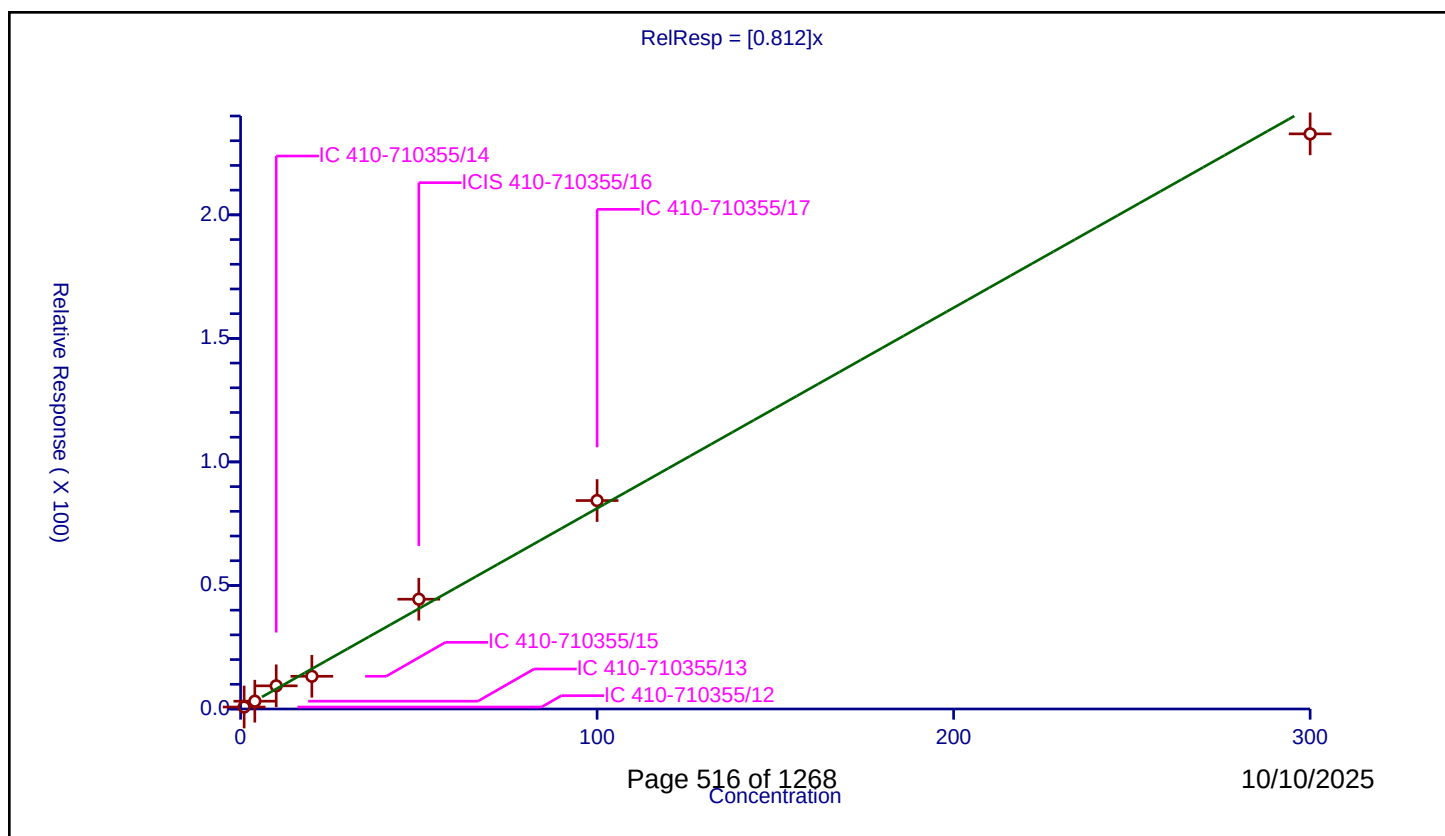
Curve Coefficients

Intercept: 0
Slope: 0.812

Error Coefficients

Relative Standard Deviation: 11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.788684	50.0	2220344.0	0.788684	Y
2	IC 410-710355/13	4.0	3.151731	50.0	2465042.0	0.787933	Y
3	IC 410-710355/14	10.0	9.371059	50.0	3258431.0	0.937106	Y
4	IC 410-710355/15	20.0	13.237942	50.0	2207881.0	0.661897	Y
5	ICIS 410-710355/16	50.0	44.427	50.0	2616813.0	0.88854	Y
6	IC 410-710355/17	100.0	84.36798	50.0	2663229.0	0.84368	Y
7	IC 410-710355/18	300.0	232.774204	50.0	2904606.0	0.775914	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

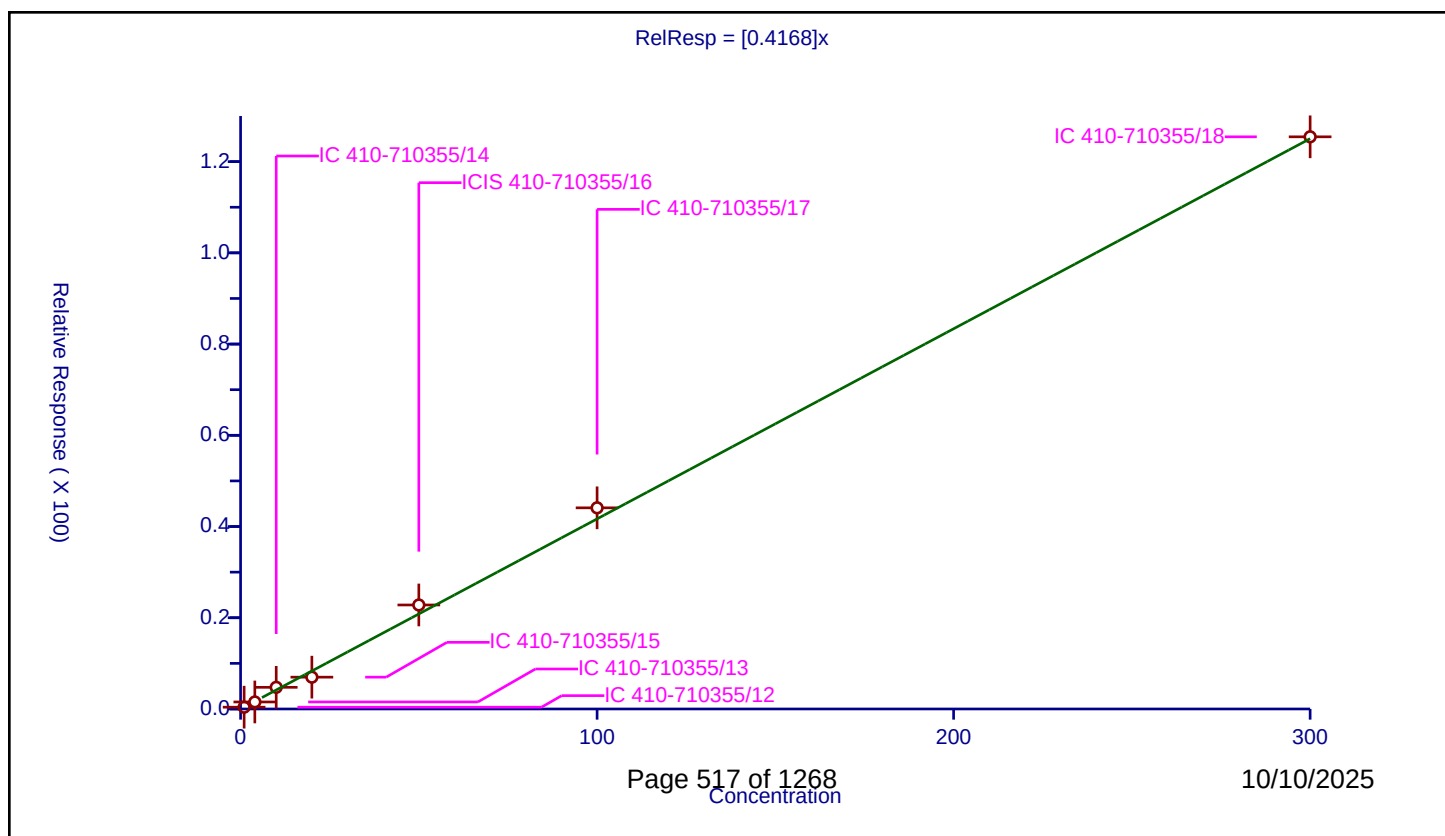
Curve Coefficients

Intercept: 0
Slope: 0.4168

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.393813	50.0	2220344.0	0.393813	Y
2	IC 410-710355/13	4.0	1.537986	50.0	2465042.0	0.384496	Y
3	IC 410-710355/14	10.0	4.750507	50.0	3258431.0	0.475051	Y
4	IC 410-710355/15	20.0	6.978229	50.0	2207881.0	0.348911	Y
5	ICIS 410-710355/16	50.0	22.802374	50.0	2616813.0	0.456047	Y
6	IC 410-710355/17	100.0	44.100151	50.0	2663229.0	0.441002	Y
7	IC 410-710355/18	300.0	125.44006	50.0	2904606.0	0.418134	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

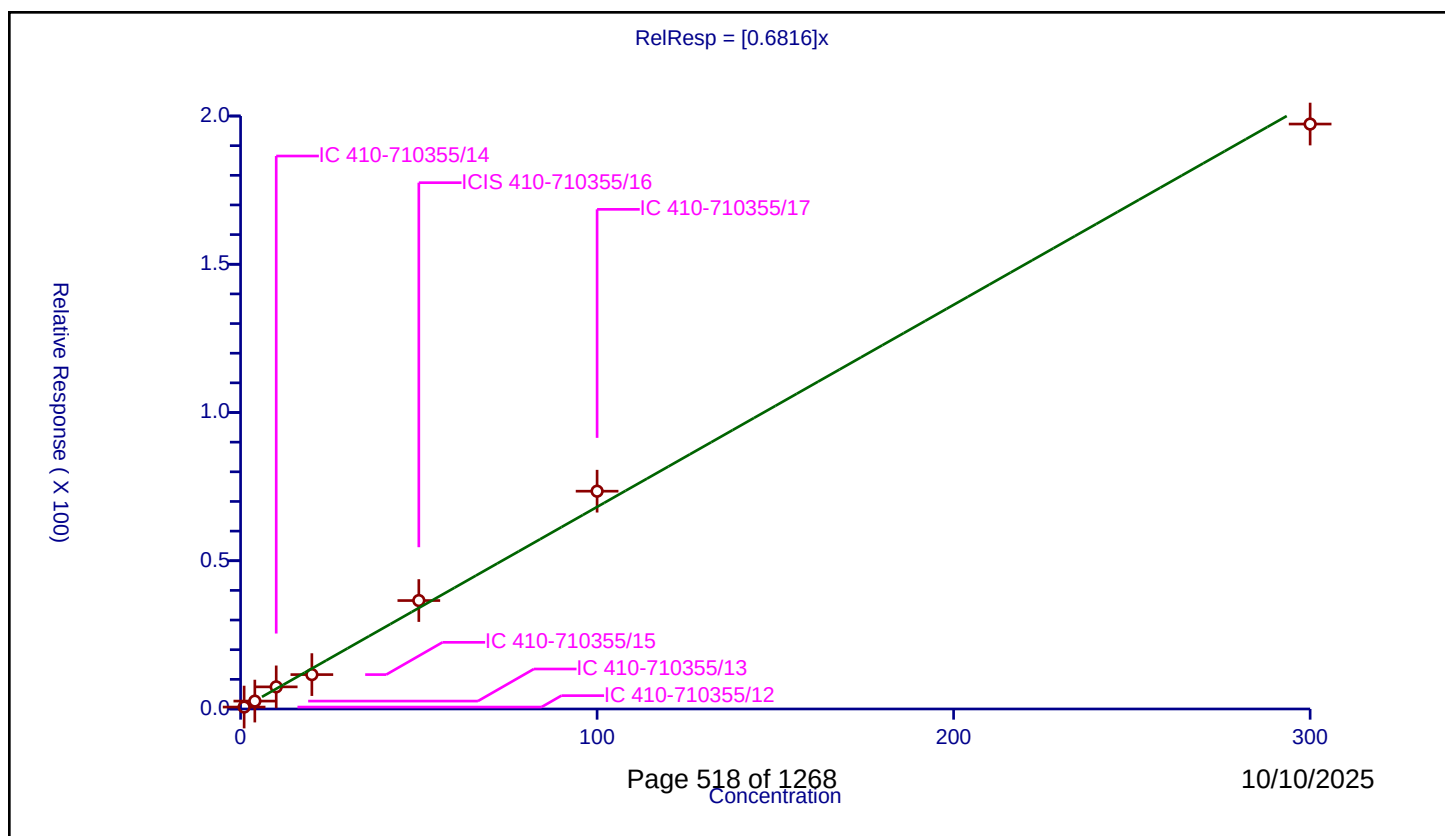
Curve Coefficients

Intercept: 0
Slope: 0.6816

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.655619	50.0	2220344.0	0.655619	Y
2	IC 410-710355/13	4.0	2.662267	50.0	2465042.0	0.665567	Y
3	IC 410-710355/14	10.0	7.46037	50.0	3258431.0	0.746037	Y
4	IC 410-710355/15	20.0	11.598746	50.0	2207881.0	0.579937	Y
5	ICIS 410-710355/16	50.0	36.5764	50.0	2616813.0	0.731528	Y
6	IC 410-710355/17	100.0	73.462646	50.0	2663229.0	0.734626	Y
7	IC 410-710355/18	300.0	197.290493	50.0	2904606.0	0.657635	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

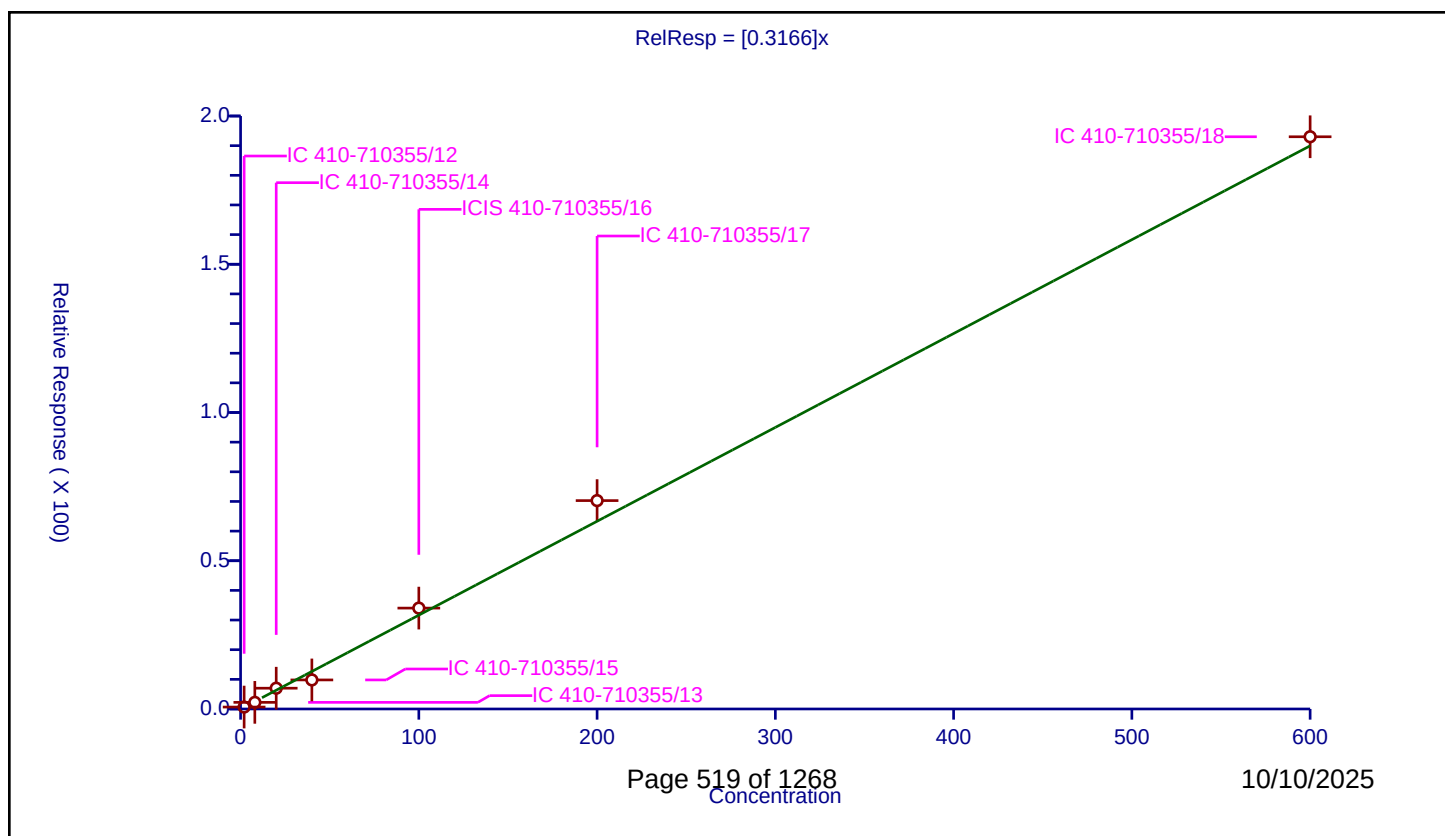
Curve Coefficients

Intercept: 0
Slope: 0.3166

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	0.654381	50.0	2220344.0	0.32719	Y
2	IC 410-710355/13	8.0	2.237325	50.0	2465042.0	0.279666	Y
3	IC 410-710355/14	20.0	7.014956	50.0	3258431.0	0.350748	Y
4	IC 410-710355/15	40.0	9.799192	50.0	2207881.0	0.24498	Y
5	ICIS 410-710355/16	100.0	34.03346	50.0	2616813.0	0.340335	Y
6	IC 410-710355/17	200.0	70.287572	50.0	2663229.0	0.351438	Y
7	IC 410-710355/18	600.0	193.006246	50.0	2904606.0	0.321677	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

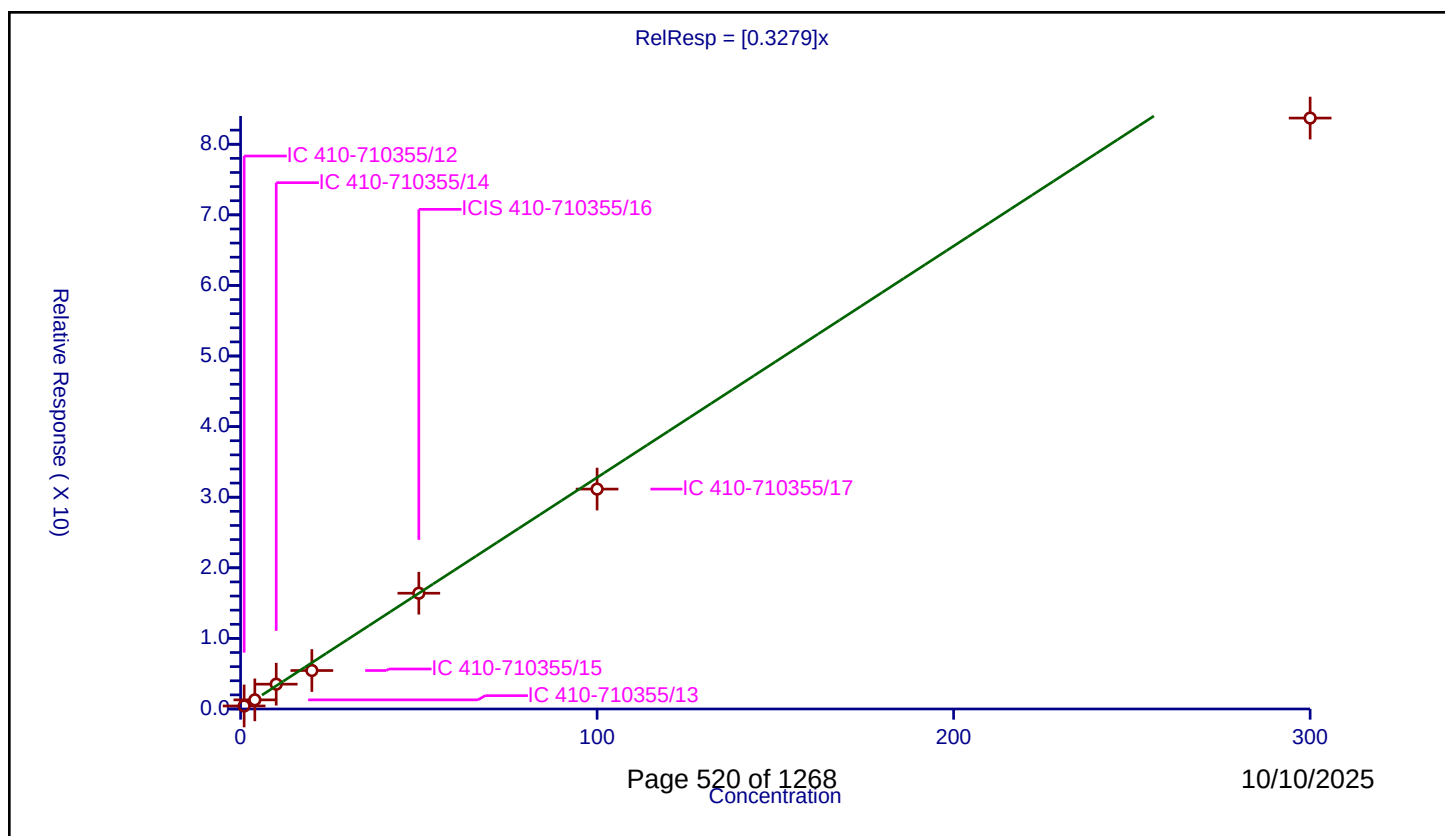
Curve Coefficients

Intercept: 0
Slope: 0.3279

Error Coefficients

Relative Standard Deviation: 16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.429235	50.0	2220344.0	0.429235	Y
2	IC 410-710355/13	4.0	1.293771	50.0	2465042.0	0.323443	Y
3	IC 410-710355/14	10.0	3.514744	50.0	3258431.0	0.351474	Y
4	IC 410-710355/15	20.0	5.449524	50.0	2207881.0	0.272476	Y
5	ICIS 410-710355/16	50.0	16.398822	50.0	2616813.0	0.327976	Y
6	IC 410-710355/17	100.0	31.15286	50.0	2663229.0	0.311529	Y
7	IC 410-710355/18	300.0	83.709495	50.0	2904606.0	0.279032	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

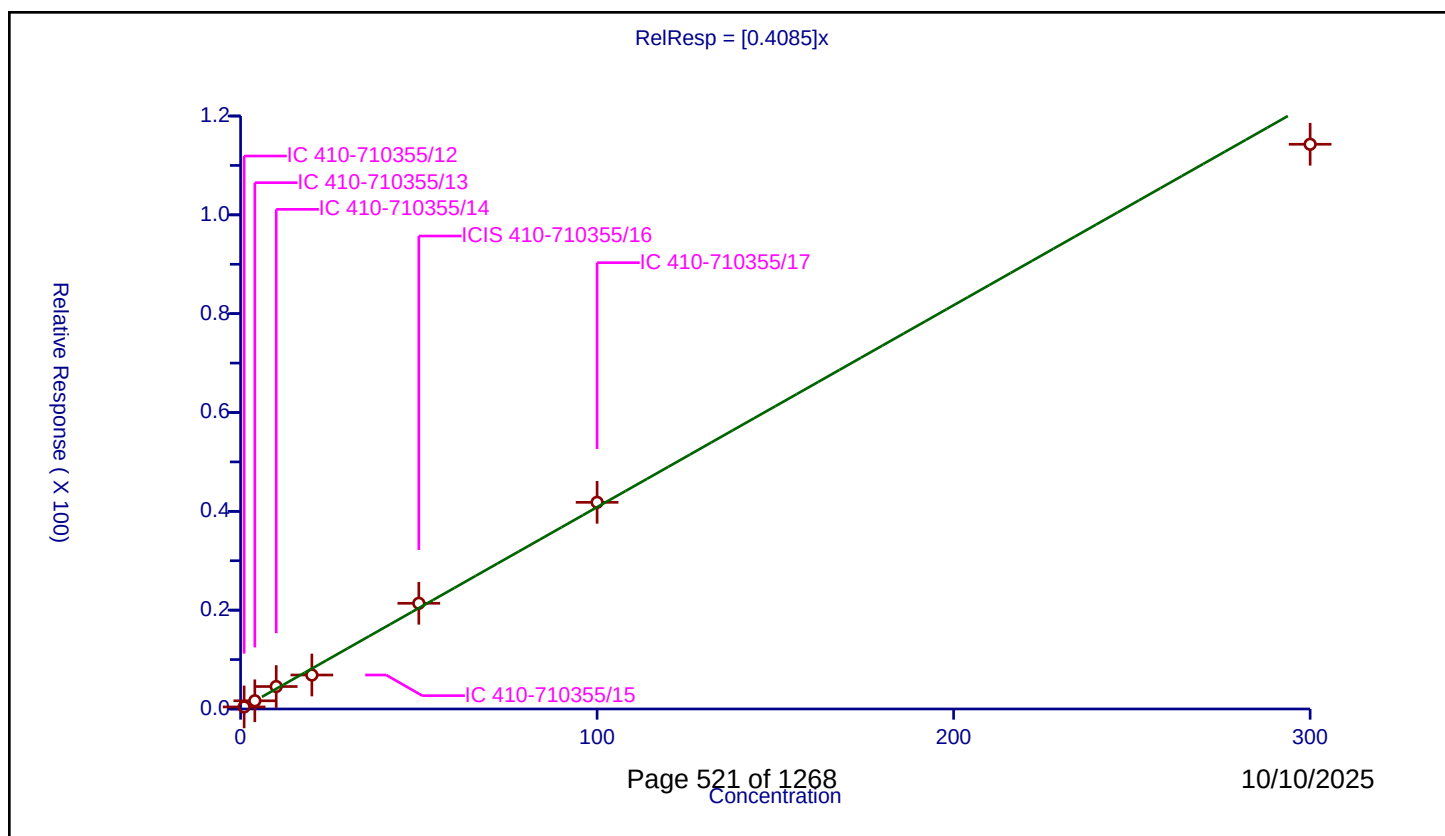
Curve Coefficients

Intercept: 0
 Slope: 0.4085

Error Coefficients

Relative Standard Deviation: 8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.419597	50.0	2220344.0	0.419597	Y
2	IC 410-710355/13	4.0	1.658329	50.0	2465042.0	0.414582	Y
3	IC 410-710355/14	10.0	4.545961	50.0	3258431.0	0.454596	Y
4	IC 410-710355/15	20.0	6.875484	50.0	2207881.0	0.343774	Y
5	ICIS 410-710355/16	50.0	21.390906	50.0	2616813.0	0.427818	Y
6	IC 410-710355/17	100.0	41.821019	50.0	2663229.0	0.41821	Y
7	IC 410-710355/18	300.0	114.284072	50.0	2904606.0	0.380947	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

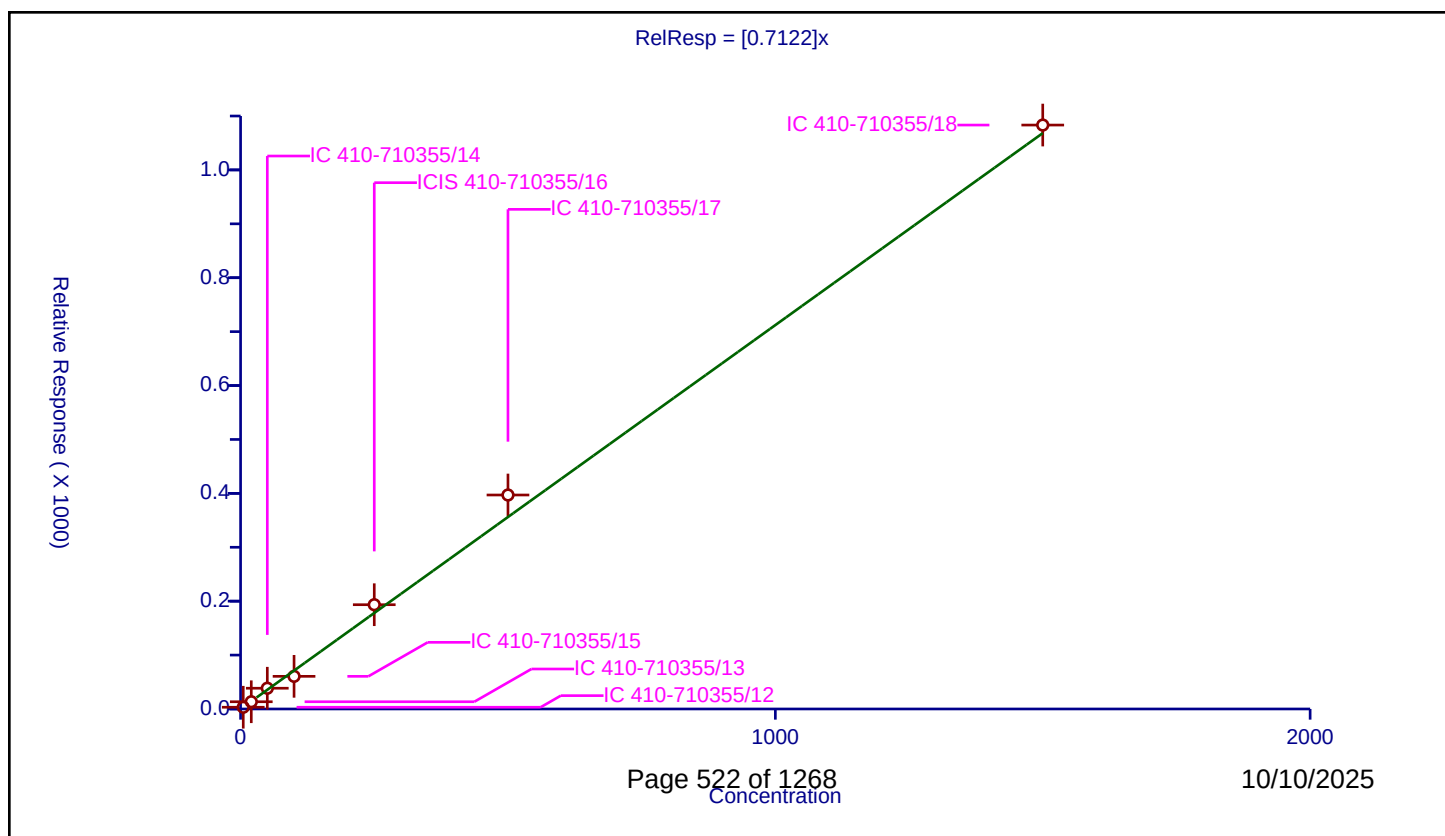
Curve Coefficients

Intercept: 0
Slope: 0.7122

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	3.246211	250.0	1926785.0	0.649242	Y
2	IC 410-710355/13	20.0	13.41696	250.0	1976081.0	0.670848	Y
3	IC 410-710355/14	50.0	38.48738	250.0	2740788.0	0.769748	Y
4	IC 410-710355/15	100.0	60.554098	250.0	1753878.0	0.605541	Y
5	ICIS 410-710355/16	250.0	193.43845	250.0	2093728.0	0.773754	Y
6	IC 410-710355/17	500.0	396.942533	250.0	1943030.0	0.793885	Y
7	IC 410-710355/18	1500.0	1083.220988	250.0	2125146.0	0.722147	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

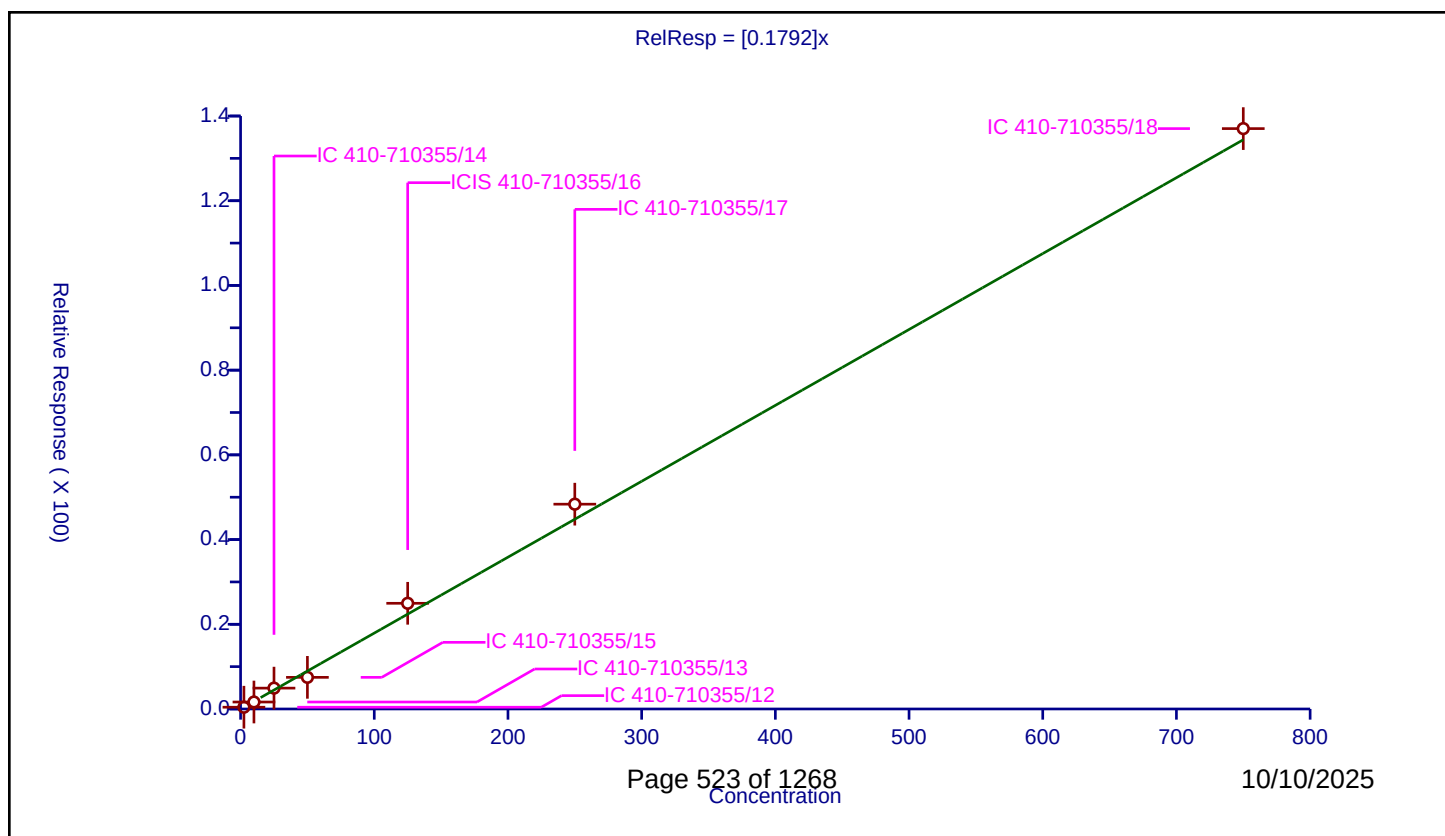
Curve Coefficients

Intercept: 0
Slope: 0.1792

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.5	0.419394	50.0	2220344.0	0.167758	Y
2	IC 410-710355/13	10.0	1.644982	50.0	2465042.0	0.164498	Y
3	IC 410-710355/14	25.0	4.924579	50.0	3258431.0	0.196983	Y
4	IC 410-710355/15	50.0	7.469651	50.0	2207881.0	0.149393	Y
5	ICIS 410-710355/16	125.0	24.951687	50.0	2616813.0	0.199613	Y
6	IC 410-710355/17	250.0	48.353822	50.0	2663229.0	0.193415	Y
7	IC 410-710355/18	750.0	137.027724	50.0	2904606.0	0.182704	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

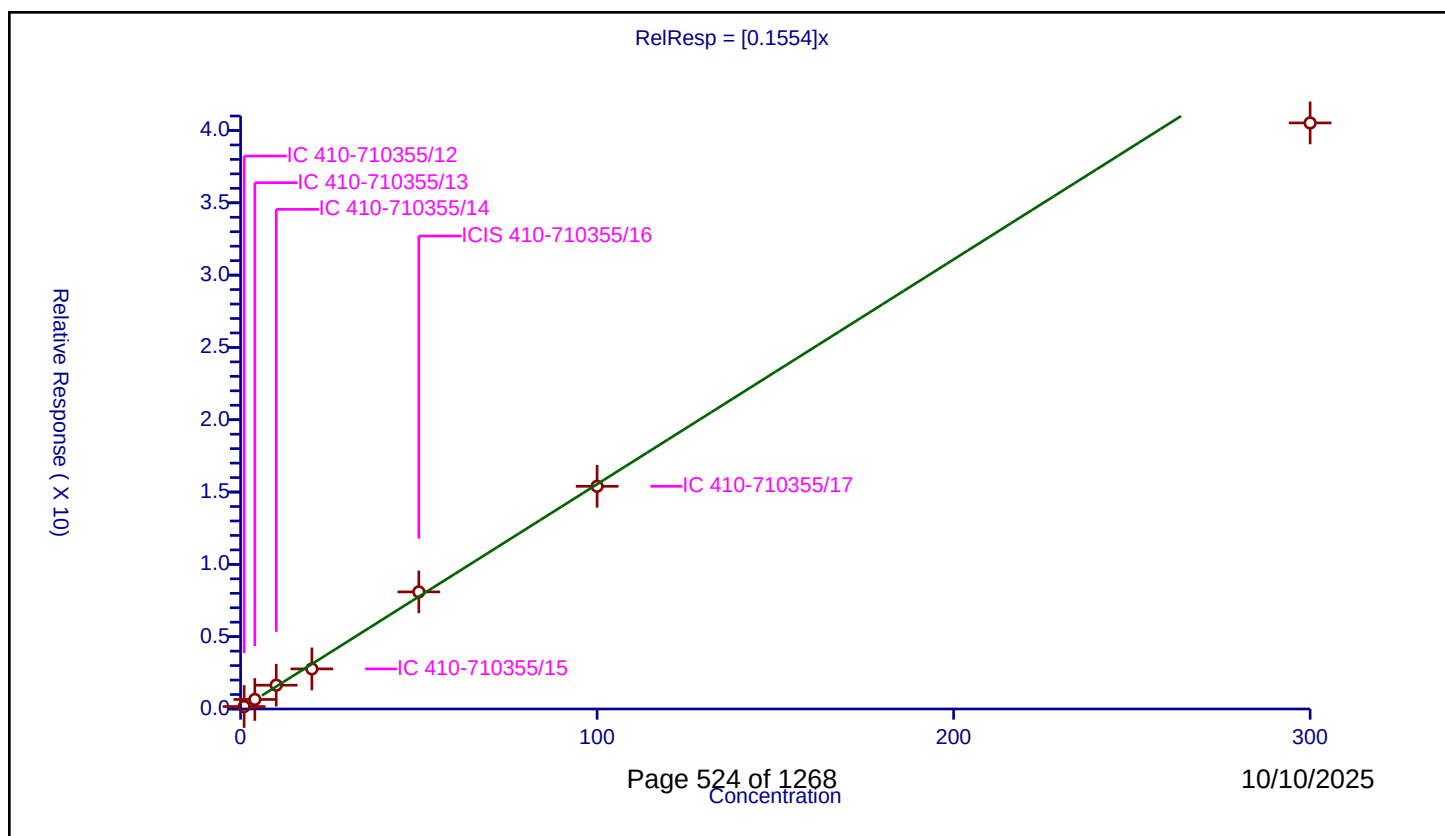
Curve Coefficients

Intercept: 0
Slope: 0.1554

Error Coefficients

Relative Standard Deviation: 8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.168825	50.0	2220344.0	0.168825	Y
2	IC 410-710355/13	4.0	0.659685	50.0	2465042.0	0.164921	Y
3	IC 410-710355/14	10.0	1.645424	50.0	3258431.0	0.164542	Y
4	IC 410-710355/15	20.0	2.772364	50.0	2207881.0	0.138618	Y
5	ICIS 410-710355/16	50.0	8.096547	50.0	2616813.0	0.161931	Y
6	IC 410-710355/17	100.0	15.396029	50.0	2663229.0	0.15396	Y
7	IC 410-710355/18	300.0	40.521606	50.0	2904606.0	0.135072	Y



Calibration

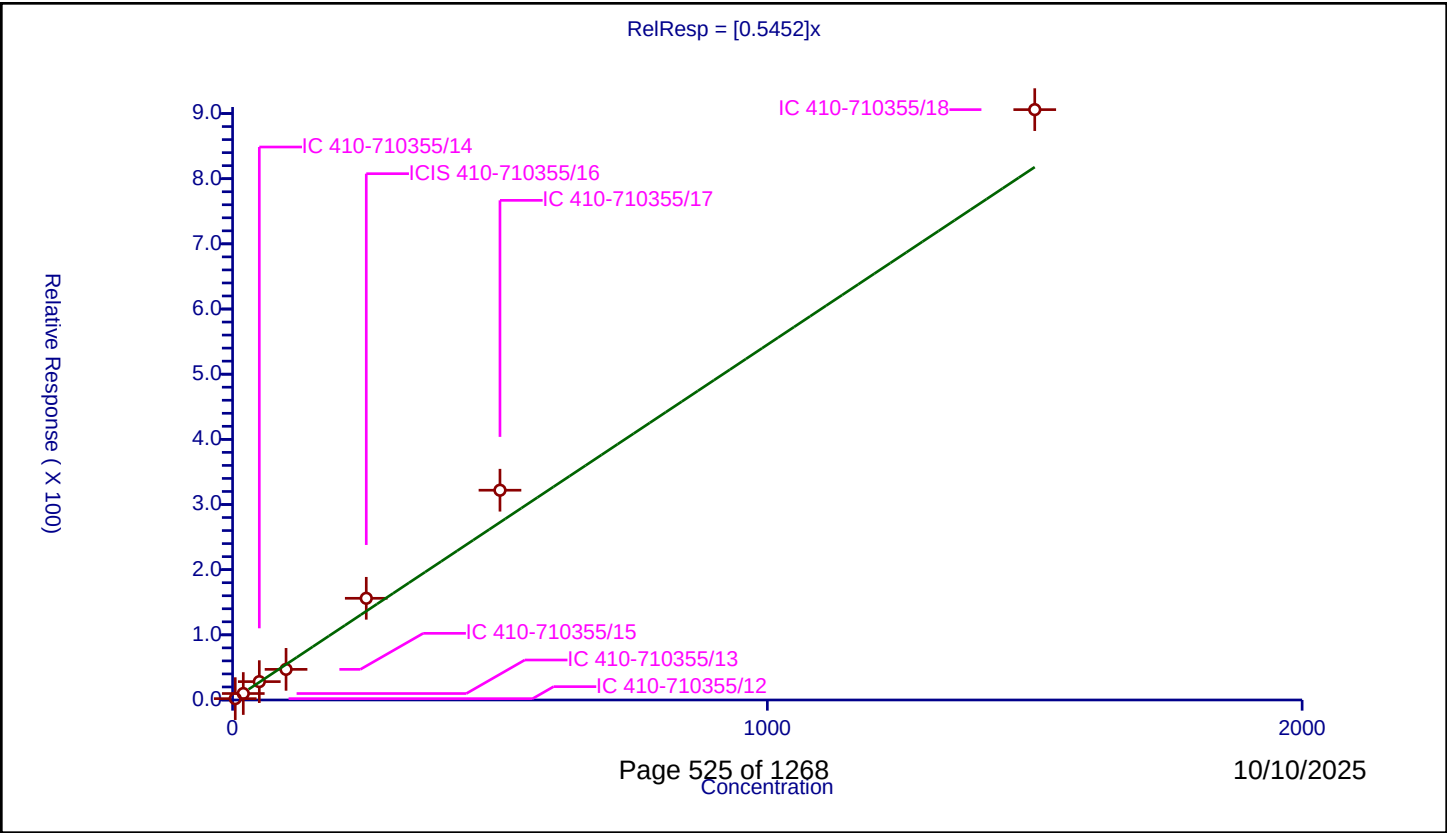
/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.5452
Error Coefficients	

Relative Standard Deviation: 15.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	2.06925	250.0	1926785.0	0.41385	Y
2	IC 410-710355/13	20.0	9.943039	250.0	1976081.0	0.497152	Y
3	IC 410-710355/14	50.0	28.162977	250.0	2740788.0	0.56326	Y
4	IC 410-710355/15	100.0	47.007403	250.0	1753878.0	0.470074	Y
5	ICIS 410-710355/16	250.0	156.06755	250.0	2093728.0	0.62427	Y
6	IC 410-710355/17	500.0	321.930696	250.0	1943030.0	0.643861	Y
7	IC 410-710355/18	1500.0	905.984812	250.0	2125146.0	0.60399	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

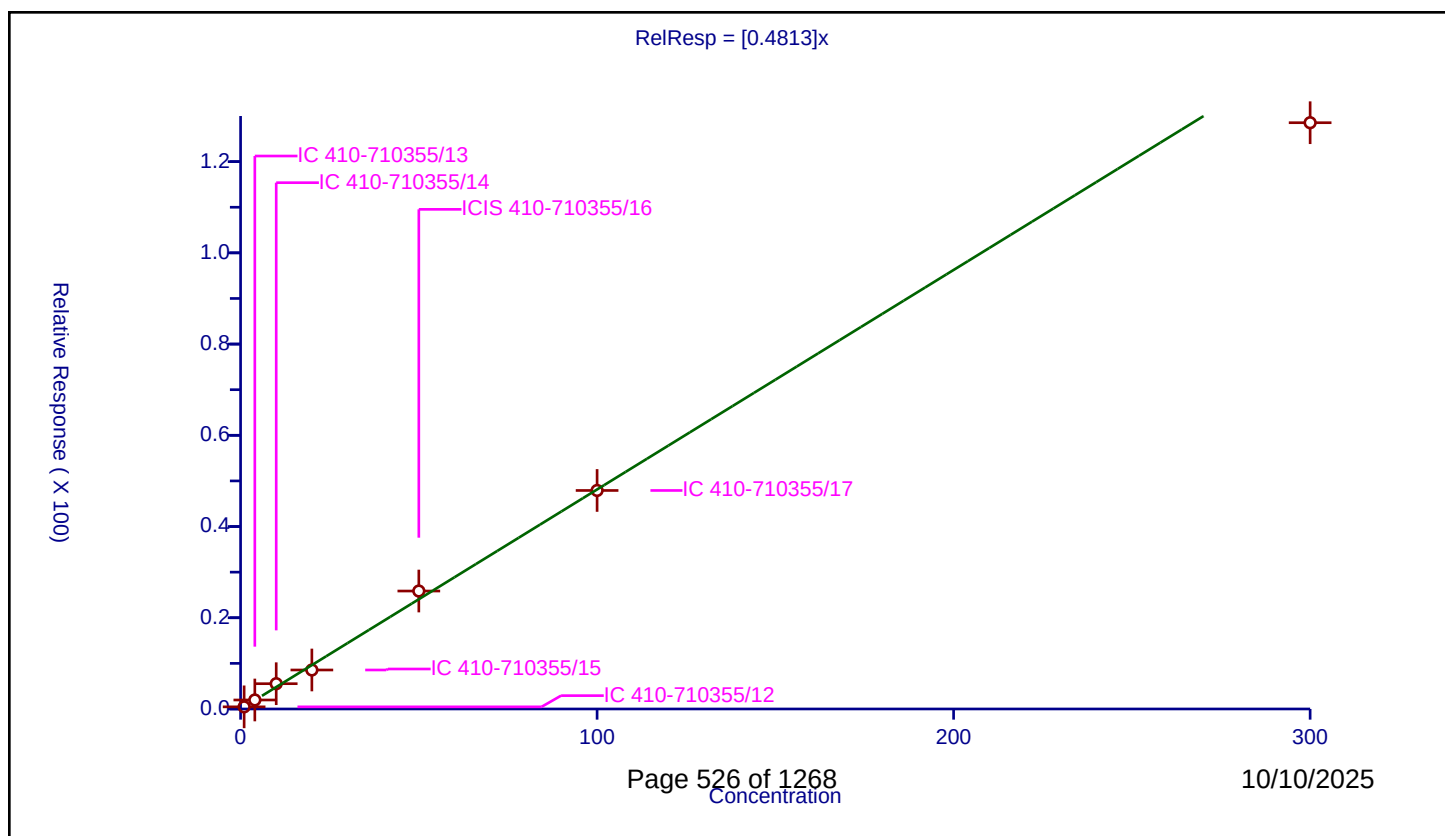
Curve Coefficients

Intercept: 0
Slope: 0.4813

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.468689	50.0	2220344.0	0.468689	Y
2	IC 410-710355/13	4.0	1.974855	50.0	2465042.0	0.493714	Y
3	IC 410-710355/14	10.0	5.54233	50.0	3258431.0	0.554233	Y
4	IC 410-710355/15	20.0	8.548242	50.0	2207881.0	0.427412	Y
5	ICIS 410-710355/16	50.0	25.861993	50.0	2616813.0	0.51724	Y
6	IC 410-710355/17	100.0	47.904536	50.0	2663229.0	0.479045	Y
7	IC 410-710355/18	300.0	128.531408	50.0	2904606.0	0.428438	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

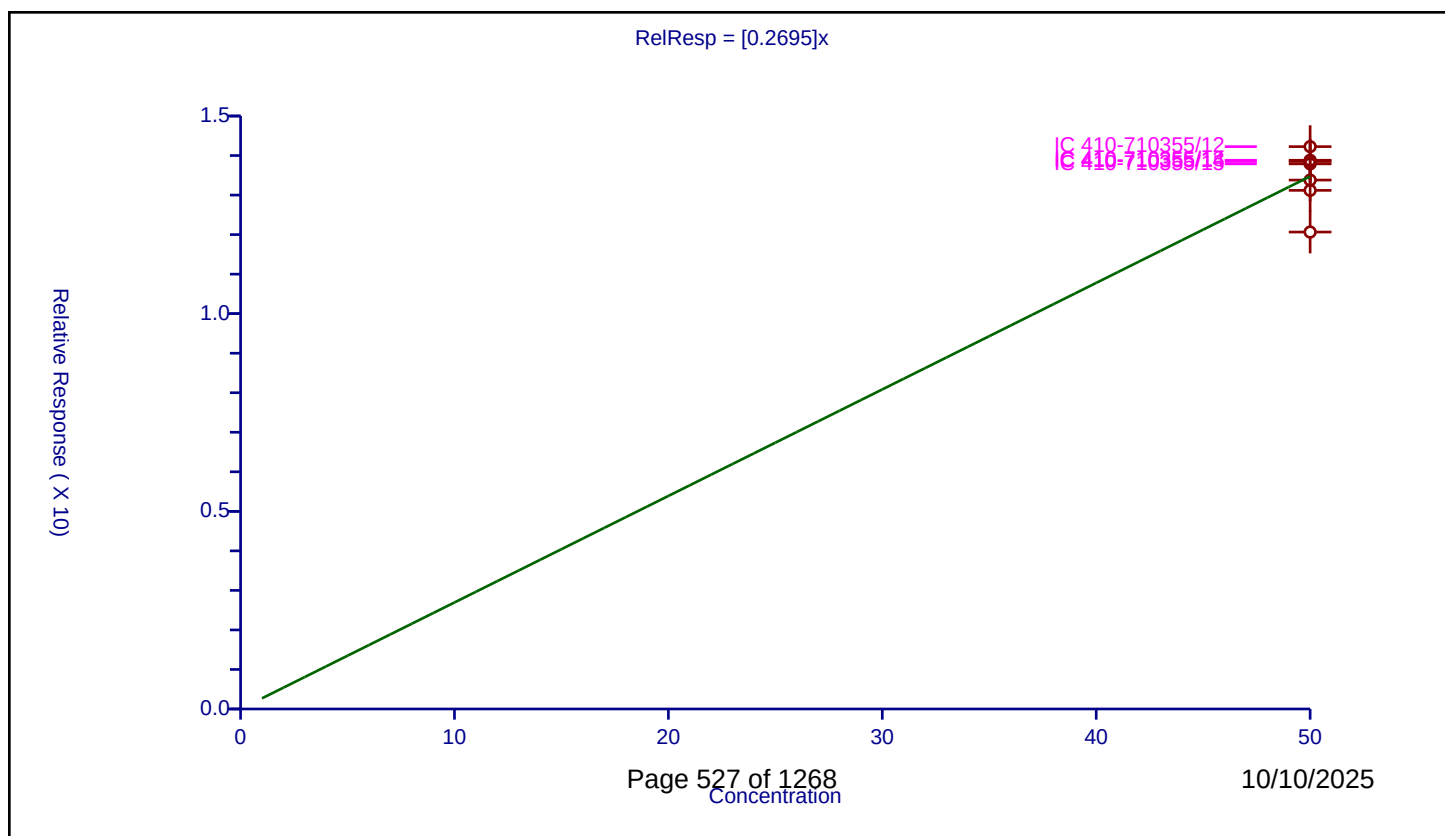
Curve Coefficients

Intercept: 0
 Slope: 0.2695

Error Coefficients

Relative Standard Deviation: 5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	14.225408	50.0	2220344.0	0.284508	Y
2	IC 410-710355/13	50.0	13.880798	50.0	2465042.0	0.277616	Y
3	IC 410-710355/14	50.0	13.850976	50.0	3258431.0	0.27702	Y
4	IC 410-710355/15	50.0	13.789783	50.0	2207881.0	0.275796	Y
5	ICIS 410-710355/16	50.0	13.379596	50.0	2616813.0	0.267592	Y
6	IC 410-710355/17	50.0	13.1196	50.0	2663229.0	0.262392	Y
7	IC 410-710355/18	50.0	12.064648	50.0	2904606.0	0.241293	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

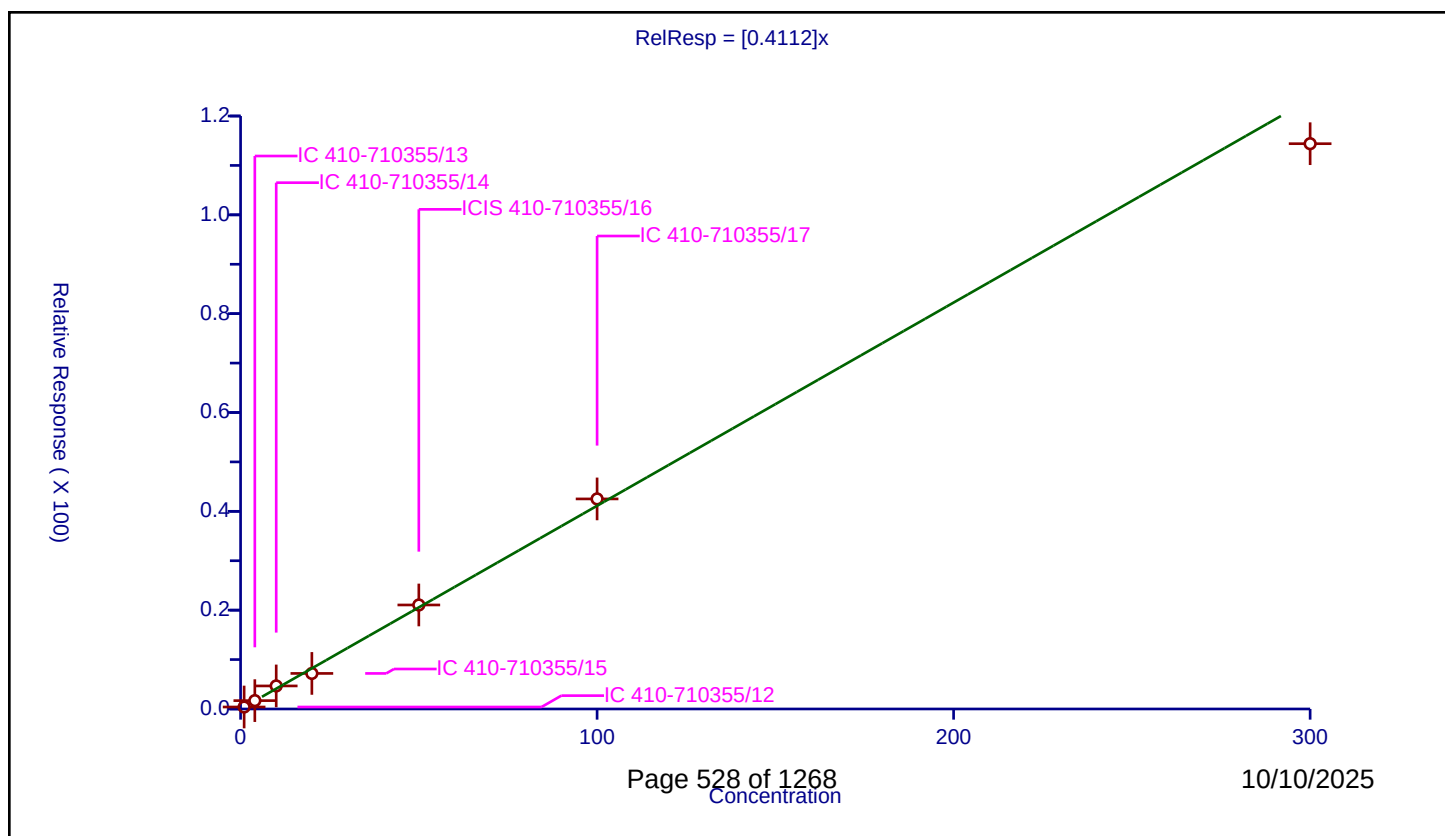
Curve Coefficients

Intercept: 0
Slope: 0.4112

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.401492	50.0	2220344.0	0.401492	Y
2	IC 410-710355/13	4.0	1.693075	50.0	2465042.0	0.423269	Y
3	IC 410-710355/14	10.0	4.667231	50.0	3258431.0	0.466723	Y
4	IC 410-710355/15	20.0	7.195202	50.0	2207881.0	0.35976	Y
5	ICIS 410-710355/16	50.0	21.047186	50.0	2616813.0	0.420944	Y
6	IC 410-710355/17	100.0	42.508511	50.0	2663229.0	0.425085	Y
7	IC 410-710355/18	300.0	114.400869	50.0	2904606.0	0.381336	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

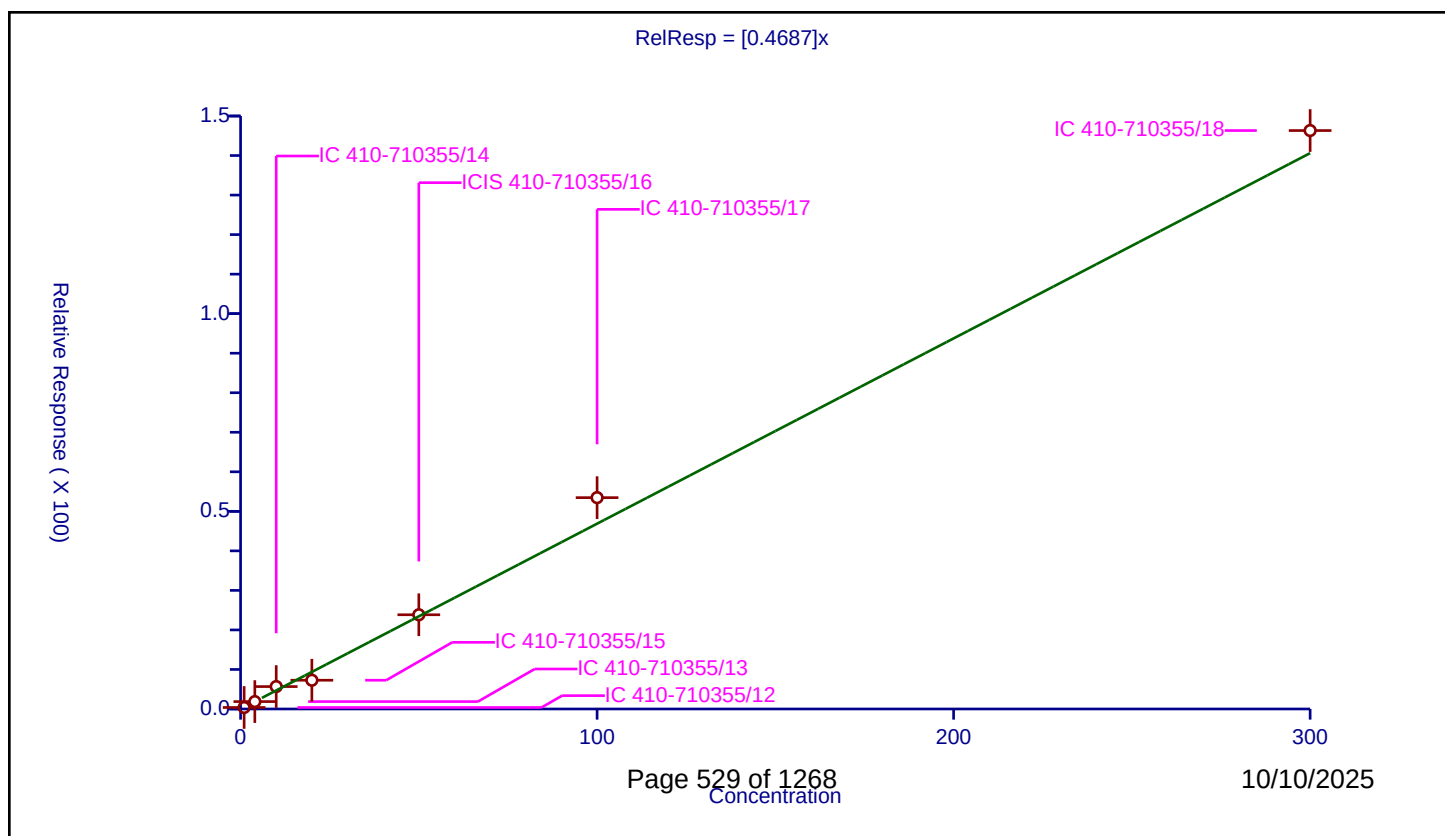
Curve Coefficients

Intercept: 0
Slope: 0.4687

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.382756	50.0	2220344.0	0.382756	Y
2	IC 410-710355/13	4.0	1.871997	50.0	2465042.0	0.467999	Y
3	IC 410-710355/14	10.0	5.671272	50.0	3258431.0	0.567127	Y
4	IC 410-710355/15	20.0	7.277747	50.0	2207881.0	0.363887	Y
5	ICIS 410-710355/16	50.0	23.834527	50.0	2616813.0	0.476691	Y
6	IC 410-710355/17	100.0	53.463183	50.0	2663229.0	0.534632	Y
7	IC 410-710355/18	300.0	146.325922	50.0	2904606.0	0.487753	Y



Calibration

/ 1,1-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

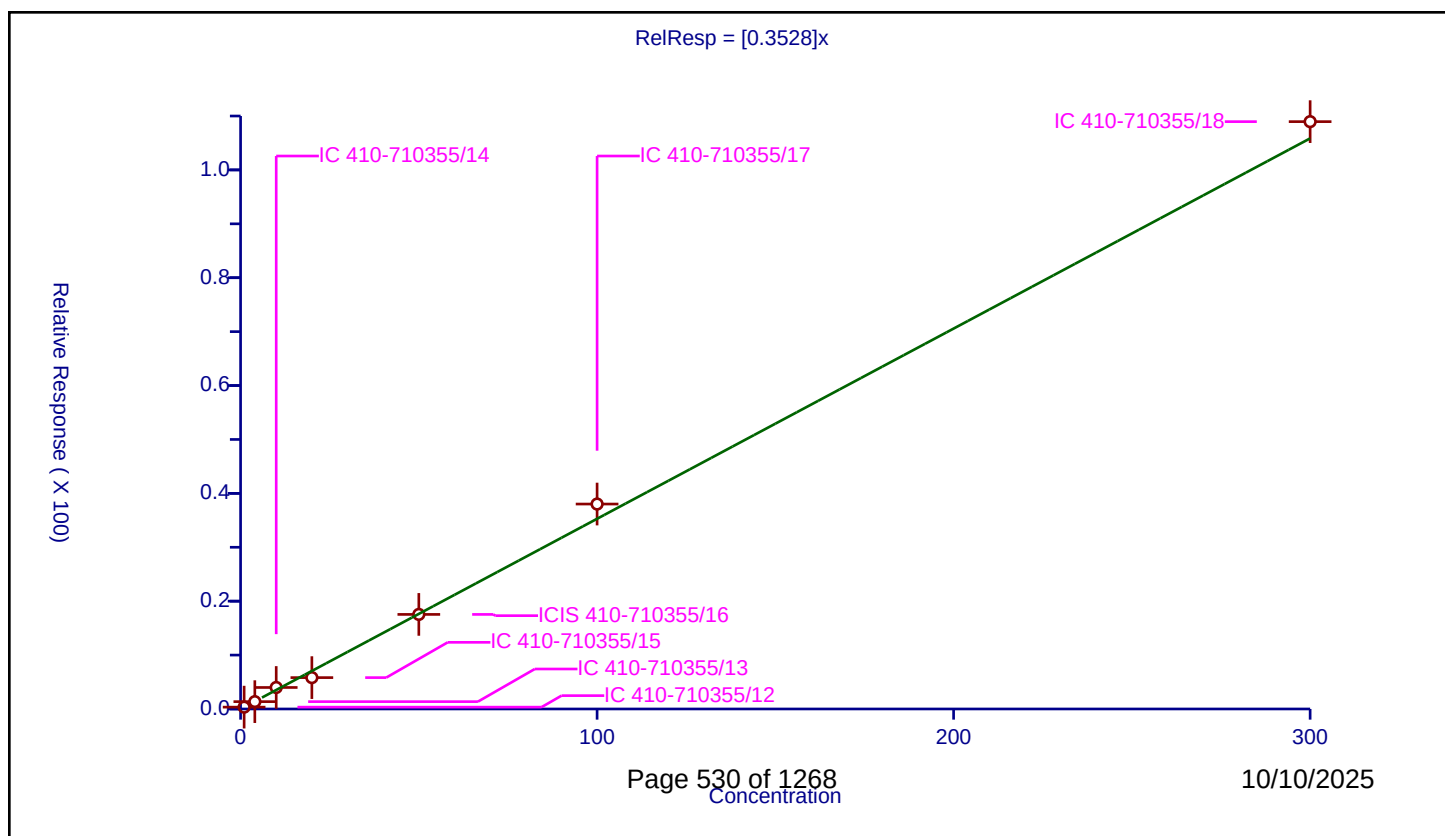
Curve Coefficients

Intercept: 0
Slope: 0.3528

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.344676	50.0	2220344.0	0.344676	Y
2	IC 410-710355/13	4.0	1.364581	50.0	2465042.0	0.341145	Y
3	IC 410-710355/14	10.0	3.98764	50.0	3258431.0	0.398764	Y
4	IC 410-710355/15	20.0	5.819652	50.0	2207881.0	0.290983	Y
5	ICIS 410-710355/16	50.0	17.545121	50.0	2616813.0	0.350902	Y
6	IC 410-710355/17	100.0	38.016502	50.0	2663229.0	0.380165	Y
7	IC 410-710355/18	300.0	108.954795	50.0	2904606.0	0.363183	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

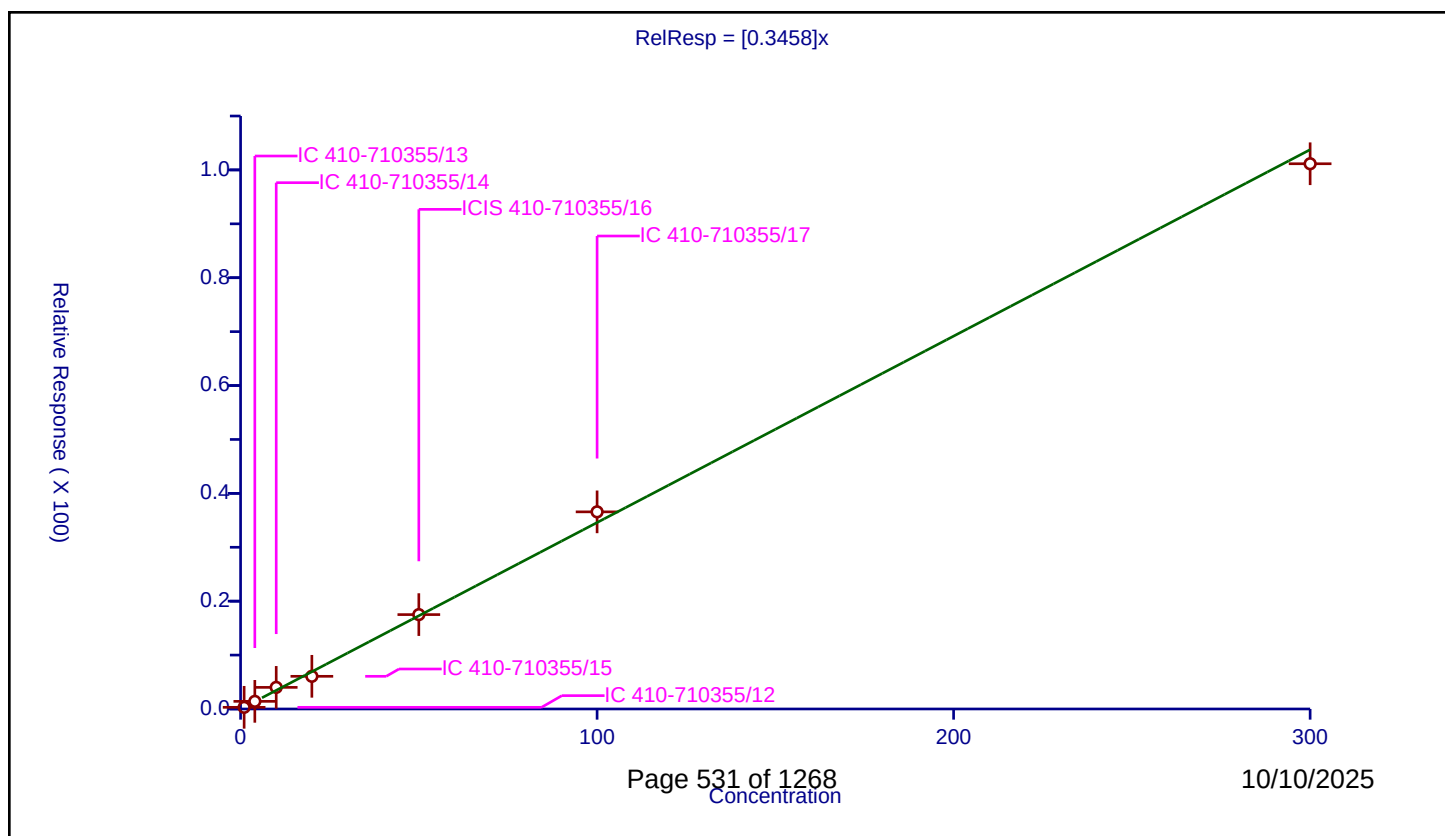
Curve Coefficients

Intercept: 0
Slope: 0.3458

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.309502	50.0	2220344.0	0.309502	Y
2	IC 410-710355/13	4.0	1.418252	50.0	2465042.0	0.354563	Y
3	IC 410-710355/14	10.0	4.008923	50.0	3258431.0	0.400892	Y
4	IC 410-710355/15	20.0	6.060087	50.0	2207881.0	0.303004	Y
5	ICIS 410-710355/16	50.0	17.507116	50.0	2616813.0	0.350142	Y
6	IC 410-710355/17	100.0	36.569931	50.0	2663229.0	0.365699	Y
7	IC 410-710355/18	300.0	101.143821	50.0	2904606.0	0.337146	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

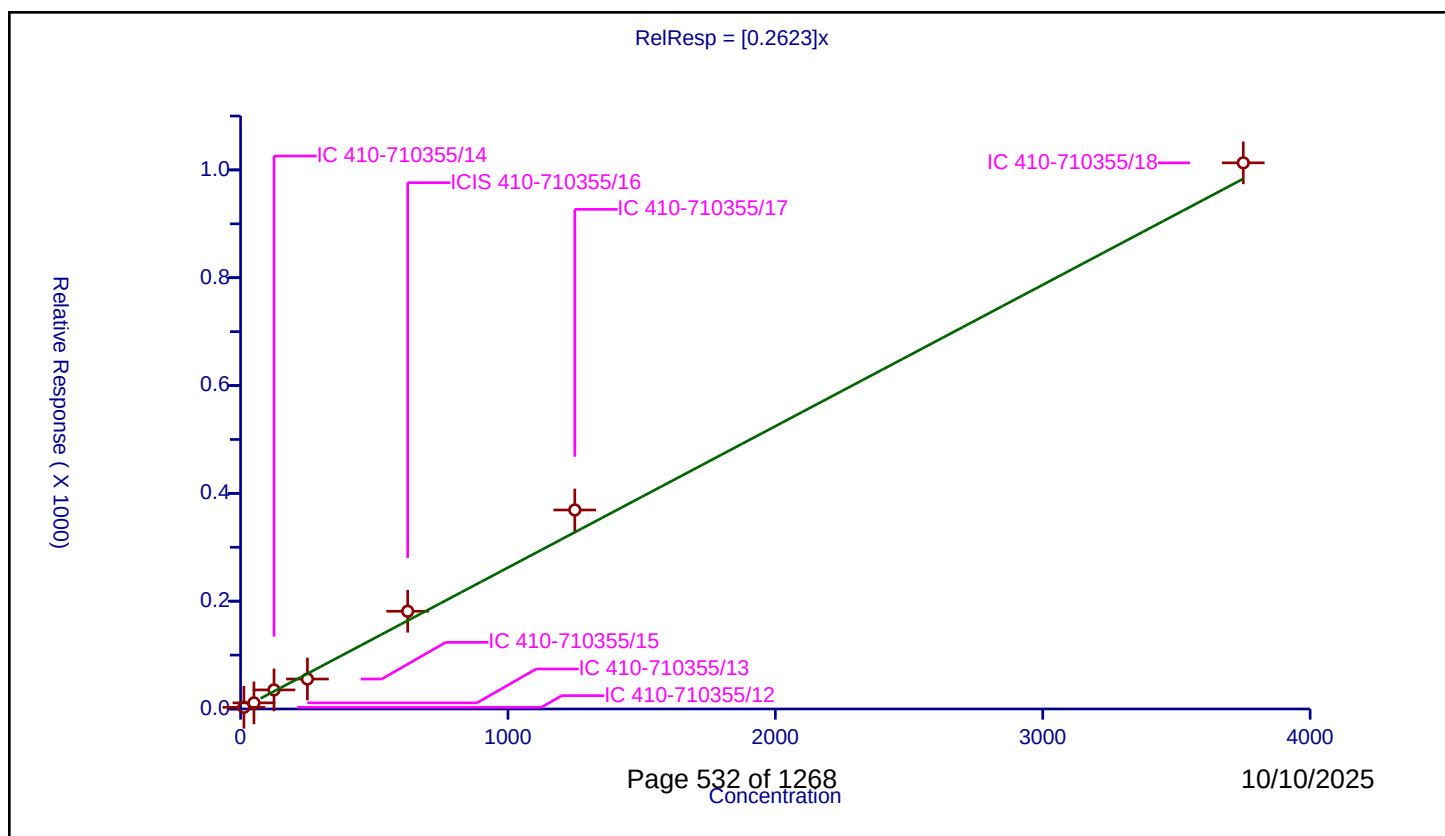
Curve Coefficients

Intercept: 0
Slope: 0.2623

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	12.5	3.09609	250.0	1926785.0	0.247687	Y
2	IC 410-710355/13	50.0	11.356316	250.0	1976081.0	0.227126	Y
3	IC 410-710355/14	125.0	35.414906	250.0	2740788.0	0.283319	Y
4	IC 410-710355/15	250.0	55.566151	250.0	1753878.0	0.222265	Y
5	ICIS 410-710355/16	625.0	181.288114	250.0	2093728.0	0.290061	Y
6	IC 410-710355/17	1250.0	369.141238	250.0	1943030.0	0.295313	Y
7	IC 410-710355/18	3750.0	1013.109923	250.0	2125146.0	0.270163	Y



Calibration

/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

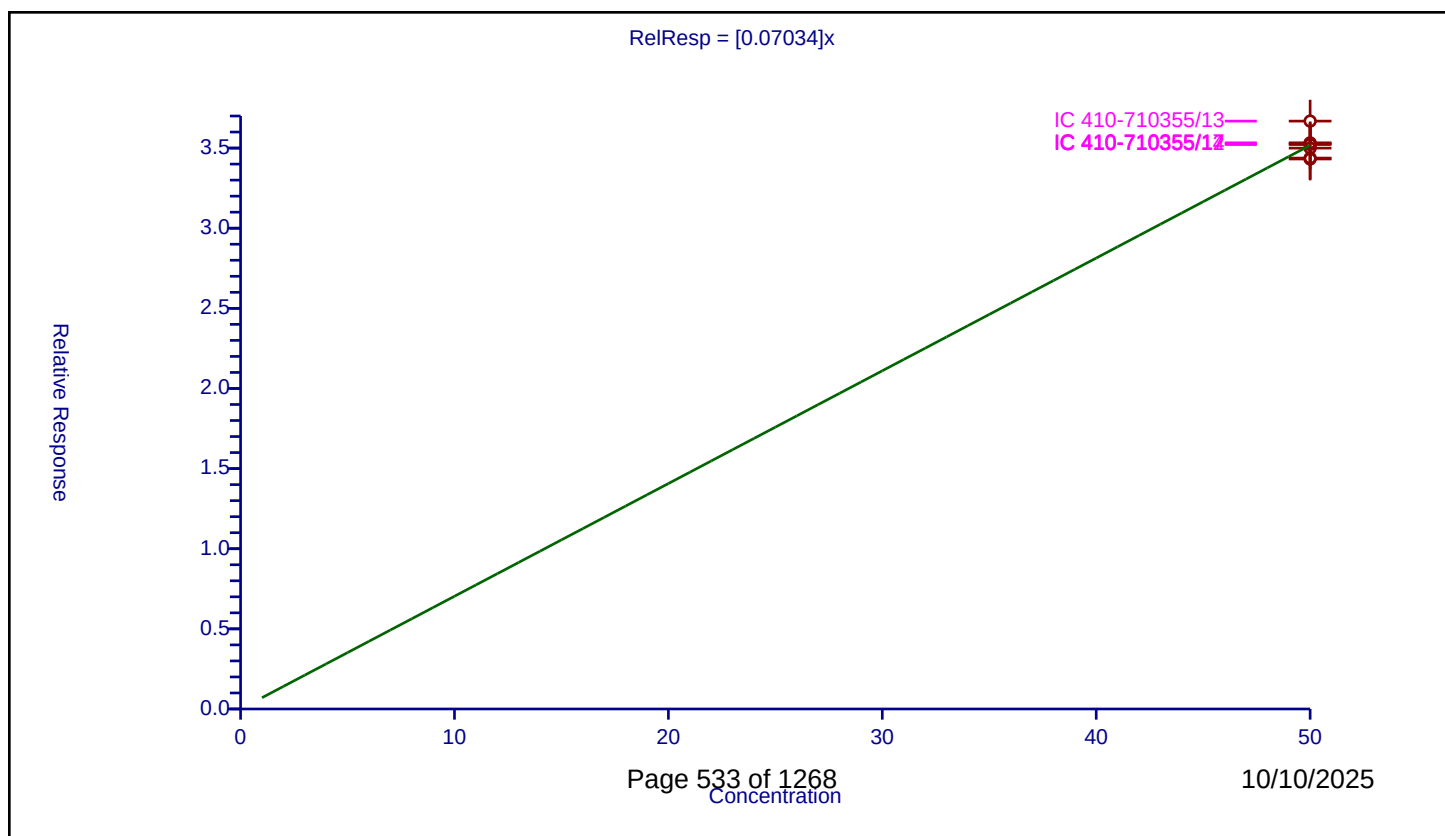
Curve Coefficients

Intercept: 0
 Slope: 0.07034

Error Coefficients

Relative Standard Deviation: 2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	3.527516	50.0	2220344.0	0.07055	Y
2	IC 410-710355/13	50.0	3.668234	50.0	2465042.0	0.073365	Y
3	IC 410-710355/14	50.0	3.521987	50.0	3258431.0	0.07044	Y
4	IC 410-710355/15	50.0	3.431843	50.0	2207881.0	0.068637	Y
5	ICIS 410-710355/16	50.0	3.499677	50.0	2616813.0	0.069994	Y
6	IC 410-710355/17	50.0	3.53276	50.0	2663229.0	0.070655	Y
7	IC 410-710355/18	50.0	3.437575	50.0	2904606.0	0.068751	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

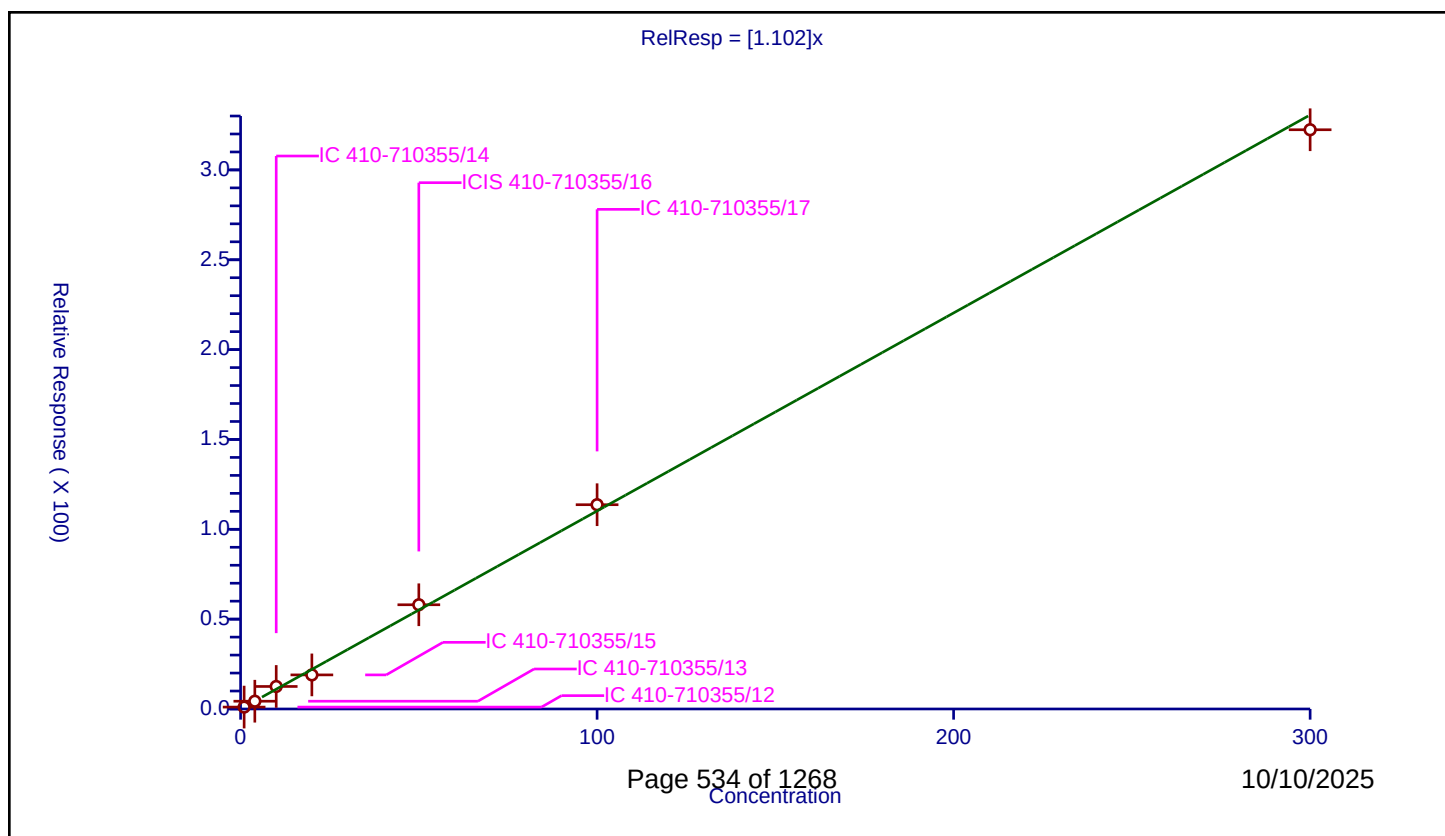
Curve Coefficients

Intercept: 0
Slope: 1.102

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.057764	50.0	2220344.0	1.057764	Y
2	IC 410-710355/13	4.0	4.33023	50.0	2465042.0	1.082558	Y
3	IC 410-710355/14	10.0	12.535236	50.0	3258431.0	1.253524	Y
4	IC 410-710355/15	20.0	18.978853	50.0	2207881.0	0.948943	Y
5	ICIS 410-710355/16	50.0	58.000858	50.0	2616813.0	1.160017	Y
6	IC 410-710355/17	100.0	113.685736	50.0	2663229.0	1.136857	Y
7	IC 410-710355/18	300.0	322.357352	50.0	2904606.0	1.074525	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

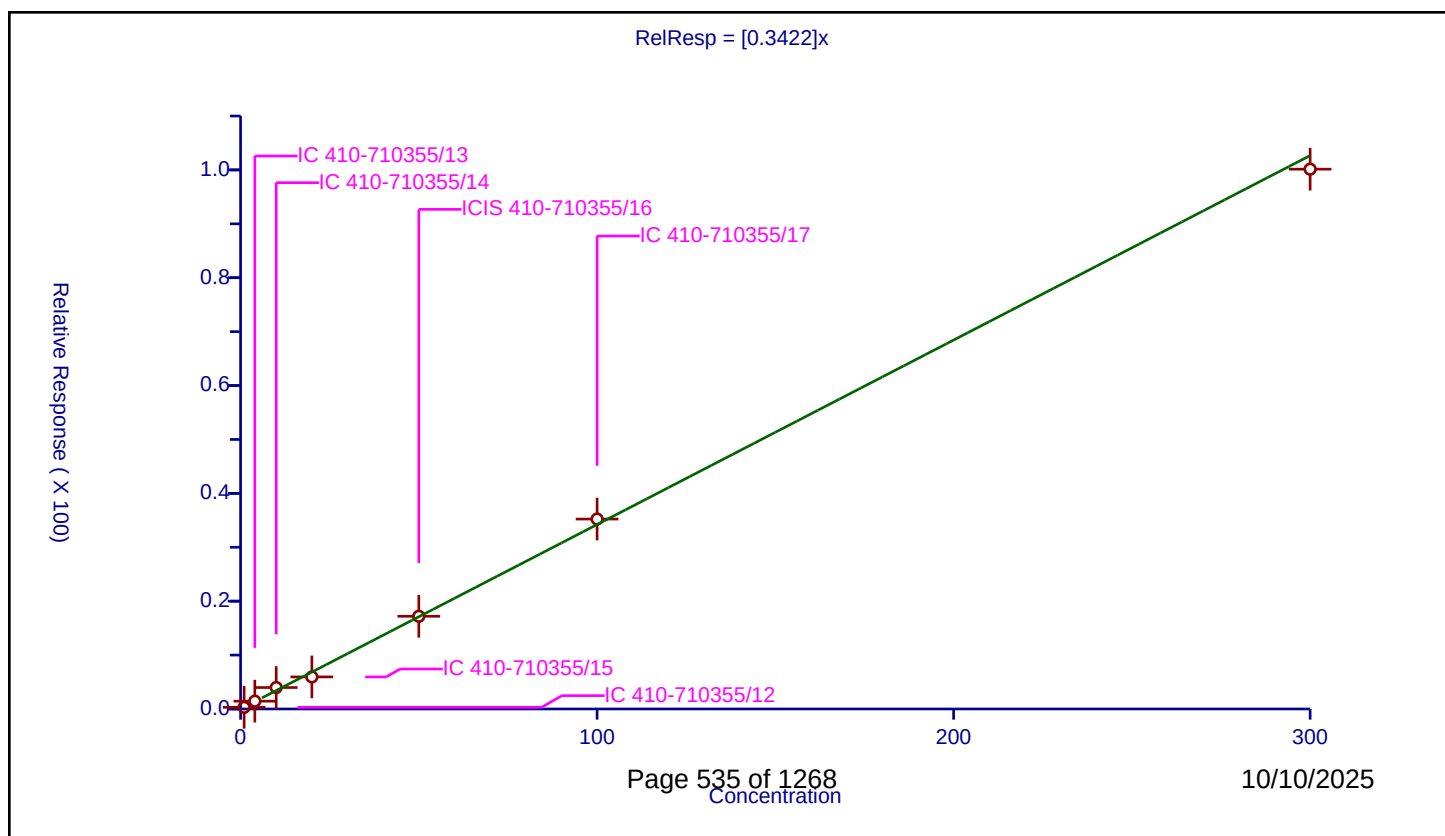
Curve Coefficients

Intercept: 0
Slope: 0.3422

Error Coefficients

Relative Standard Deviation: 9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.307272	50.0	2220344.0	0.307272	Y
2	IC 410-710355/13	4.0	1.450868	50.0	2465042.0	0.362717	Y
3	IC 410-710355/14	10.0	3.979308	50.0	3258431.0	0.397931	Y
4	IC 410-710355/15	20.0	5.947603	50.0	2207881.0	0.29738	Y
5	ICIS 410-710355/16	50.0	17.195459	50.0	2616813.0	0.343909	Y
6	IC 410-710355/17	100.0	35.235423	50.0	2663229.0	0.352354	Y
7	IC 410-710355/18	300.0	100.142808	50.0	2904606.0	0.333809	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

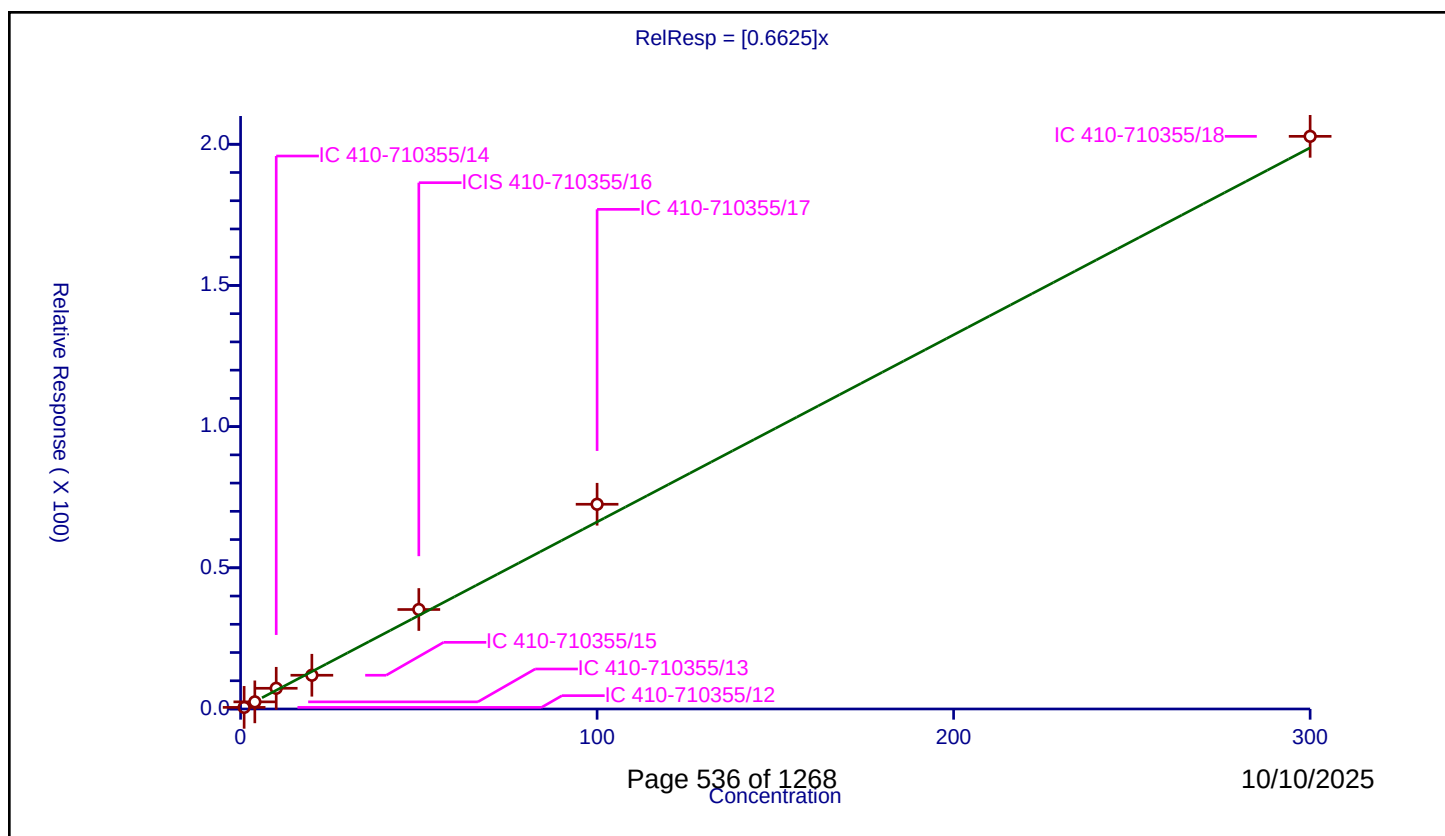
Curve Coefficients

Intercept: 0
Slope: 0.6625

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.569979	50.0	2220344.0	0.569979	Y
2	IC 410-710355/13	4.0	2.523385	50.0	2465042.0	0.630846	Y
3	IC 410-710355/14	10.0	7.336107	50.0	3258431.0	0.733611	Y
4	IC 410-710355/15	20.0	11.951459	50.0	2207881.0	0.597573	Y
5	ICIS 410-710355/16	50.0	35.228463	50.0	2616813.0	0.704569	Y
6	IC 410-710355/17	100.0	72.502196	50.0	2663229.0	0.725022	Y
7	IC 410-710355/18	300.0	202.801086	50.0	2904606.0	0.676004	Y



Calibration

/ n-Heptane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

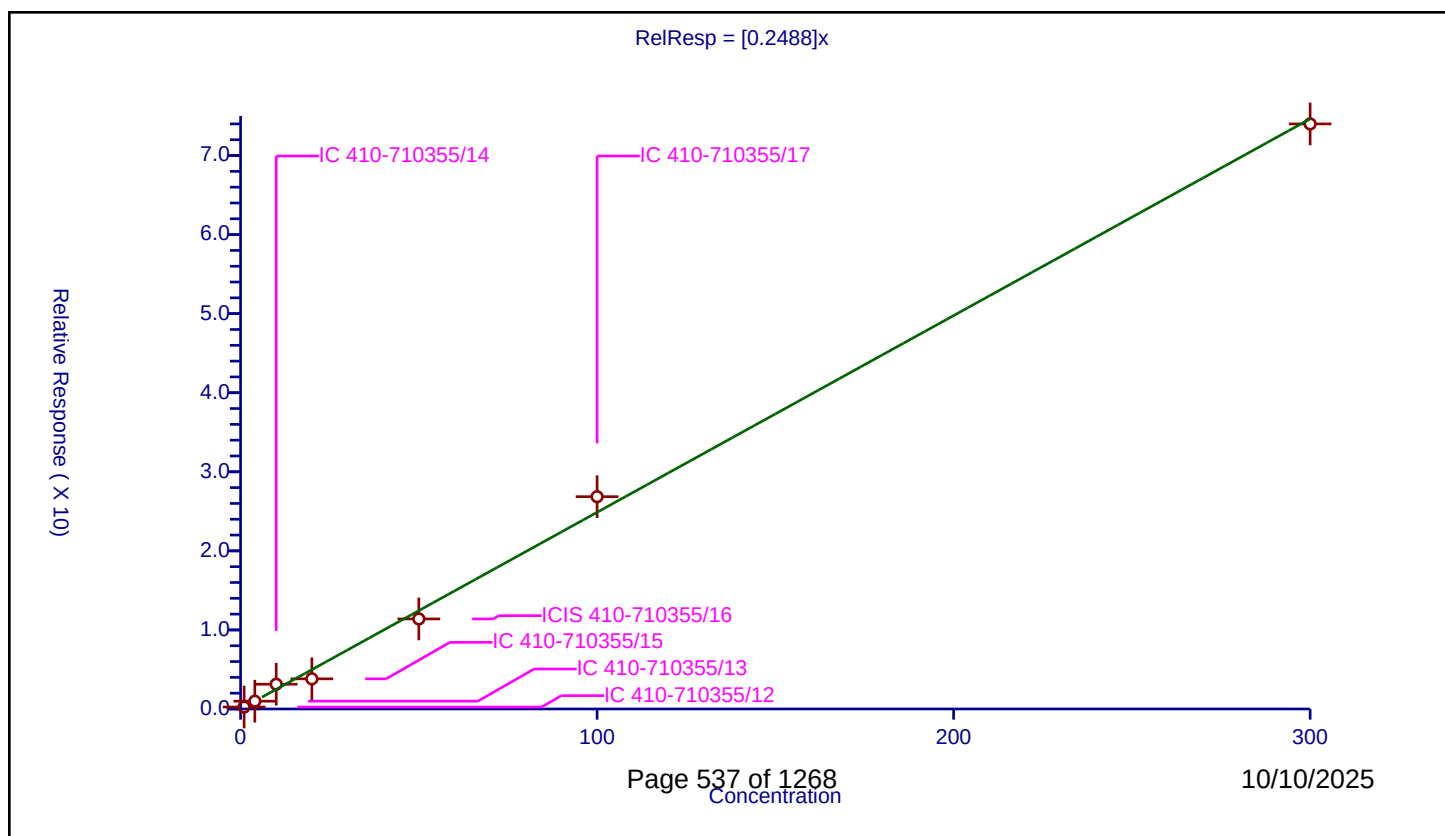
Curve Coefficients

Intercept: 0
Slope: 0.2488

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.248137	50.0	2220344.0	0.248137	Y
2	IC 410-710355/13	4.0	0.986778	50.0	2465042.0	0.246695	Y
3	IC 410-710355/14	10.0	3.131001	50.0	3258431.0	0.3131	Y
4	IC 410-710355/15	20.0	3.811392	50.0	2207881.0	0.19057	Y
5	ICIS 410-710355/16	50.0	11.39065	50.0	2616813.0	0.227813	Y
6	IC 410-710355/17	100.0	26.852911	50.0	2663229.0	0.268529	Y
7	IC 410-710355/18	300.0	74.003135	50.0	2904606.0	0.246677	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

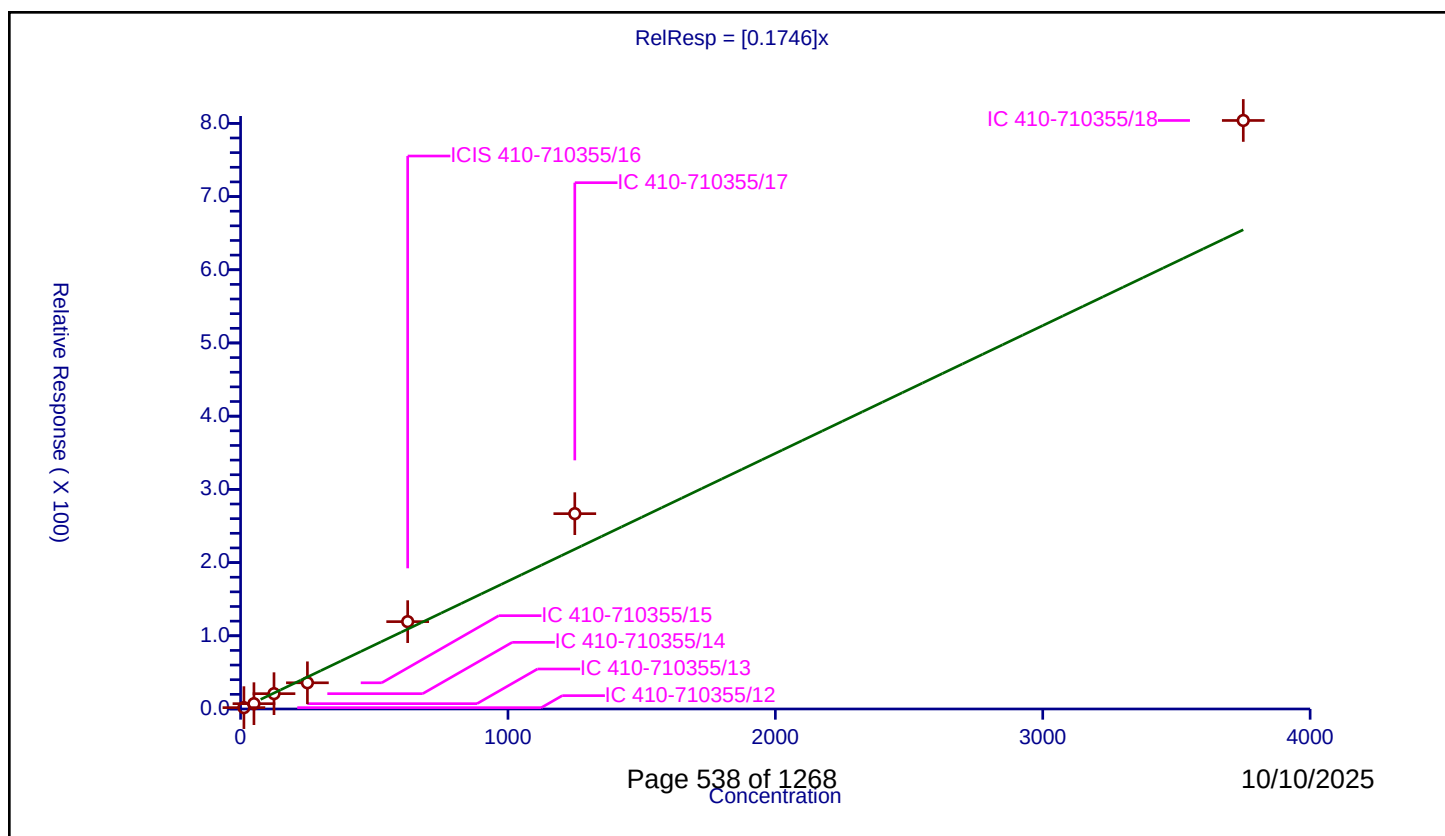
Curve Coefficients

Intercept: 0
Slope: 0.1746

Error Coefficients

Relative Standard Deviation: 18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	12.5	1.843096	250.0	1926785.0	0.147448	Y
2	IC 410-710355/13	50.0	7.259318	250.0	1976081.0	0.145186	Y
3	IC 410-710355/14	125.0	20.93668	250.0	2740788.0	0.167493	Y
4	IC 410-710355/15	250.0	35.791543	250.0	1753878.0	0.143166	Y
5	ICIS 410-710355/16	625.0	119.312418	250.0	2093728.0	0.1909	Y
6	IC 410-710355/17	1250.0	266.819092	250.0	1943030.0	0.213455	Y
7	IC 410-710355/18	3750.0	803.917472	250.0	2125146.0	0.214378	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

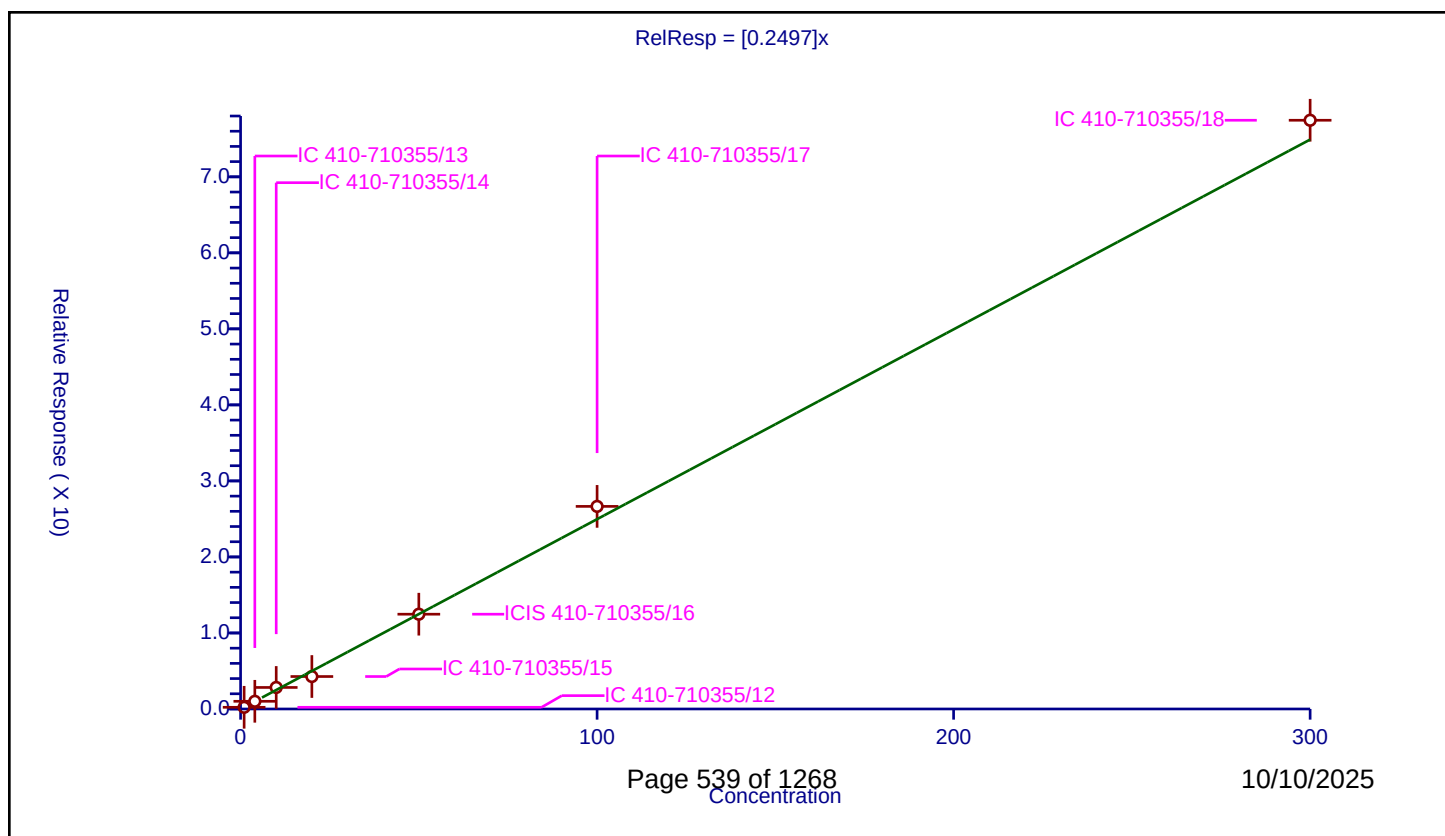
Curve Coefficients

Intercept: 0
Slope: 0.2497

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.223546	50.0	2220344.0	0.223546	Y
2	IC 410-710355/13	4.0	1.013167	50.0	2465042.0	0.253292	Y
3	IC 410-710355/14	10.0	2.834079	50.0	3258431.0	0.283408	Y
4	IC 410-710355/15	20.0	4.27009	50.0	2207881.0	0.213504	Y
5	ICIS 410-710355/16	50.0	12.469252	50.0	2616813.0	0.249385	Y
6	IC 410-710355/17	100.0	26.648553	50.0	2663229.0	0.266486	Y
7	IC 410-710355/18	300.0	77.44207	50.0	2904606.0	0.25814	Y



Calibration

/ Methylcyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

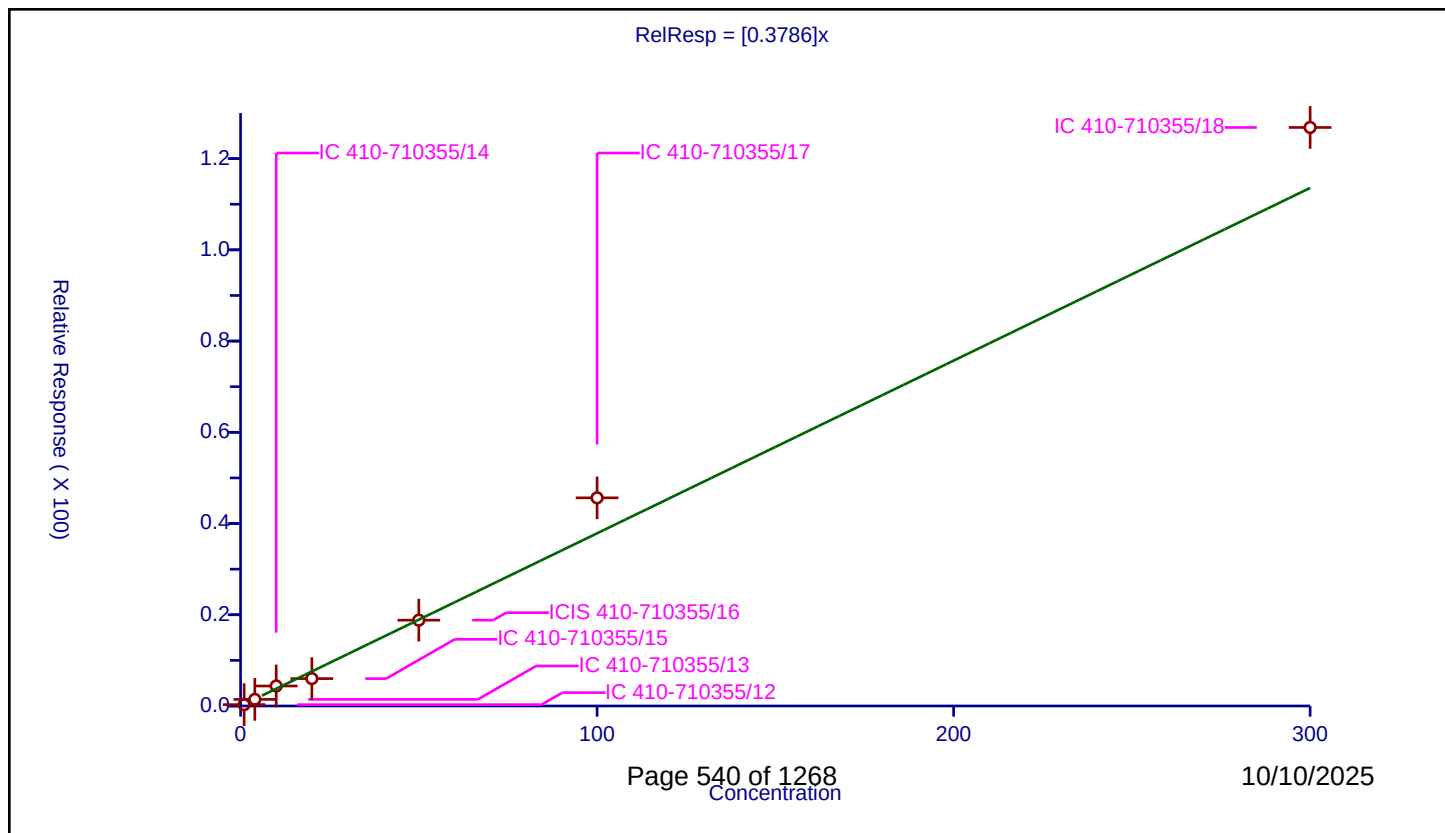
Curve Coefficients

Intercept: 0
Slope: 0.3786

Error Coefficients

Relative Standard Deviation: 17.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.293986	50.0	2220344.0	0.293986	Y
2	IC 410-710355/13	4.0	1.44963	50.0	2465042.0	0.362408	Y
3	IC 410-710355/14	10.0	4.379807	50.0	3258431.0	0.437981	Y
4	IC 410-710355/15	20.0	6.002837	50.0	2207881.0	0.300142	Y
5	ICIS 410-710355/16	50.0	18.816706	50.0	2616813.0	0.376334	Y
6	IC 410-710355/17	100.0	45.63481	50.0	2663229.0	0.456348	Y
7	IC 410-710355/18	300.0	126.832641	50.0	2904606.0	0.422775	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

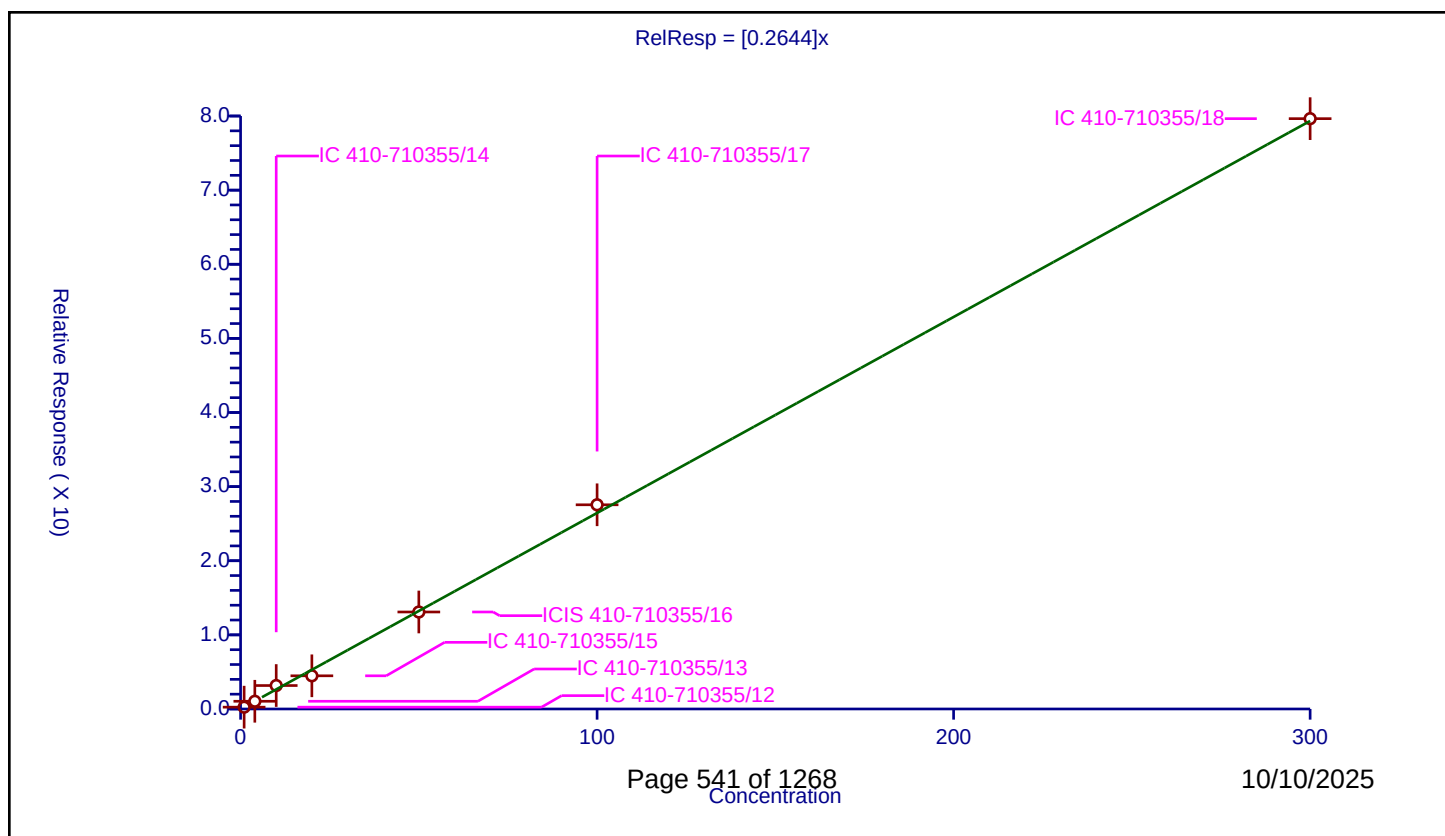
Curve Coefficients

Intercept: 0
Slope: 0.2644

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.247574	50.0	2220344.0	0.247574	Y
2	IC 410-710355/13	4.0	1.043147	50.0	2465042.0	0.260787	Y
3	IC 410-710355/14	10.0	3.162964	50.0	3258431.0	0.316296	Y
4	IC 410-710355/15	20.0	4.475604	50.0	2207881.0	0.22378	Y
5	ICIS 410-710355/16	50.0	13.084771	50.0	2616813.0	0.261695	Y
6	IC 410-710355/17	100.0	27.549677	50.0	2663229.0	0.275497	Y
7	IC 410-710355/18	300.0	79.64359	50.0	2904606.0	0.265479	Y



Calibration

/ 2-ethoxy-2-methyl butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

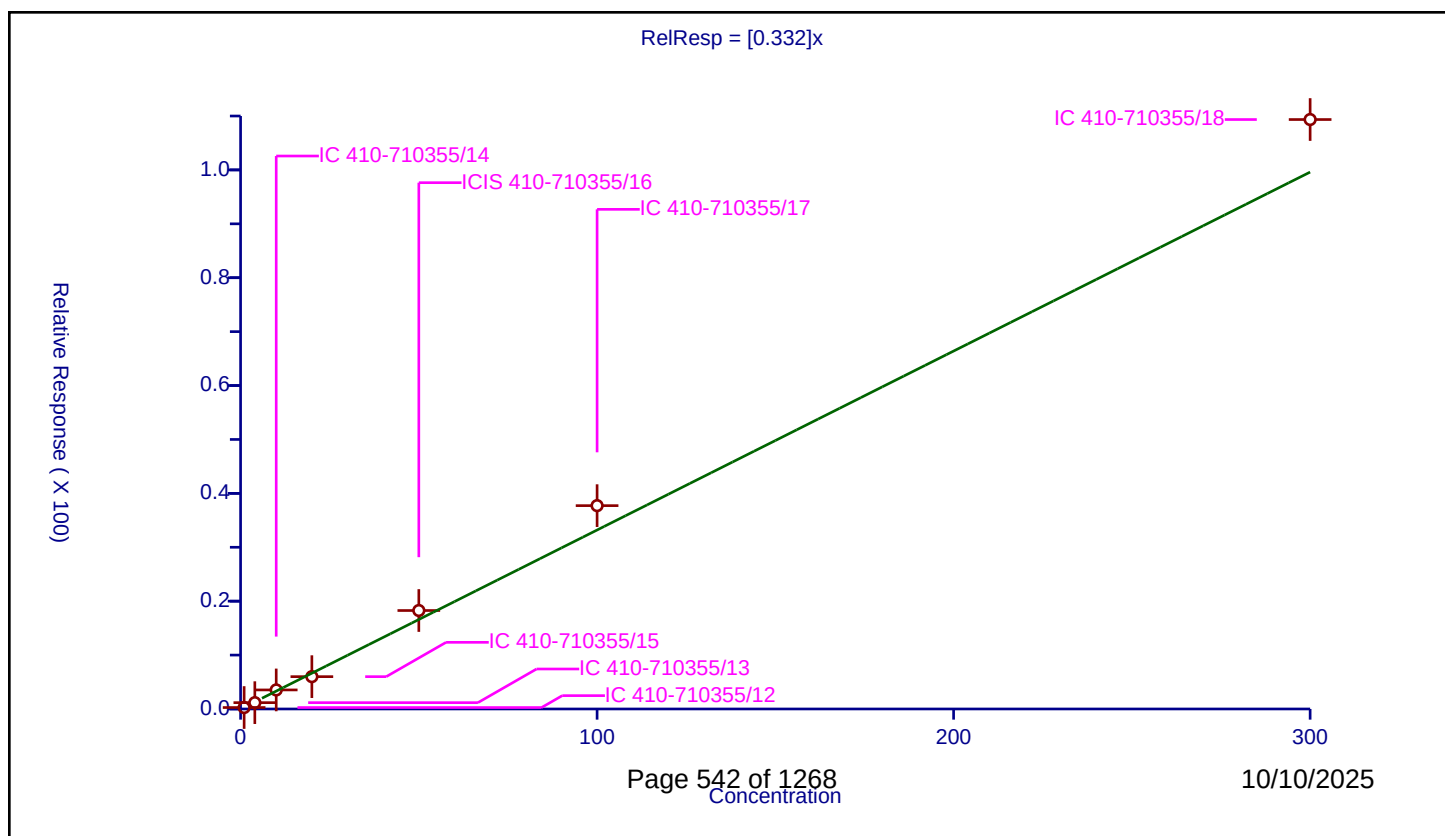
Curve Coefficients

Intercept: 0
Slope: 0.332

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.269665	50.0	2220344.0	0.269665	Y
2	IC 410-710355/13	4.0	1.176187	50.0	2465042.0	0.294047	Y
3	IC 410-710355/14	10.0	3.532406	50.0	3258431.0	0.353241	Y
4	IC 410-710355/15	20.0	5.998149	50.0	2207881.0	0.299907	Y
5	ICIS 410-710355/16	50.0	18.268271	50.0	2616813.0	0.365365	Y
6	IC 410-710355/17	100.0	37.723605	50.0	2663229.0	0.377236	Y
7	IC 410-710355/18	300.0	109.346569	50.0	2904606.0	0.364489	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

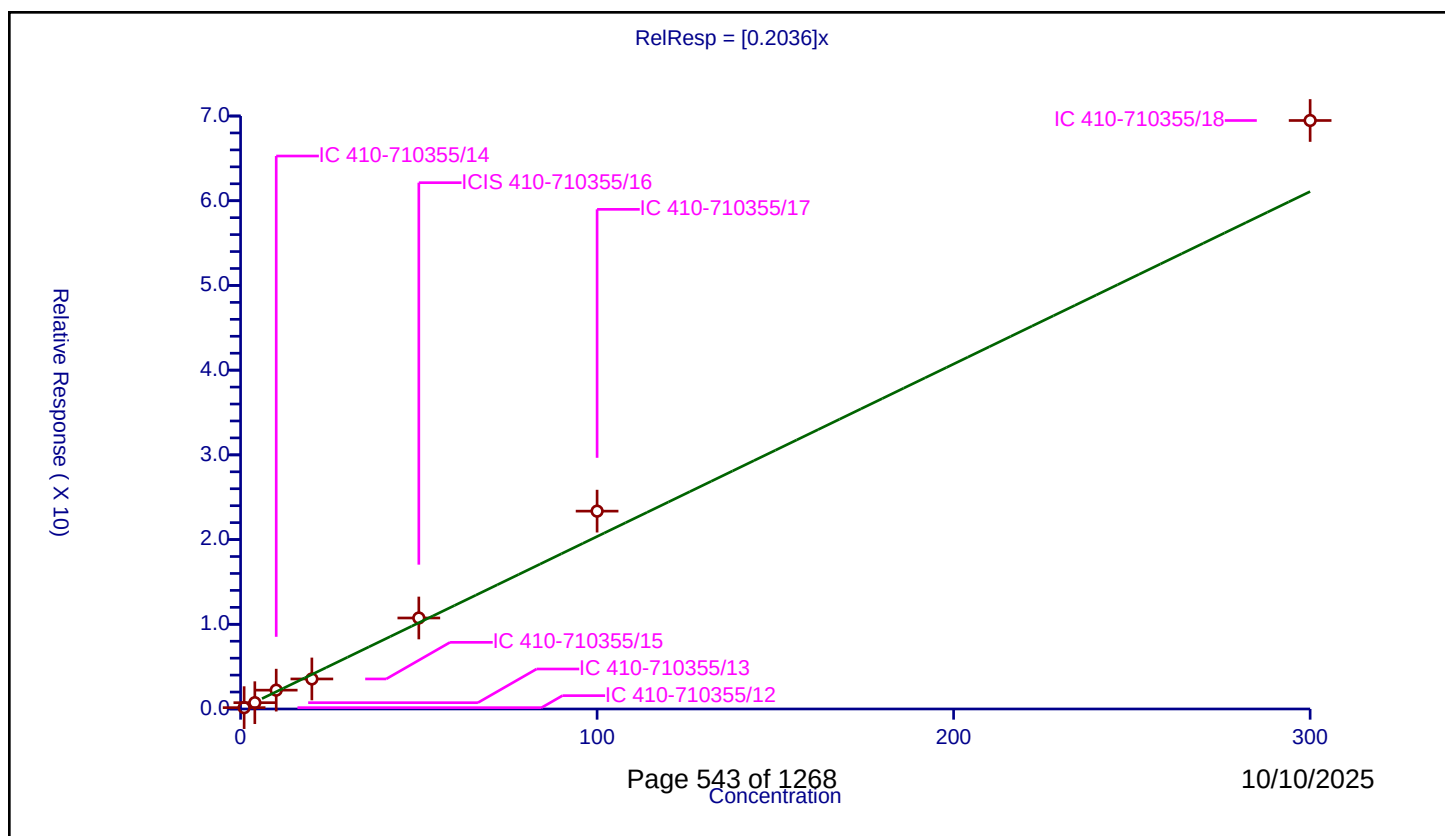
Curve Coefficients

Intercept: 0
Slope: 0.2036

Error Coefficients

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.159435	50.0	2220344.0	0.159435	Y
2	IC 410-710355/13	4.0	0.744632	50.0	2465042.0	0.186158	Y
3	IC 410-710355/14	10.0	2.223202	50.0	3258431.0	0.22232	Y
4	IC 410-710355/15	20.0	3.54693	50.0	2207881.0	0.177347	Y
5	ICIS 410-710355/16	50.0	10.741501	50.0	2616813.0	0.21483	Y
6	IC 410-710355/17	100.0	23.35691	50.0	2663229.0	0.233569	Y
7	IC 410-710355/18	300.0	69.470679	50.0	2904606.0	0.231569	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

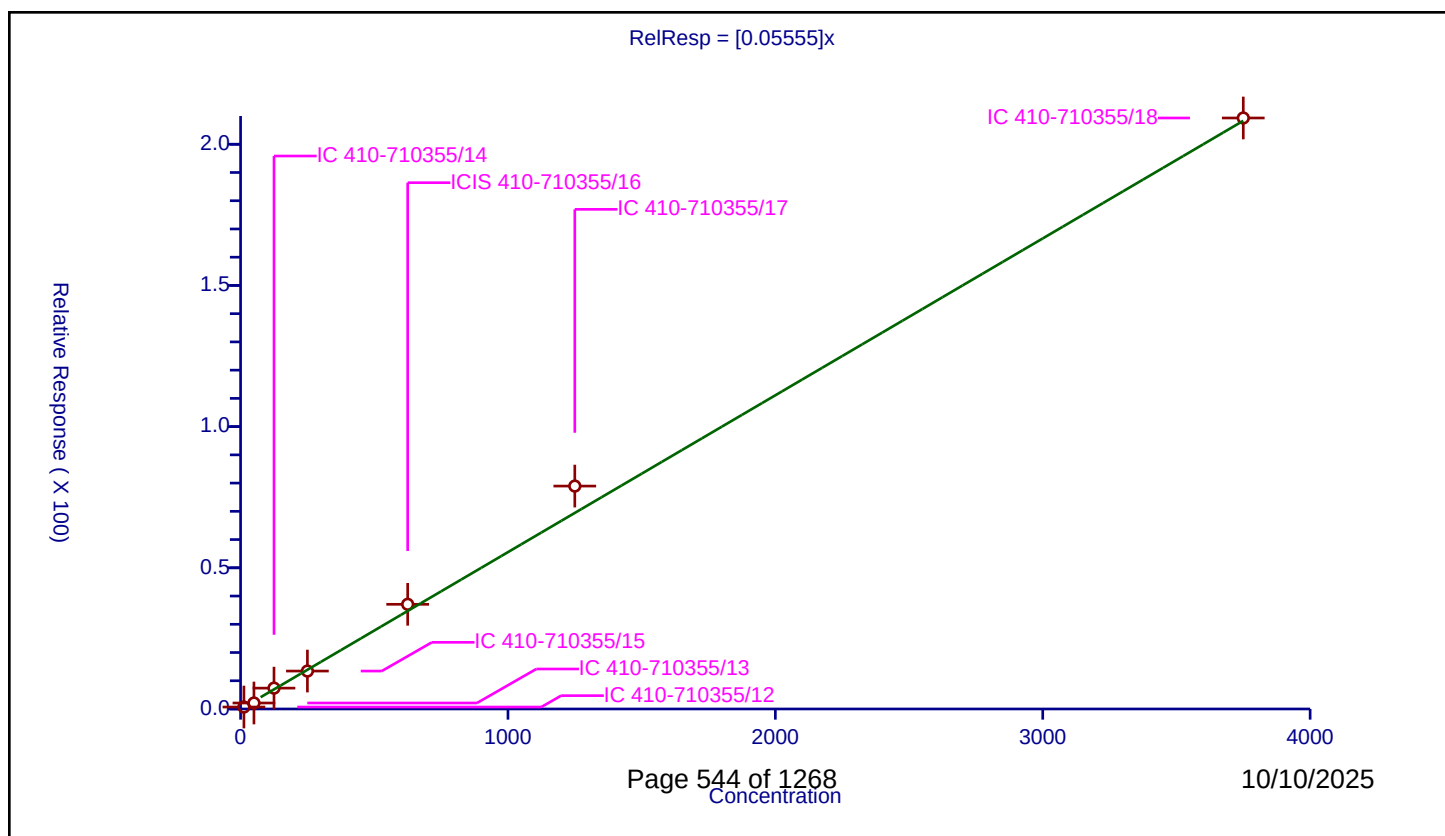
Curve Coefficients

Intercept: 0
Slope: 0.05555

Error Coefficients

Relative Standard Deviation: 11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	12.5	0.690658	250.0	1926785.0	0.055253	Y
2	IC 410-710355/13	50.0	2.122003	250.0	1976081.0	0.04244	Y
3	IC 410-710355/14	125.0	7.392035	250.0	2740788.0	0.059136	Y
4	IC 410-710355/15	250.0	13.429954	250.0	1753878.0	0.05372	Y
5	ICIS 410-710355/16	625.0	37.0743	250.0	2093728.0	0.059319	Y
6	IC 410-710355/17	1250.0	78.947958	250.0	1943030.0	0.063158	Y
7	IC 410-710355/18	3750.0	209.30409	250.0	2125146.0	0.055814	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

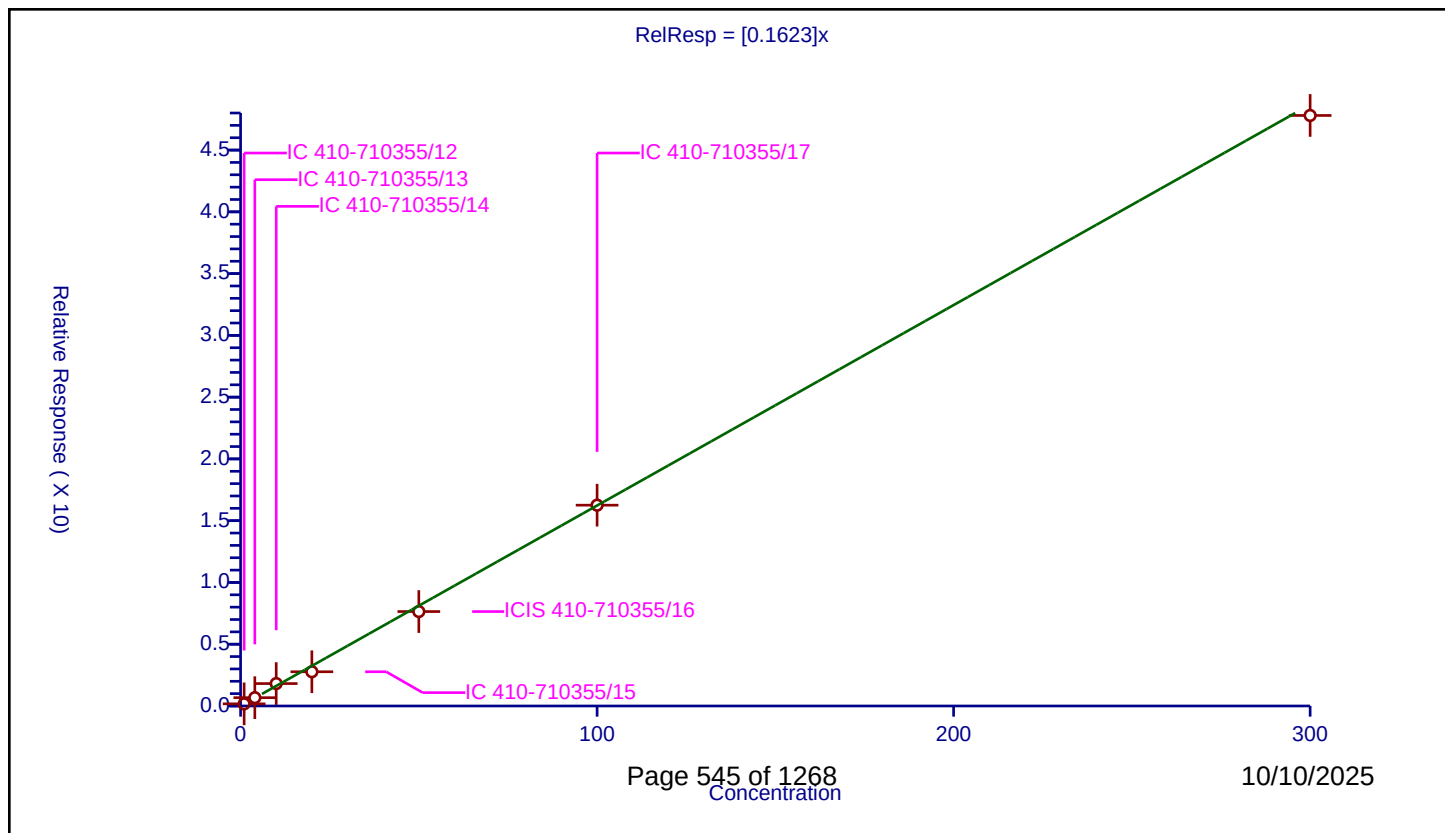
Curve Coefficients

Intercept: 0
Slope: 0.1623

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.173036	50.0	2220344.0	0.173036	Y
2	IC 410-710355/13	4.0	0.672666	50.0	2465042.0	0.168167	Y
3	IC 410-710355/14	10.0	1.813235	50.0	3258431.0	0.181323	Y
4	IC 410-710355/15	20.0	2.770869	50.0	2207881.0	0.138543	Y
5	ICIS 410-710355/16	50.0	7.643802	50.0	2616813.0	0.152876	Y
6	IC 410-710355/17	100.0	16.25553	50.0	2663229.0	0.162555	Y
7	IC 410-710355/18	300.0	47.801457	50.0	2904606.0	0.159338	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

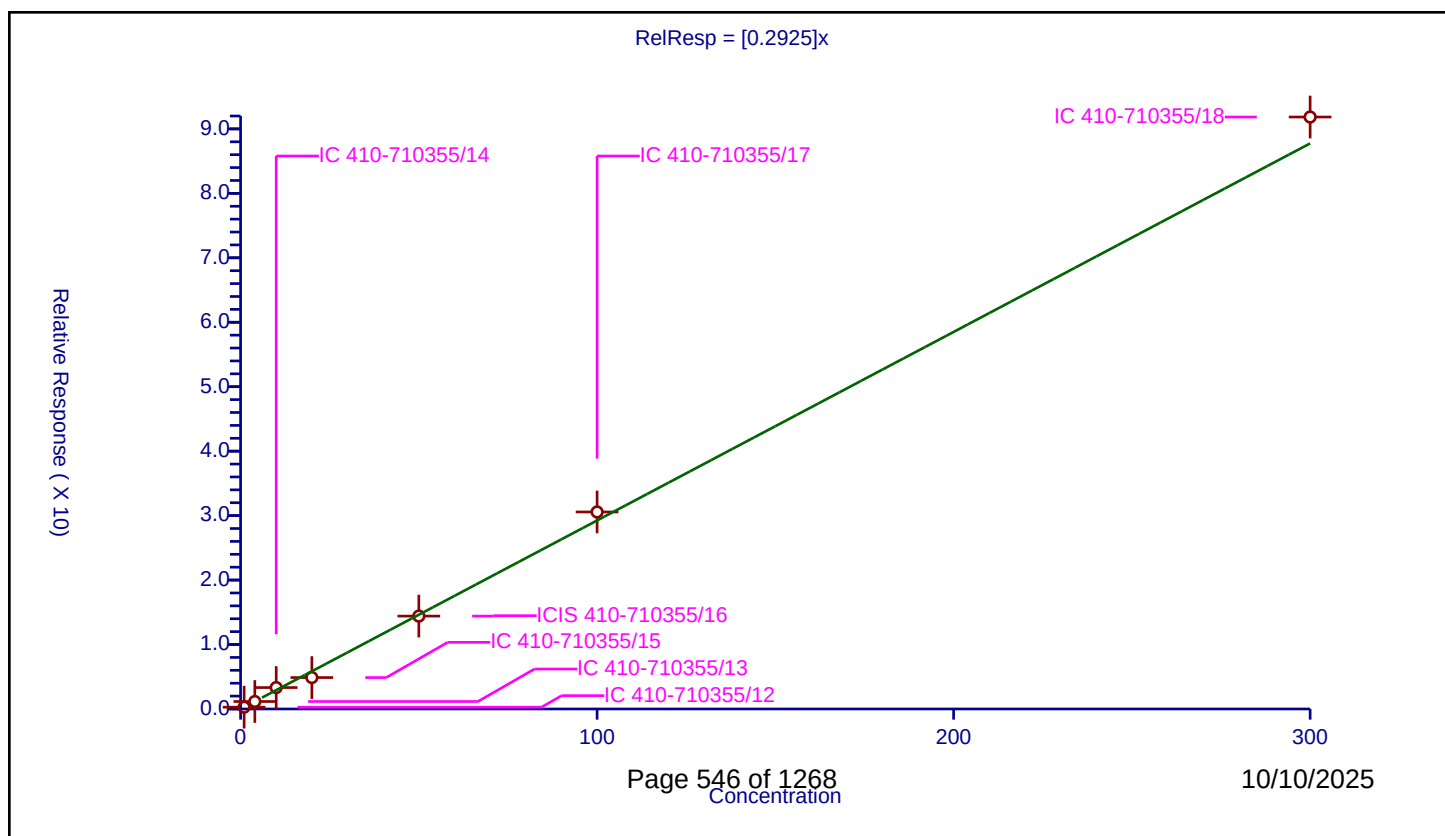
Curve Coefficients

Intercept: 0
Slope: 0.2925

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.280835	50.0	2220344.0	0.280835	Y
2	IC 410-710355/13	4.0	1.161968	50.0	2465042.0	0.290492	Y
3	IC 410-710355/14	10.0	3.324054	50.0	3258431.0	0.332405	Y
4	IC 410-710355/15	20.0	4.874017	50.0	2207881.0	0.243701	Y
5	ICIS 410-710355/16	50.0	14.410907	50.0	2616813.0	0.288218	Y
6	IC 410-710355/17	100.0	30.567424	50.0	2663229.0	0.305674	Y
7	IC 410-710355/18	300.0	91.841923	50.0	2904606.0	0.30614	Y



Calibration

/ 2-Nitropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

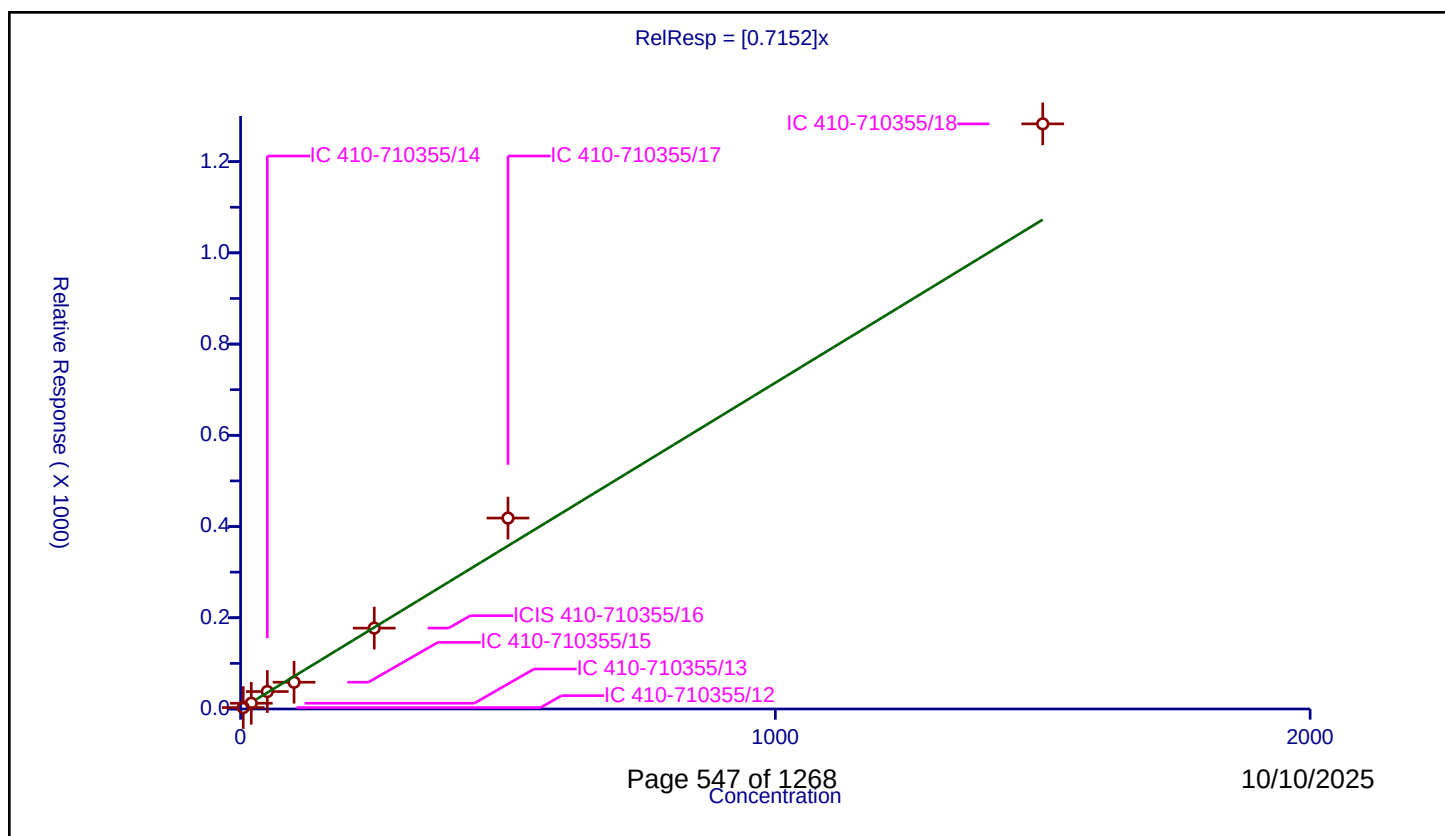
Curve Coefficients

Intercept: 0
Slope: 0.7152

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	5.0	3.110622	250.0	1926785.0	0.622124	Y
2	IC 410-710355/13	20.0	12.61588	250.0	1976081.0	0.630794	Y
3	IC 410-710355/14	50.0	38.28087	250.0	2740788.0	0.765617	Y
4	IC 410-710355/15	100.0	58.645328	250.0	1753878.0	0.586453	Y
5	ICIS 410-710355/16	250.0	177.279355	250.0	2093728.0	0.709117	Y
6	IC 410-710355/17	500.0	418.559415	250.0	1943030.0	0.837119	Y
7	IC 410-710355/18	1500.0	1282.796805	250.0	2125146.0	0.855198	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

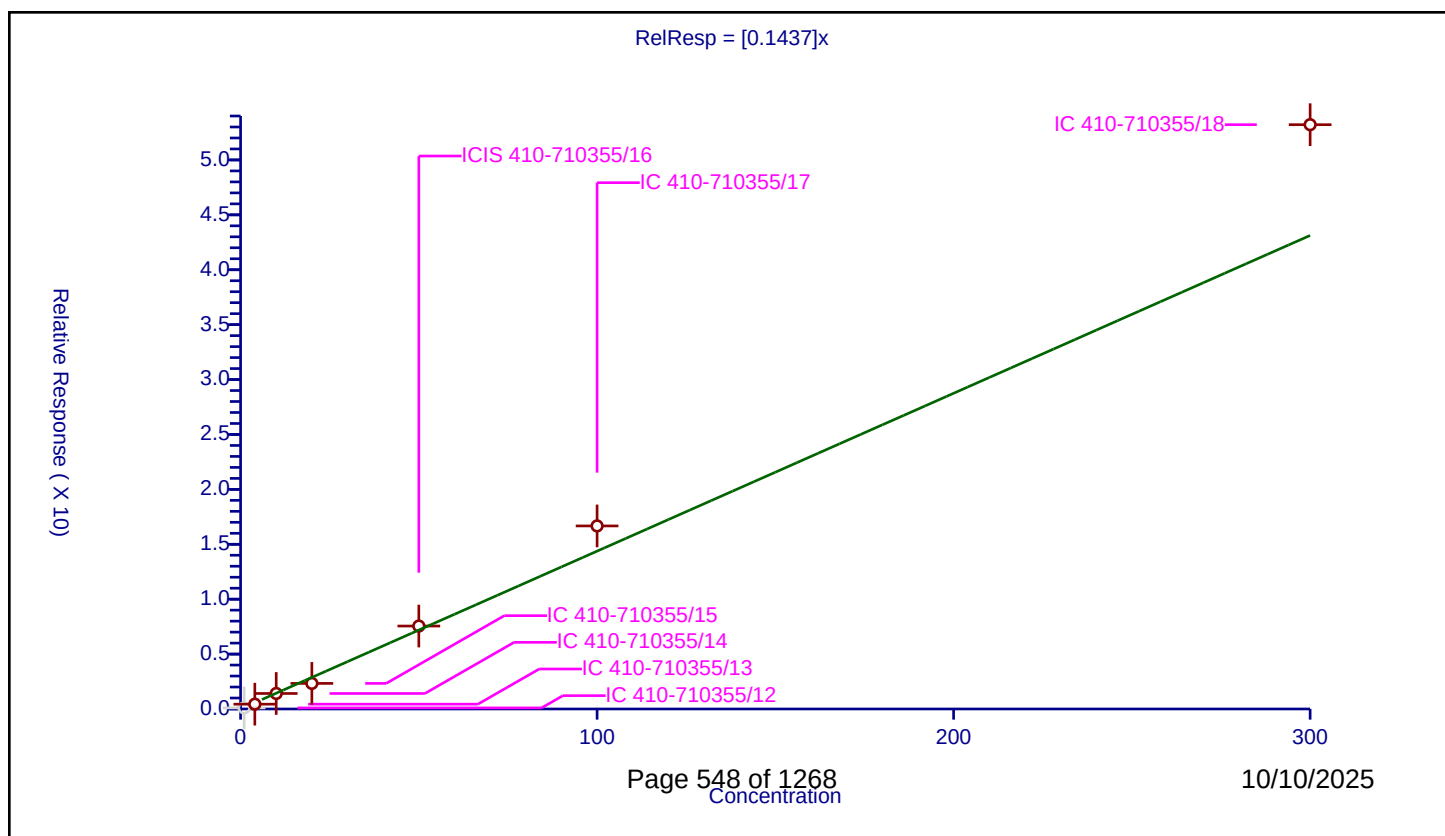
Curve Coefficients

Intercept: 0
Slope: 0.1437

Error Coefficients

Relative Standard Deviation: 18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.09771	50.0	2220344.0	0.09771	N
2	IC 410-710355/13	4.0	0.438573	50.0	2465042.0	0.109643	Y
3	IC 410-710355/14	10.0	1.412321	50.0	3258431.0	0.141232	Y
4	IC 410-710355/15	20.0	2.329179	50.0	2207881.0	0.116459	Y
5	ICIS 410-710355/16	50.0	7.552871	50.0	2616813.0	0.151057	Y
6	IC 410-710355/17	100.0	16.67106	50.0	2663229.0	0.166711	Y
7	IC 410-710355/18	300.0	53.210194	50.0	2904606.0	0.177367	Y



Calibration

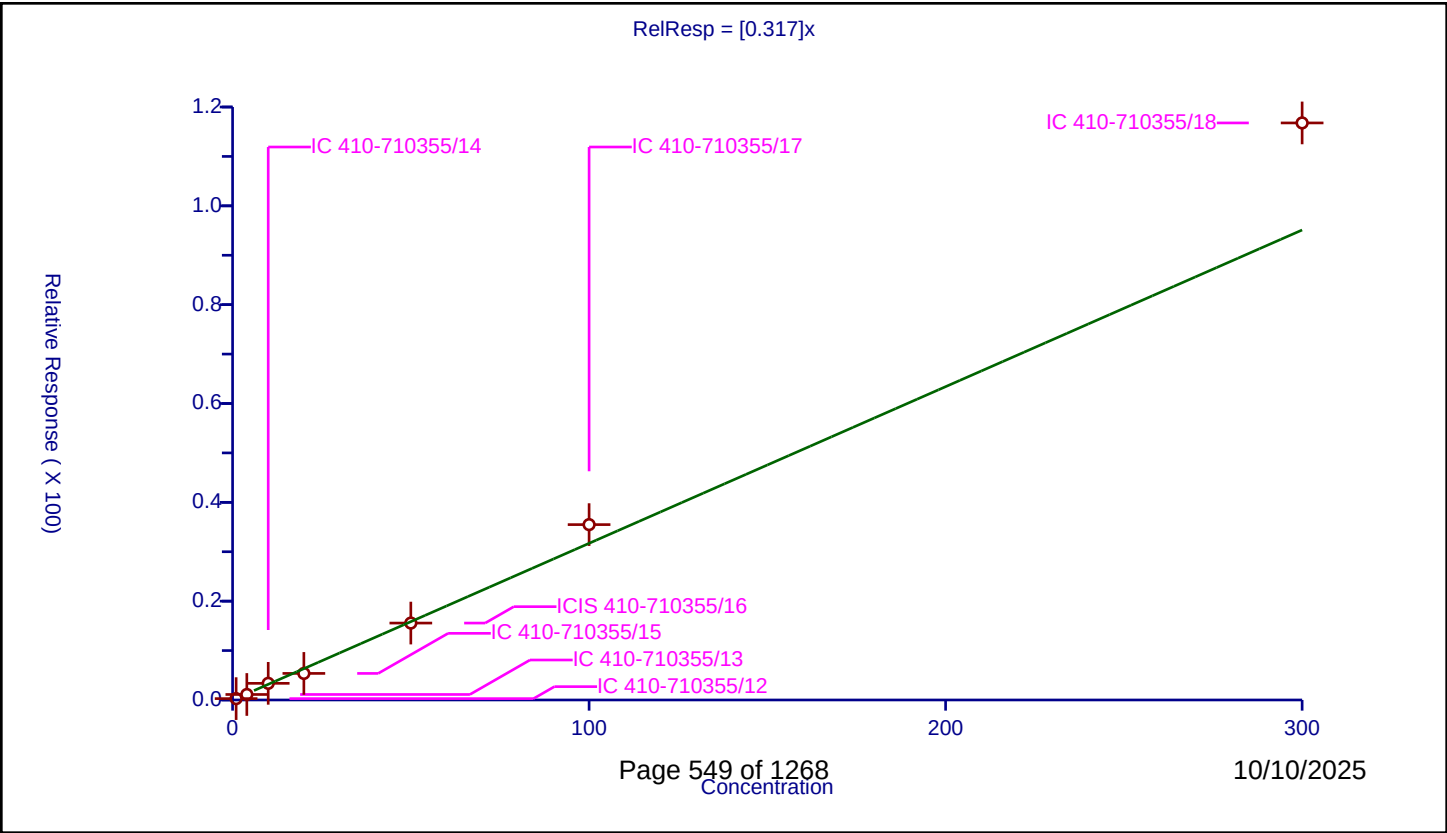
/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.317
Error Coefficients	

Relative Standard Deviation: 14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.278876	50.0	2220344.0	0.278876	Y
2	IC 410-710355/13	4.0	1.115944	50.0	2465042.0	0.278986	Y
3	IC 410-710355/14	10.0	3.370441	50.0	3258431.0	0.337044	Y
4	IC 410-710355/15	20.0	5.375924	50.0	2207881.0	0.268796	Y
5	ICIS 410-710355/16	50.0	15.568212	50.0	2616813.0	0.311364	Y
6	IC 410-710355/17	100.0	35.488236	50.0	2663229.0	0.354882	Y
7	IC 410-710355/18	300.0	116.776406	50.0	2904606.0	0.389255	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

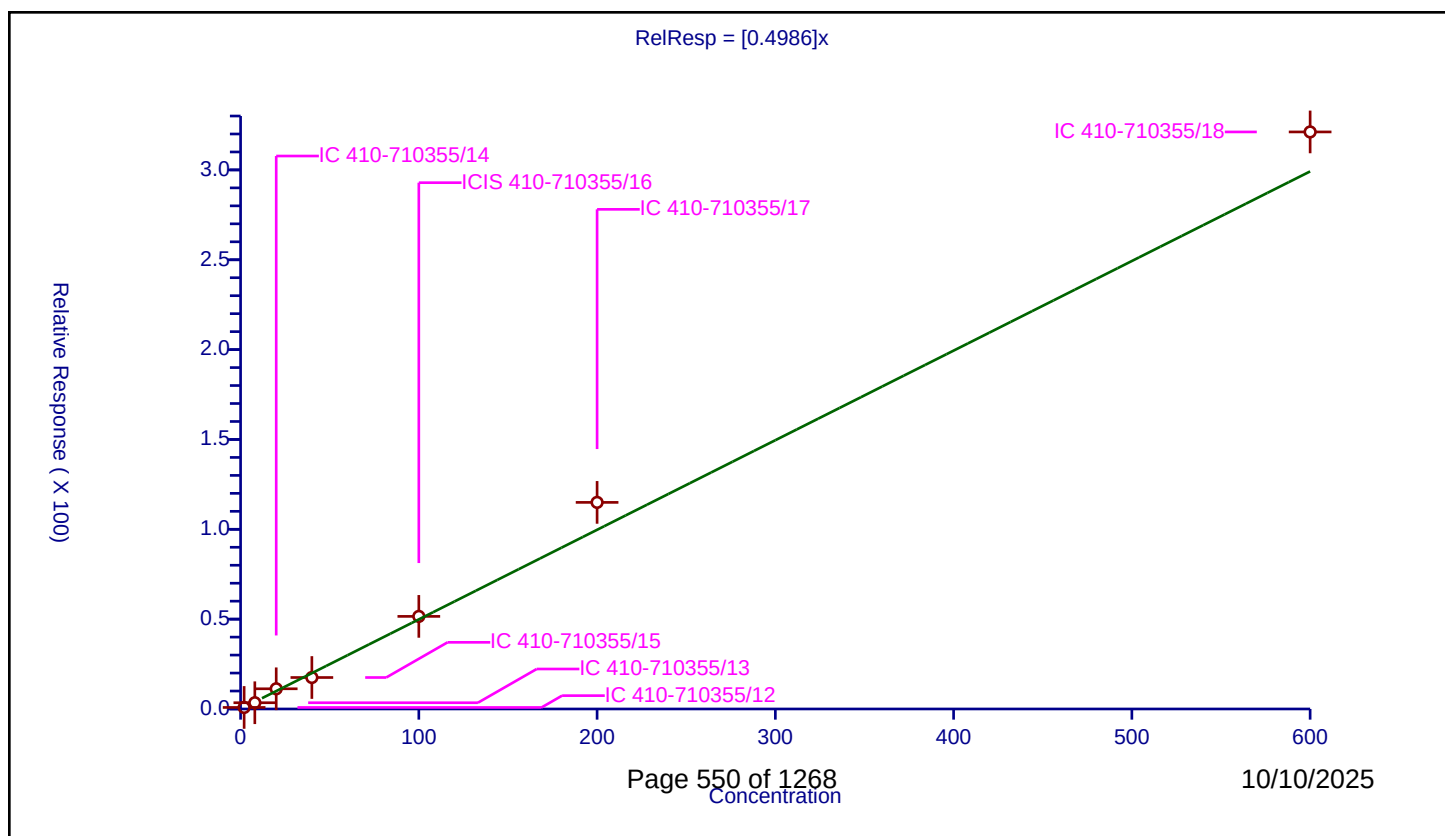
Curve Coefficients

Intercept: 0
Slope: 0.4986

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	0.859101	50.0	2220344.0	0.429551	Y
2	IC 410-710355/13	8.0	3.484221	50.0	2465042.0	0.435528	Y
3	IC 410-710355/14	20.0	11.234947	50.0	3258431.0	0.561747	Y
4	IC 410-710355/15	40.0	17.516886	50.0	2207881.0	0.437922	Y
5	ICIS 410-710355/16	100.0	51.533507	50.0	2616813.0	0.515335	Y
6	IC 410-710355/17	200.0	114.977007	50.0	2663229.0	0.574885	Y
7	IC 410-710355/18	600.0	321.136516	50.0	2904606.0	0.535228	Y



Calibration

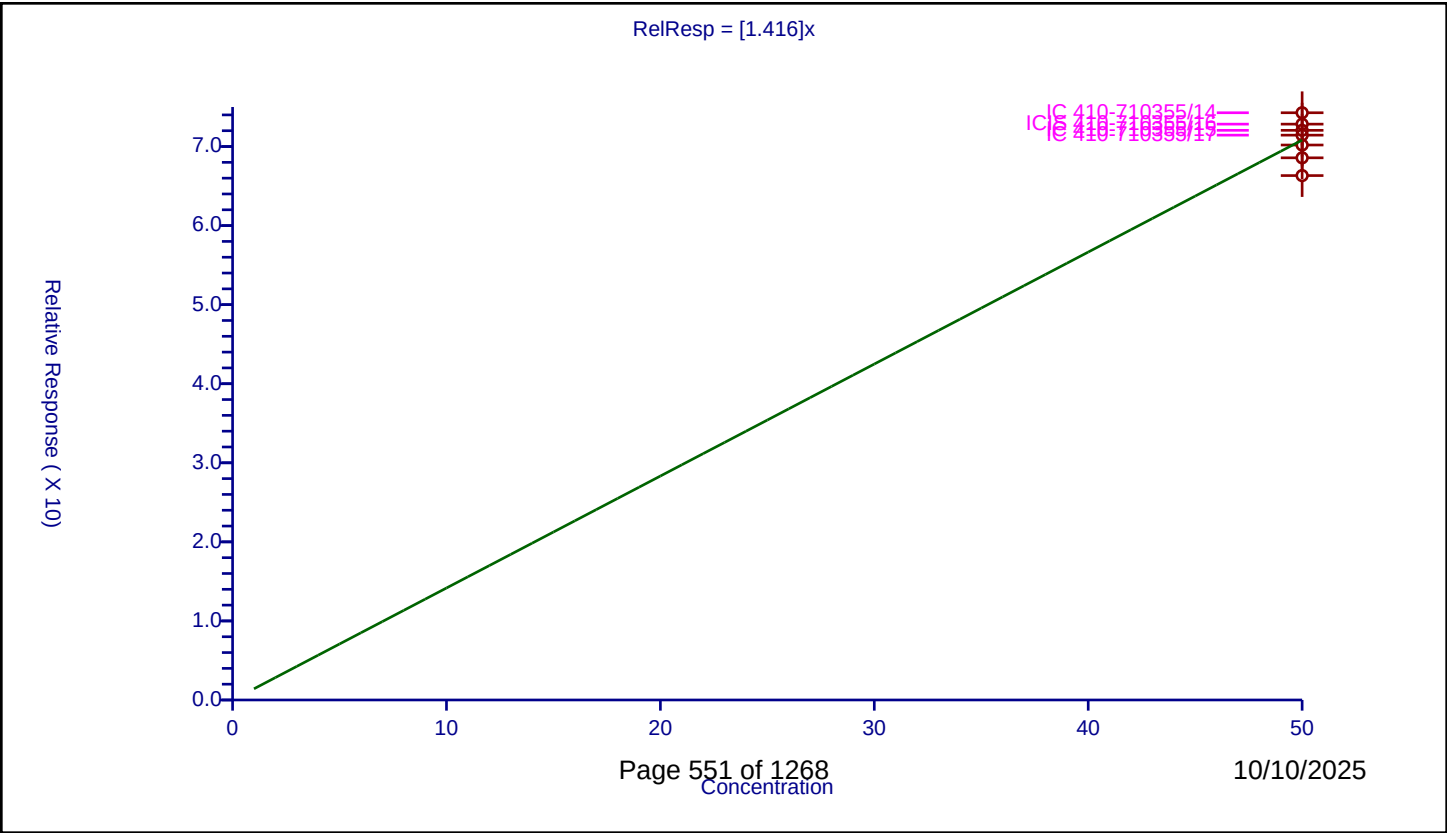
/ Toluene-d8 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.416

Error Coefficients	
Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	66.327405	50.0	1534212.0	1.326548	Y
2	IC 410-710355/13	50.0	70.194105	50.0	1638082.0	1.403882	Y
3	IC 410-710355/14	50.0	74.274041	50.0	2093335.0	1.485481	Y
4	IC 410-710355/15	50.0	72.050819	50.0	1499908.0	1.441016	Y
5	ICIS 410-710355/16	50.0	72.836129	50.0	1575591.0	1.456723	Y
6	IC 410-710355/17	50.0	71.440743	50.0	1754046.0	1.428815	Y
7	IC 410-710355/18	50.0	68.576091	50.0	2016245.0	1.371522	Y



Calibration

/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

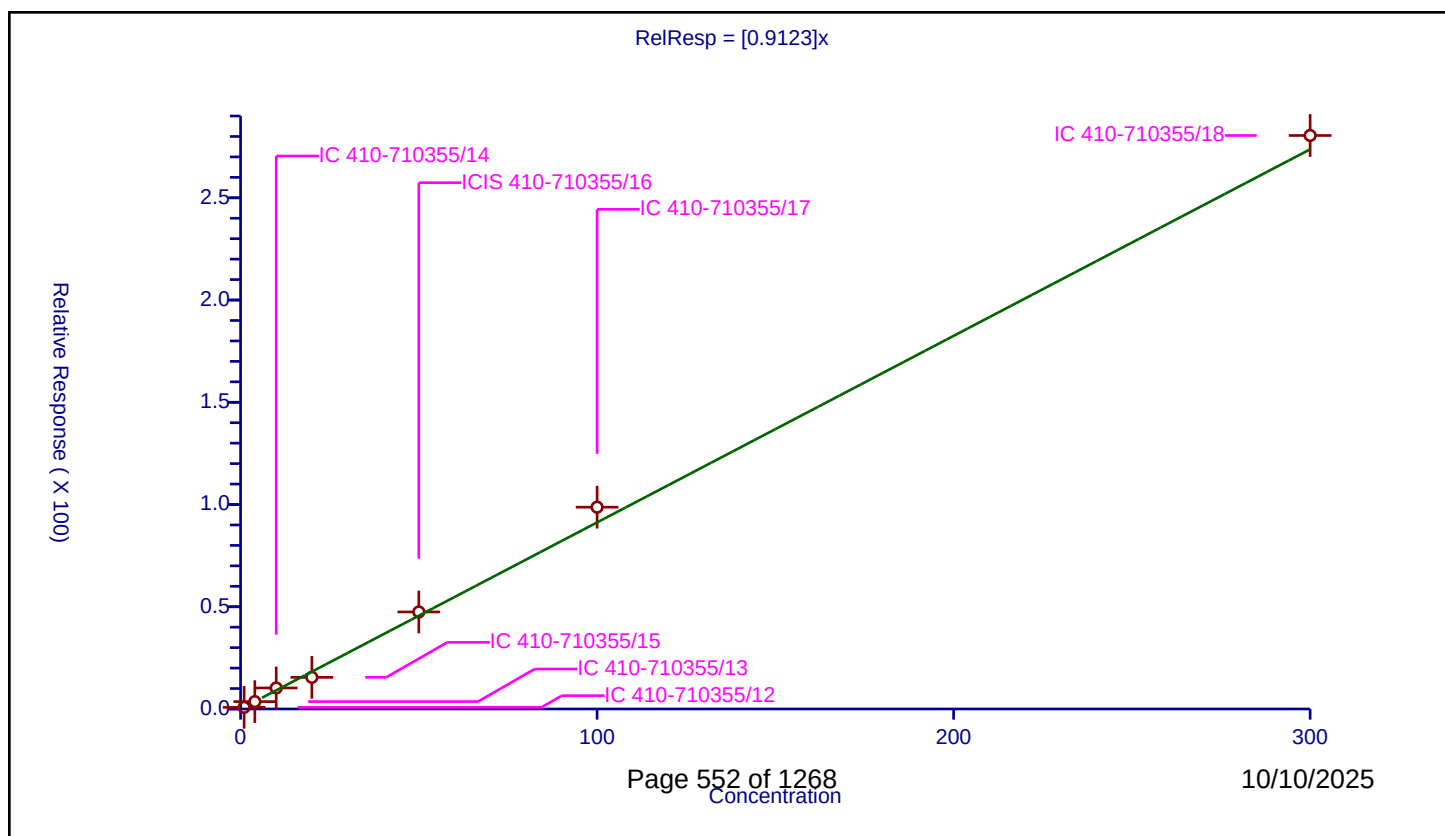
Curve Coefficients

Intercept: 0
Slope: 0.9123

Error Coefficients

Relative Standard Deviation: 10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.810025	50.0	1534212.0	0.810025	Y
2	IC 410-710355/13	4.0	3.610656	50.0	1638082.0	0.902664	Y
3	IC 410-710355/14	10.0	10.289586	50.0	2093335.0	1.028959	Y
4	IC 410-710355/15	20.0	15.471082	50.0	1499908.0	0.773554	Y
5	ICIS 410-710355/16	50.0	47.465364	50.0	1575591.0	0.949307	Y
6	IC 410-710355/17	100.0	98.697212	50.0	1754046.0	0.986972	Y
7	IC 410-710355/18	300.0	280.477447	50.0	2016245.0	0.934925	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

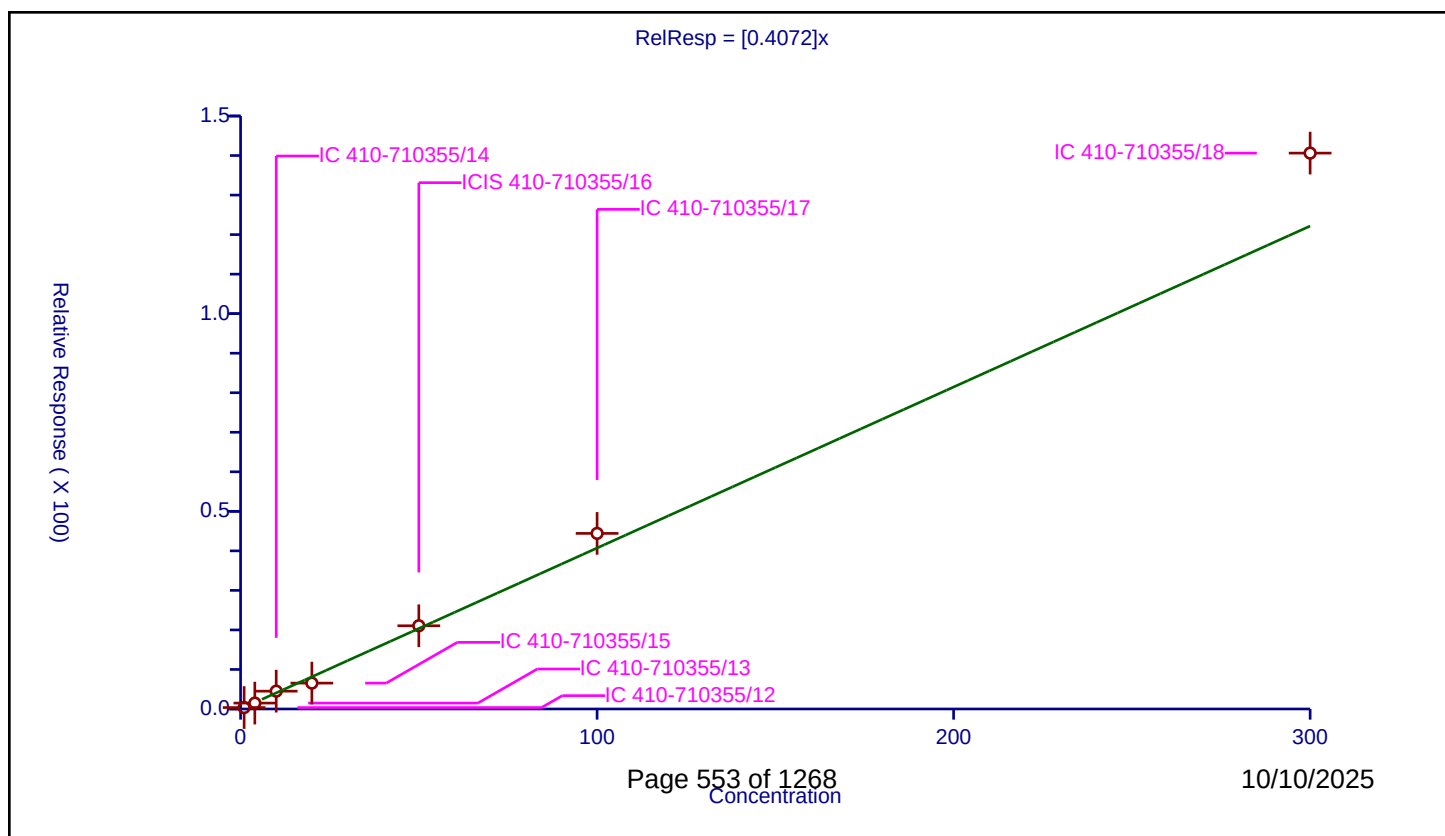
Curve Coefficients

Intercept: 0
Slope: 0.4072

Error Coefficients

Relative Standard Deviation: 12.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.364226	50.0	1534212.0	0.364226	Y
2	IC 410-710355/13	4.0	1.495896	50.0	1638082.0	0.373974	Y
3	IC 410-710355/14	10.0	4.510912	50.0	2093335.0	0.451091	Y
4	IC 410-710355/15	20.0	6.548768	50.0	1499908.0	0.327438	Y
5	ICIS 410-710355/16	50.0	21.04807	50.0	1575591.0	0.420961	Y
6	IC 410-710355/17	100.0	44.419958	50.0	1754046.0	0.4442	Y
7	IC 410-710355/18	300.0	140.618873	50.0	2016245.0	0.46873	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

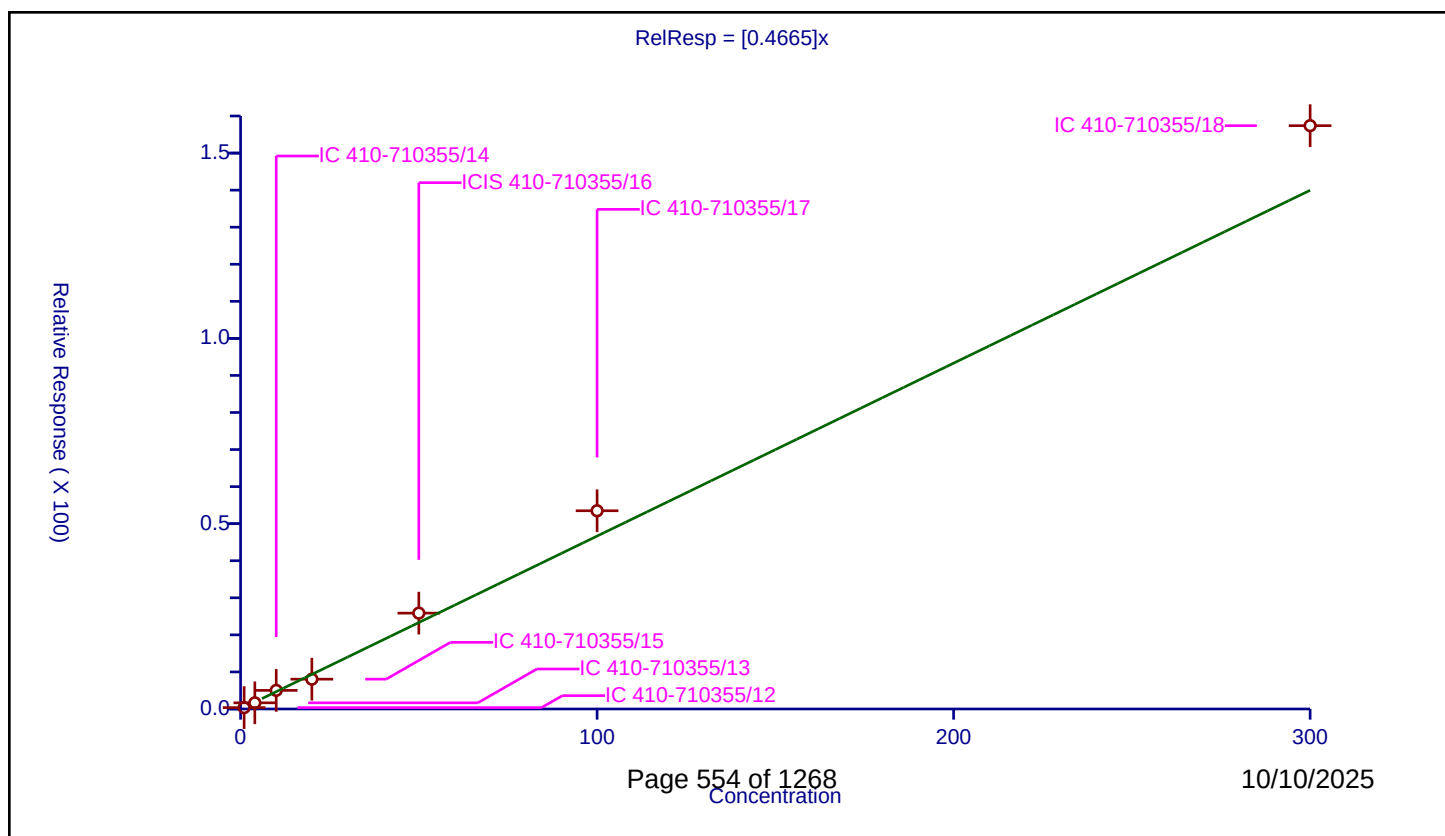
Curve Coefficients

Intercept: 0
Slope: 0.4665

Error Coefficients

Relative Standard Deviation: 14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.368365	50.0	1534212.0	0.368365	Y
2	IC 410-710355/13	4.0	1.665271	50.0	1638082.0	0.416318	Y
3	IC 410-710355/14	10.0	5.020147	50.0	2093335.0	0.502015	Y
4	IC 410-710355/15	20.0	8.046294	50.0	1499908.0	0.402315	Y
5	ICIS 410-710355/16	50.0	25.862327	50.0	1575591.0	0.517247	Y
6	IC 410-710355/17	100.0	53.484572	50.0	1754046.0	0.534846	Y
7	IC 410-710355/18	300.0	157.398605	50.0	2016245.0	0.524662	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

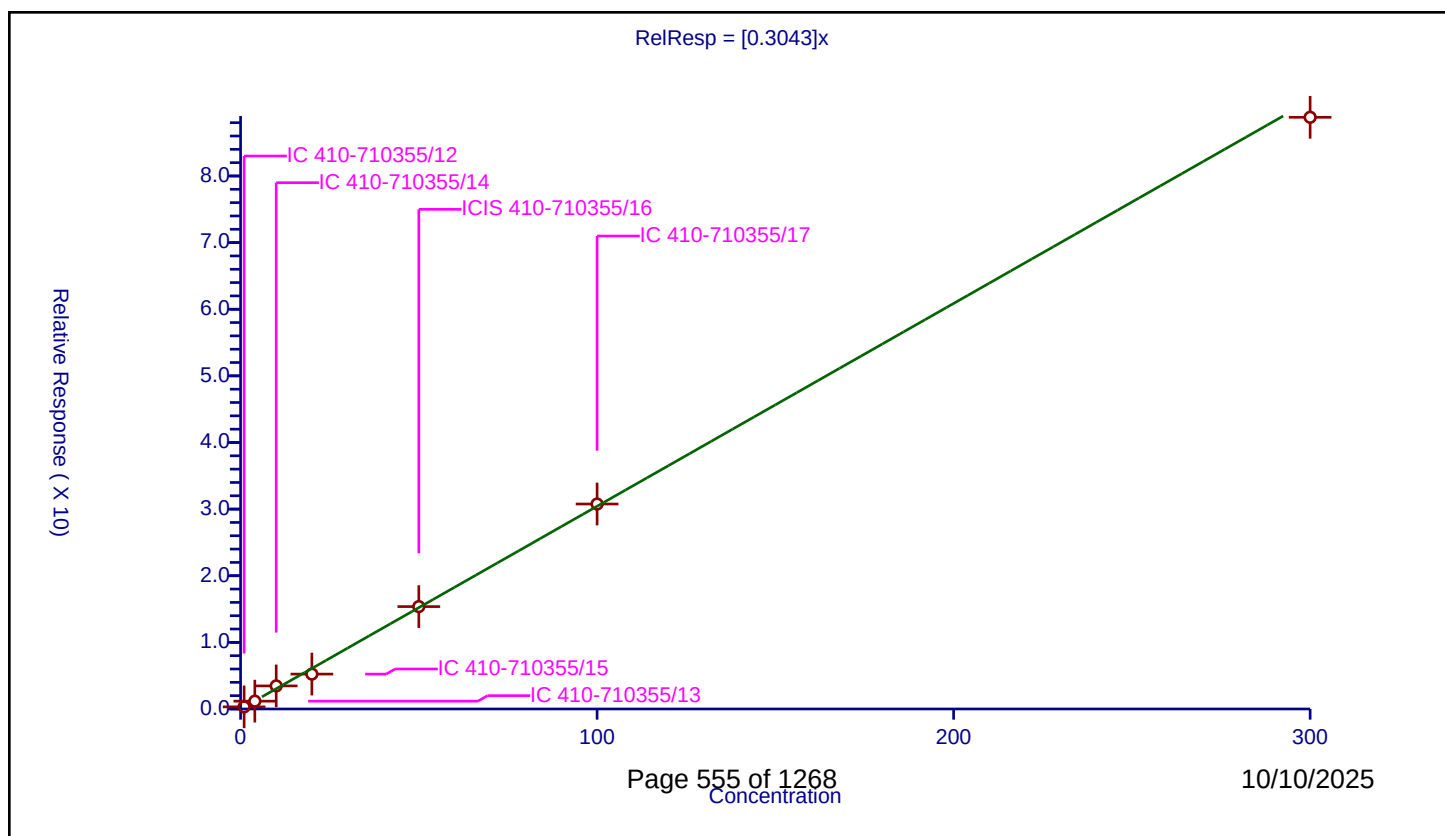
Curve Coefficients

Intercept: 0
Slope: 0.3043

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.317166	50.0	1534212.0	0.317166	Y
2	IC 410-710355/13	4.0	1.175735	50.0	1638082.0	0.293934	Y
3	IC 410-710355/14	10.0	3.462895	50.0	2093335.0	0.34629	Y
4	IC 410-710355/15	20.0	5.238321	50.0	1499908.0	0.261916	Y
5	ICIS 410-710355/16	50.0	15.367789	50.0	1575591.0	0.307356	Y
6	IC 410-710355/17	100.0	30.765755	50.0	1754046.0	0.307658	Y
7	IC 410-710355/18	300.0	88.809222	50.0	2016245.0	0.296031	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

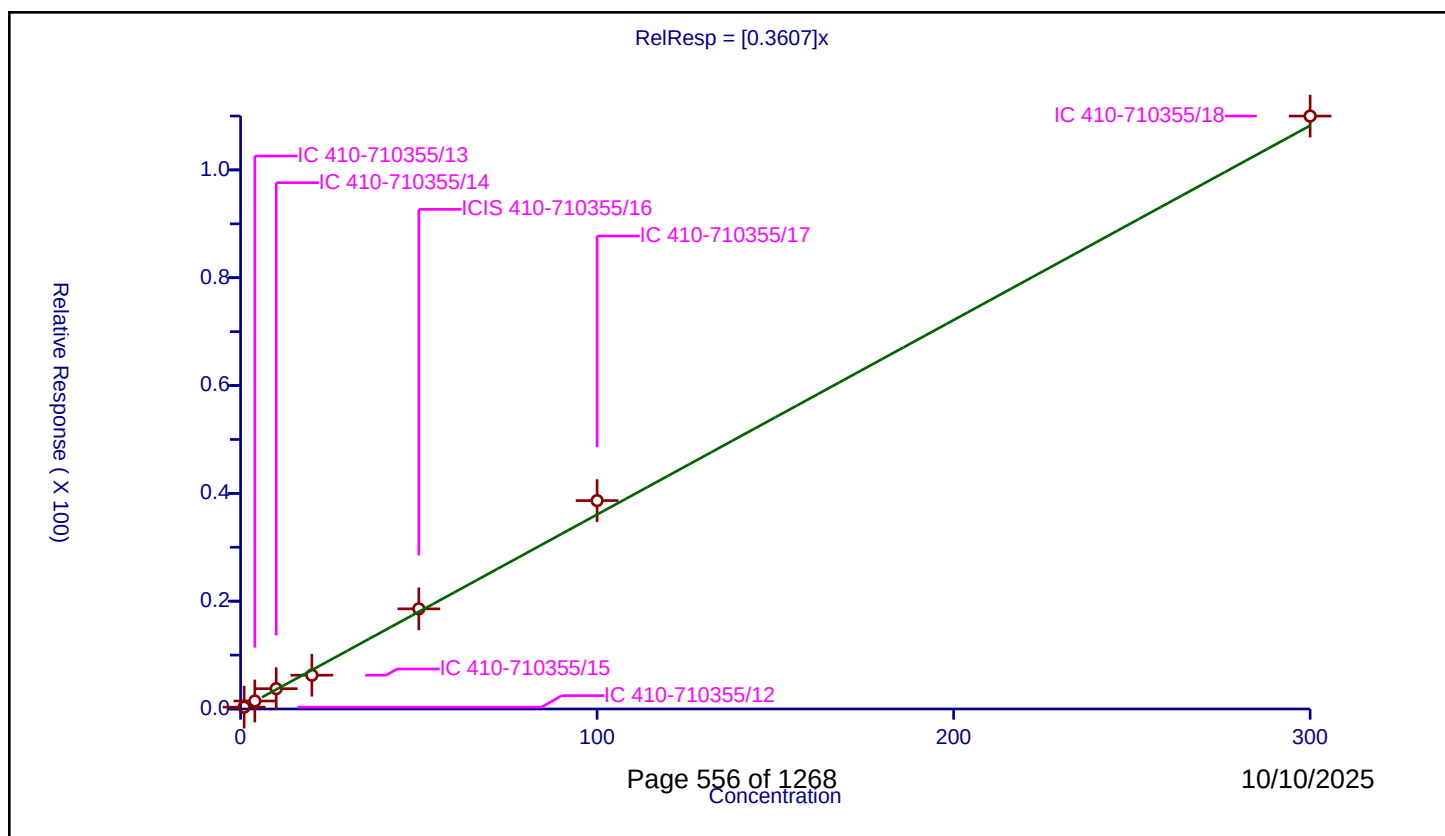
Curve Coefficients

Intercept: 0
Slope: 0.3607

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.339392	50.0	1534212.0	0.339392	Y
2	IC 410-710355/13	4.0	1.482771	50.0	1638082.0	0.370693	Y
3	IC 410-710355/14	10.0	3.768723	50.0	2093335.0	0.376872	Y
4	IC 410-710355/15	20.0	6.269051	50.0	1499908.0	0.313453	Y
5	ICIS 410-710355/16	50.0	18.577791	50.0	1575591.0	0.371556	Y
6	IC 410-710355/17	100.0	38.655628	50.0	1754046.0	0.386556	Y
7	IC 410-710355/18	300.0	109.989361	50.0	2016245.0	0.366631	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

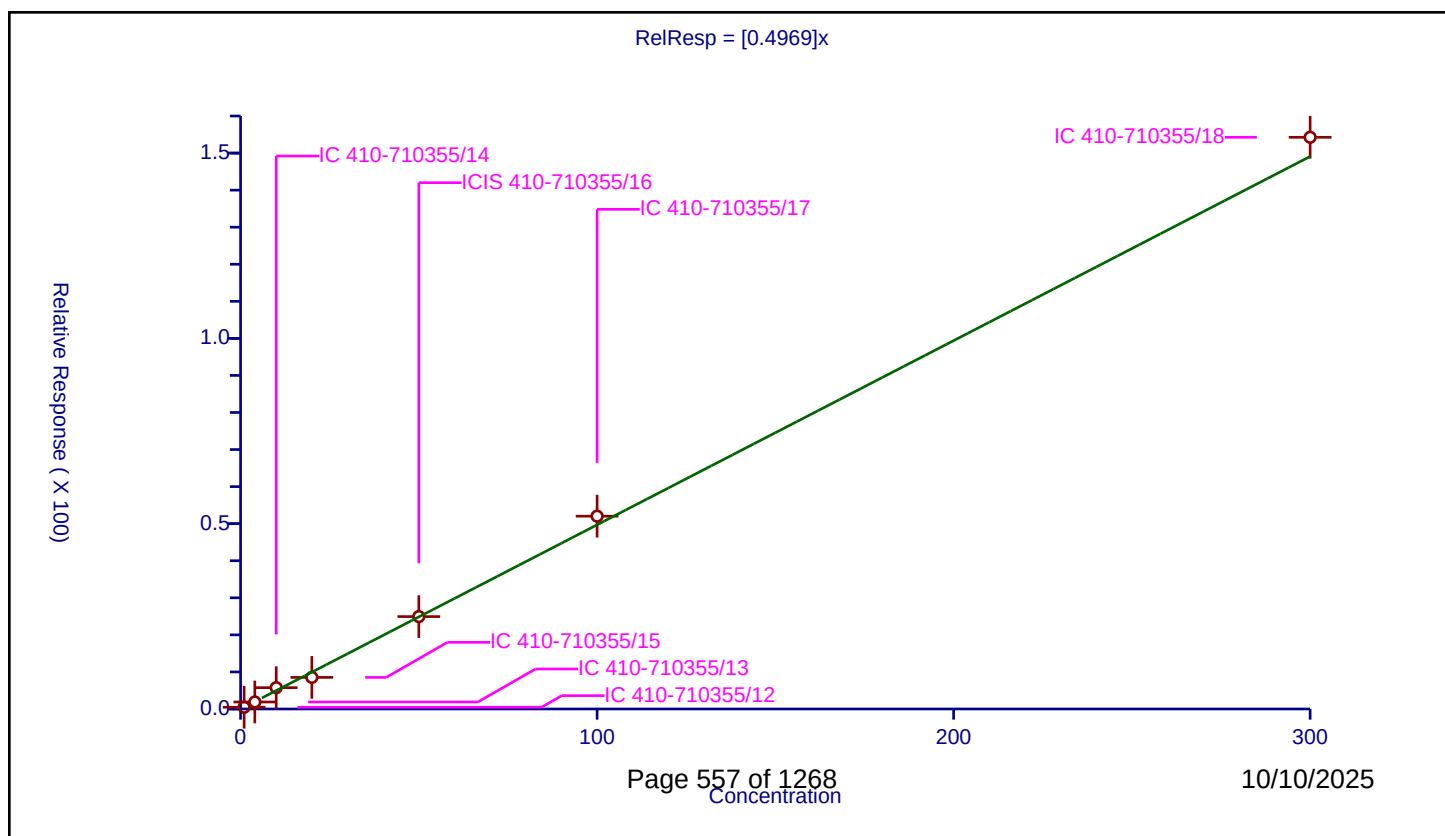
Curve Coefficients

Intercept: 0
Slope: 0.4969

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.472653	50.0	1534212.0	0.472653	Y
2	IC 410-710355/13	4.0	1.885925	50.0	1638082.0	0.471481	Y
3	IC 410-710355/14	10.0	5.753164	50.0	2093335.0	0.575316	Y
4	IC 410-710355/15	20.0	8.522023	50.0	1499908.0	0.426101	Y
5	ICIS 410-710355/16	50.0	24.929725	50.0	1575591.0	0.498594	Y
6	IC 410-710355/17	100.0	52.028425	50.0	1754046.0	0.520284	Y
7	IC 410-710355/18	300.0	154.260197	50.0	2016245.0	0.514201	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

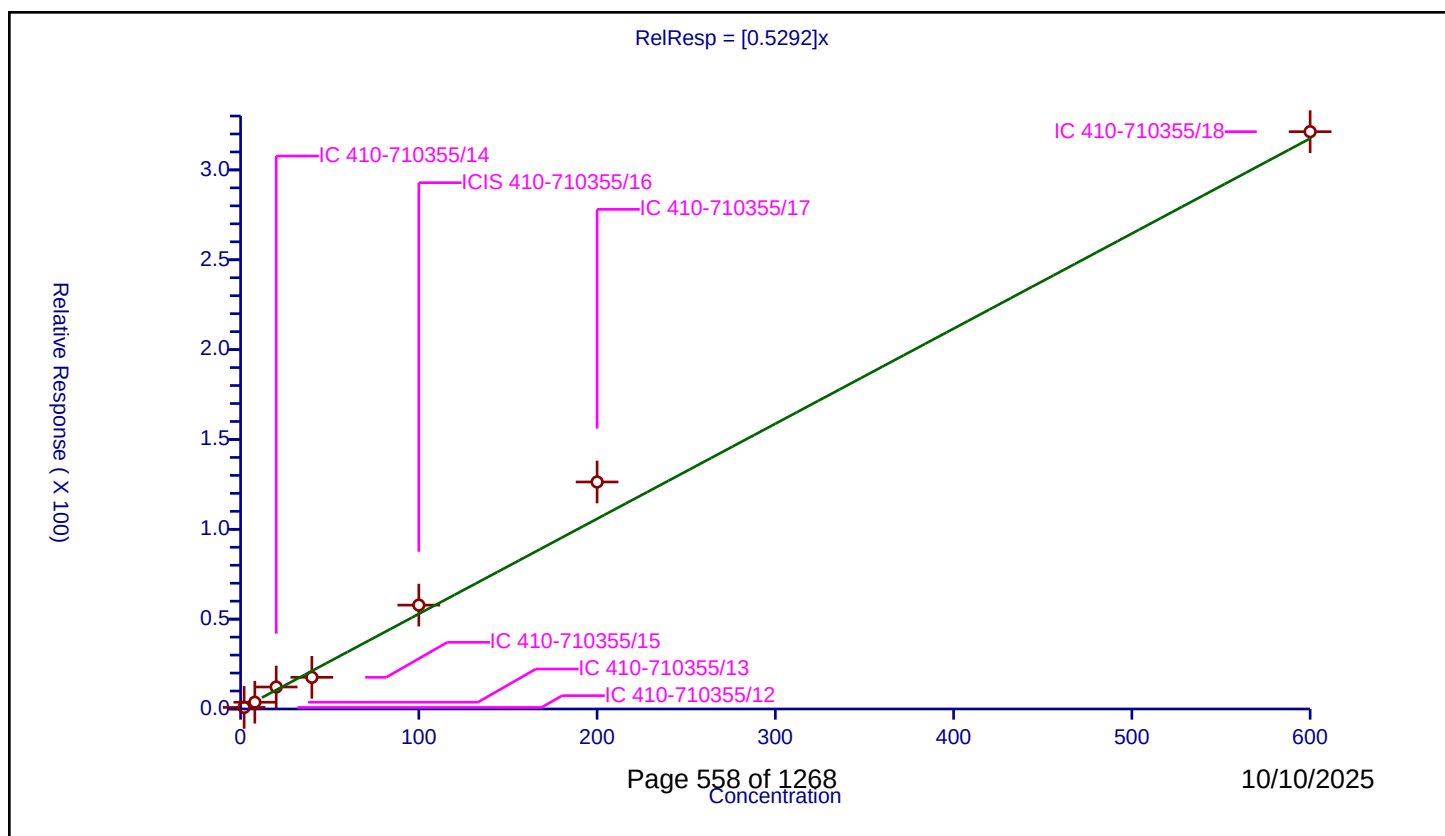
Curve Coefficients

Intercept: 0
Slope: 0.5292

Error Coefficients

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	0.872598	50.0	1534212.0	0.436299	Y
2	IC 410-710355/13	8.0	3.763762	50.0	1638082.0	0.47047	Y
3	IC 410-710355/14	20.0	12.232968	50.0	2093335.0	0.611648	Y
4	IC 410-710355/15	40.0	17.619081	50.0	1499908.0	0.440477	Y
5	ICIS 410-710355/16	100.0	57.816051	50.0	1575591.0	0.578161	Y
6	IC 410-710355/17	200.0	126.342496	50.0	1754046.0	0.631712	Y
7	IC 410-710355/18	600.0	321.286798	50.0	2016245.0	0.535478	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

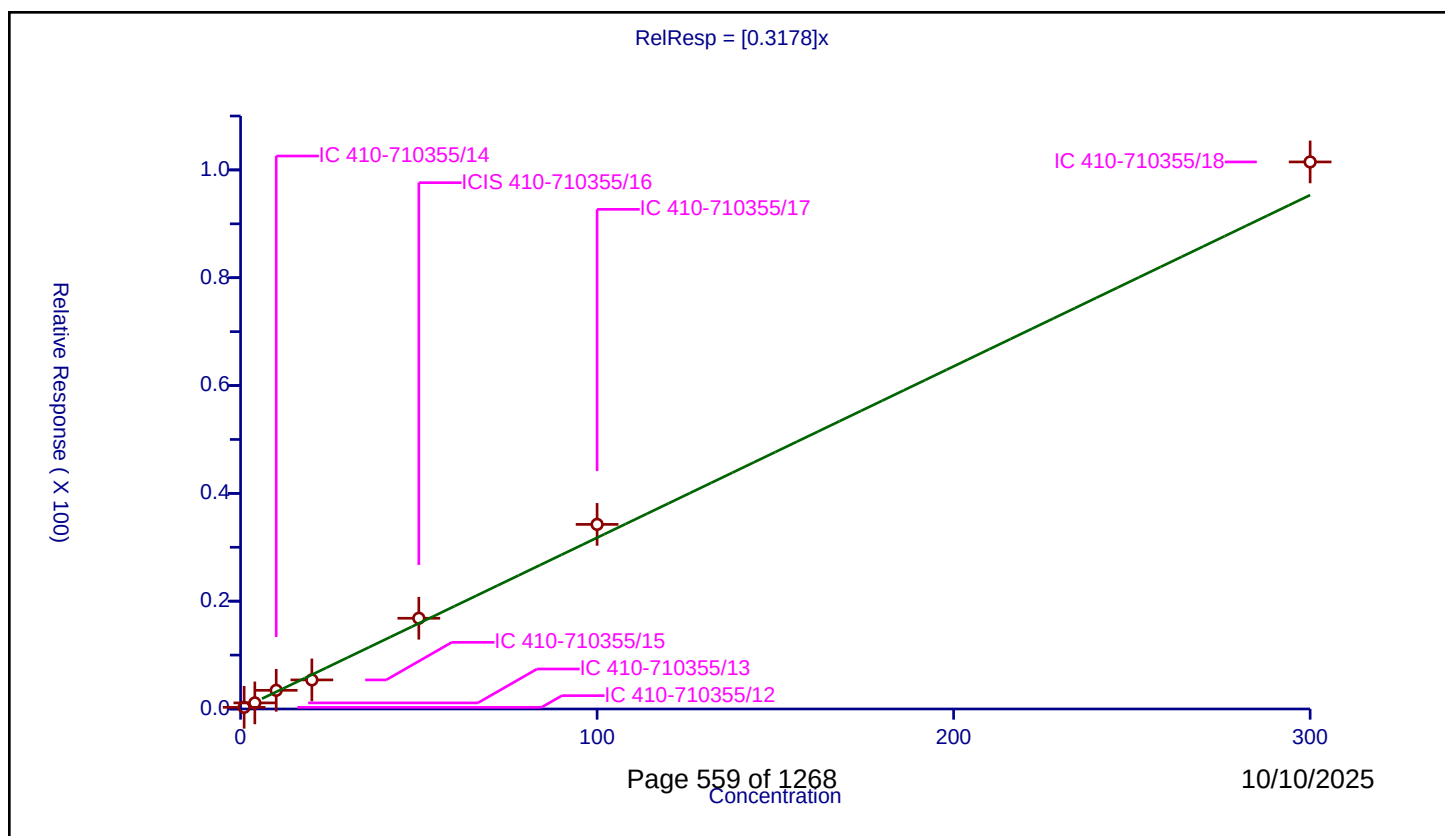
Curve Coefficients

Intercept: 0
Slope: 0.3178

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.309149	50.0	1534212.0	0.309149	Y
2	IC 410-710355/13	4.0	1.127966	50.0	1638082.0	0.281991	Y
3	IC 410-710355/14	10.0	3.463373	50.0	2093335.0	0.346337	Y
4	IC 410-710355/15	20.0	5.393364	50.0	1499908.0	0.269668	Y
5	ICIS 410-710355/16	50.0	16.830478	50.0	1575591.0	0.33661	Y
6	IC 410-710355/17	100.0	34.242089	50.0	1754046.0	0.342421	Y
7	IC 410-710355/18	300.0	101.479285	50.0	2016245.0	0.338264	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

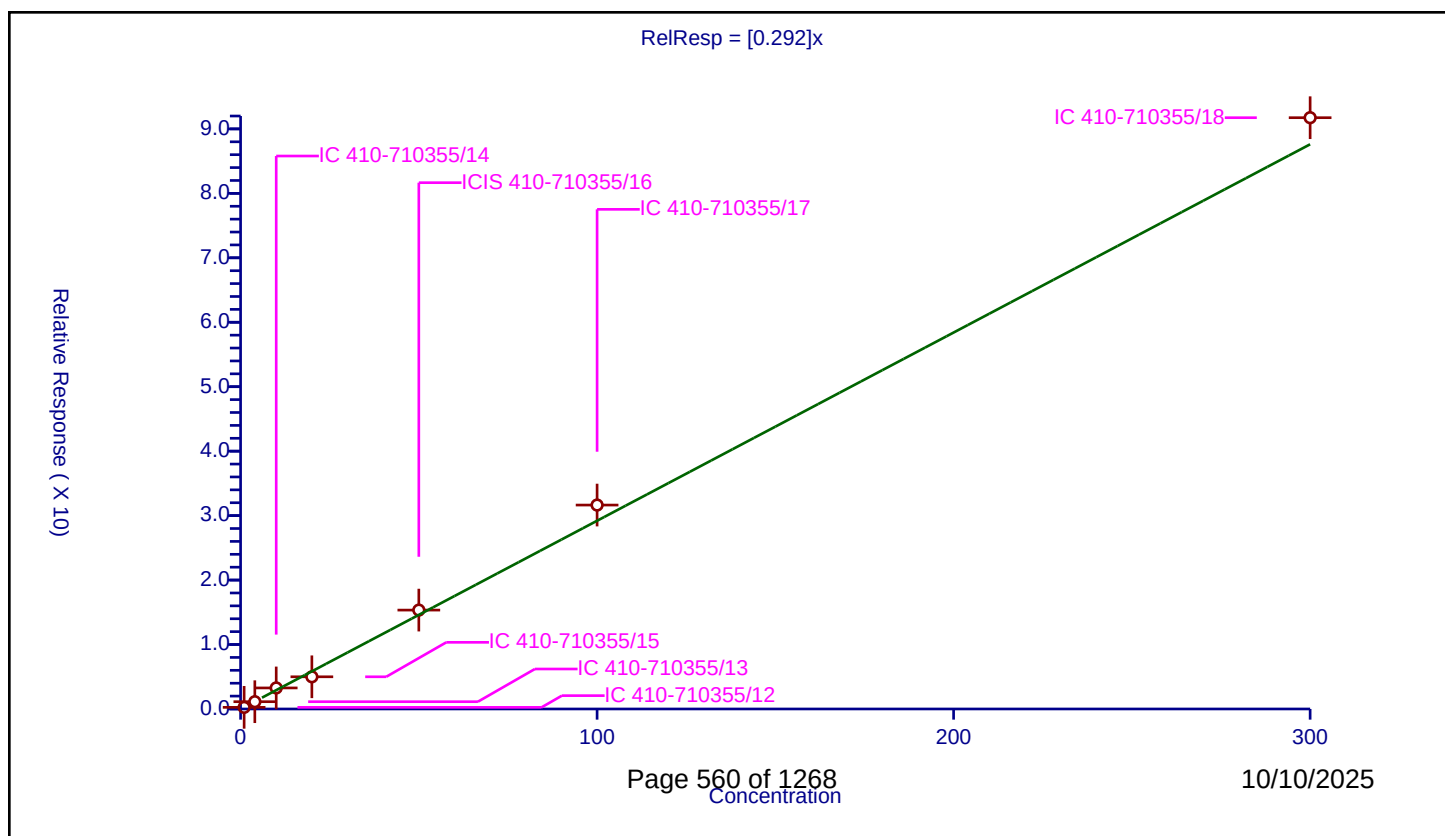
Curve Coefficients

Intercept: 0
Slope: 0.292

Error Coefficients

Relative Standard Deviation: 10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.255734	50.0	1534212.0	0.255734	Y
2	IC 410-710355/13	4.0	1.132178	50.0	1638082.0	0.283044	Y
3	IC 410-710355/14	10.0	3.265125	50.0	2093335.0	0.326512	Y
4	IC 410-710355/15	20.0	4.997106	50.0	1499908.0	0.249855	Y
5	ICIS 410-710355/16	50.0	15.342592	50.0	1575591.0	0.306852	Y
6	IC 410-710355/17	100.0	31.641702	50.0	1754046.0	0.316417	Y
7	IC 410-710355/18	300.0	91.740091	50.0	2016245.0	0.3058	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

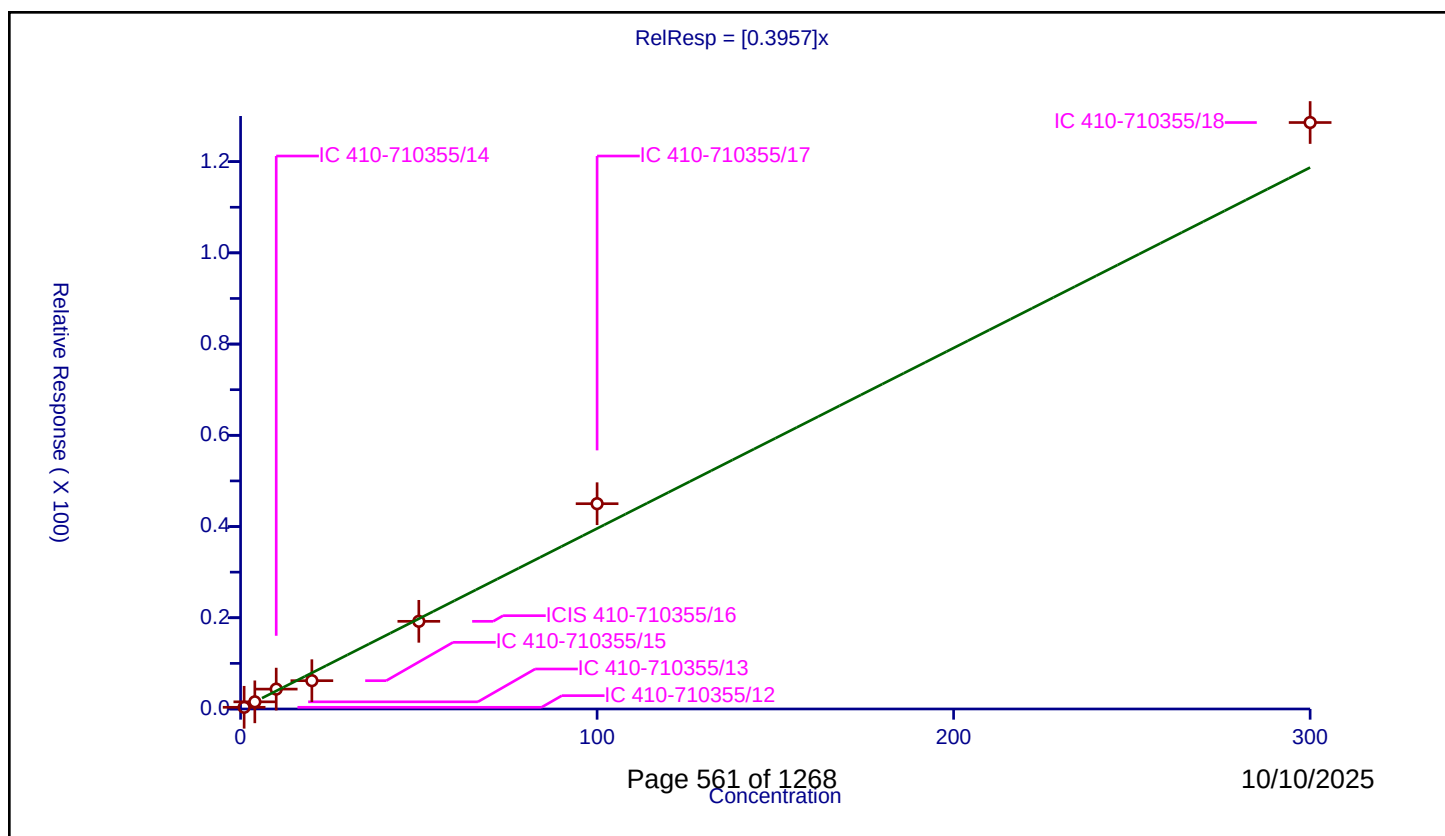
Curve Coefficients

Intercept: 0
 Slope: 0.3957

Error Coefficients

Relative Standard Deviation: 12.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.368723	50.0	1534212.0	0.368723	Y
2	IC 410-710355/13	4.0	1.56784	50.0	1638082.0	0.39196	Y
3	IC 410-710355/14	10.0	4.357998	50.0	2093335.0	0.4358	Y
4	IC 410-710355/15	20.0	6.207147	50.0	1499908.0	0.310357	Y
5	ICIS 410-710355/16	50.0	19.219106	50.0	1575591.0	0.384382	Y
6	IC 410-710355/17	100.0	45.009623	50.0	1754046.0	0.450096	Y
7	IC 410-710355/18	300.0	128.574355	50.0	2016245.0	0.428581	Y



Calibration

/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

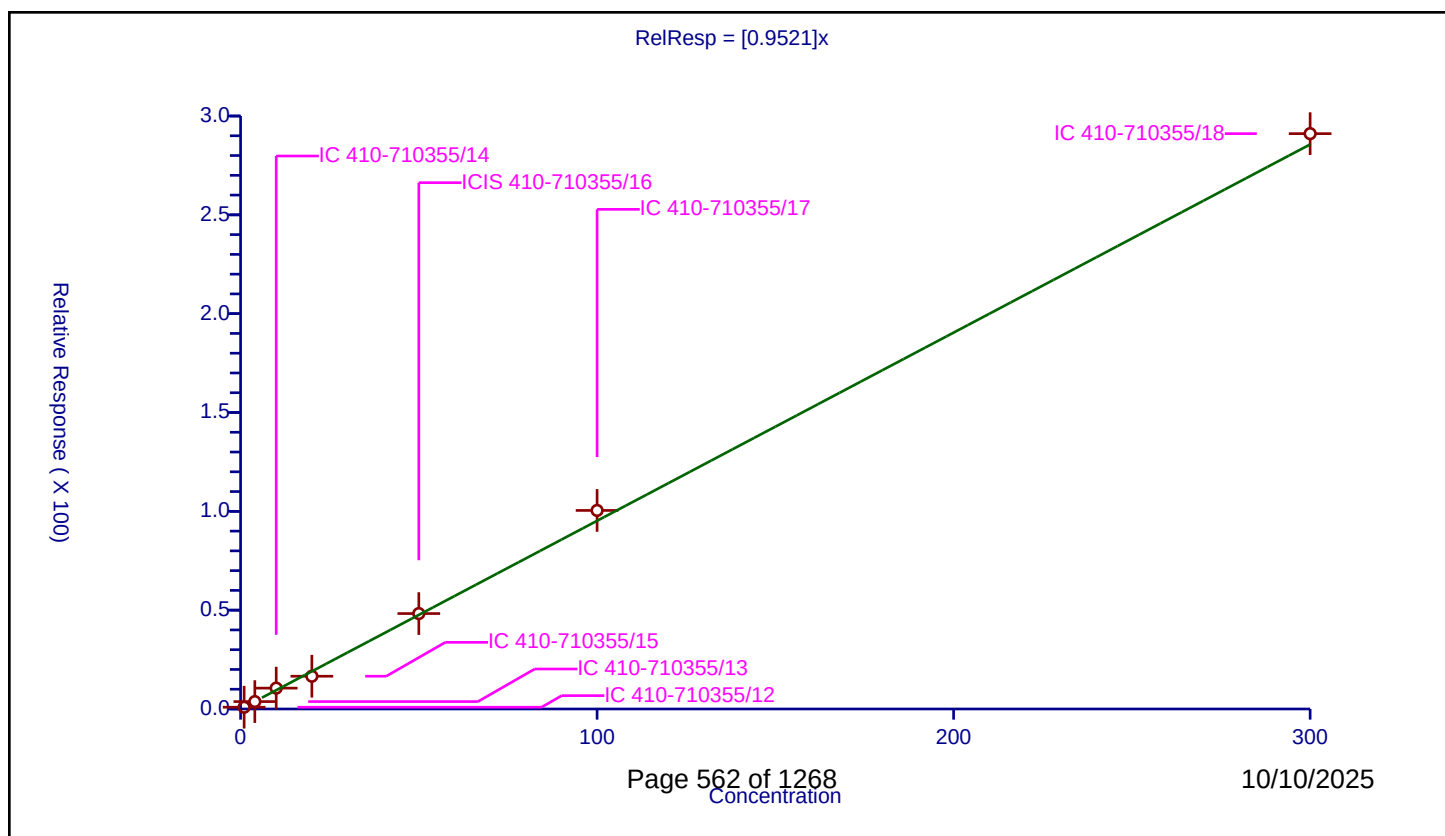
Curve Coefficients

Intercept: 0
Slope: 0.9521

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.903135	50.0	1534212.0	0.903135	Y
2	IC 410-710355/13	4.0	3.74679	50.0	1638082.0	0.936698	Y
3	IC 410-710355/14	10.0	10.55863	50.0	2093335.0	1.055863	Y
4	IC 410-710355/15	20.0	16.572083	50.0	1499908.0	0.828604	Y
5	ICIS 410-710355/16	50.0	48.277281	50.0	1575591.0	0.965546	Y
6	IC 410-710355/17	100.0	100.44366	50.0	1754046.0	1.004437	Y
7	IC 410-710355/18	300.0	291.079284	50.0	2016245.0	0.970264	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

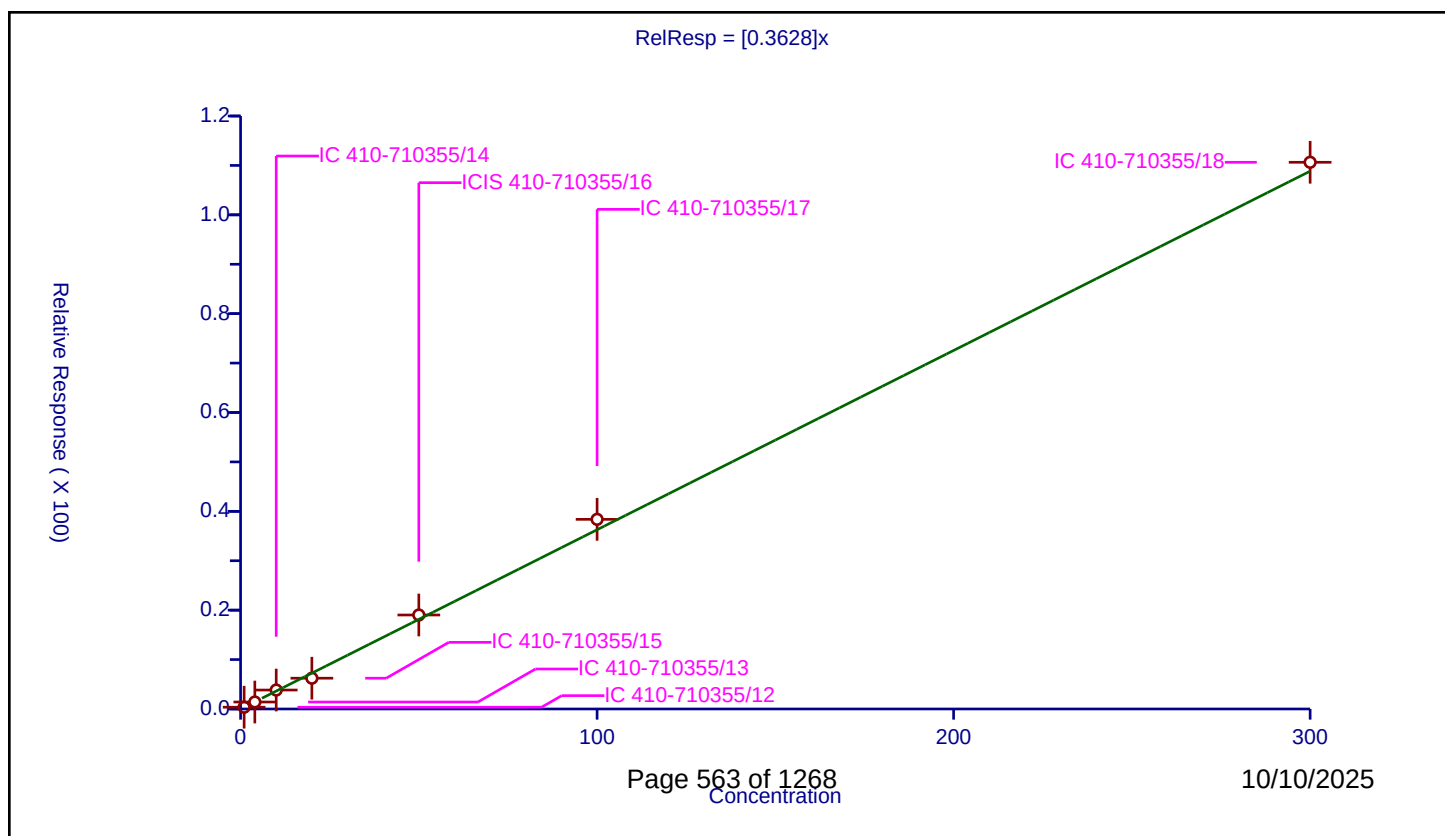
Curve Coefficients

Intercept: 0
Slope: 0.3628

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.358164	50.0	1534212.0	0.358164	Y
2	IC 410-710355/13	4.0	1.412628	50.0	1638082.0	0.353157	Y
3	IC 410-710355/14	10.0	3.836199	50.0	2093335.0	0.38362	Y
4	IC 410-710355/15	20.0	6.230315	50.0	1499908.0	0.311516	Y
5	ICIS 410-710355/16	50.0	19.022164	50.0	1575591.0	0.380443	Y
6	IC 410-710355/17	100.0	38.376417	50.0	1754046.0	0.383764	Y
7	IC 410-710355/18	300.0	110.636778	50.0	2016245.0	0.368789	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

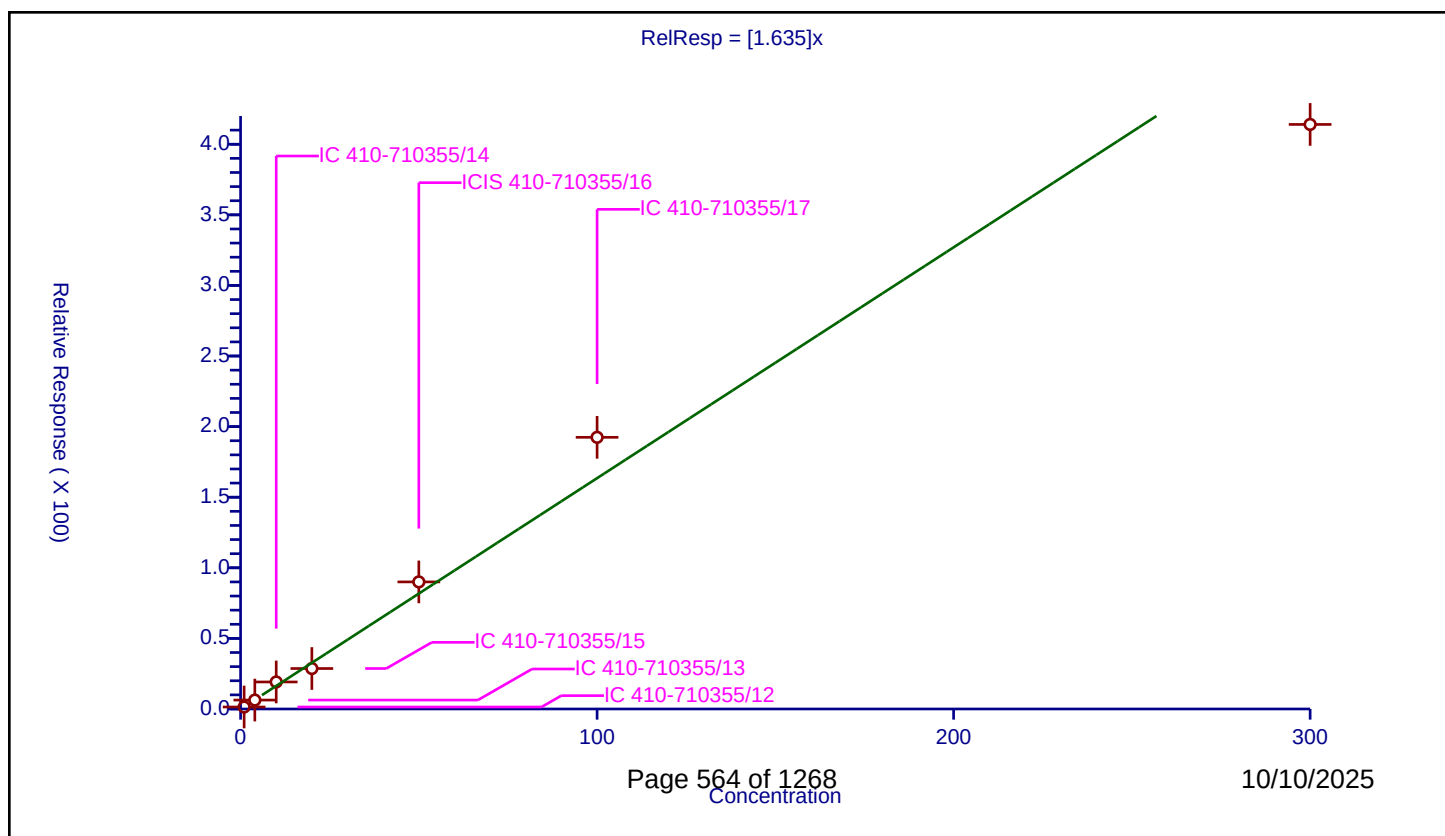
Curve Coefficients

Intercept: 0
Slope: 1.635

Error Coefficients

Relative Standard Deviation: 14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.413266	50.0	1534212.0	1.413266	Y
2	IC 410-710355/13	4.0	6.313176	50.0	1638082.0	1.578294	Y
3	IC 410-710355/14	10.0	19.145717	50.0	2093335.0	1.914572	Y
4	IC 410-710355/15	20.0	28.663425	50.0	1499908.0	1.433171	Y
5	ICIS 410-710355/16	50.0	90.019142	50.0	1575591.0	1.800383	Y
6	IC 410-710355/17	100.0	192.427394	50.0	1754046.0	1.924274	Y
7	IC 410-710355/18	300.0	414.038696	50.0	2016245.0	1.380129	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

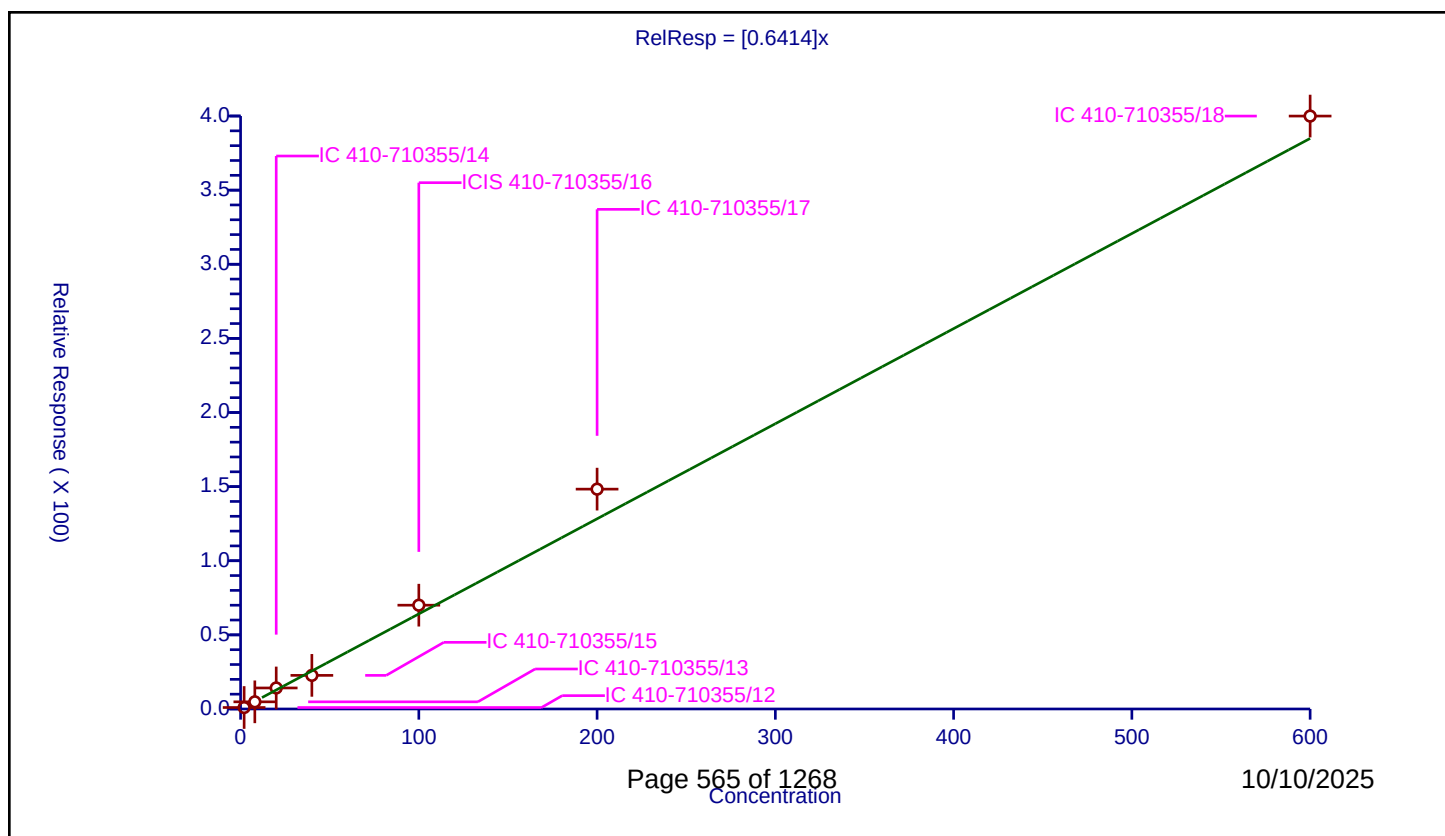
Curve Coefficients

Intercept: 0
Slope: 0.6414

Error Coefficients

Relative Standard Deviation: 13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.0	1.001361	50.0	1534212.0	0.50068	Y
2	IC 410-710355/13	8.0	4.838036	50.0	1638082.0	0.604755	Y
3	IC 410-710355/14	20.0	14.185021	50.0	2093335.0	0.709251	Y
4	IC 410-710355/15	40.0	22.681624	50.0	1499908.0	0.567041	Y
5	ICIS 410-710355/16	100.0	70.026104	50.0	1575591.0	0.700261	Y
6	IC 410-710355/17	200.0	148.300529	50.0	1754046.0	0.741503	Y
7	IC 410-710355/18	600.0	399.960124	50.0	2016245.0	0.6666	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

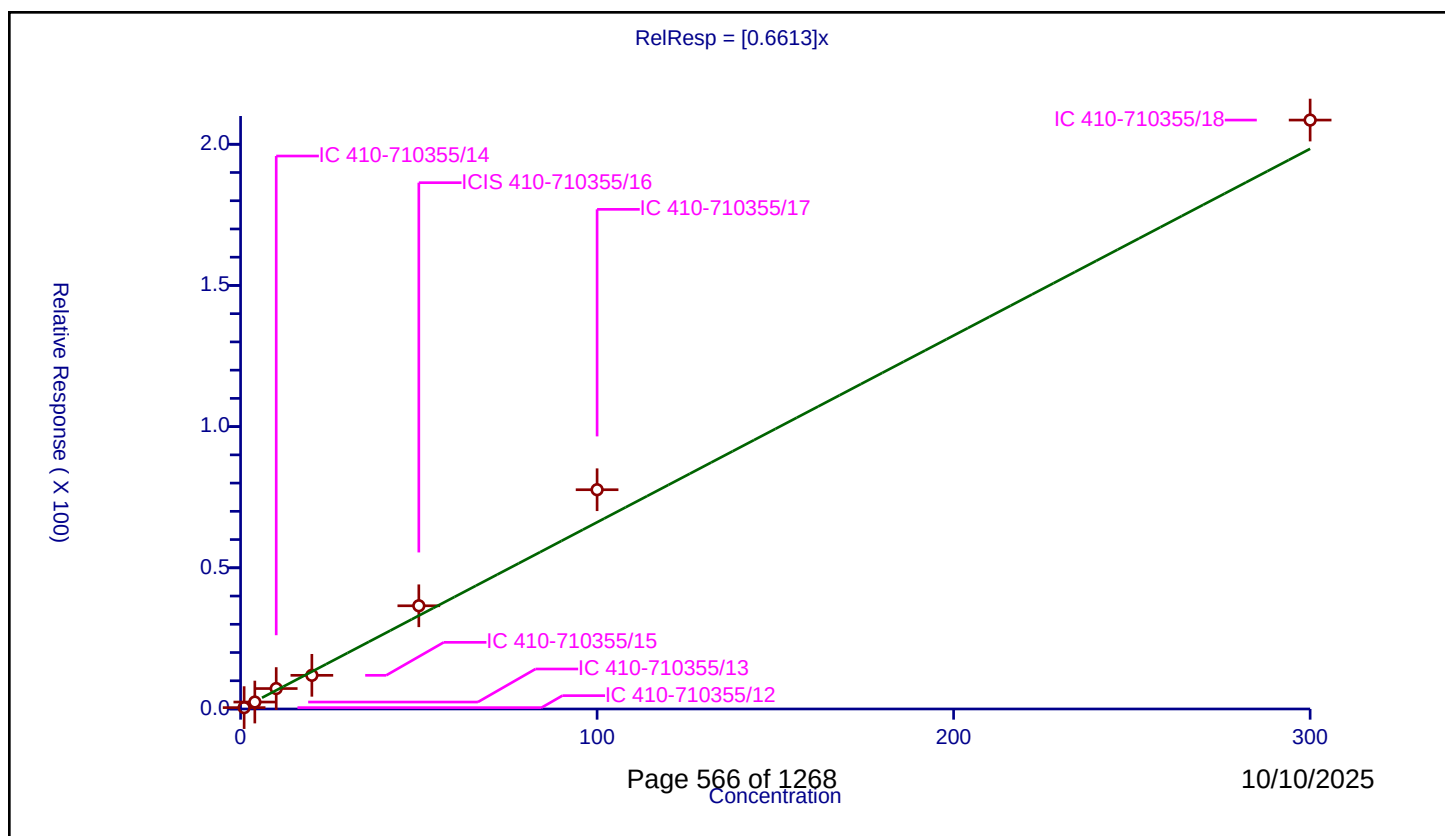
Curve Coefficients

Intercept: 0
Slope: 0.6613

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.490871	50.0	1534212.0	0.490871	Y
2	IC 410-710355/13	4.0	2.463582	50.0	1638082.0	0.615896	Y
3	IC 410-710355/14	10.0	7.234174	50.0	2093335.0	0.723417	Y
4	IC 410-710355/15	20.0	11.920498	50.0	1499908.0	0.596025	Y
5	ICIS 410-710355/16	50.0	36.555458	50.0	1575591.0	0.731109	Y
6	IC 410-710355/17	100.0	77.651441	50.0	1754046.0	0.776514	Y
7	IC 410-710355/18	300.0	208.564634	50.0	2016245.0	0.695215	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

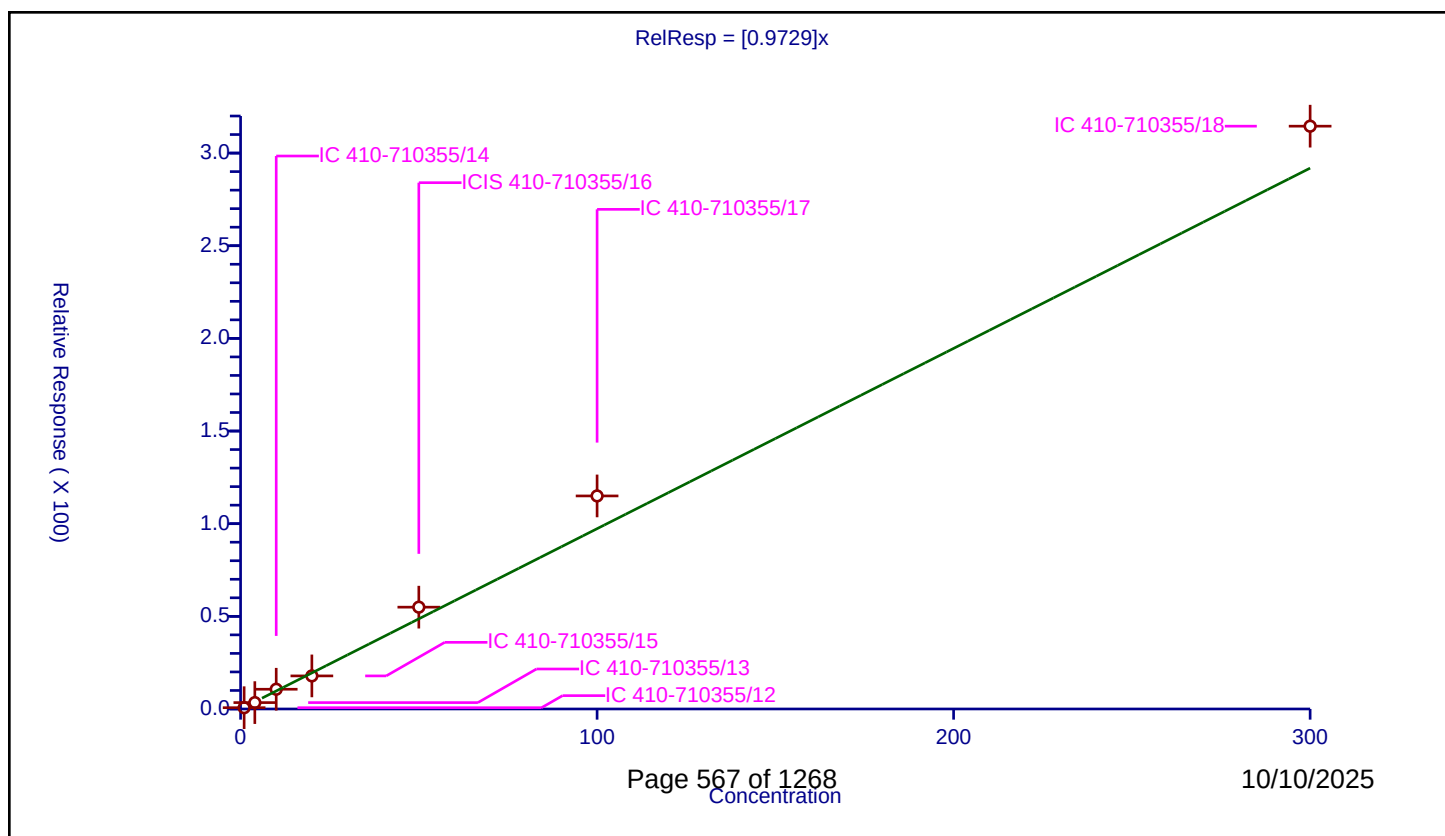
Curve Coefficients

Intercept: 0
Slope: 0.9729

Error Coefficients

Relative Standard Deviation: 16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.692245	50.0	1534212.0	0.692245	Y
2	IC 410-710355/13	4.0	3.45175	50.0	1638082.0	0.862938	Y
3	IC 410-710355/14	10.0	10.654482	50.0	2093335.0	1.065448	Y
4	IC 410-710355/15	20.0	17.854128	50.0	1499908.0	0.892706	Y
5	ICIS 410-710355/16	50.0	54.950555	50.0	1575591.0	1.099011	Y
6	IC 410-710355/17	100.0	114.974522	50.0	1754046.0	1.149745	Y
7	IC 410-710355/18	300.0	314.520681	50.0	2016245.0	1.048402	Y



Calibration

/ Bromoform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

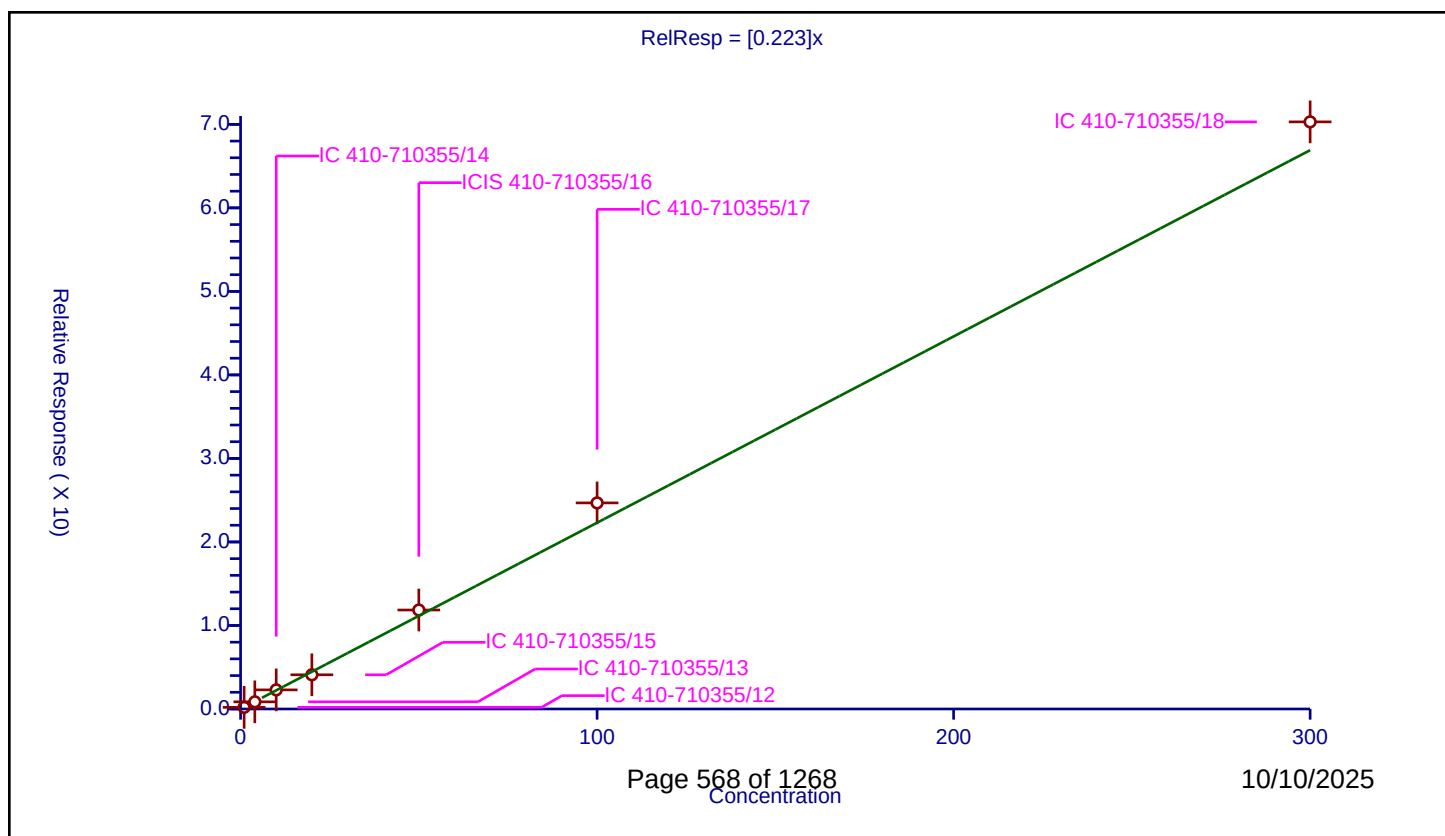
Curve Coefficients

Intercept: 0
Slope: 0.223

Error Coefficients

Relative Standard Deviation: 8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.195279	50.0	1534212.0	0.195279	Y
2	IC 410-710355/13	4.0	0.857344	50.0	1638082.0	0.214336	Y
3	IC 410-710355/14	10.0	2.287283	50.0	2093335.0	0.228728	Y
4	IC 410-710355/15	20.0	4.094684	50.0	1499908.0	0.204734	Y
5	ICIS 410-710355/16	50.0	11.849458	50.0	1575591.0	0.236989	Y
6	IC 410-710355/17	100.0	24.677004	50.0	1754046.0	0.24677	Y
7	IC 410-710355/18	300.0	70.29798	50.0	2016245.0	0.234327	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

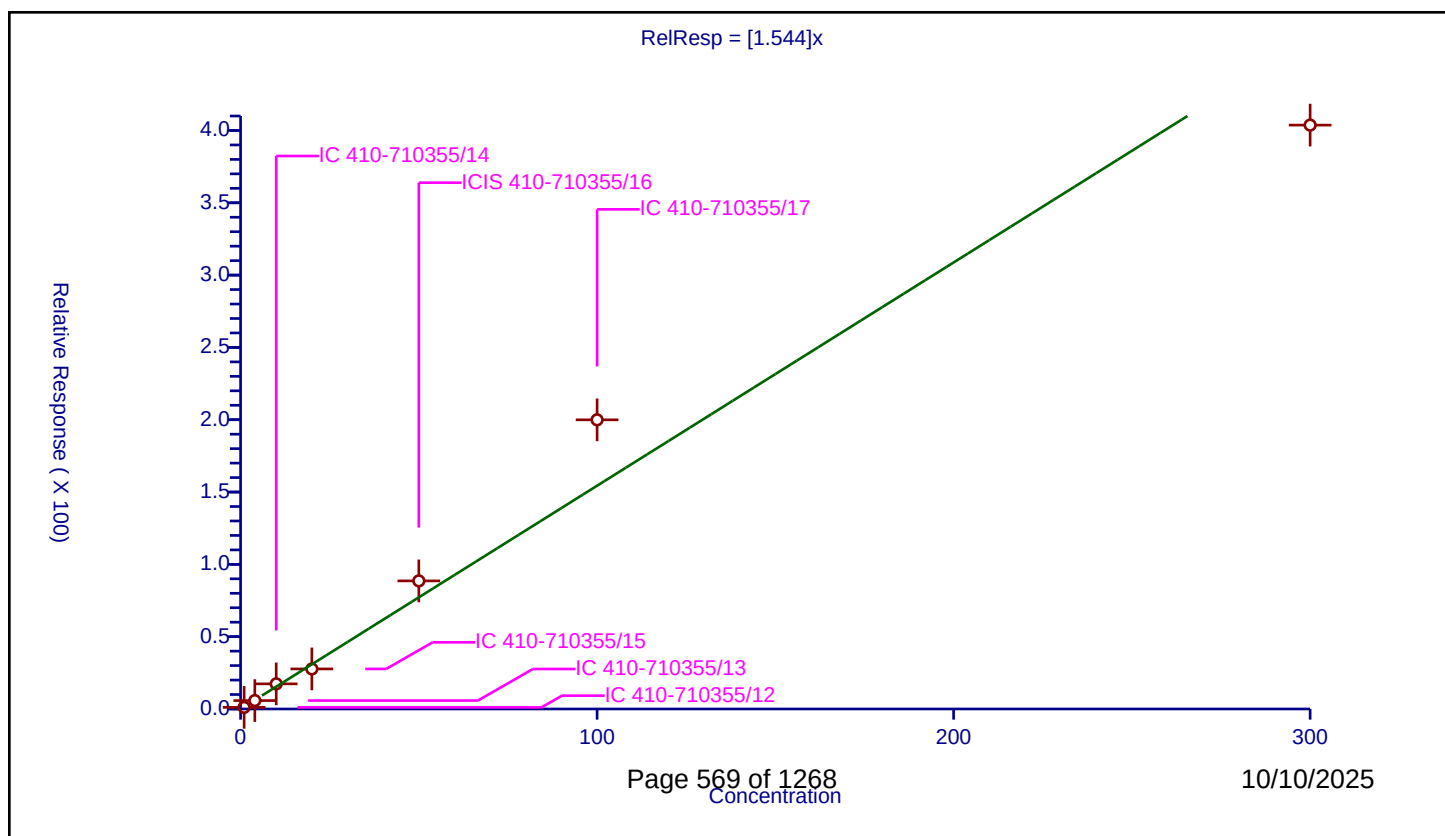
Curve Coefficients

Intercept: 0
Slope: 1.544

Error Coefficients

Relative Standard Deviation: 19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.110798	50.0	1534212.0	1.110798	Y
2	IC 410-710355/13	4.0	5.825105	50.0	1638082.0	1.456276	Y
3	IC 410-710355/14	10.0	17.374477	50.0	2093335.0	1.737448	Y
4	IC 410-710355/15	20.0	27.694065	50.0	1499908.0	1.384703	Y
5	ICIS 410-710355/16	50.0	88.57251	50.0	1575591.0	1.77145	Y
6	IC 410-710355/17	100.0	199.941393	50.0	1754046.0	1.999414	Y
7	IC 410-710355/18	300.0	403.717753	50.0	2016245.0	1.345726	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

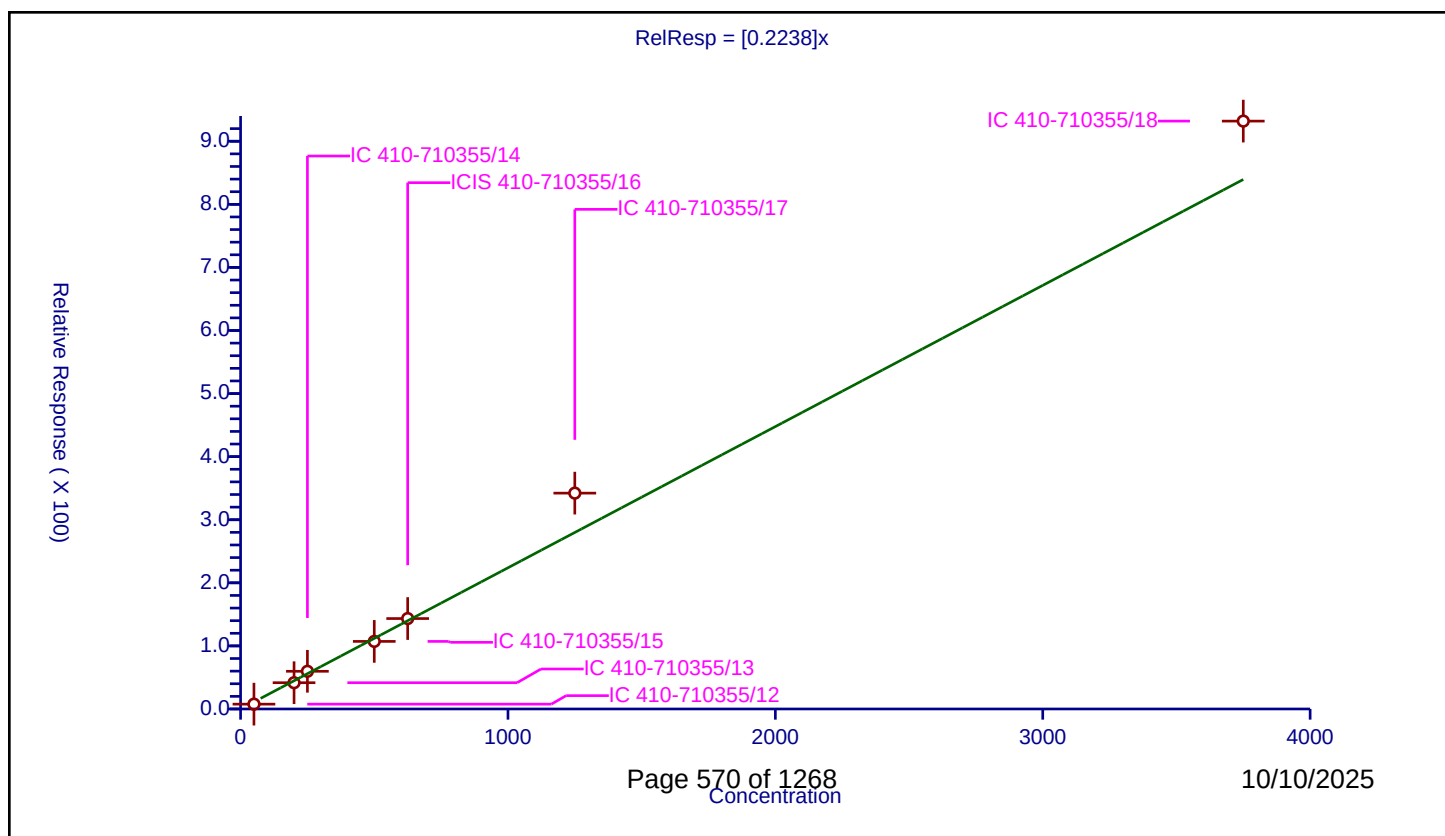
Curve Coefficients

Intercept: 0
Slope: 0.2238

Error Coefficients

Relative Standard Deviation: 16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.000933	7.678335	250.0	1926785.0	0.153564	Y
2	IC 410-710355/13	200.003731	41.675797	250.0	1976081.0	0.208375	Y
3	IC 410-710355/14	250.004664	59.756993	250.0	2740788.0	0.239024	Y
4	IC 410-710355/15	500.009328	107.146421	250.0	1753878.0	0.214289	Y
5	ICIS 410-710355/16	625.01166	143.357566	250.0	2093728.0	0.229368	Y
6	IC 410-710355/17	1250.02332	342.158381	250.0	1943030.0	0.273722	Y
7	IC 410-710355/18	3750.06996	931.934559	250.0	2125146.0	0.248511	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

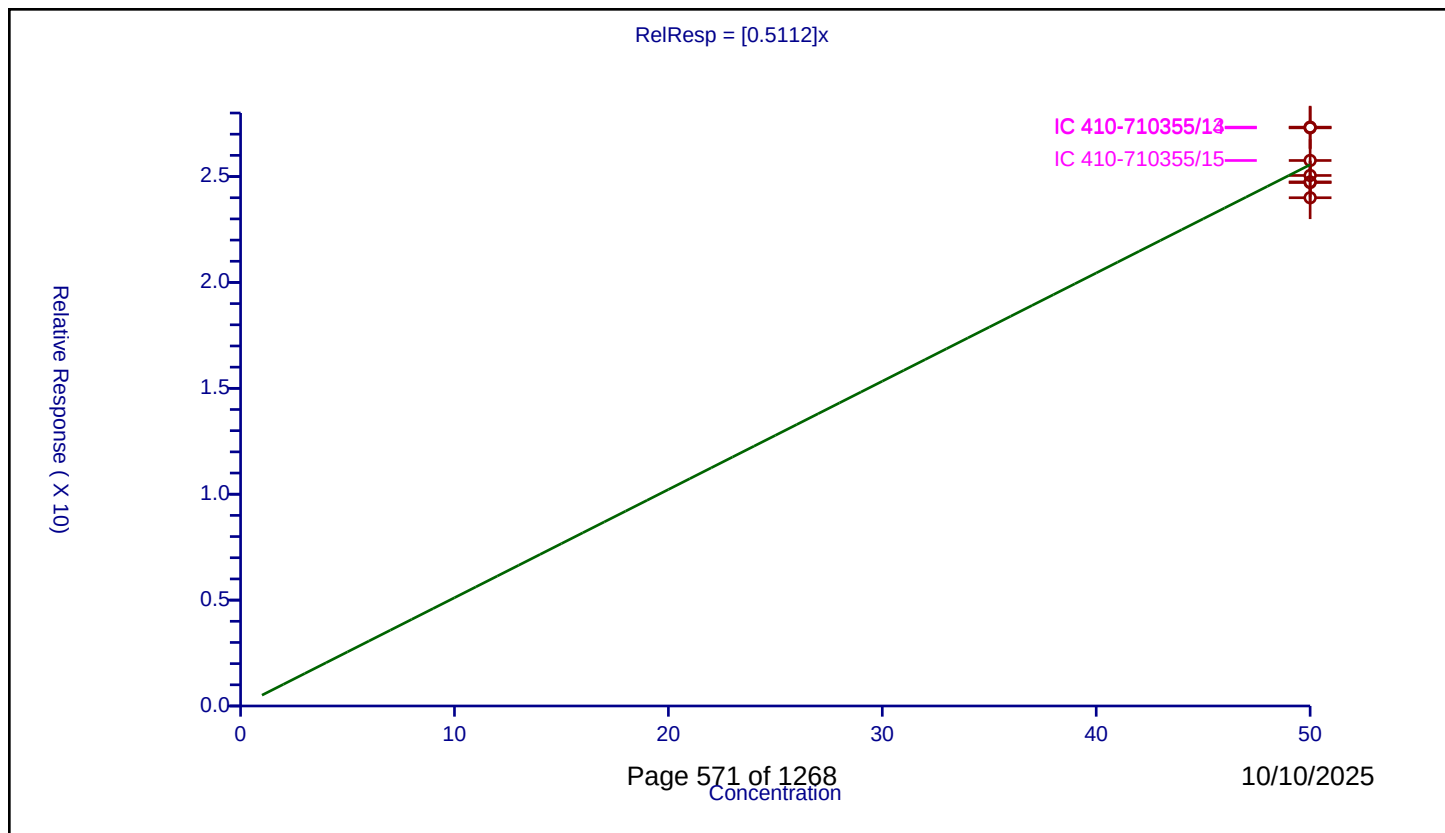
Curve Coefficients

Intercept: 0
 Slope: 0.5112

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	50.0	23.999128	50.0	1534212.0	0.479983	Y
2	IC 410-710355/13	50.0	27.332453	50.0	1638082.0	0.546649	Y
3	IC 410-710355/14	50.0	27.299811	50.0	2093335.0	0.545996	Y
4	IC 410-710355/15	50.0	25.758813	50.0	1499908.0	0.515176	Y
5	ICIS 410-710355/16	50.0	25.050346	50.0	1575591.0	0.501007	Y
6	IC 410-710355/17	50.0	24.747498	50.0	1754046.0	0.49495	Y
7	IC 410-710355/18	50.0	24.717234	50.0	2016245.0	0.494345	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

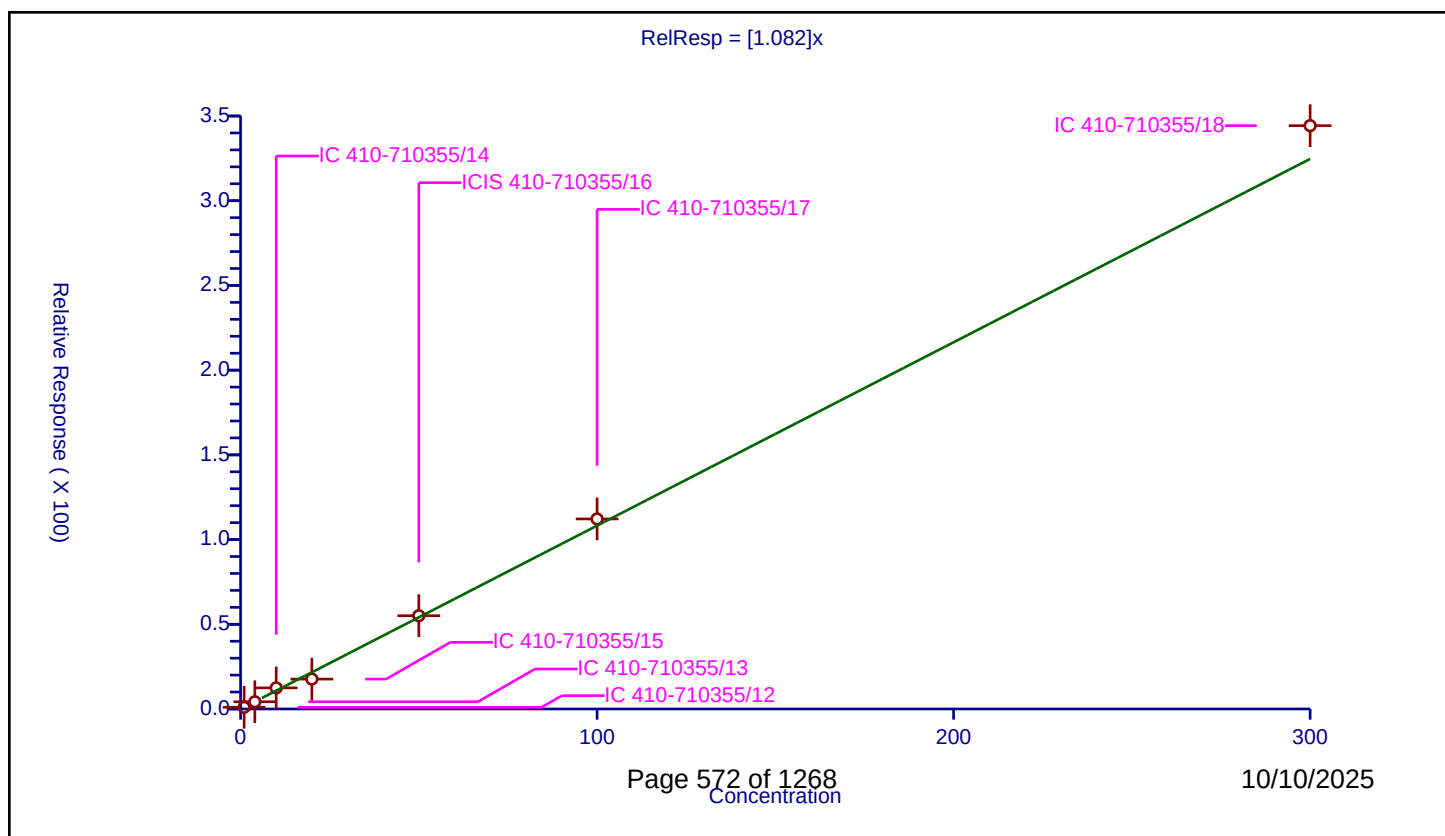
Curve Coefficients

Intercept: 0
Slope: 1.082

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.006789	50.0	916528.0	1.006789	Y
2	IC 410-710355/13	4.0	4.280824	50.0	1017456.0	1.070206	Y
3	IC 410-710355/14	10.0	12.454231	50.0	1227916.0	1.245423	Y
4	IC 410-710355/15	20.0	17.659461	50.0	909487.0	0.882973	Y
5	ICIS 410-710355/16	50.0	55.047421	50.0	897696.0	1.100948	Y
6	IC 410-710355/17	100.0	112.176985	50.0	961334.0	1.12177	Y
7	IC 410-710355/18	300.0	344.304082	50.0	1096127.0	1.14768	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

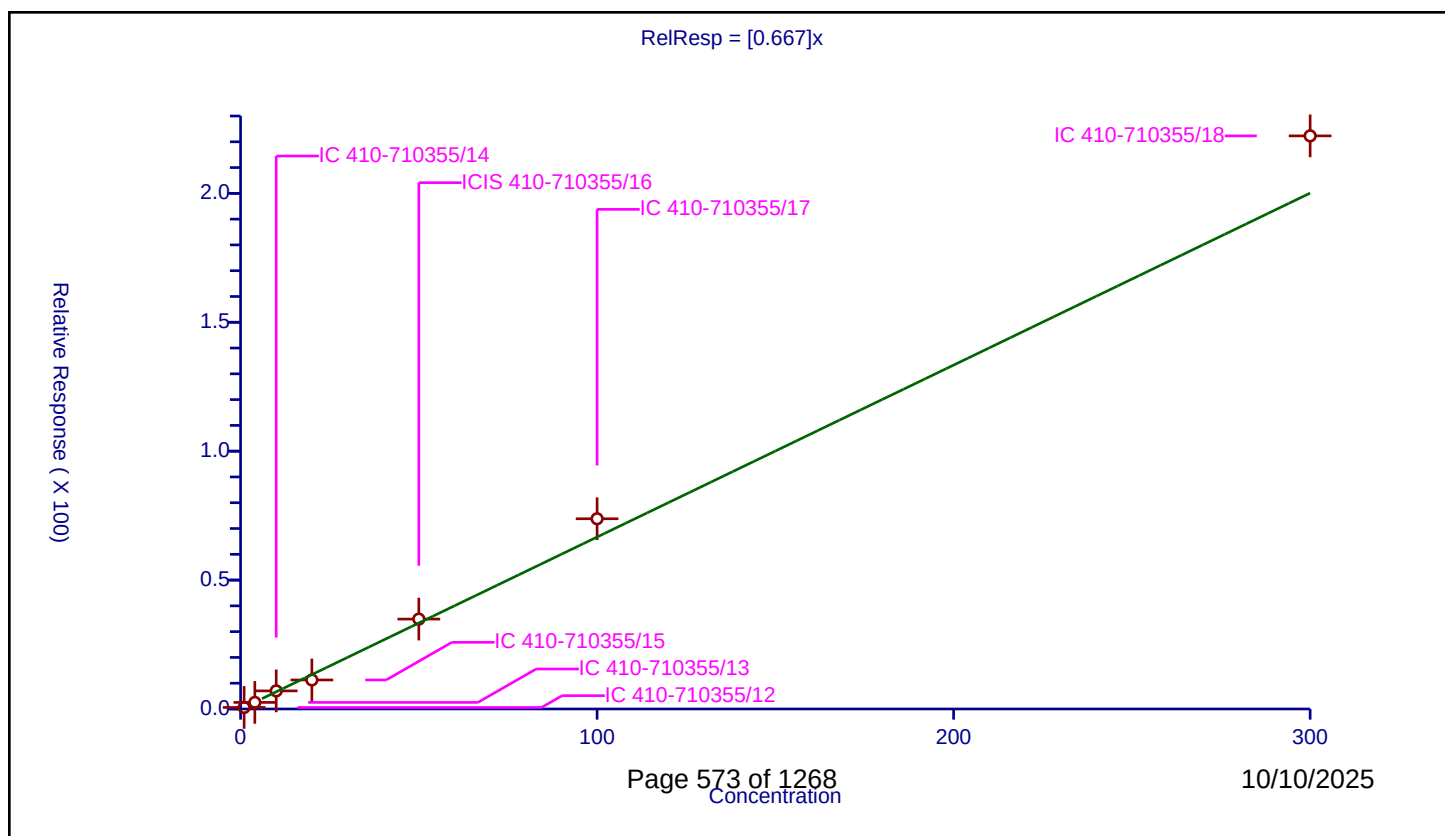
Curve Coefficients

Intercept: 0
Slope: 0.667

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.591362	50.0	916528.0	0.591362	Y
2	IC 410-710355/13	4.0	2.545859	50.0	1017456.0	0.636465	Y
3	IC 410-710355/14	10.0	7.018558	50.0	1227916.0	0.701856	Y
4	IC 410-710355/15	20.0	11.254366	50.0	909487.0	0.562718	Y
5	ICIS 410-710355/16	50.0	34.876506	50.0	897696.0	0.69753	Y
6	IC 410-710355/17	100.0	73.789131	50.0	961334.0	0.737891	Y
7	IC 410-710355/18	300.0	222.298922	50.0	1096127.0	0.740996	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

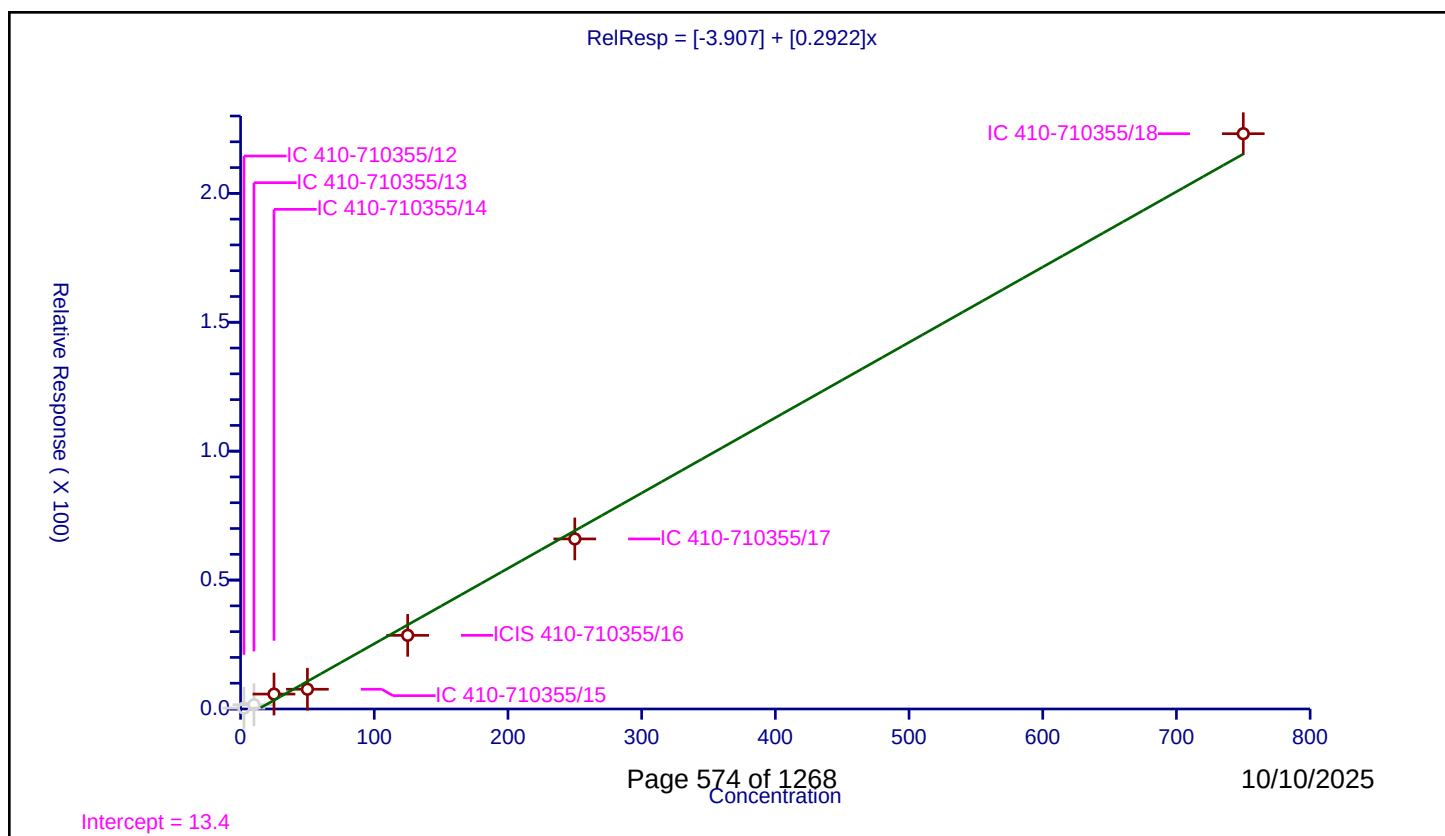
Curve Coefficients

Intercept: -3.907
Slope: 0.2922

Error Coefficients

Relative Standard Deviation: 23.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	2.5	0.347289	50.0	916528.0	0.138916	N
2	IC 410-710355/13	10.0	1.652602	50.0	1017456.0	0.16526	N
3	IC 410-710355/14	25.0	5.786267	50.0	1227916.0	0.231451	Y
4	IC 410-710355/15	50.0	7.658713	50.0	909487.0	0.153174	Y
5	ICIS 410-710355/16	125.0	28.564904	50.0	897696.0	0.228519	Y
6	IC 410-710355/17	250.0	65.965315	50.0	961334.0	0.263861	Y
7	IC 410-710355/18	750.0	223.145721	50.0	1096127.0	0.297528	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

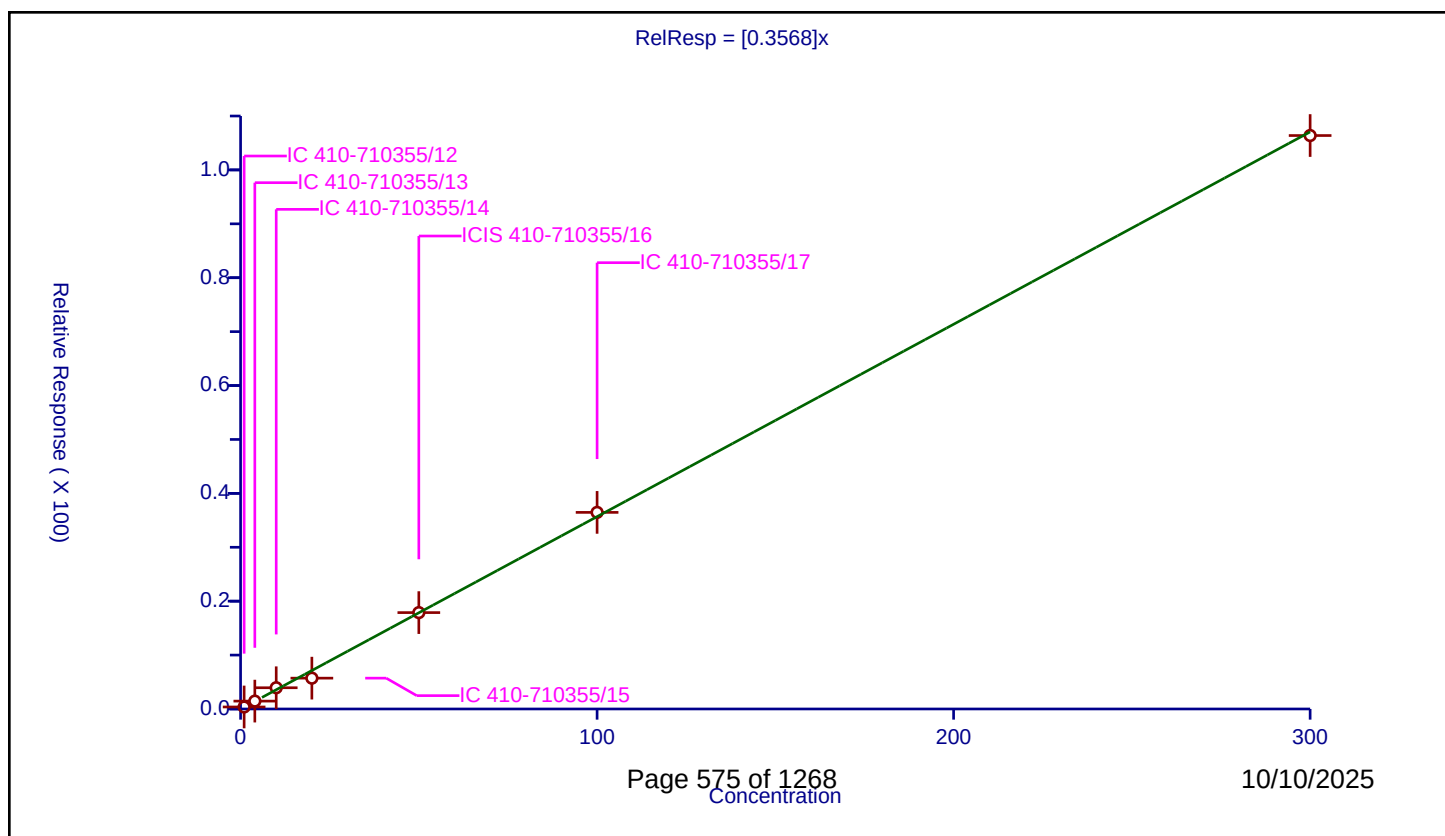
Curve Coefficients

Intercept: 0
Slope: 0.3568

Error Coefficients

Relative Standard Deviation: 9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.37582	50.0	916528.0	0.37582	Y
2	IC 410-710355/13	4.0	1.459817	50.0	1017456.0	0.364954	Y
3	IC 410-710355/14	10.0	3.941801	50.0	1227916.0	0.39418	Y
4	IC 410-710355/15	20.0	5.722017	50.0	909487.0	0.286101	Y
5	ICIS 410-710355/16	50.0	17.877878	50.0	897696.0	0.357558	Y
6	IC 410-710355/17	100.0	36.470259	50.0	961334.0	0.364703	Y
7	IC 410-710355/18	300.0	106.378504	50.0	1096127.0	0.354595	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

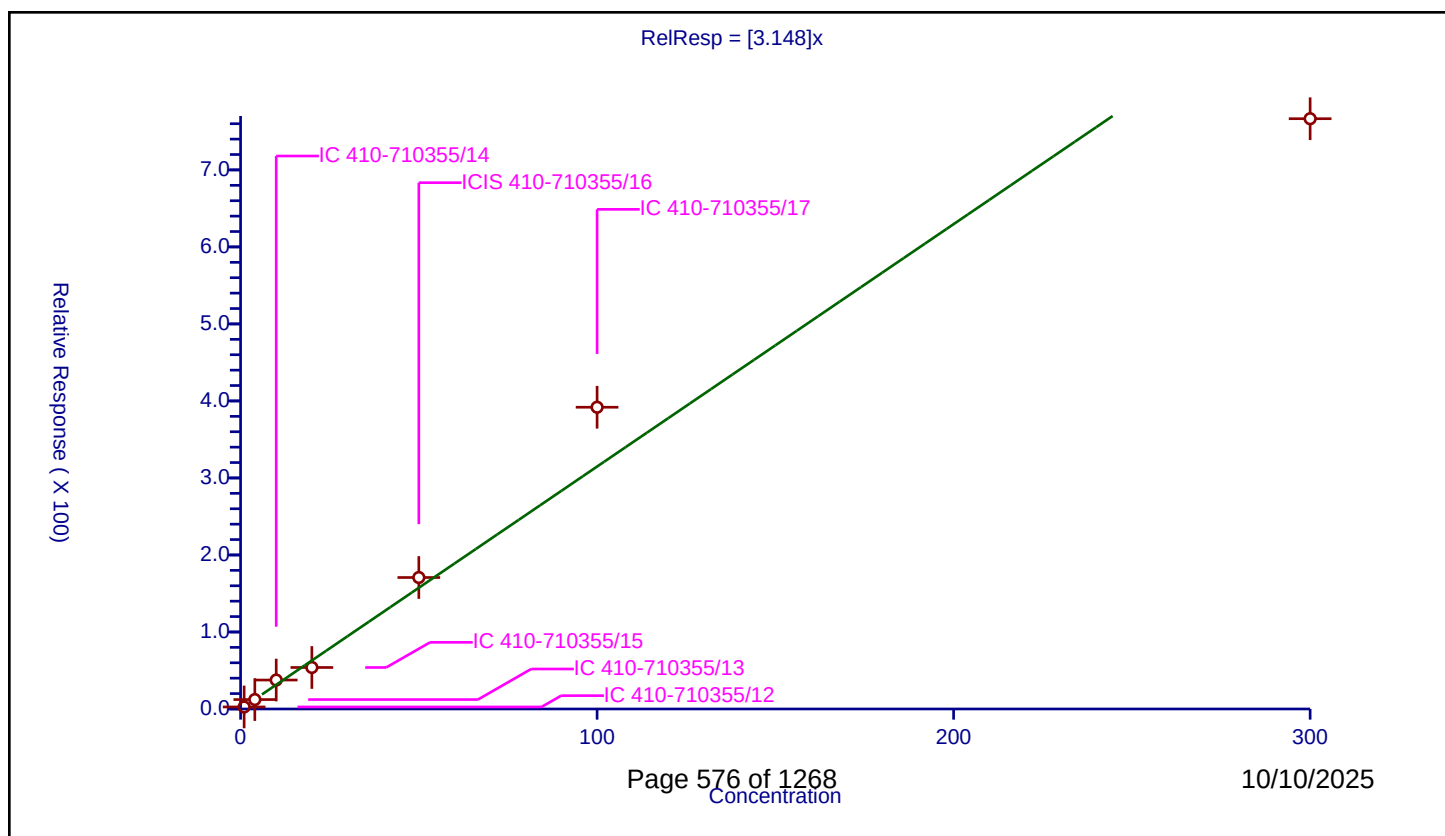
Curve Coefficients

Intercept: 0
Slope: 3.148

Error Coefficients

Relative Standard Deviation: 17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	2.632325	50.0	916528.0	2.632325	Y
2	IC 410-710355/13	4.0	12.240136	50.0	1017456.0	3.060034	Y
3	IC 410-710355/14	10.0	37.598337	50.0	1227916.0	3.759834	Y
4	IC 410-710355/15	20.0	53.90231	50.0	909487.0	2.695115	Y
5	ICIS 410-710355/16	50.0	170.741376	50.0	897696.0	3.414828	Y
6	IC 410-710355/17	100.0	391.838268	50.0	961334.0	3.918383	Y
7	IC 410-710355/18	300.0	766.501008	50.0	1096127.0	2.555003	Y



Calibration

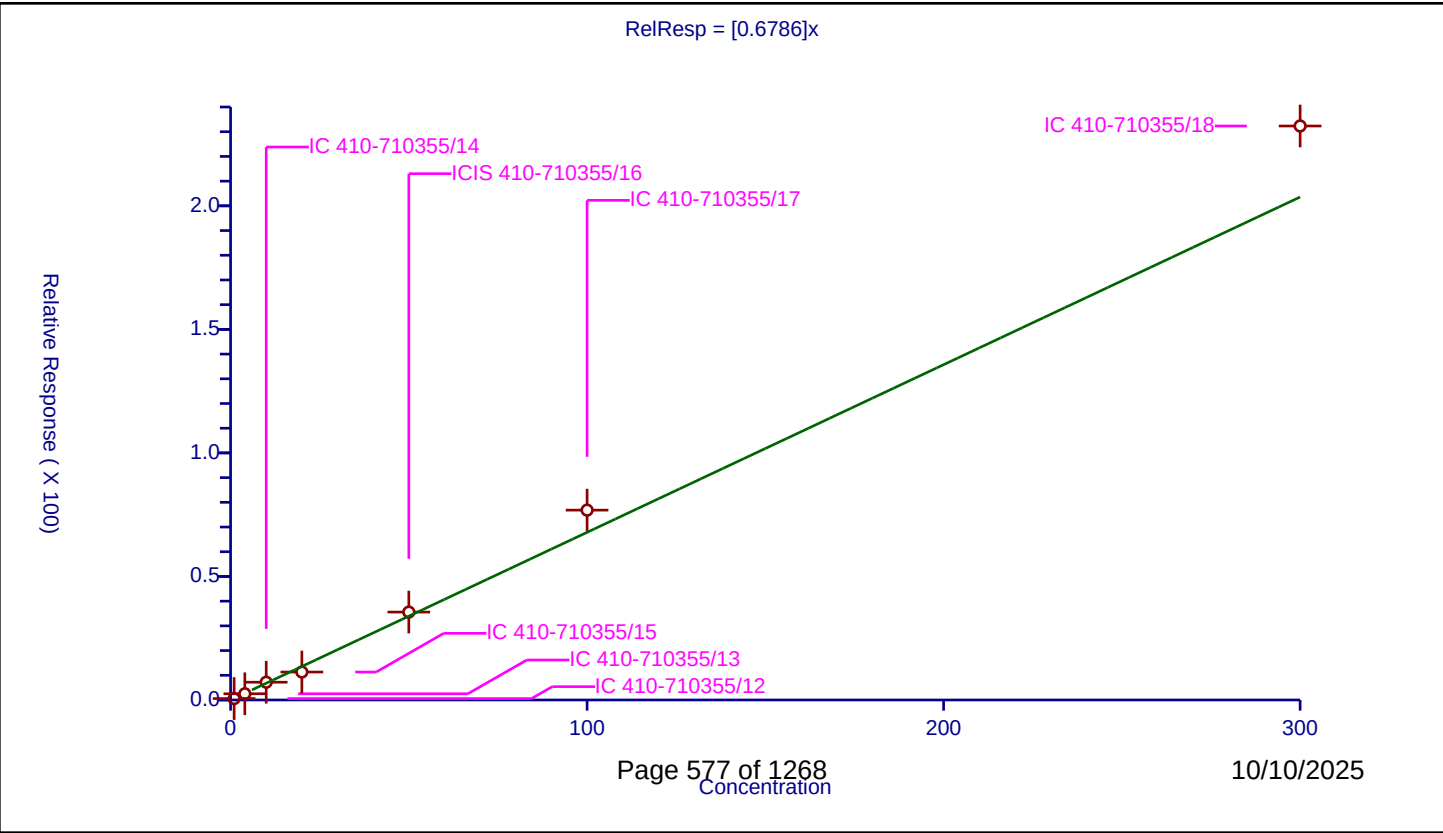
/ 2-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.6786
Error Coefficients	

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.580015	50.0	916528.0	0.580015	Y
2	IC 410-710355/13	4.0	2.521141	50.0	1017456.0	0.630285	Y
3	IC 410-710355/14	10.0	7.192593	50.0	1227916.0	0.719259	Y
4	IC 410-710355/15	20.0	11.317864	50.0	909487.0	0.565893	Y
5	ICIS 410-710355/16	50.0	35.582981	50.0	897696.0	0.71166	Y
6	IC 410-710355/17	100.0	76.844988	50.0	961334.0	0.76845	Y
7	IC 410-710355/18	300.0	232.311402	50.0	1096127.0	0.774371	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

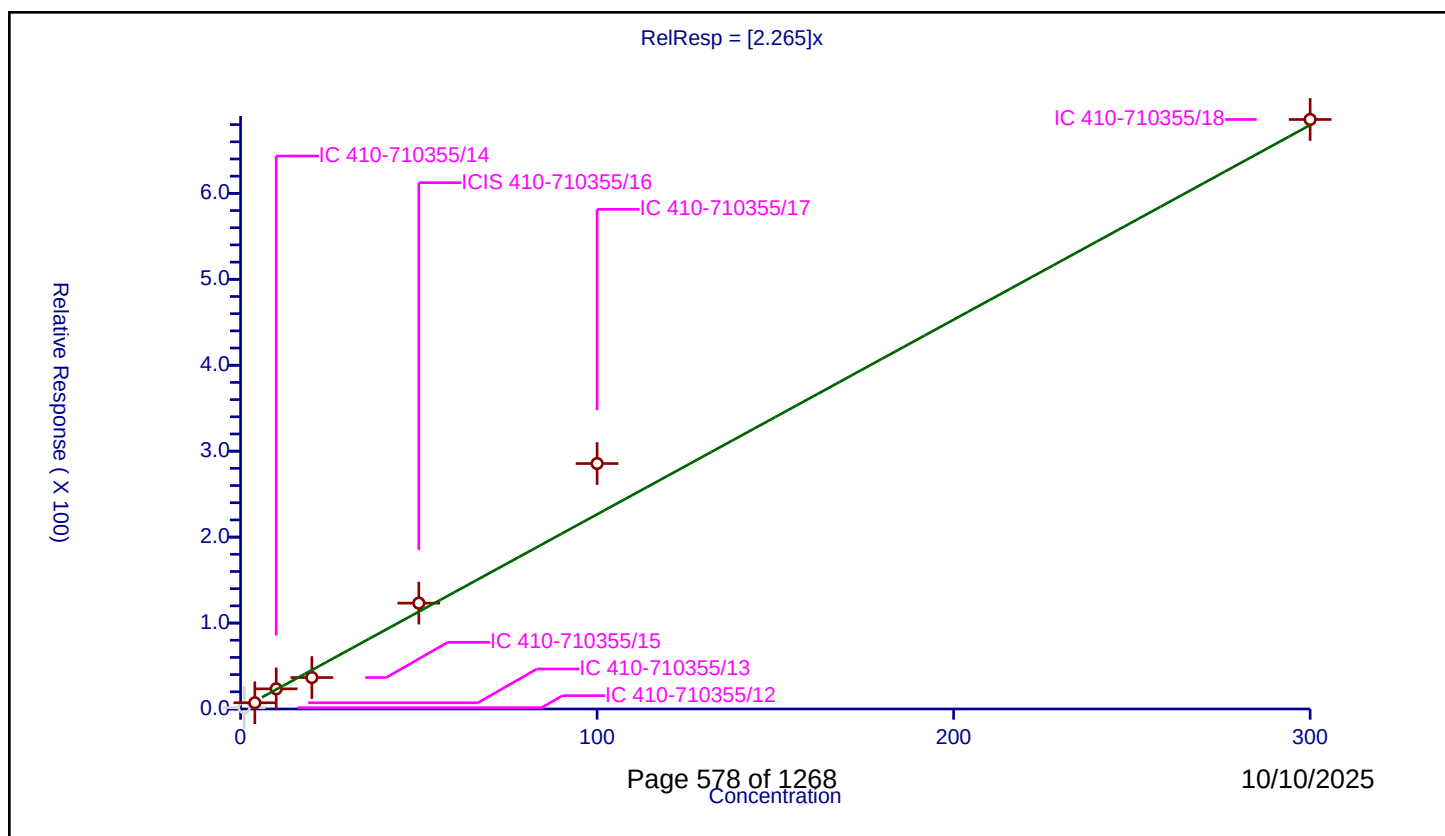
Curve Coefficients

Intercept: 0
Slope: 2.265

Error Coefficients

Relative Standard Deviation: 17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.506228	50.0	916528.0	1.506228	N
2	IC 410-710355/13	4.0	7.233531	50.0	1017456.0	1.808383	Y
3	IC 410-710355/14	10.0	23.445537	50.0	1227916.0	2.344554	Y
4	IC 410-710355/15	20.0	36.598874	50.0	909487.0	1.829944	Y
5	ICIS 410-710355/16	50.0	123.1814	50.0	897696.0	2.463628	Y
6	IC 410-710355/17	100.0	285.625131	50.0	961334.0	2.856251	Y
7	IC 410-710355/18	300.0	685.979088	50.0	1096127.0	2.286597	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

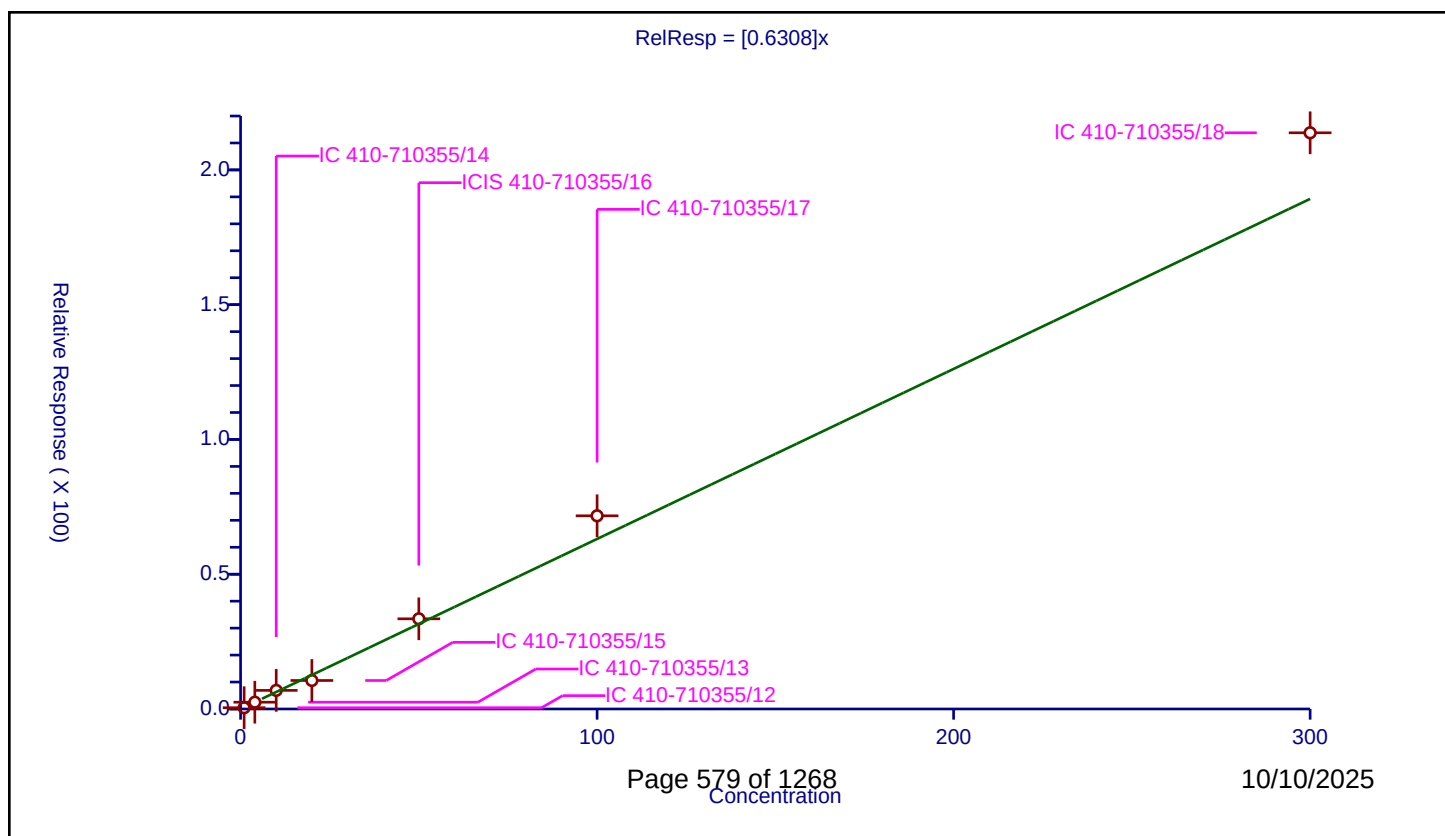
Curve Coefficients

Intercept: 0
Slope: 0.6308

Error Coefficients

Relative Standard Deviation: 15.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.469653	50.0	916528.0	0.469653	Y
2	IC 410-710355/13	4.0	2.517406	50.0	1017456.0	0.629352	Y
3	IC 410-710355/14	10.0	6.897337	50.0	1227916.0	0.689734	Y
4	IC 410-710355/15	20.0	10.573323	50.0	909487.0	0.528666	Y
5	ICIS 410-710355/16	50.0	33.457262	50.0	897696.0	0.669145	Y
6	IC 410-710355/17	100.0	71.674309	50.0	961334.0	0.716743	Y
7	IC 410-710355/18	300.0	213.777646	50.0	1096127.0	0.712592	Y



Calibration

/ tert-Butylbenzene

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

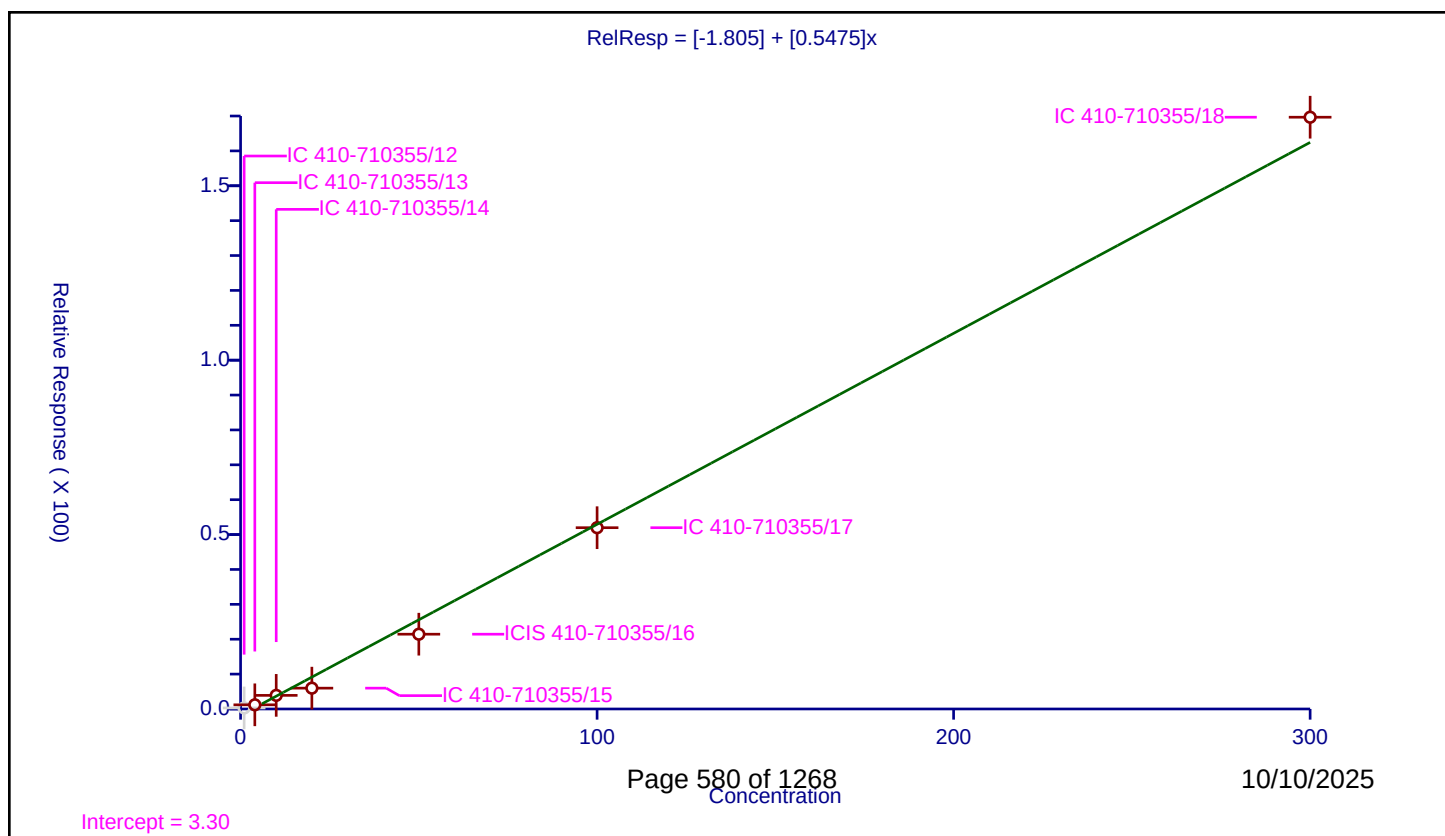
Curve Coefficients

Intercept: -1.805
Slope: 0.5475

Error Coefficients

Relative Standard Deviation: 24.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.299718	50.0	916528.0	0.299718	N
2	IC 410-710355/13	4.0	1.1973	50.0	1017456.0	0.299325	Y
3	IC 410-710355/14	10.0	3.903117	50.0	1227916.0	0.390312	Y
4	IC 410-710355/15	20.0	5.977271	50.0	909487.0	0.298864	Y
5	ICIS 410-710355/16	50.0	21.442114	50.0	897696.0	0.428842	Y
6	IC 410-710355/17	100.0	51.972103	50.0	961334.0	0.519721	Y
7	IC 410-710355/18	300.0	169.655934	50.0	1096127.0	0.56552	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

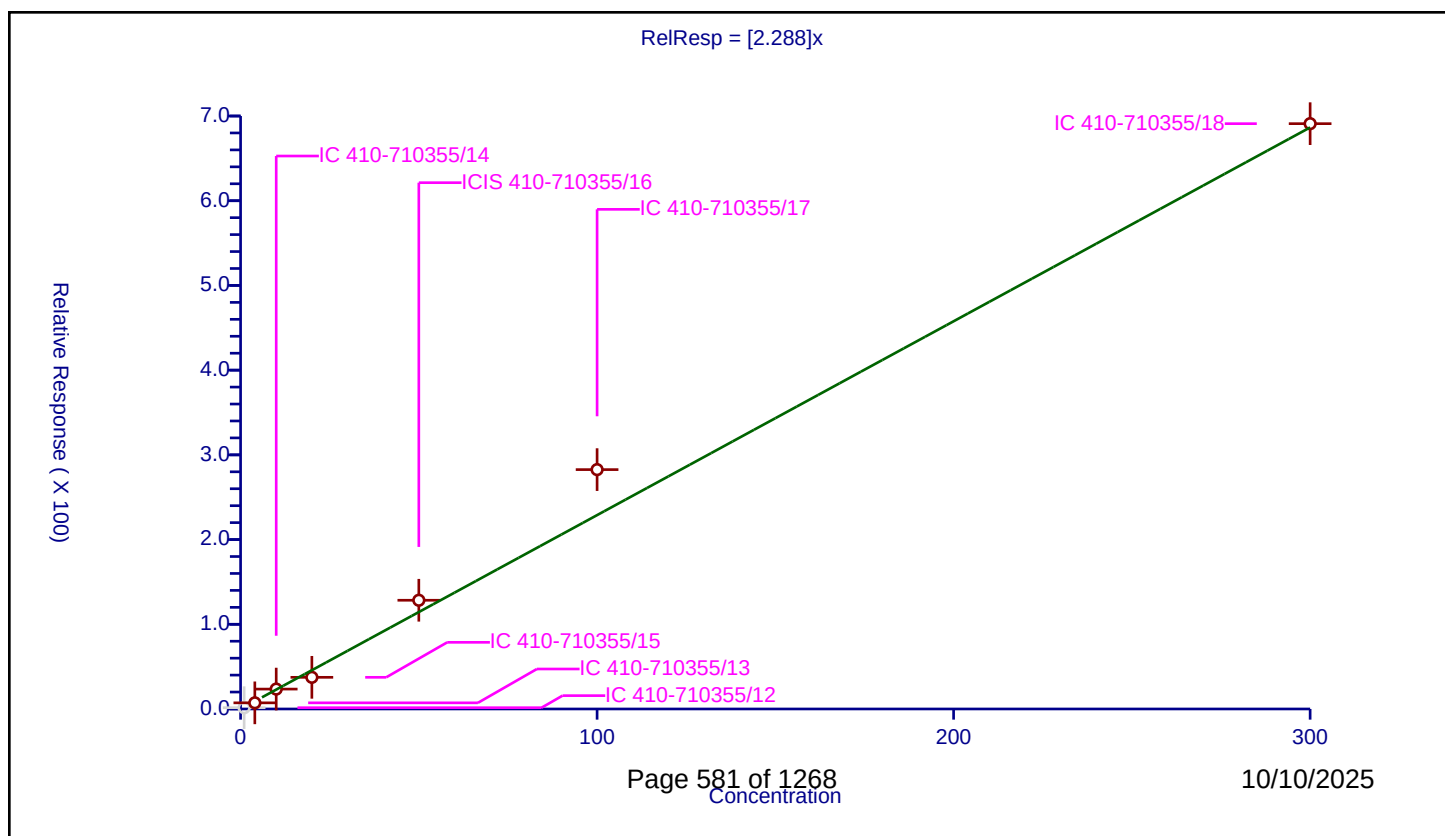
Curve Coefficients

Intercept: 0
Slope: 2.288

Error Coefficients

Relative Standard Deviation: 17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.530068	50.0	916528.0	1.530068	N
2	IC 410-710355/13	4.0	7.256284	50.0	1017456.0	1.814071	Y
3	IC 410-710355/14	10.0	23.513335	50.0	1227916.0	2.351333	Y
4	IC 410-710355/15	20.0	37.389594	50.0	909487.0	1.86948	Y
5	ICIS 410-710355/16	50.0	128.348015	50.0	897696.0	2.56696	Y
6	IC 410-710355/17	100.0	282.57255	50.0	961334.0	2.825726	Y
7	IC 410-710355/18	300.0	690.960308	50.0	1096127.0	2.303201	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

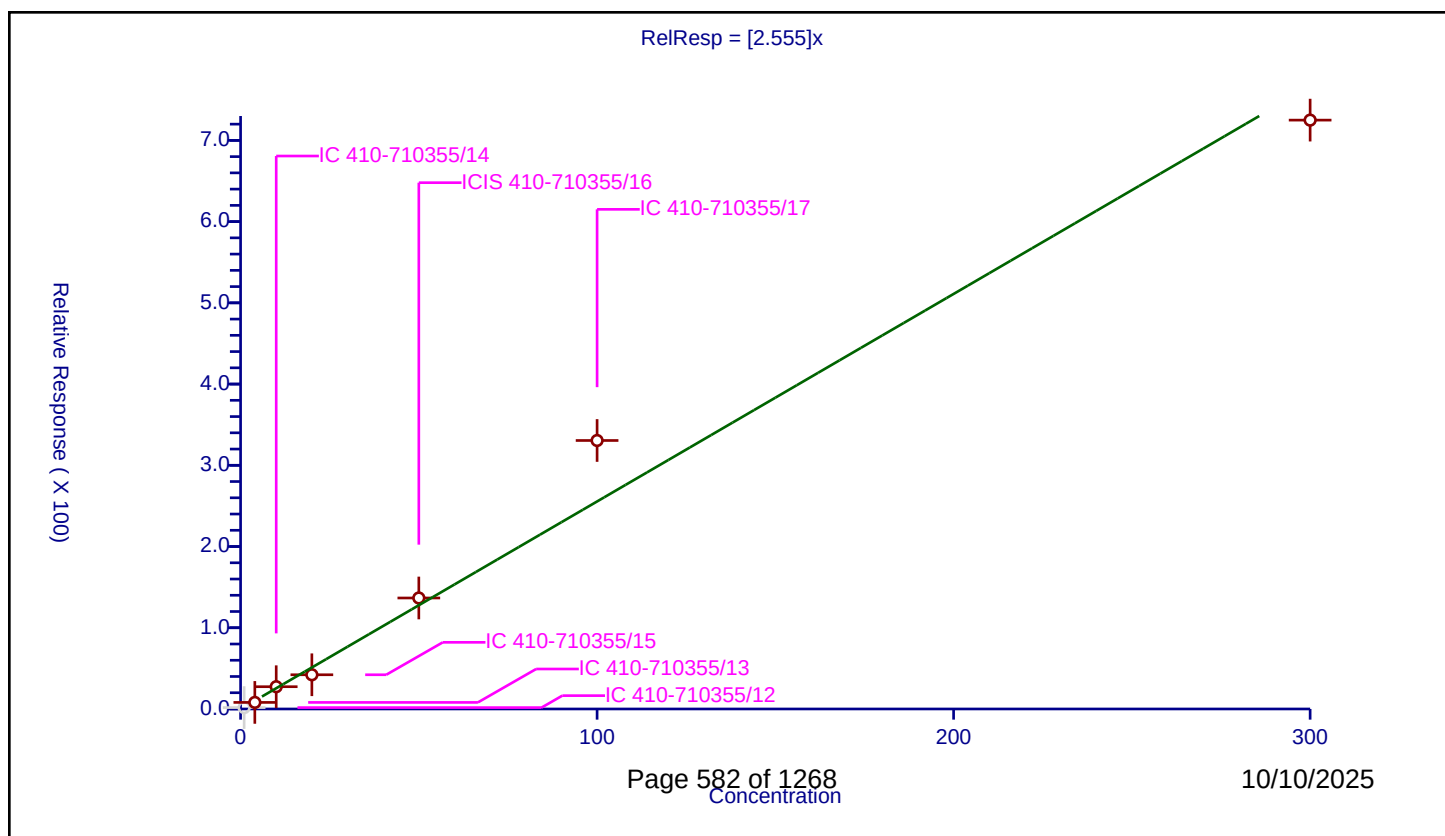
Curve Coefficients

Intercept: 0
Slope: 2.555

Error Coefficients

Relative Standard Deviation: 18.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.729516	50.0	916528.0	1.729516	N
2	IC 410-710355/13	4.0	8.100596	50.0	1017456.0	2.025149	Y
3	IC 410-710355/14	10.0	27.426062	50.0	1227916.0	2.742606	Y
4	IC 410-710355/15	20.0	42.123692	50.0	909487.0	2.106185	Y
5	ICIS 410-710355/16	50.0	136.654502	50.0	897696.0	2.73309	Y
6	IC 410-710355/17	100.0	330.534913	50.0	961334.0	3.305349	Y
7	IC 410-710355/18	300.0	724.957829	50.0	1096127.0	2.416526	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

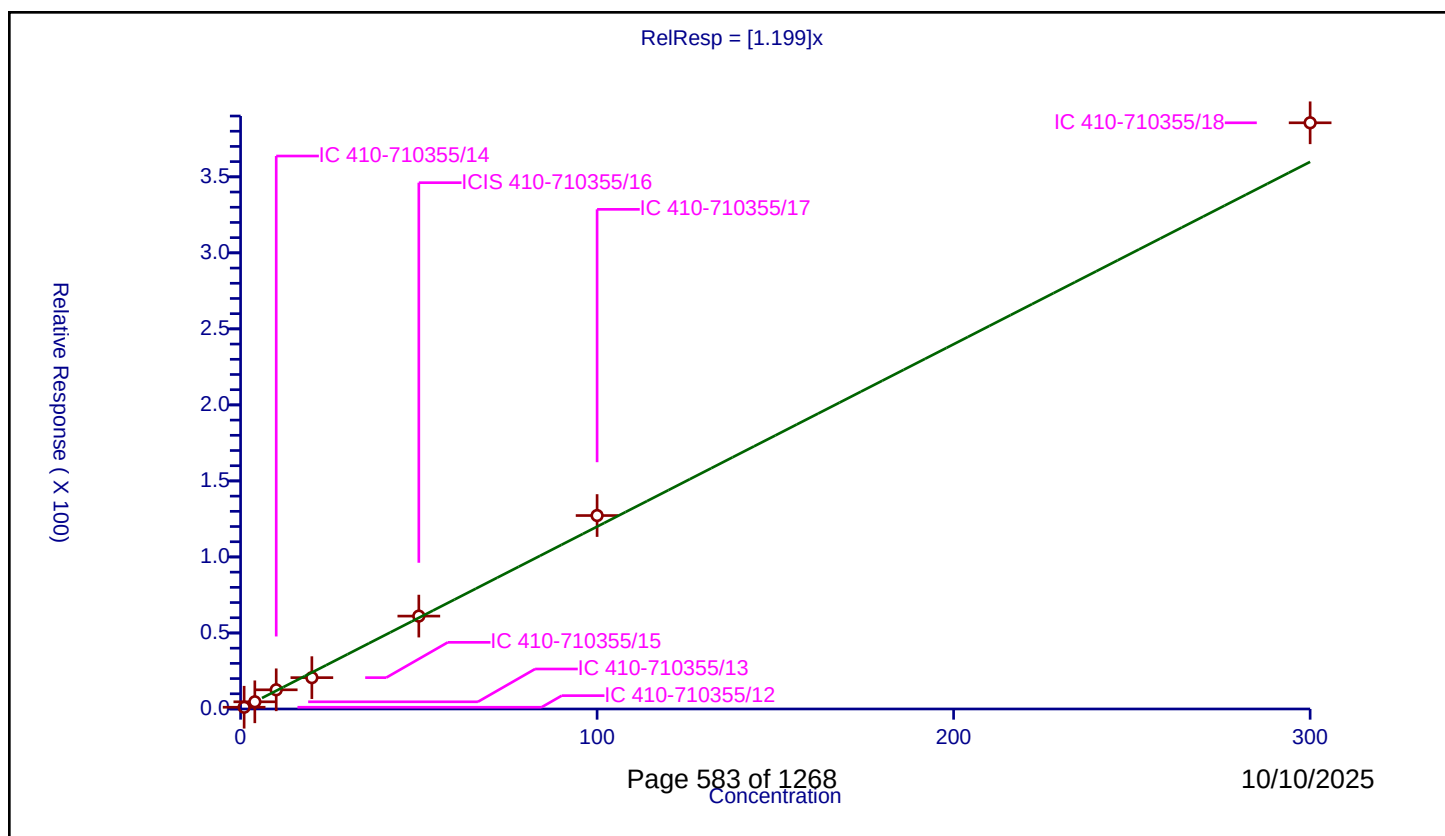
Curve Coefficients

Intercept: 0
Slope: 1.199

Error Coefficients

Relative Standard Deviation: 7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.1429	50.0	916528.0	1.1429	Y
2	IC 410-710355/13	4.0	4.728902	50.0	1017456.0	1.182226	Y
3	IC 410-710355/14	10.0	12.613322	50.0	1227916.0	1.261332	Y
4	IC 410-710355/15	20.0	20.60942	50.0	909487.0	1.030471	Y
5	ICIS 410-710355/16	50.0	61.102923	50.0	897696.0	1.222058	Y
6	IC 410-710355/17	100.0	127.237308	50.0	961334.0	1.272373	Y
7	IC 410-710355/18	300.0	385.537123	50.0	1096127.0	1.285124	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

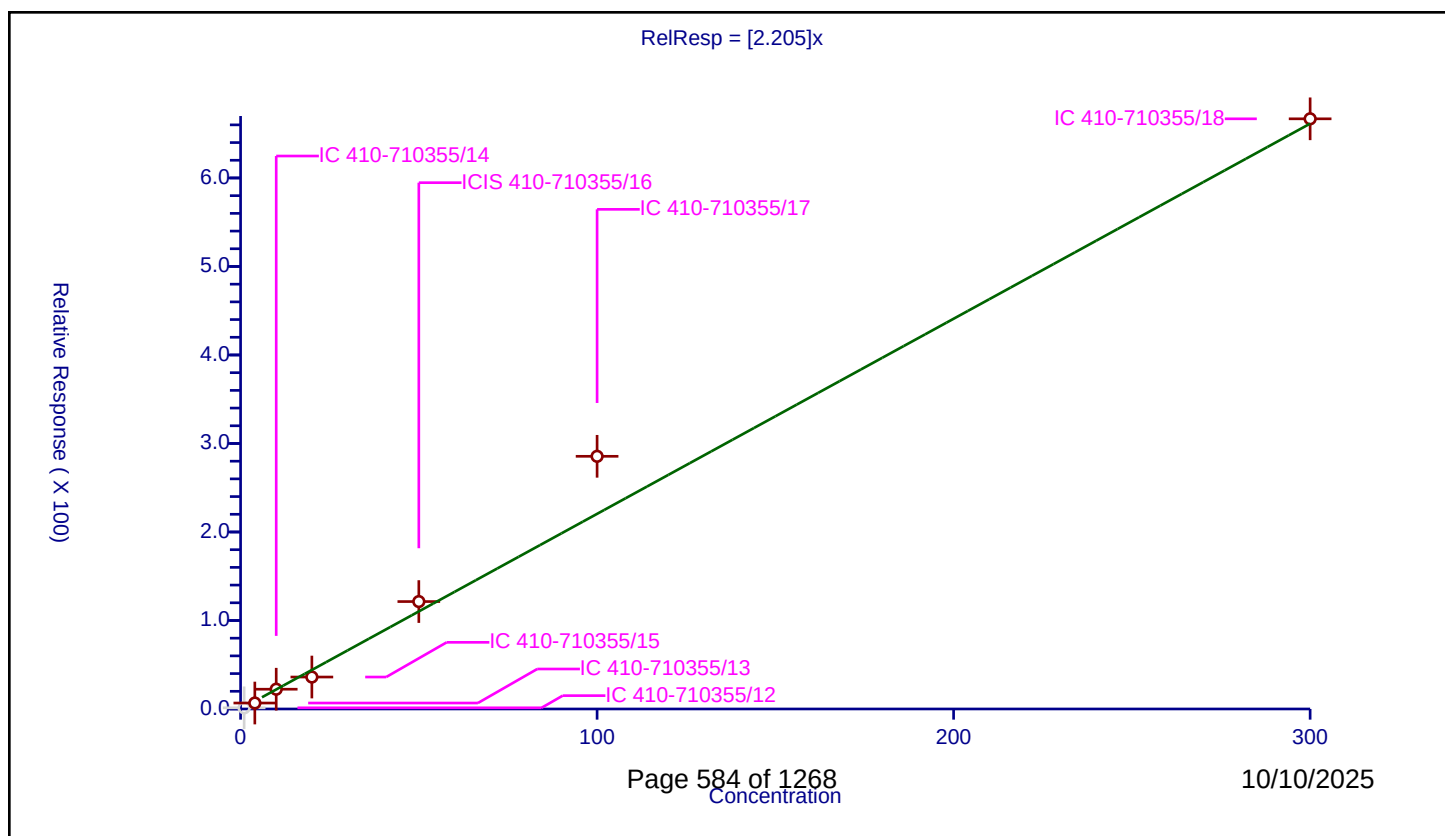
Curve Coefficients

Intercept: 0
 Slope: 2.205

Error Coefficients

Relative Standard Deviation: 19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.339457	50.0	916528.0	1.339457	N
2	IC 410-710355/13	4.0	6.725795	50.0	1017456.0	1.681449	Y
3	IC 410-710355/14	10.0	22.350104	50.0	1227916.0	2.23501	Y
4	IC 410-710355/15	20.0	36.121462	50.0	909487.0	1.806073	Y
5	ICIS 410-710355/16	50.0	121.367813	50.0	897696.0	2.427356	Y
6	IC 410-710355/17	100.0	285.493179	50.0	961334.0	2.854932	Y
7	IC 410-710355/18	300.0	666.834226	50.0	1096127.0	2.222781	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

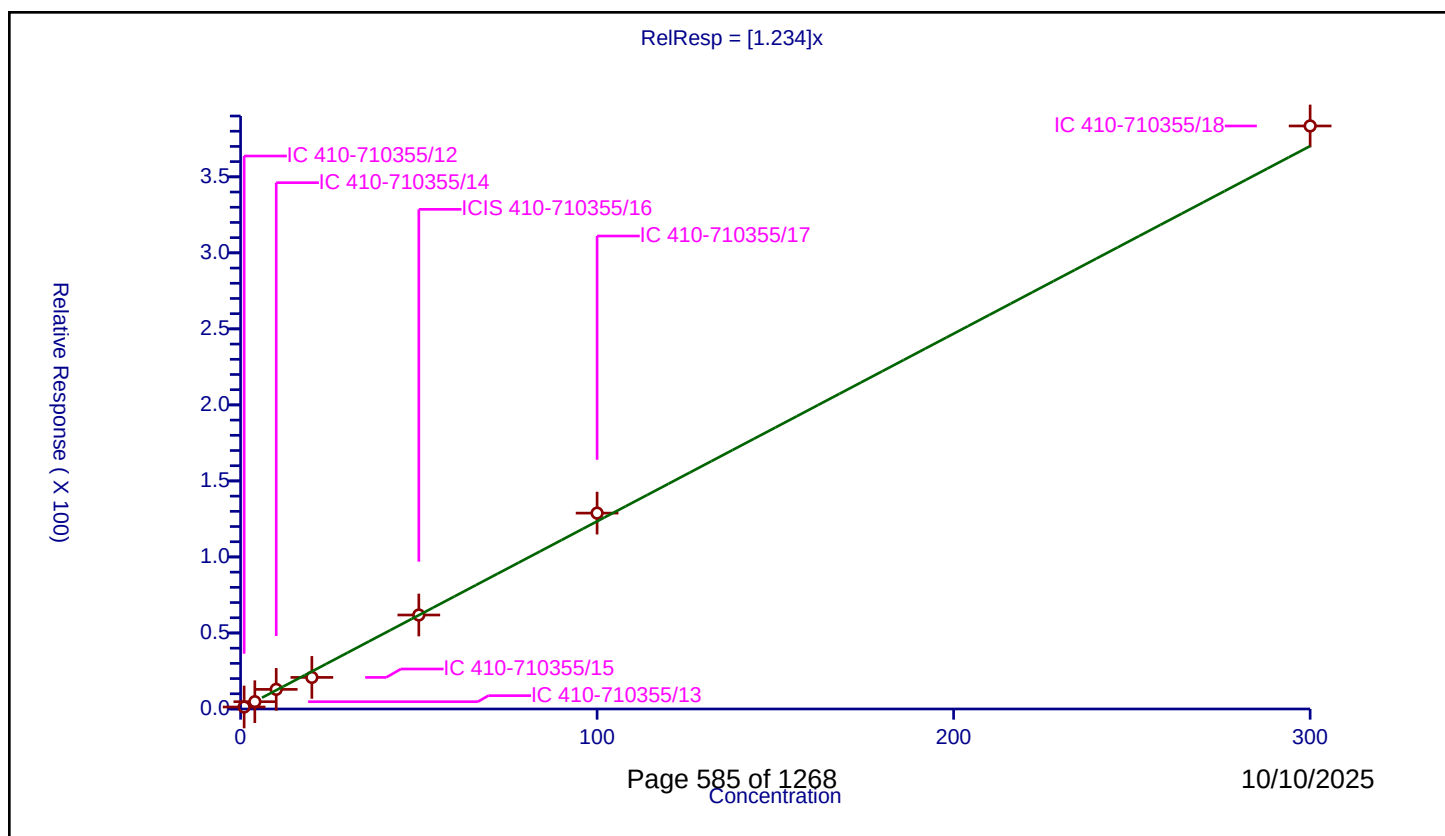
Curve Coefficients

Intercept: 0
Slope: 1.234

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.305307	50.0	916528.0	1.305307	Y
2	IC 410-710355/13	4.0	4.805368	50.0	1017456.0	1.201342	Y
3	IC 410-710355/14	10.0	12.90809	50.0	1227916.0	1.290809	Y
4	IC 410-710355/15	20.0	20.767861	50.0	909487.0	1.038393	Y
5	ICIS 410-710355/16	50.0	61.819703	50.0	897696.0	1.236394	Y
6	IC 410-710355/17	100.0	128.835296	50.0	961334.0	1.288353	Y
7	IC 410-710355/18	300.0	383.464735	50.0	1096127.0	1.278216	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

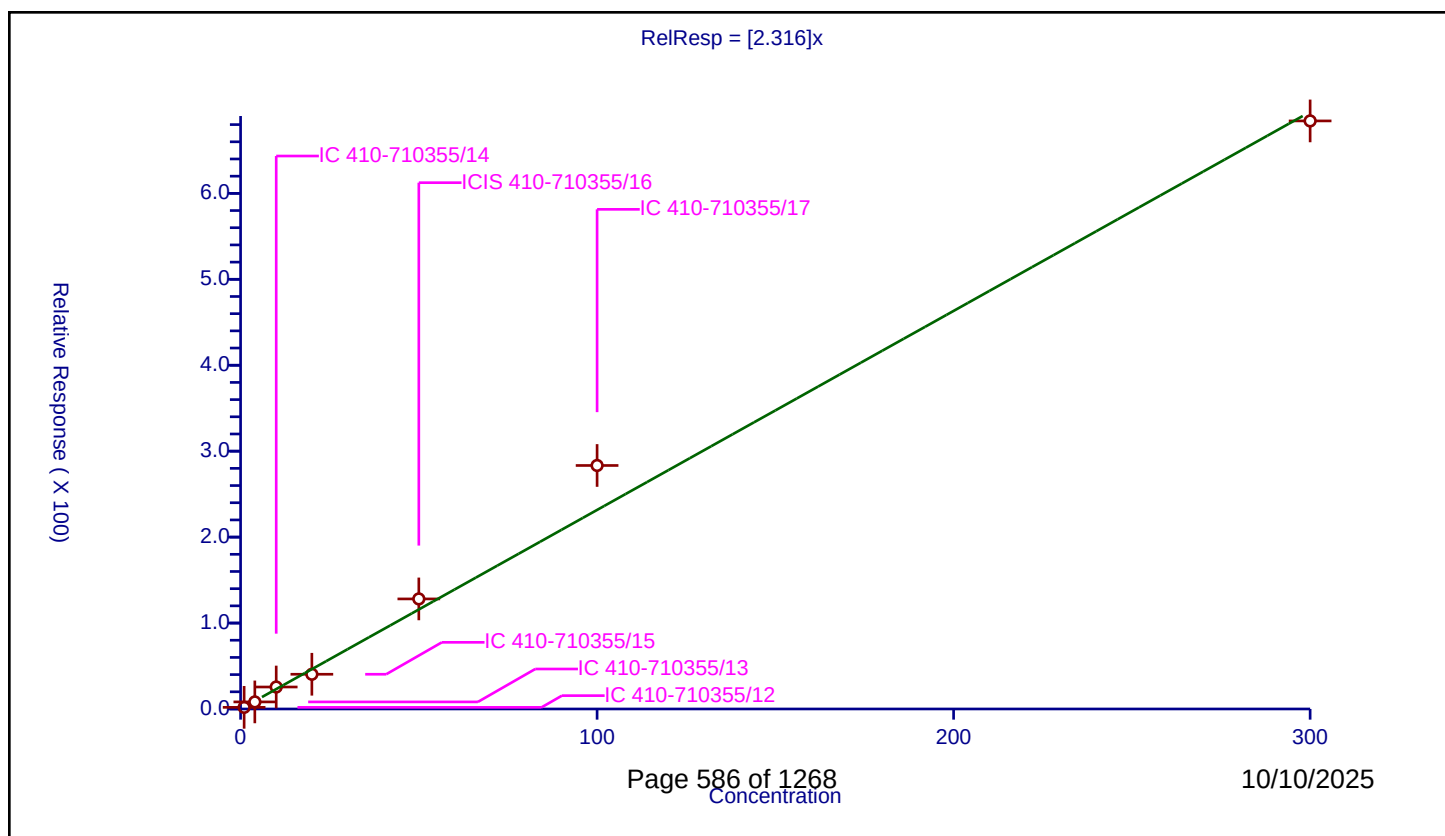
Curve Coefficients

Intercept: 0
Slope: 2.316

Error Coefficients

Relative Standard Deviation: 14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.897105	50.0	916528.0	1.897105	Y
2	IC 410-710355/13	4.0	8.23559	50.0	1017456.0	2.058897	Y
3	IC 410-710355/14	10.0	25.589902	50.0	1227916.0	2.55899	Y
4	IC 410-710355/15	20.0	40.428395	50.0	909487.0	2.02142	Y
5	ICIS 410-710355/16	50.0	128.090077	50.0	897696.0	2.561802	Y
6	IC 410-710355/17	100.0	283.339973	50.0	961334.0	2.8334	Y
7	IC 410-710355/18	300.0	684.282022	50.0	1096127.0	2.28094	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

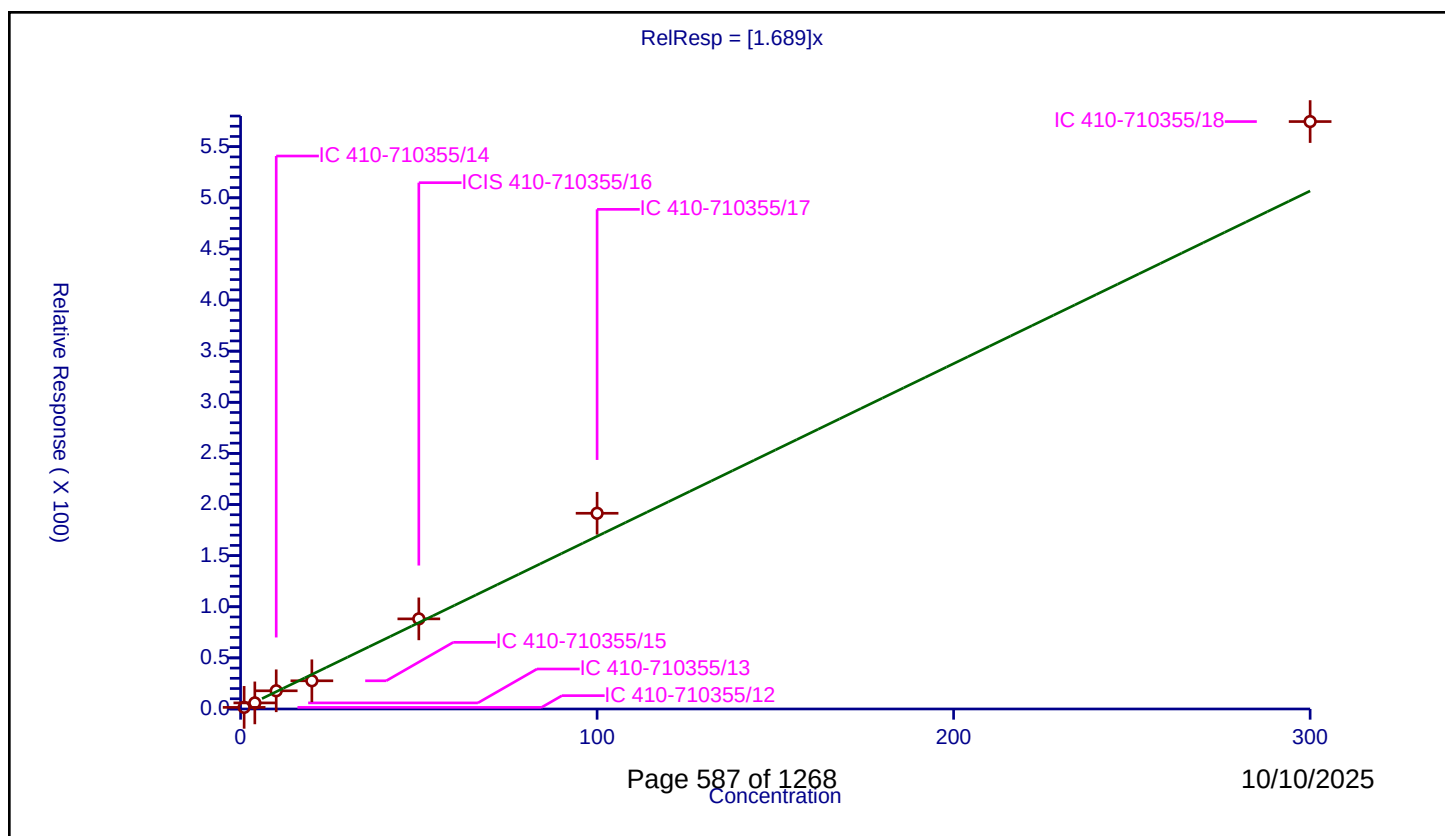
Curve Coefficients

Intercept: 0
Slope: 1.689

Error Coefficients

Relative Standard Deviation: 12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.584076	50.0	916528.0	1.584076	Y
2	IC 410-710355/13	4.0	5.949889	50.0	1017456.0	1.487472	Y
3	IC 410-710355/14	10.0	17.7934	50.0	1227916.0	1.77934	Y
4	IC 410-710355/15	20.0	27.58819	50.0	909487.0	1.379409	Y
5	ICIS 410-710355/16	50.0	88.153896	50.0	897696.0	1.763078	Y
6	IC 410-710355/17	100.0	191.446781	50.0	961334.0	1.914468	Y
7	IC 410-710355/18	300.0	574.579451	50.0	1096127.0	1.915265	Y



Calibration

/ 1,3-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

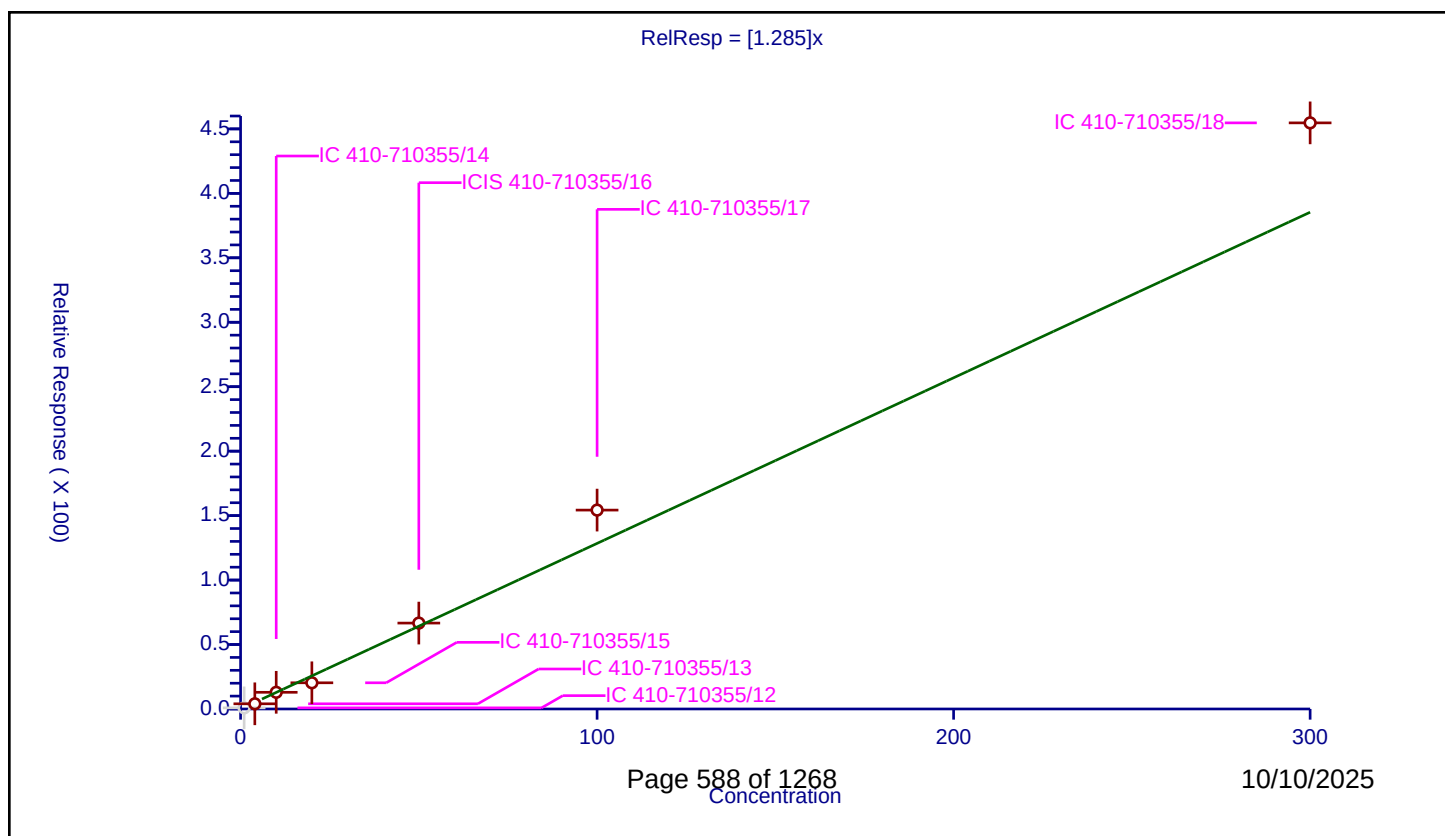
Curve Coefficients

Intercept: 0
Slope: 1.285

Error Coefficients

Relative Standard Deviation: 18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.886716	50.0	916528.0	0.886716	N
2	IC 410-710355/13	4.0	4.021796	50.0	1017456.0	1.005449	Y
3	IC 410-710355/14	10.0	12.945715	50.0	1227916.0	1.294571	Y
4	IC 410-710355/15	20.0	20.316838	50.0	909487.0	1.015842	Y
5	ICIS 410-710355/16	50.0	66.650347	50.0	897696.0	1.333007	Y
6	IC 410-710355/17	100.0	154.297466	50.0	961334.0	1.542975	Y
7	IC 410-710355/18	300.0	454.679111	50.0	1096127.0	1.515597	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

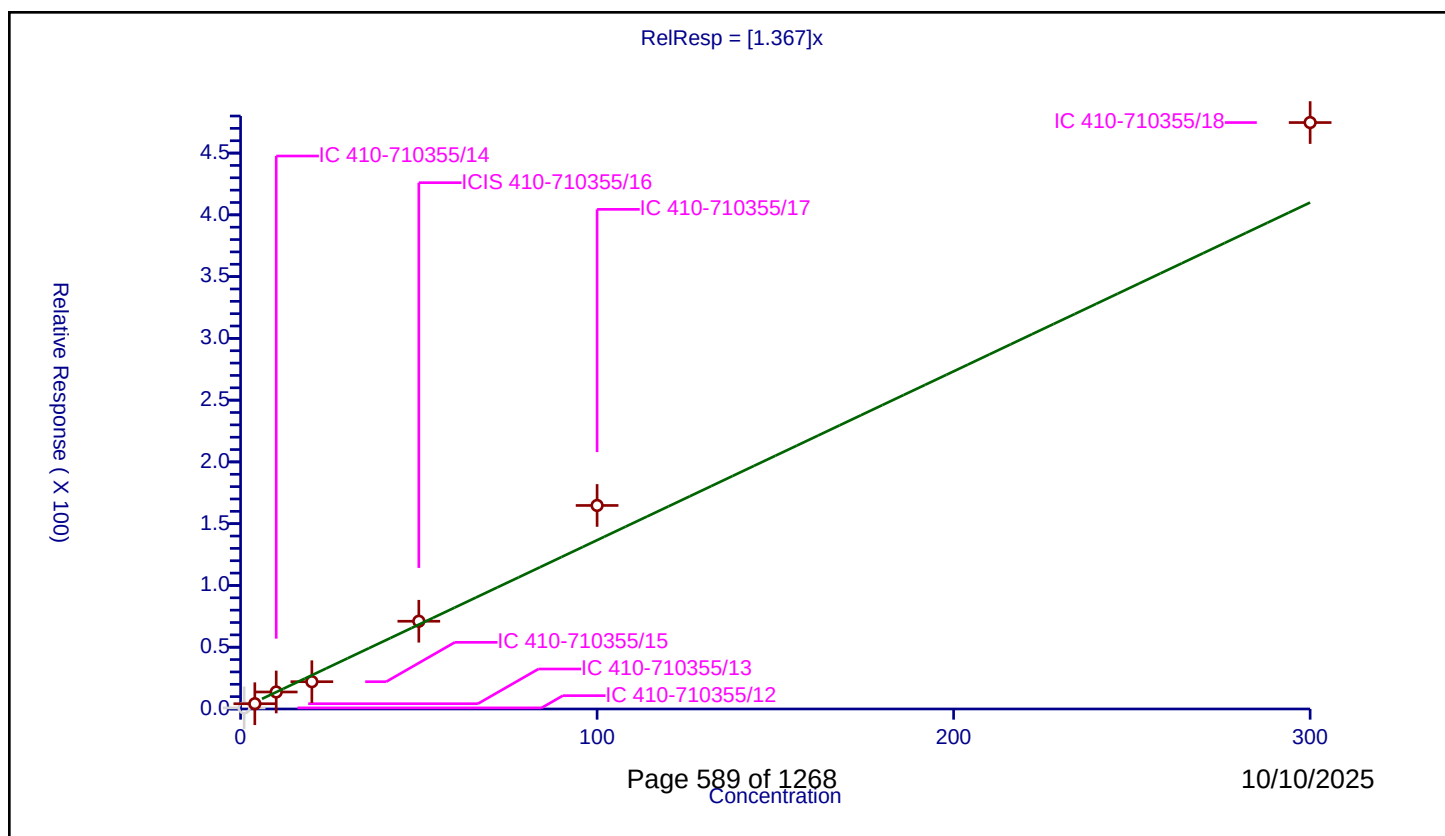
Curve Coefficients

Intercept: 0
Slope: 1.367

Error Coefficients

Relative Standard Deviation: 17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.889498	50.0	916528.0	0.889498	N
2	IC 410-710355/13	4.0	4.265688	50.0	1017456.0	1.066422	Y
3	IC 410-710355/14	10.0	13.77126	50.0	1227916.0	1.377126	Y
4	IC 410-710355/15	20.0	22.103944	50.0	909487.0	1.105197	Y
5	ICIS 410-710355/16	50.0	71.036297	50.0	897696.0	1.420726	Y
6	IC 410-710355/17	100.0	164.746696	50.0	961334.0	1.647467	Y
7	IC 410-710355/18	300.0	474.717209	50.0	1096127.0	1.582391	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

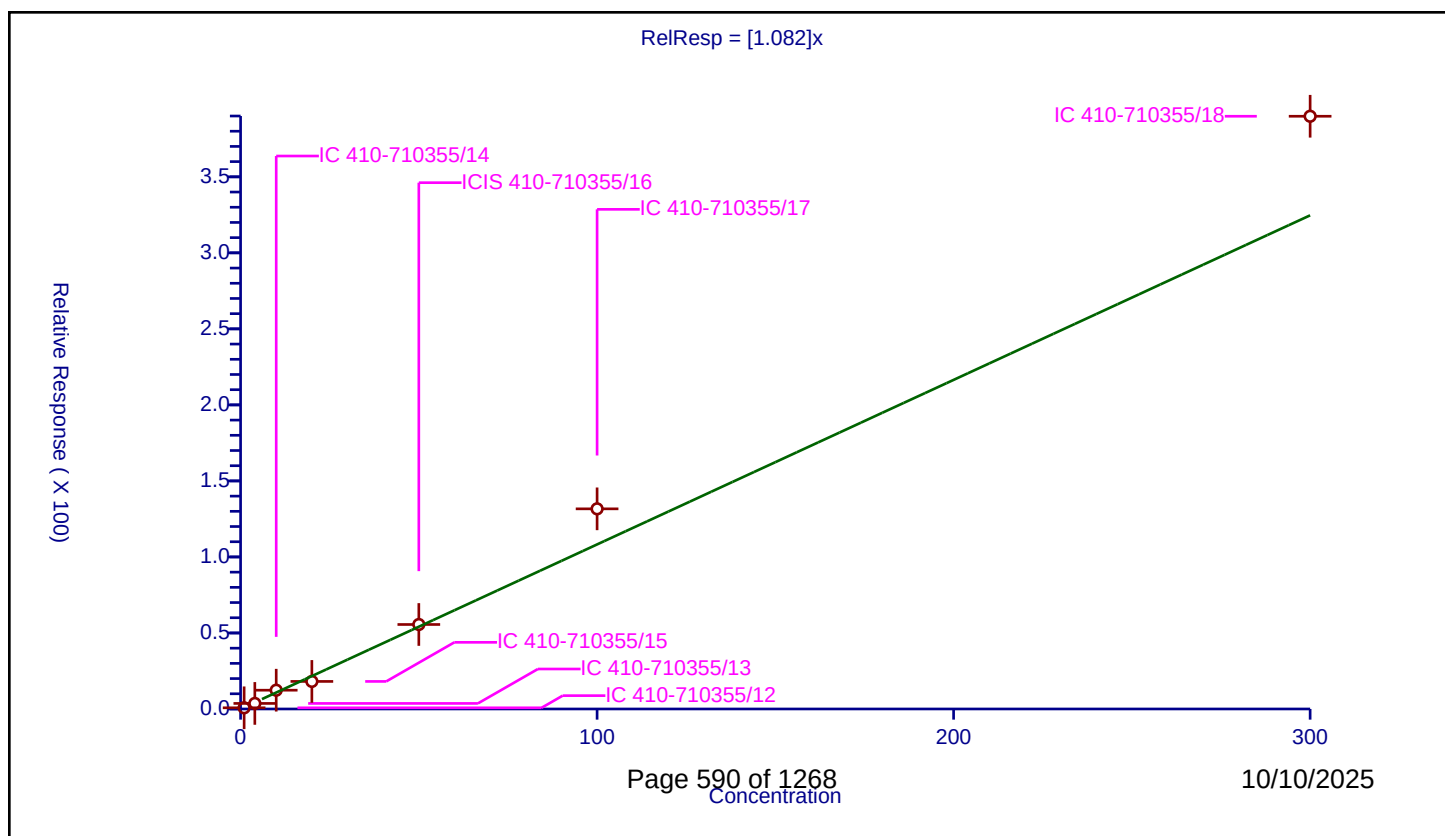
Curve Coefficients

Intercept: 0
Slope: 1.082

Error Coefficients

Relative Standard Deviation: 19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.788956	50.0	916528.0	0.788956	Y
2	IC 410-710355/13	4.0	3.664434	50.0	1017456.0	0.916108	Y
3	IC 410-710355/14	10.0	12.364404	50.0	1227916.0	1.23644	Y
4	IC 410-710355/15	20.0	18.133959	50.0	909487.0	0.906698	Y
5	ICIS 410-710355/16	50.0	55.579339	50.0	897696.0	1.111587	Y
6	IC 410-710355/17	100.0	131.645037	50.0	961334.0	1.31645	Y
7	IC 410-710355/18	300.0	389.850401	50.0	1096127.0	1.299501	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

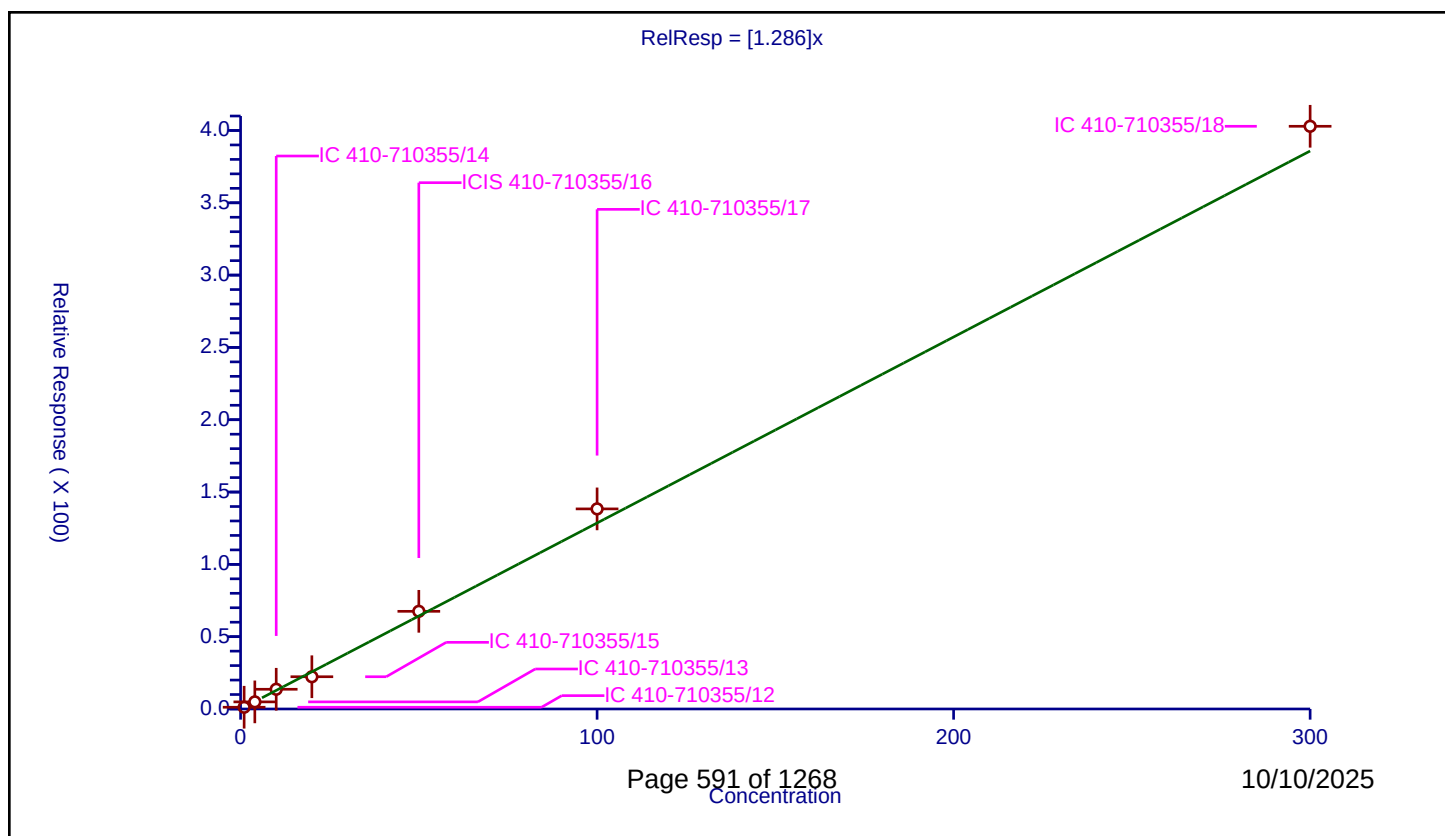
Curve Coefficients

Intercept: 0
Slope: 1.286

Error Coefficients

Relative Standard Deviation: 7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.216275	50.0	916528.0	1.216275	Y
2	IC 410-710355/13	4.0	4.919426	50.0	1017456.0	1.229857	Y
3	IC 410-710355/14	10.0	13.639288	50.0	1227916.0	1.363929	Y
4	IC 410-710355/15	20.0	22.298889	50.0	909487.0	1.114944	Y
5	ICIS 410-710355/16	50.0	67.537563	50.0	897696.0	1.350751	Y
6	IC 410-710355/17	100.0	138.348899	50.0	961334.0	1.383489	Y
7	IC 410-710355/18	300.0	402.903131	50.0	1096127.0	1.34301	Y



Calibration

/ o-diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

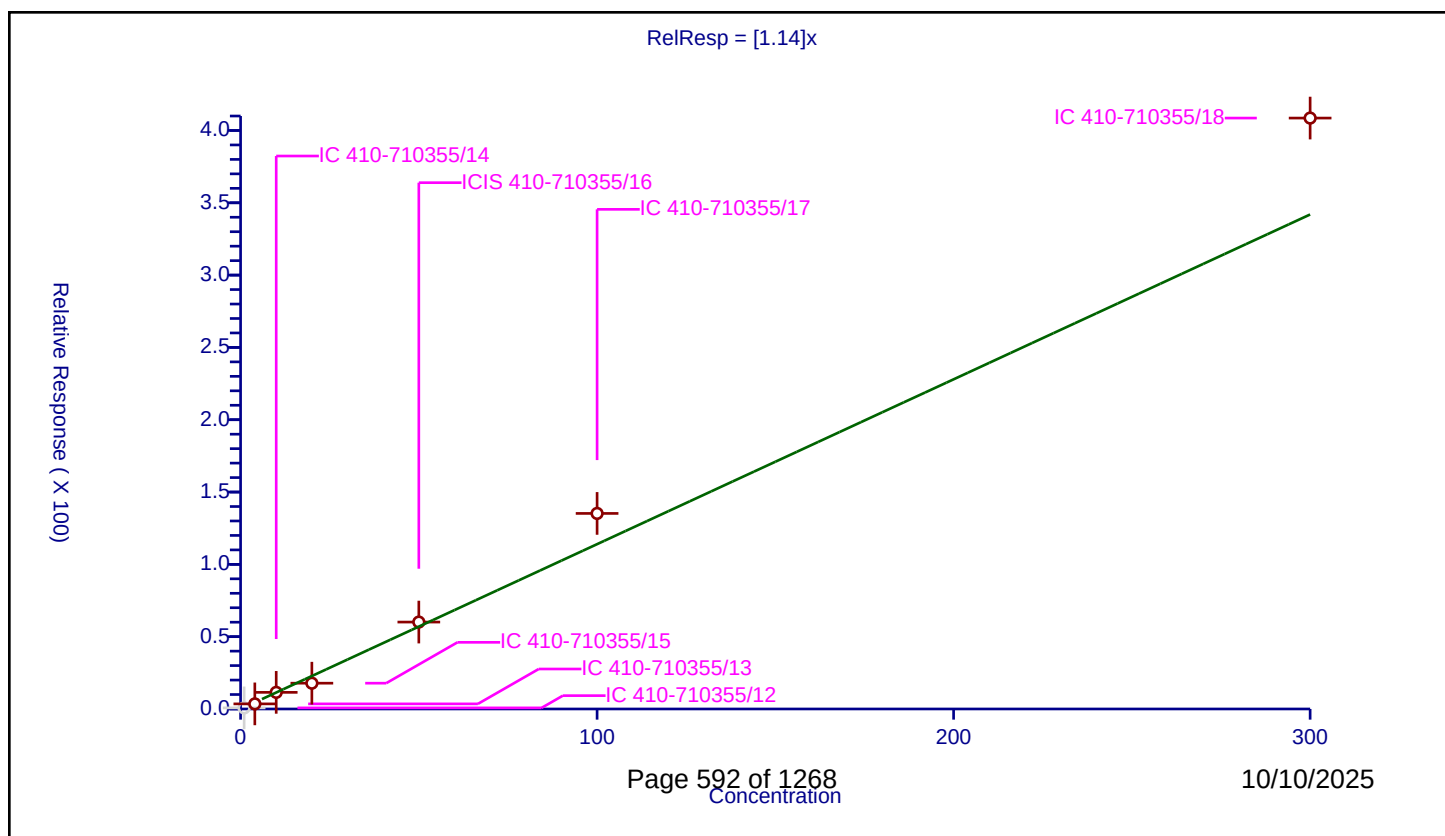
Curve Coefficients

Intercept: 0
Slope: 1.14

Error Coefficients

Relative Standard Deviation: 18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.757096	50.0	916528.0	0.757096	N
2	IC 410-710355/13	4.0	3.523543	50.0	1017456.0	0.880886	Y
3	IC 410-710355/14	10.0	11.493498	50.0	1227916.0	1.14935	Y
4	IC 410-710355/15	20.0	17.838298	50.0	909487.0	0.891915	Y
5	ICIS 410-710355/16	50.0	60.101749	50.0	897696.0	1.202035	Y
6	IC 410-710355/17	100.0	135.209251	50.0	961334.0	1.352093	Y
7	IC 410-710355/18	300.0	408.586231	50.0	1096127.0	1.361954	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

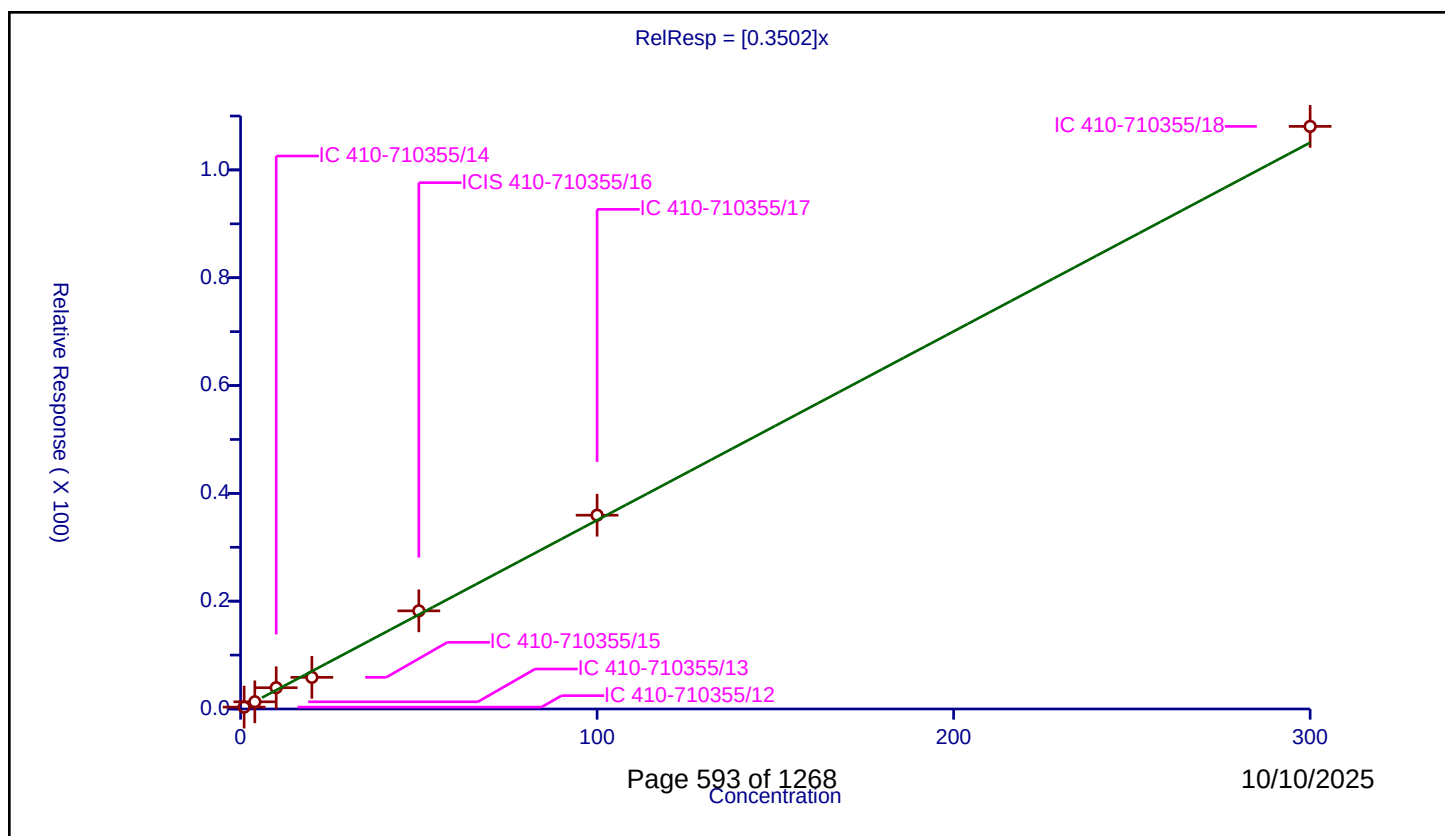
Curve Coefficients

Intercept: 0
Slope: 0.3502

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.346525	50.0	916528.0	0.346525	Y
2	IC 410-710355/13	4.0	1.33249	50.0	1017456.0	0.333123	Y
3	IC 410-710355/14	10.0	3.946035	50.0	1227916.0	0.394604	Y
4	IC 410-710355/15	20.0	5.869078	50.0	909487.0	0.293454	Y
5	ICIS 410-710355/16	50.0	18.206609	50.0	897696.0	0.364132	Y
6	IC 410-710355/17	100.0	35.946092	50.0	961334.0	0.359461	Y
7	IC 410-710355/18	300.0	108.073836	50.0	1096127.0	0.360246	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

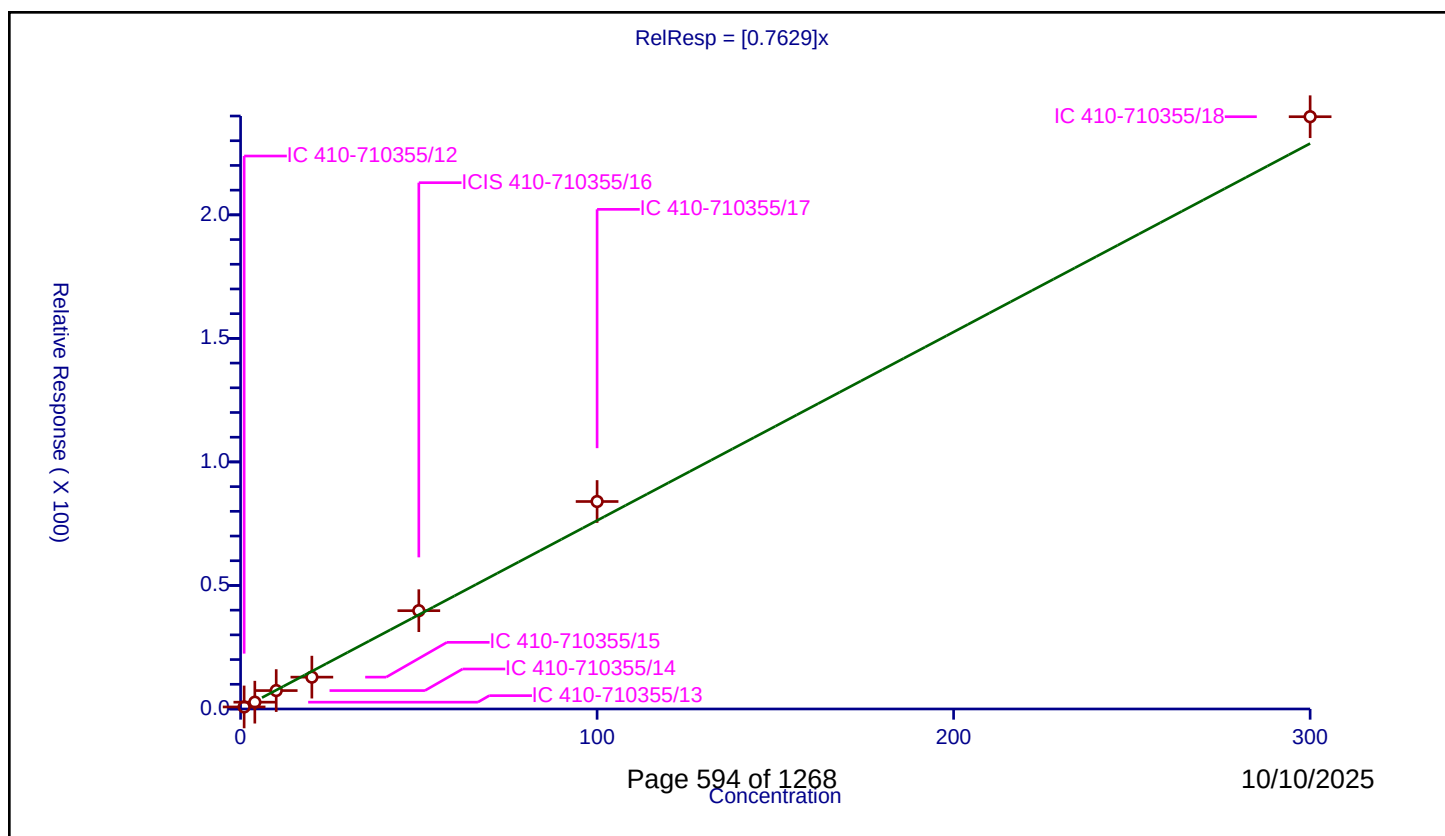
Curve Coefficients

Intercept: 0
Slope: 0.7629

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.826925	50.0	916528.0	0.826925	Y
2	IC 410-710355/13	4.0	2.758203	50.0	1017456.0	0.689551	Y
3	IC 410-710355/14	10.0	7.447904	50.0	1227916.0	0.74479	Y
4	IC 410-710355/15	20.0	12.892763	50.0	909487.0	0.644638	Y
5	ICIS 410-710355/16	50.0	39.783401	50.0	897696.0	0.795668	Y
6	IC 410-710355/17	100.0	83.977057	50.0	961334.0	0.839771	Y
7	IC 410-710355/18	300.0	239.723955	50.0	1096127.0	0.79908	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

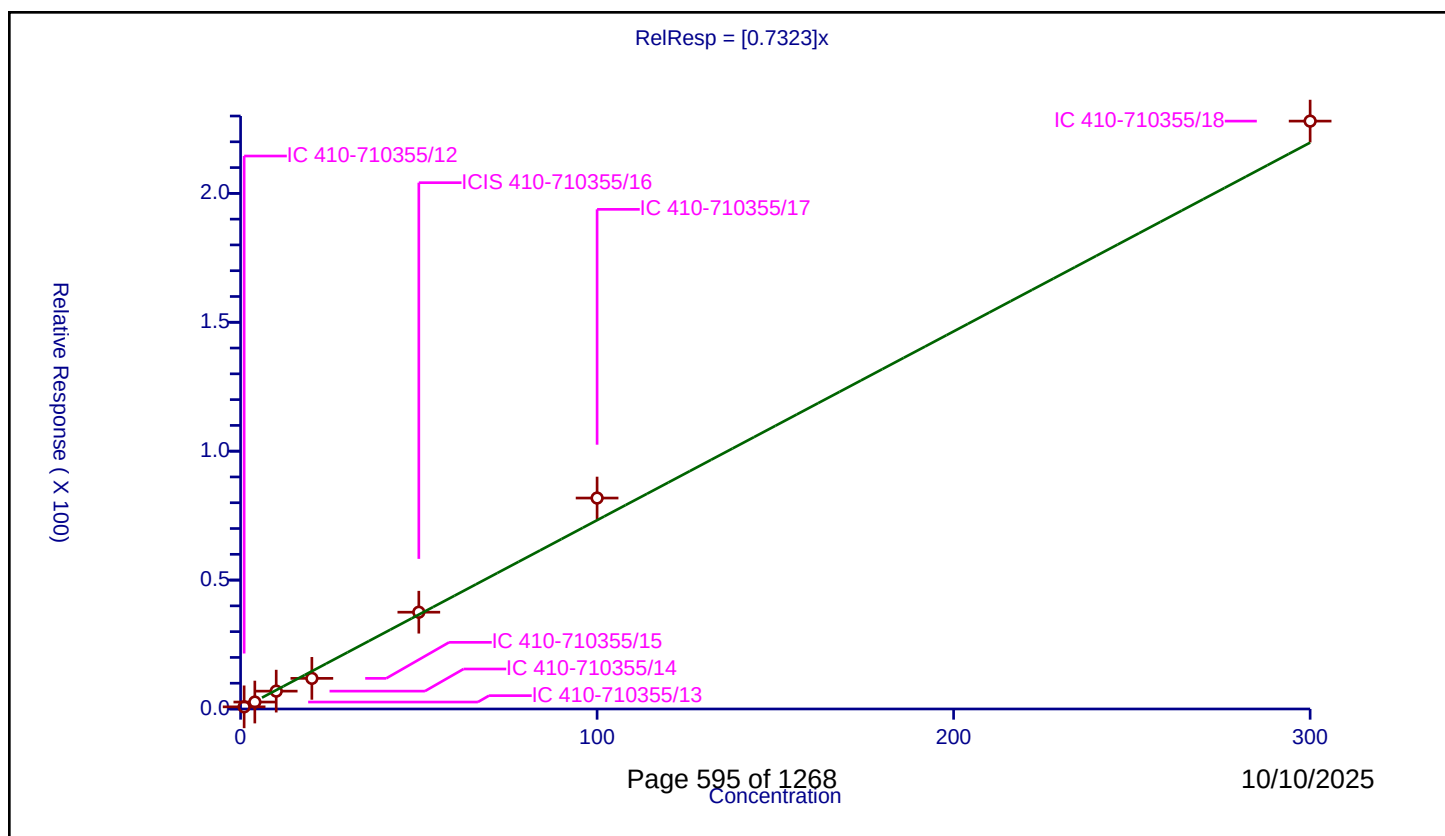
Curve Coefficients

Intercept: 0
Slope: 0.7323

Error Coefficients

Relative Standard Deviation: 11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.837018	50.0	916528.0	0.837018	Y
2	IC 410-710355/13	4.0	2.695645	50.0	1017456.0	0.673911	Y
3	IC 410-710355/14	10.0	6.920995	50.0	1227916.0	0.692099	Y
4	IC 410-710355/15	20.0	11.874331	50.0	909487.0	0.593717	Y
5	ICIS 410-710355/16	50.0	37.540827	50.0	897696.0	0.750817	Y
6	IC 410-710355/17	100.0	81.824319	50.0	961334.0	0.818243	Y
7	IC 410-710355/18	300.0	228.028413	50.0	1096127.0	0.760095	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

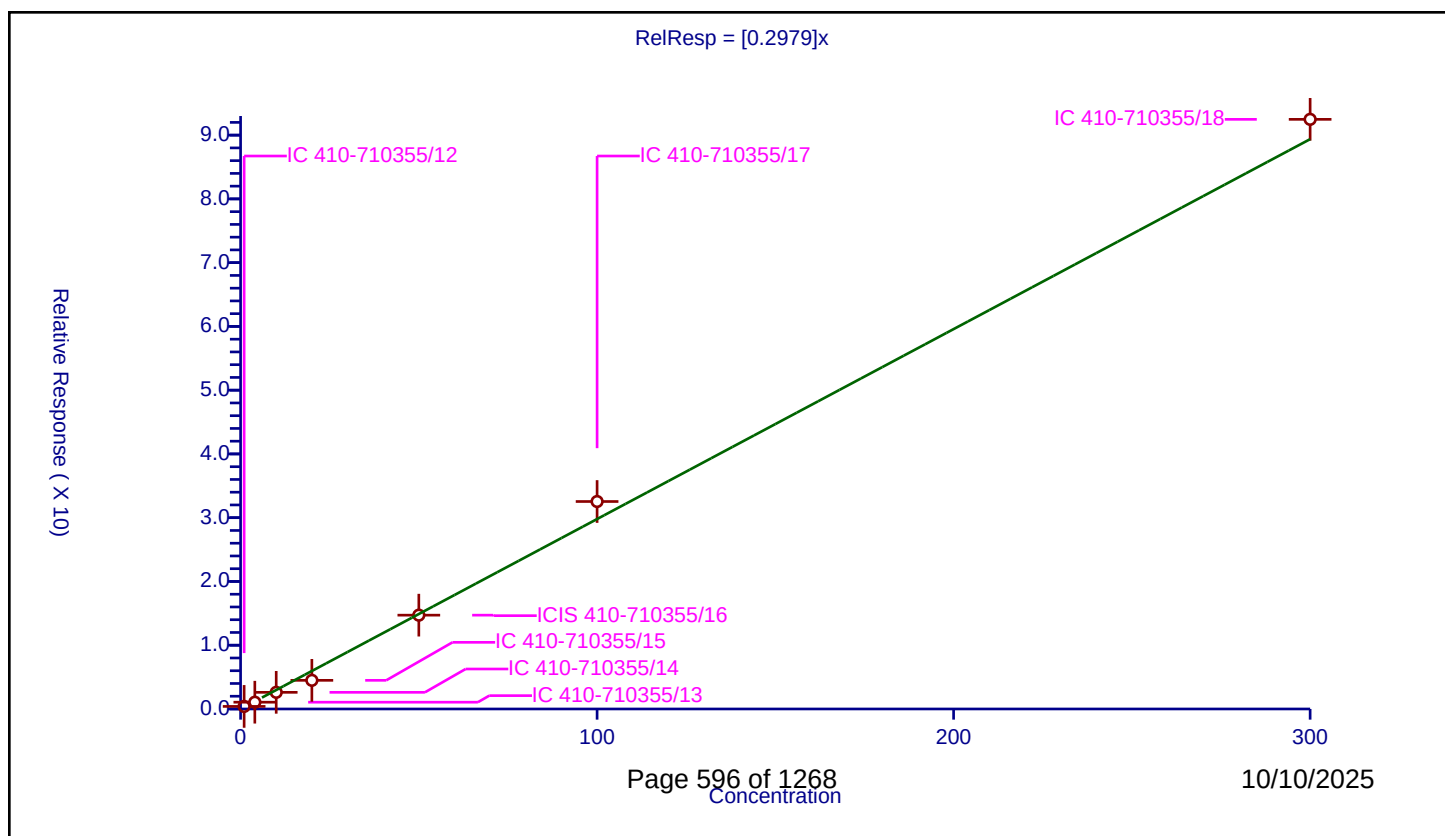
Curve Coefficients

Intercept: 0
Slope: 0.2979

Error Coefficients

Relative Standard Deviation: 19.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.405116	50.0	916528.0	0.405116	Y
2	IC 410-710355/13	4.0	1.065599	50.0	1017456.0	0.2664	Y
3	IC 410-710355/14	10.0	2.611172	50.0	1227916.0	0.261117	Y
4	IC 410-710355/15	20.0	4.493137	50.0	909487.0	0.224657	Y
5	ICIS 410-710355/16	50.0	14.714837	50.0	897696.0	0.294297	Y
6	IC 410-710355/17	100.0	32.54202	50.0	961334.0	0.32542	Y
7	IC 410-710355/18	300.0	92.478472	50.0	1096127.0	0.308262	Y



Calibration

/ Naphthalene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

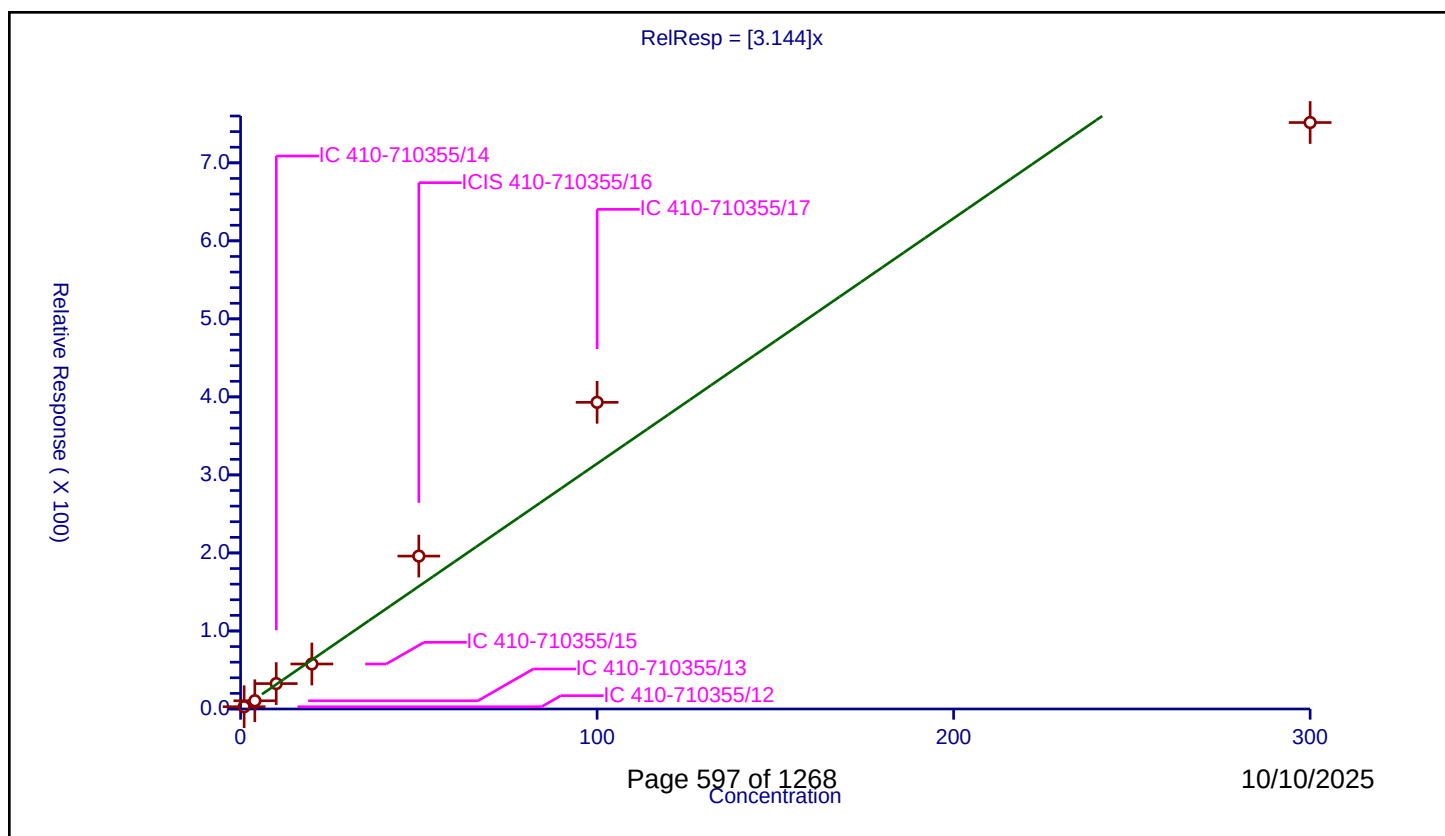
Curve Coefficients

Intercept: 0
 Slope: 3.144

Error Coefficients

Relative Standard Deviation: 18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	2.879672	50.0	916528.0	2.879672	Y
2	IC 410-710355/13	4.0	10.543109	50.0	1017456.0	2.635777	Y
3	IC 410-710355/14	10.0	32.560737	50.0	1227916.0	3.256074	Y
4	IC 410-710355/15	20.0	57.683672	50.0	909487.0	2.884184	Y
5	ICIS 410-710355/16	50.0	195.972801	50.0	897696.0	3.919456	Y
6	IC 410-710355/17	100.0	393.034679	50.0	961334.0	3.930347	Y
7	IC 410-710355/18	300.0	751.647026	50.0	1096127.0	2.50549	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

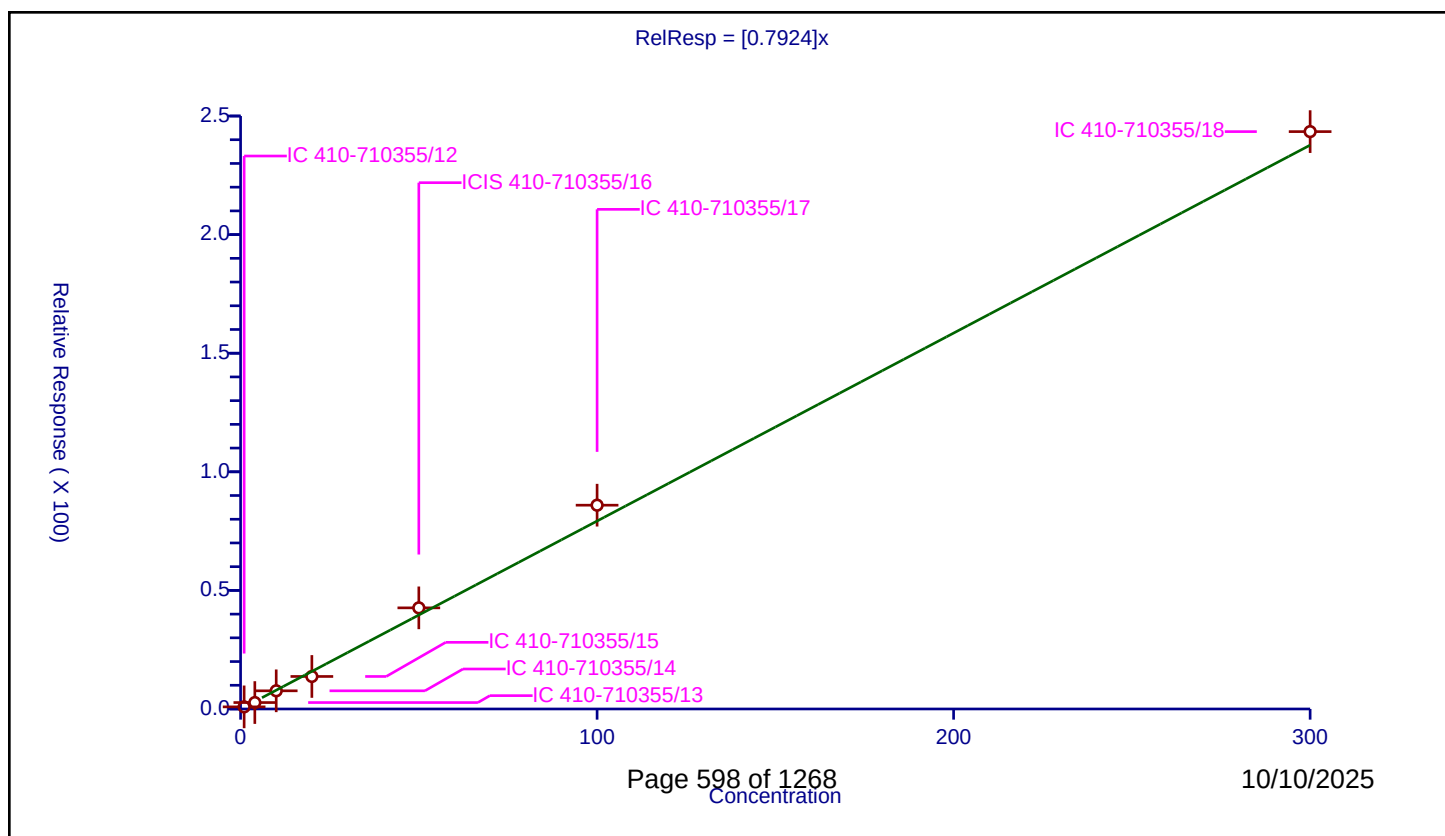
Curve Coefficients

Intercept: 0
Slope: 0.7924

Error Coefficients

Relative Standard Deviation: 10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	0.893972	50.0	916528.0	0.893972	Y
2	IC 410-710355/13	4.0	2.713189	50.0	1017456.0	0.678297	Y
3	IC 410-710355/14	10.0	7.656428	50.0	1227916.0	0.765643	Y
4	IC 410-710355/15	20.0	13.712071	50.0	909487.0	0.685604	Y
5	ICIS 410-710355/16	50.0	42.635703	50.0	897696.0	0.852714	Y
6	IC 410-710355/17	100.0	85.921334	50.0	961334.0	0.859213	Y
7	IC 410-710355/18	300.0	243.428134	50.0	1096127.0	0.811427	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

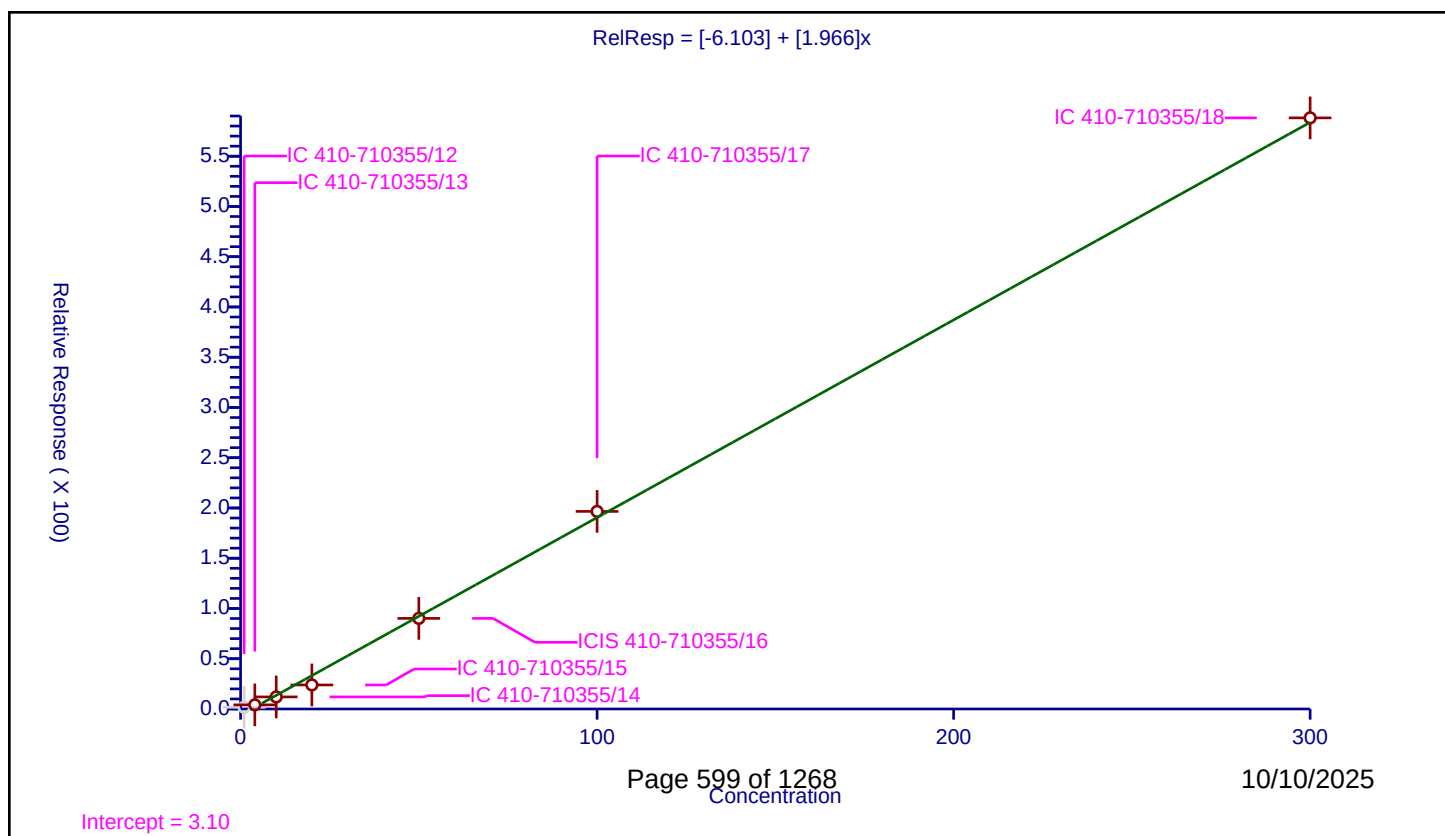
Curve Coefficients

Intercept: -6.103
 Slope: 1.966

Error Coefficients

Relative Standard Deviation: 19.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-710355/12	1.0	1.692092	50.0	916528.0	1.692092	N
2	IC 410-710355/13	4.0	4.102634	50.0	1017456.0	1.025659	Y
3	IC 410-710355/14	10.0	11.998337	50.0	1227916.0	1.199834	Y
4	IC 410-710355/15	20.0	23.926785	50.0	909487.0	1.196339	Y
5	ICIS 410-710355/16	50.0	90.154518	50.0	897696.0	1.80309	Y
6	IC 410-710355/17	100.0	196.590519	50.0	961334.0	1.965905	Y
7	IC 410-710355/18	300.0	588.143618	50.0	1096127.0	1.960479	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/3	5G11X02.D
Level 2	IC 410-683596/4	5G11X03.D
Level 3	IC 410-683596/5	5G11X04.D
Level 4	IC 410-683596/6	5G11X05.D
Level 5	IC 410-683596/7	5G11X06.D
Level 6	IC 410-683596/8	5G11X07.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.2417 0.2493	0.2723	0.2758	0.2684	0.2435	Ave		0.258 5				6.0		20.0			
Chlorodifluoromethane	7.2640 6.7967	6.9977	7.1112	6.8702	6.8772	Ave		6.986 1				2.5		20.0			
Freon 133a	0.3725 0.3721	0.3734	0.3933	0.3753	0.3616	Ave		0.374 7				2.8		20.0			
Ethanol	0.0700 0.0635	0.0624	0.0625	0.0607	0.0623	Ave		0.063 6				5.1		20.0			
Acetonitrile	0.9806 0.8580	0.8959	0.9377	0.9185	0.9629	Ave		0.925 6				4.8		20.0			
Vinyl acetate	0.6093 0.6602	0.6228	0.6796	0.6761	0.7433	Ave		0.665 2				7.2		20.0			
Ethyl acetate	0.3580 0.3848	0.3636	0.3993	0.3924	0.4203	Ave		0.386 4				6.0		20.0			
Isopropyl acetate	0.6366 0.6695	0.6294	0.6859	0.6825	0.7447	Ave		0.674 8				6.1		20.0			
n-Propyl acetate	0.1264 0.1452	0.1206	0.1415	0.1449	0.1576	Ave		0.139 4				9.7		20.0			
3,4-Dichloro-1-butene	0.3309 0.3830	0.3604	0.3843	0.3908	0.4113	Ave		0.376 8				7.4		20.0			
Butyl acetate	0.6869 0.7496	0.7347	0.7854	0.7818	0.8450	Ave		0.763 9				7.0		20.0			
cis-1,4-Dichloro-2-butene	0.1693 0.1973	0.1783	0.1991	0.2018	0.2145	Ave		0.193 4				8.6		20.0			
2,3,4-Trichlorobutene	0.5399 0.6520	0.5537	0.6362	0.6553	0.6931	Ave		0.621 7				9.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/3	5G11X02.D
Level 2	IC 410-683596/4	5G11X03.D
Level 3	IC 410-683596/5	5G11X04.D
Level 4	IC 410-683596/6	5G11X05.D
Level 5	IC 410-683596/7	5G11X06.D
Level 6	IC 410-683596/8	5G11X07.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	21837 1626852	59450	122081	295327	532126	4.00 300	10.0	20.0	50.0	100
Chlorodifluoromethane	TBA d1 0	Ave	47564 3225289	112915	228478	552537	1041428	4.00 300	10.0	20.0	50.0	100
Freon 133a	FB	Ave	33661 2427832	81515	174078	412966	790270	4.00 300	10.0	20.0	50.0	100
Ethanol	TBA d1 0	Ave	28642 753190	50381	100340	122142	235718	250 7500	500	1000	1250	2500
Acetonitrile	TBA d1 0	Ave	32105 2035673	72280	150644	369368	729087	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	55060 4307585	135969	300761	743892	1624476	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	32354 2510885	79373	176731	431698	918538	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	57531 4368565	137405	303562	750918	1627486	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	11422 947608	26337	62608	159403	344366	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZ d5	Ave	21329 1834612	56121	121539	307721	650652	4.00 300	10.00	20.0	50.0	100.0
Butyl acetate	CBZ d5	Ave	44282 3591885	114438	248476	615817	1337103	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZ d5	Ave	10912 945112	27768	62965	158896	339403	4.00 300	10.00	20.0	50.0	100.0
2,3,4-Trichlorobutene	DCB d4	Ave	20577 1780133	51312	118918	302872	632297	4.00 300	10.00	20.0	50.0	100.0
Pentachloroethane	DCB d4	Ave	15191 1291132	37013	84247	208298	424110	4.00 300	10.0	20.0	50.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Curve Type Legend:

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 15:55 Calibration End Date: 08/11/2025 17:37 Calibration ID: 75612

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/3	5G11X02.D
Level 2	IC 410-683596/4	5G11X03.D
Level 3	IC 410-683596/5	5G11X04.D
Level 4	IC 410-683596/6	5G11X05.D
Level 5	IC 410-683596/7	5G11X06.D
Level 6	IC 410-683596/8	5G11X07.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorotrifluoroethene	-6.5	5.3	6.7	3.8	-5.8	-3.5	50	30	30	30	30	30
Chlorodifluoromethane	4.0	0.2	1.8	-1.7	-1.6	-2.7	50	30	30	30	30	30
Freon 133a	-0.6	-0.4	5.0	0.2	-3.5	-0.7	50	30	30	30	30	30
Ethanol	10.1	-1.8	-1.7	-4.4	-2.0	-0.1	50	30	30	30	30	30
Acetonitrile	5.9	-3.2	1.3	-0.8	4.0	-7.3	50	30	30	30	30	30
Vinyl acetate	-8.4	-6.4	2.2	1.6	11.7	-0.8	50	30	30	30	30	30
Ethyl acetate	-7.3	-5.9	3.3	1.5	8.8	-0.4	50	30	30	30	30	30
Isopropyl acetate	-5.6	-6.7	1.6	1.1	10.4	-0.8	50	30	30	30	30	30
n-Propyl acetate	-9.3	-13.4	1.5	4.0	13.1	4.2	50	30	30	30	30	30
3,4-Dichloro-1-butene	-12.2	-4.4	2.0	3.7	9.2	1.7	50	30	30	30	30	30
Butyl acetate	-10.1	-3.8	2.8	2.3	10.6	-1.9	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-12.5	-7.8	2.9	4.3	10.9	2.0	50	30	30	30	30	30
2,3,4-Trichlorobutene	-13.2	-10.9	2.3	5.4	11.5	4.9	50	30	30	30	30	30
Pentachloroethane	-9.3	-9.1	2.5	2.5	5.8	7.6	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X02.D
 Lims ID: IC sm v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Aug-2025 15:55:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-003
 Misc. Info.: IC SM V4
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:40 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:04:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.531	1.537	-0.006	95	21837	4.00	3.74	
2 Chlorodifluoromethane	51	1.592	1.586	0.006	53	47564	4.00	4.16	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.884	1.927	-0.043	51	33661	4.00	3.98	M
14 Ethanol	45	2.555	2.549	0.006	83	28642	250.0	275.3	
27 Acetonitrile	41	3.201	3.183	0.018	95	32105	20.0	21.2	
* 29 t-Butyl alcohol-d10 (IS)	65	3.445	3.439	0.006	31	409246	250.0	250.0	
37 Vinyl acetate	43	4.335	4.323	0.012	96	55060	4.00	3.66	
41 Ethyl acetate	43	5.268	5.262	0.006	99	32354	4.00	3.71	
61 Isopropyl acetate	43	6.585	6.572	0.013	97	57531	4.00	3.77	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	99	1129566	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	11422	4.00	3.63	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	89	21329	4.00	3.51	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	44282	4.00	3.60	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	805853	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.639	11.638	0.001	0	10912	4.00	3.50	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	20577	4.00	3.47	
155 Pentachloroethane	167	12.358	12.358	0.000	90	15191	4.00	3.63	
* 163 1,4-Dichlorobenzene-d4	152	12.651	12.656	-0.005	95	476582	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 2.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 1.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 10.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 2.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 2.00	Units: uL

Report Date: 12-Aug-2025 14:05:42

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X02.D

Injection Date: 11-Aug-2025 15:55:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v4

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

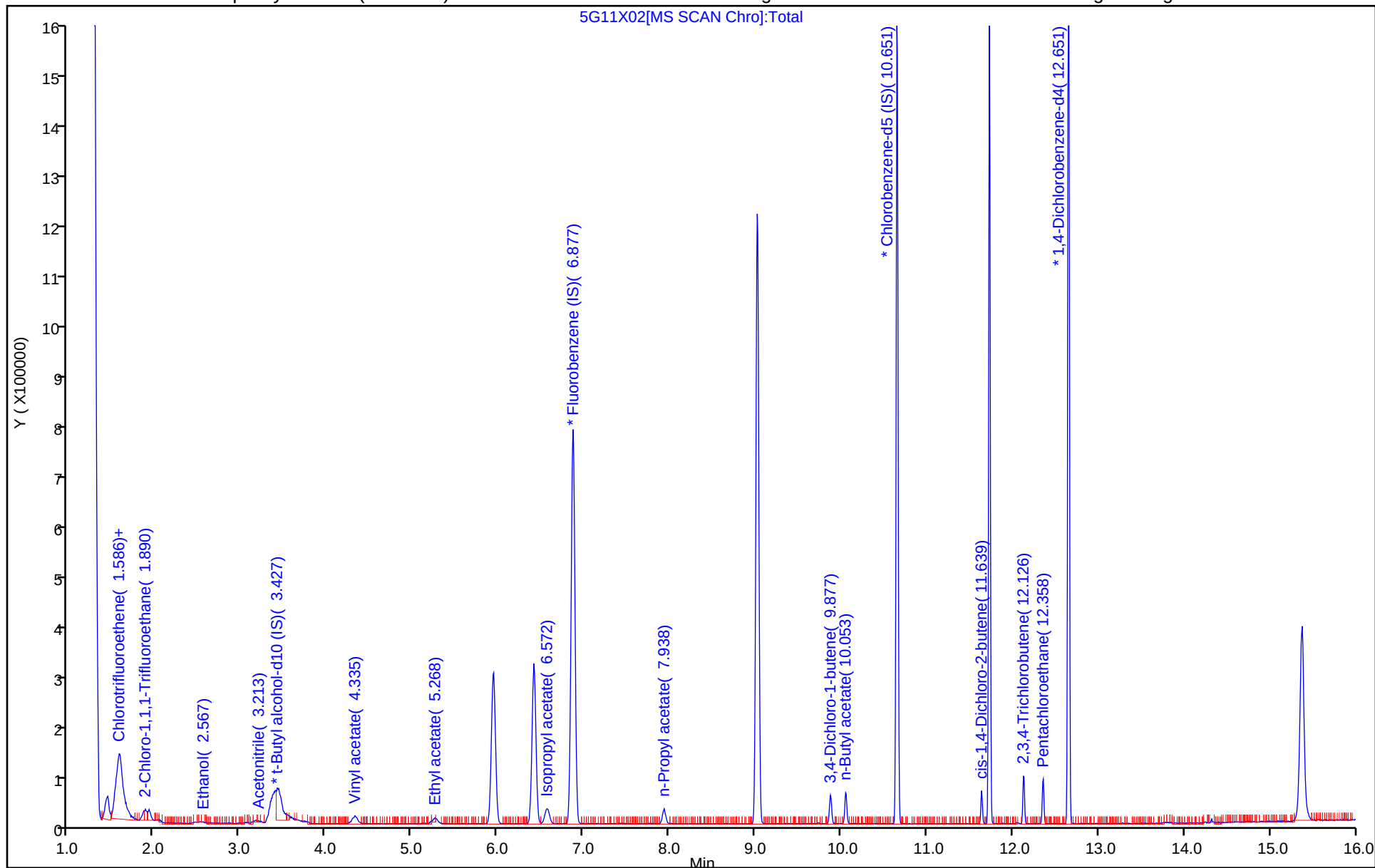
ALS Bottle#: 2

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

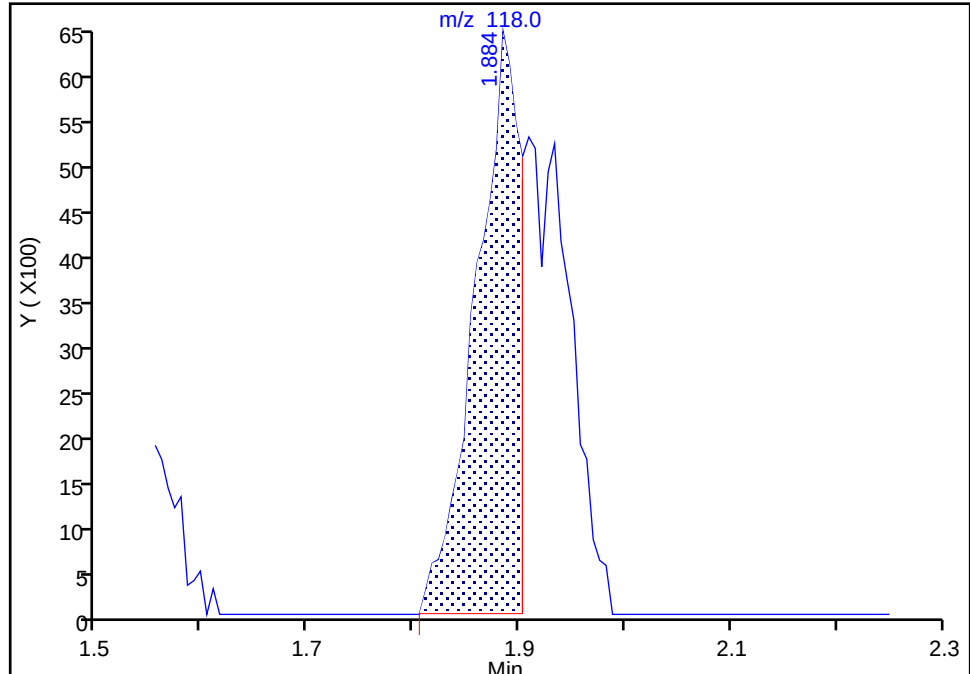
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X02.D
Injection Date: 11-Aug-2025 15:55:30 Instrument ID: 26285
Lims ID: IC sm v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

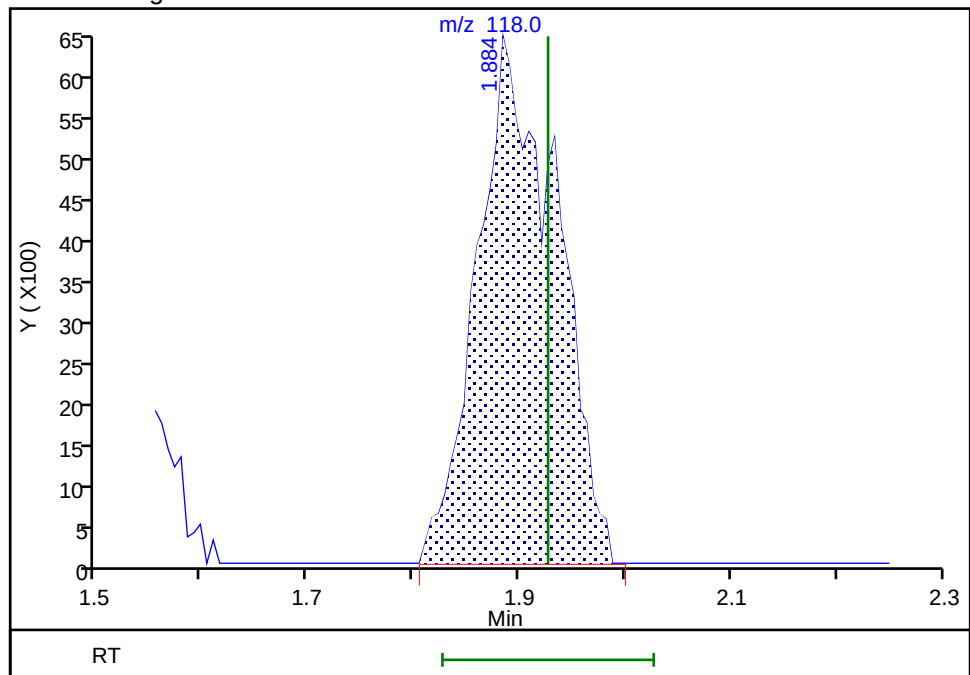
RT: 1.88
Area: 18689
Amount: 2.383430
Amount Units: ug/l

Processing Integration Results



RT: 1.88
Area: 33661
Amount: 3.976467
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:04:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X03.D
 Lims ID: IC sm v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Aug-2025 16:15:30 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-004
 Misc. Info.: IC SM V10
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:45 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:03:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.531	1.537	-0.006	93	59450	10.0	10.5	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	112915	10.0	10.0	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.921	1.927	-0.006	36	81515	10.0	9.96	M
14 Ethanol	45	2.482	2.549	-0.067	72	50381	500.0	491.2	M
27 Acetonitrile	41	3.183	3.183	0.000	98	72280	50.0	48.4	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	29	403402	250.0	250.0	
37 Vinyl acetate	43	4.323	4.323	0.000	97	135969	10.0	9.36	
41 Ethyl acetate	43	5.262	5.262	0.000	99	79373	10.0	9.41	
61 Isopropyl acetate	43	6.566	6.572	-0.006	98	137405	10.0	9.33	
* 63 Fluorobenzene (IS)	96	6.871	6.883	-0.012	99	1091566	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	26337	10.0	8.66	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	89	56121	10.0	9.56	
99 n-Butyl acetate	43	10.053	10.053	0.000	97	114438	10.0	9.62	
* 128 Chlorobenzene-d5 (IS)	117	10.651	10.657	-0.006	86	778855	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	27768	10.0	9.22	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	51312	10.0	8.90	
155 Pentachloroethane	167	12.358	12.358	0.000	90	37013	10.0	9.09	
* 163 1,4-Dichlorobenzene-d4	152	12.650	12.656	-0.006	95	463527	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 2.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 1.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 8.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 2.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 2.00	Units: uL

Report Date: 12-Aug-2025 14:05:46

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X03.D

Injection Date: 11-Aug-2025 16:15:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v10

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

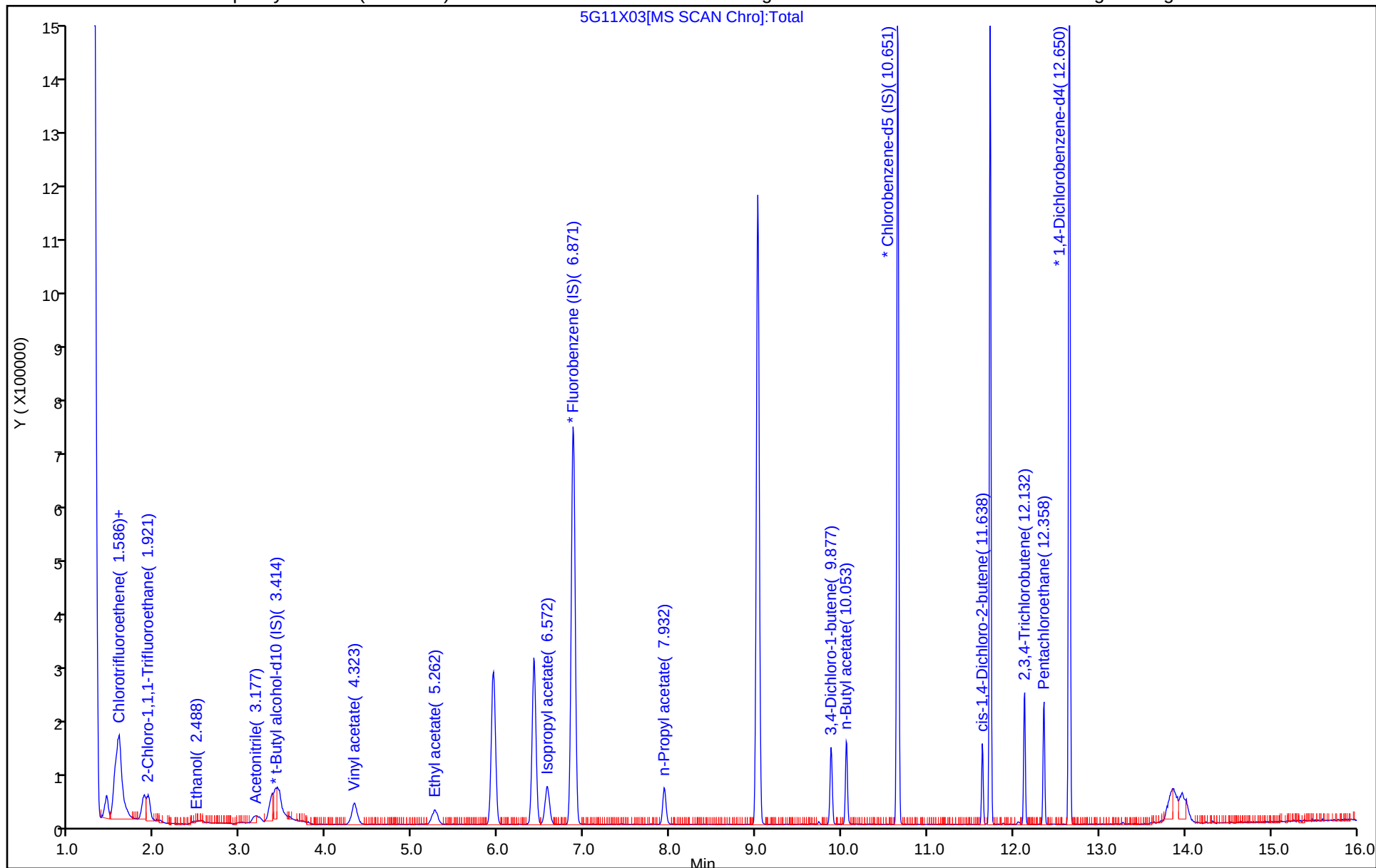
ALS Bottle#: 3

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

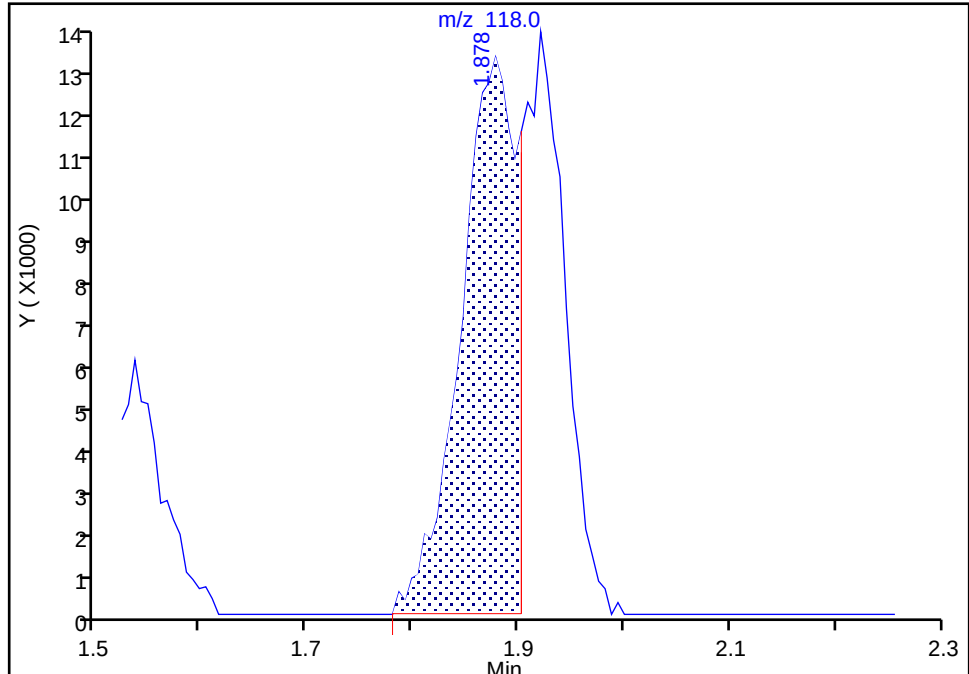
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Injection Date: 11-Aug-2025 16:15:30 Instrument ID: 26285
Lims ID: IC sm v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

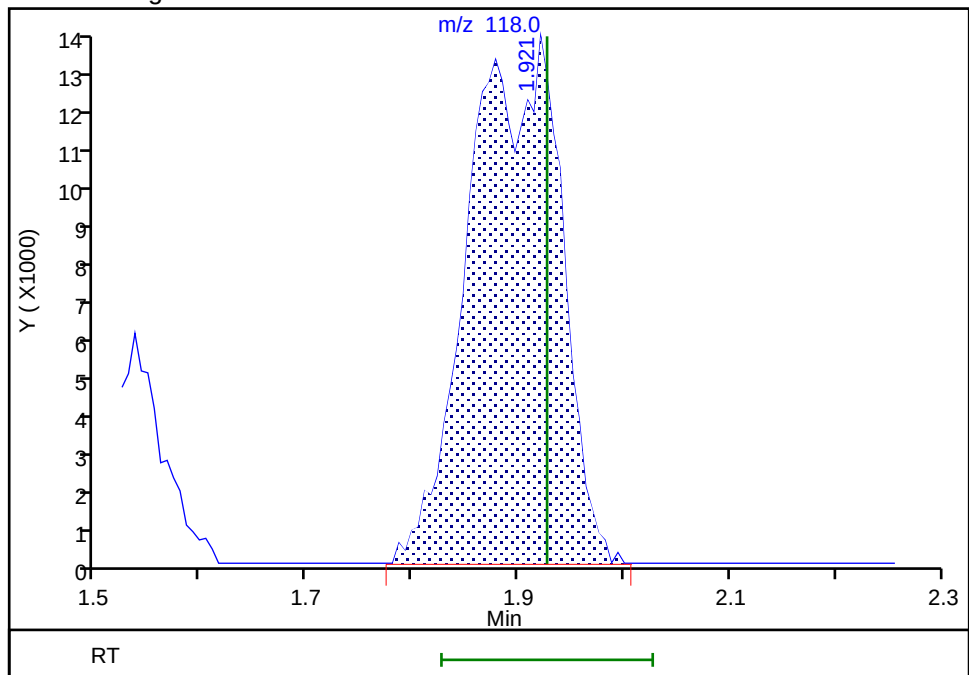
RT: 1.88
Area: 48259
Amount: 7.447664
Amount Units: ug/l

Processing Integration Results



RT: 1.92
Area: 81515
Amount: 9.964821
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:03:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

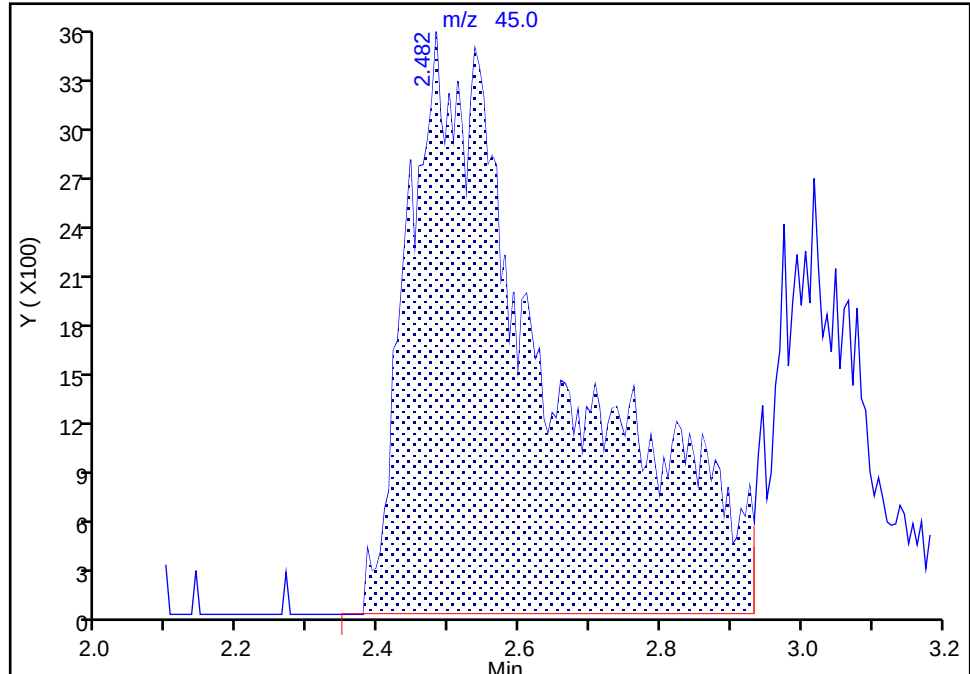
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Injection Date: 11-Aug-2025 16:15:30 Instrument ID: 26285
Lims ID: IC sm v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

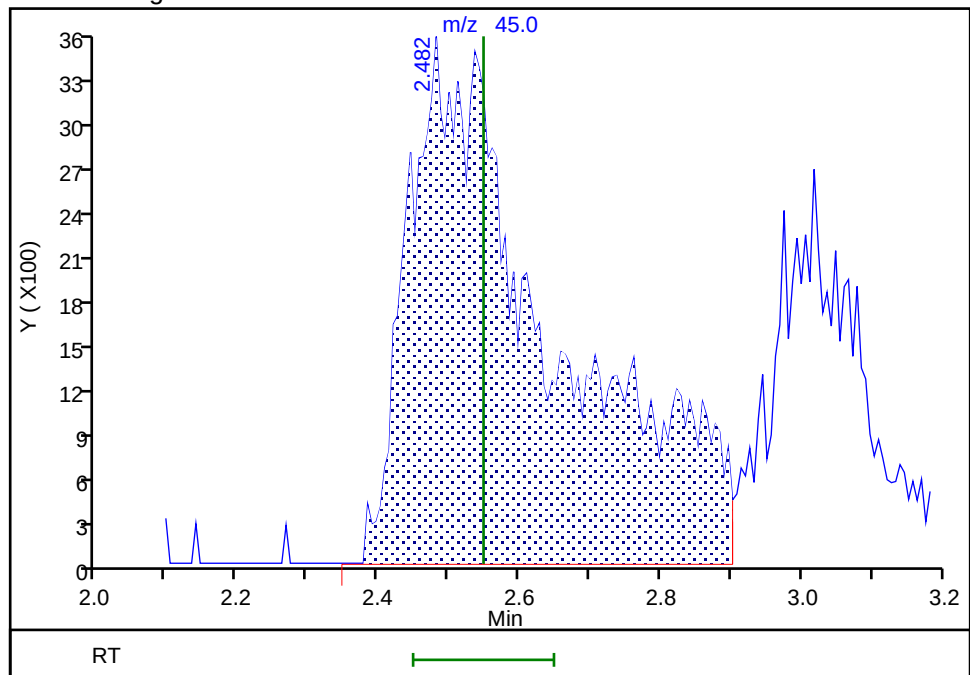
RT: 2.48
Area: 51483
Amount: 499.3111
Amount Units: ug/l

Processing Integration Results



RT: 2.48
Area: 50381
Amount: 491.1890
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:03:44 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D
 Lims ID: IC sm v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Aug-2025 16:35:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-005
 Misc. Info.: IC SM V20
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:49 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:03:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.537	1.537	0.000	93	122081	20.0	21.3	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	228478	20.0	20.4	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.921	1.927	-0.006	75	174078	20.0	21.0	M
14 Ethanol	45	2.561	2.549	0.012	96	100340	1000.0	982.6	M
27 Acetonitrile	41	3.195	3.183	0.012	99	150644	100.0	101.3	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	30	401617	250.0	250.0	
37 Vinyl acetate	43	4.323	4.323	0.000	99	300761	20.0	20.4	
41 Ethyl acetate	43	5.268	5.262	0.006	99	176731	20.0	20.7	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	303562	20.0	20.3	
* 63 Fluorobenzene (IS)	96	6.871	6.883	-0.012	98	1106456	50.0	50.0	
75 n-Propyl acetate	61	7.932	7.938	-0.006	99	62608	20.0	20.3	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	90	121539	20.0	20.4	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	248476	20.0	20.6	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	790905	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.639	11.638	0.000	0	62965	20.0	20.6	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	118918	20.0	20.5	
155 Pentachloroethane	167	12.358	12.358	0.000	91	84247	20.0	20.5	
* 163 1,4-Dichlorobenzene-d4	152	12.651	12.656	-0.006	95	467491	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 4.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 2.00	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 16.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 4.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 4.00	Units: uL

Report Date: 12-Aug-2025 14:05:51

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D

Injection Date: 11-Aug-2025 16:35:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

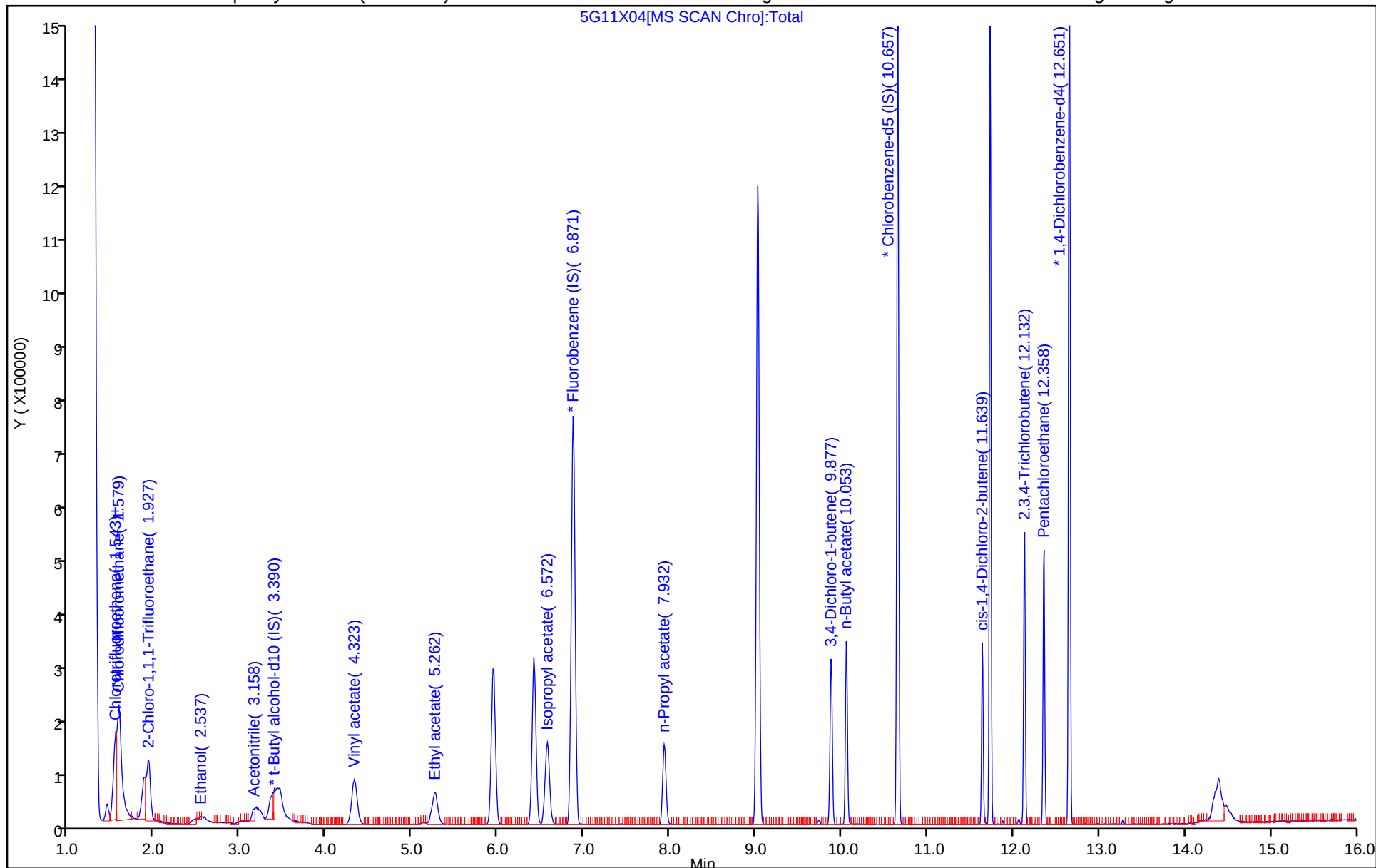
ALS Bottle#: 4

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

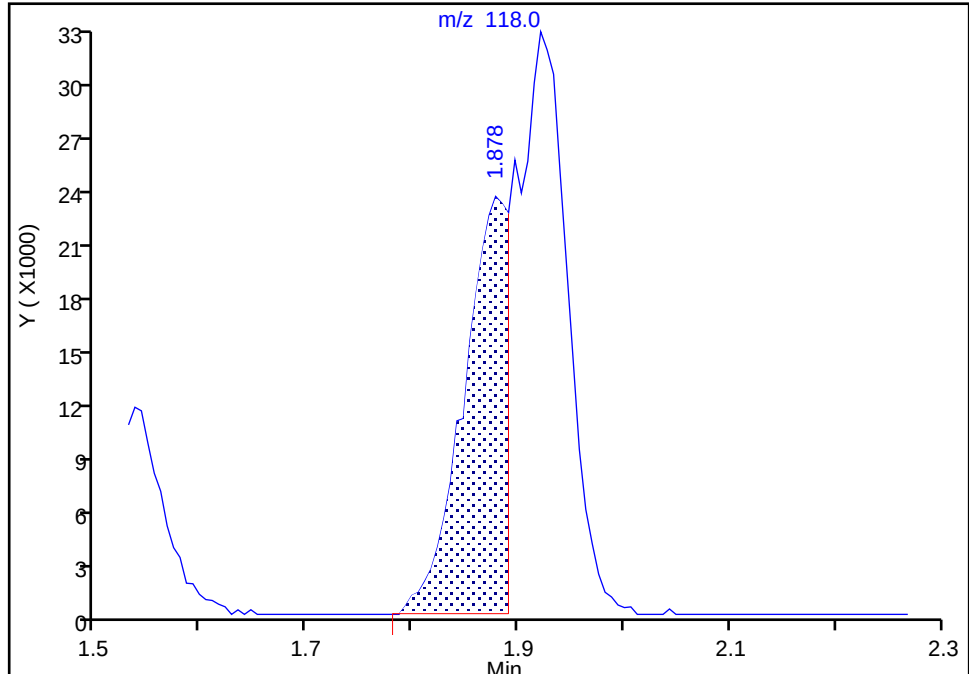
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D
Injection Date: 11-Aug-2025 16:35:30 Instrument ID: 26285
Lims ID: IC sm v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

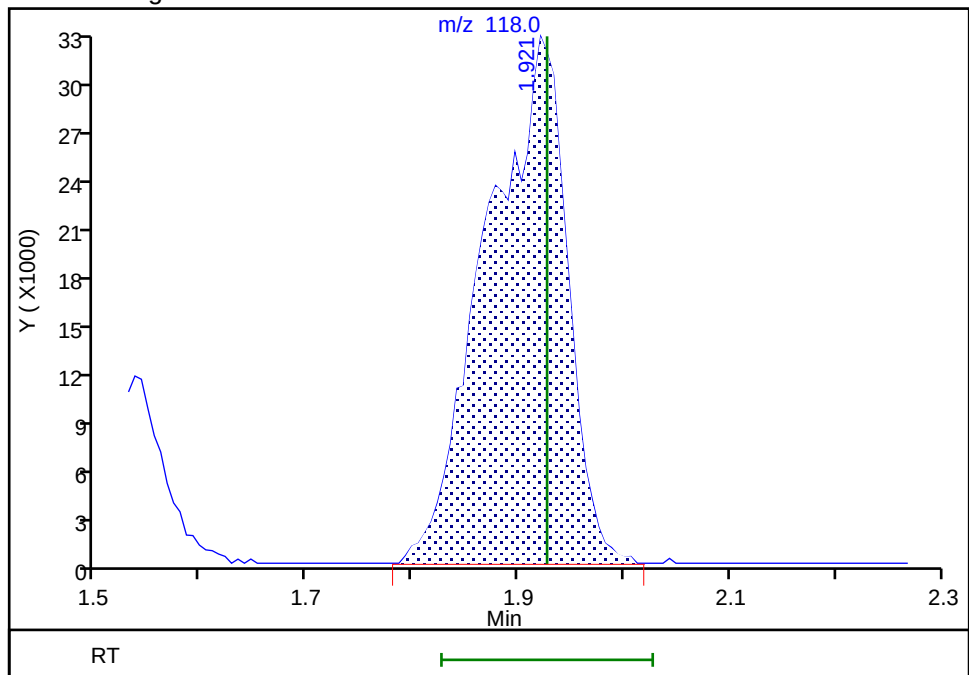
RT: 1.88
Area: 70127
Amount: 11.215460
Amount Units: ug/l

Processing Integration Results



RT: 1.92
Area: 174078
Amount: 20.993831
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:03:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

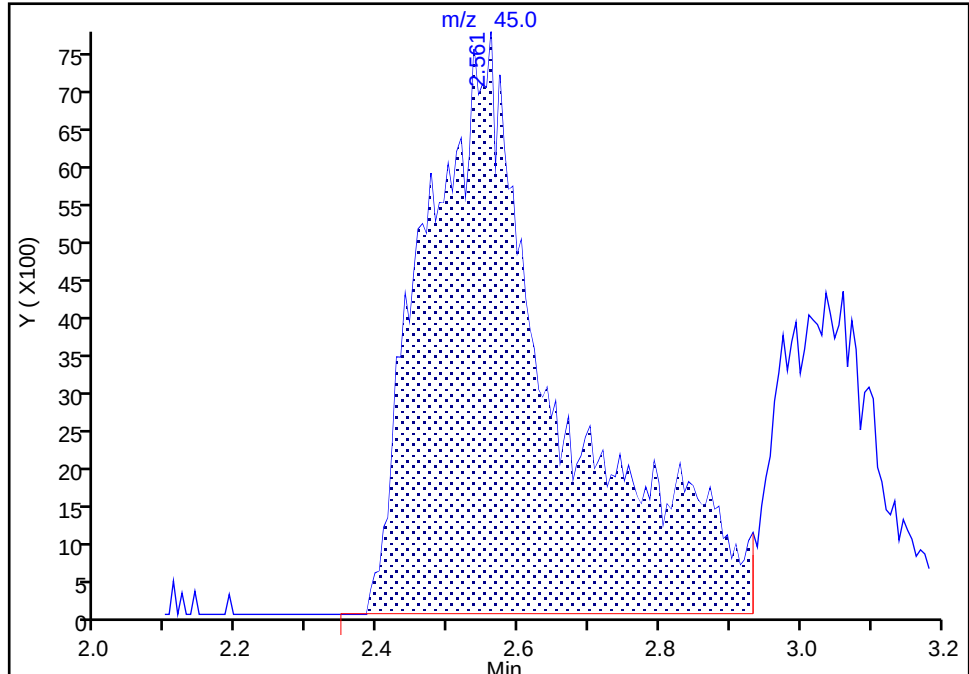
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X04.D
Injection Date: 11-Aug-2025 16:35:30 Instrument ID: 26285
Lims ID: IC sm v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

14 Ethanol, CAS: 64-17-5

Signal: 1

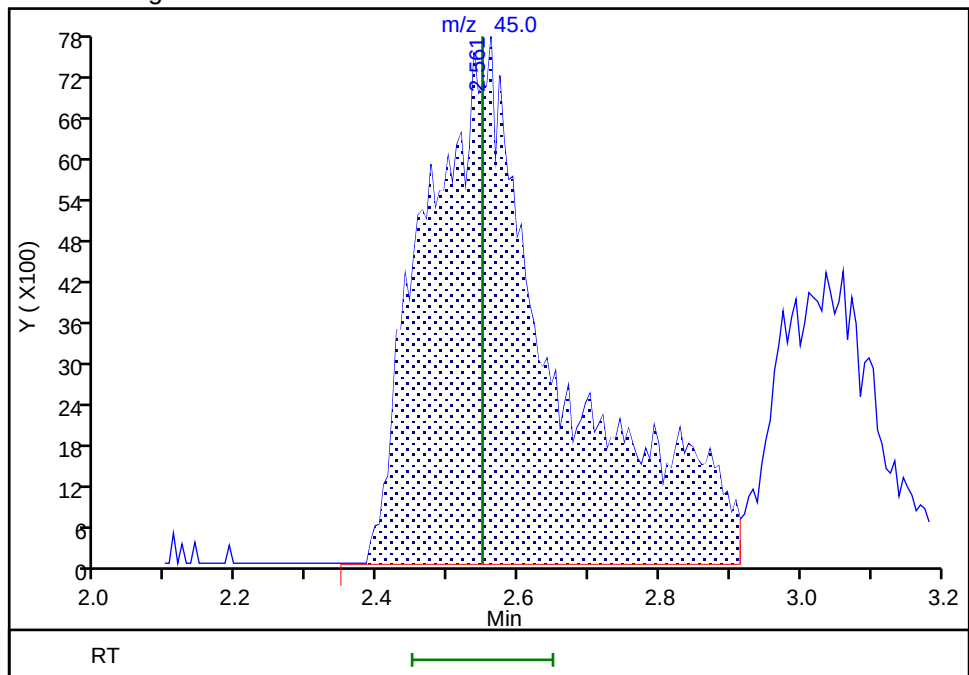
RT: 2.56
Area: 101363
Amount: 990.9751
Amount Units: ug/l

Processing Integration Results



RT: 2.56
Area: 100340
Amount: 982.6116
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:04:39 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X05.D
 Lims ID: IC sm v50
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 11-Aug-2025 16:55:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-006
 Misc. Info.: IC SM V50
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:54 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:02:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.537	1.537	0.000	92	295327	50.0	51.9	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	552537	50.0	49.2	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.927	1.927	0.000	60	412966	50.0	50.1	
14 Ethanol	45	2.549	2.549	0.000	97	122142	1250.0	1194.6	
27 Acetonitrile	41	3.183	3.183	0.000	99	369368	250.0	248.1	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	29	402127	250.0	250.0	
37 Vinyl acetate	43	4.323	4.323	0.000	97	743892	50.0	50.8	
41 Ethyl acetate	43	5.262	5.262	0.000	100	431698	50.0	50.8	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	750918	50.0	50.6	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1100270	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	159403	50.0	52.0	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	90	307721	50.0	51.8	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	615817	50.0	51.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	787665	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	158896	50.0	52.2	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	302872	50.0	52.7	
155 Pentachloroethane	167	12.358	12.358	0.000	91	208298	50.0	51.3	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	462361	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_LKB_00013	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 2.50	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 10.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 5.00	Units: uL

Report Date: 12-Aug-2025 14:05:55

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X05.D

Injection Date: 11-Aug-2025 16:55:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v50

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

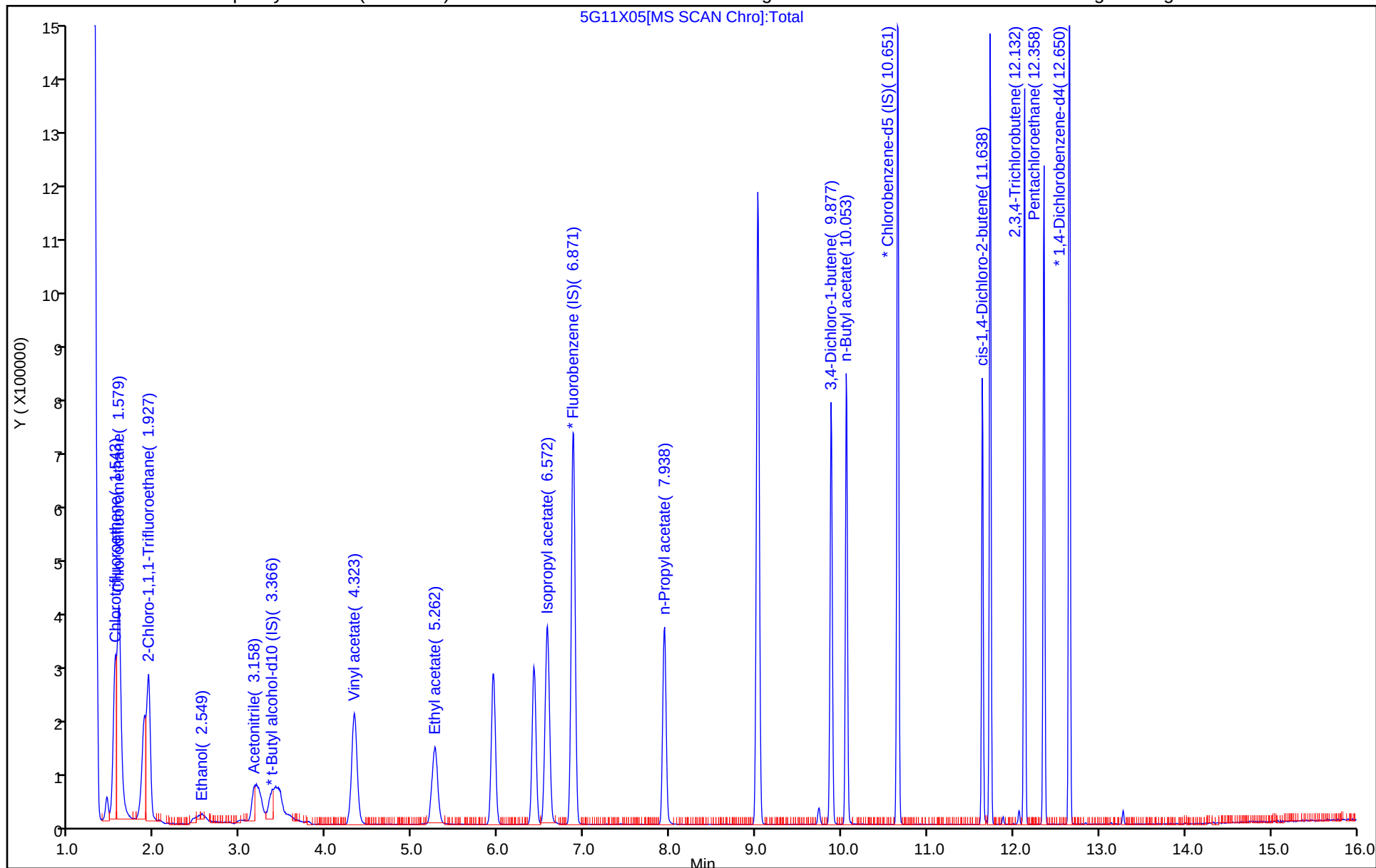
ALS Bottle#: 5

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X06.D
 Lims ID: IC sm v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Aug-2025 17:16:30 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-007
 Misc. Info.: IC SM V100
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:05:59 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:02:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.543	1.537	0.006	96	532126	100.0	94.2	
2 Chlorodifluoromethane	51	1.592	1.586	0.006	97	1041428	100.0	98.4	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.933	1.927	0.006	38	790270	100.0	96.5	M
14 Ethanol	45	2.537	2.549	-0.012	99	235718	2500.0	2448.8	
27 Acetonitrile	41	3.183	3.183	0.000	99	729087	500.0	520.2	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	31	378582	250.0	250.0	
37 Vinyl acetate	43	4.329	4.323	0.006	97	1624476	100.0	111.7	
41 Ethyl acetate	43	5.268	5.262	0.006	100	918538	100.0	108.8	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	1627486	100.0	110.4	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1092749	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	344366	100.0	113.1	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	91	650652	100.0	109.1	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	1337103	100.0	110.6	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	791198	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	339403	100.0	110.9	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	632297	100.0	111.4	
155 Pentachloroethane	167	12.358	12.358	0.000	92	424110	100.0	105.8	
* 163 1,4-Dichlorobenzene-d4	152	12.650	12.657	-0.007	95	456355	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_LKB_00013	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 2.50	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 10.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 5.00	Units: uL

Report Date: 12-Aug-2025 14:06:02

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X06.D

Injection Date: 11-Aug-2025 17:16:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v100

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

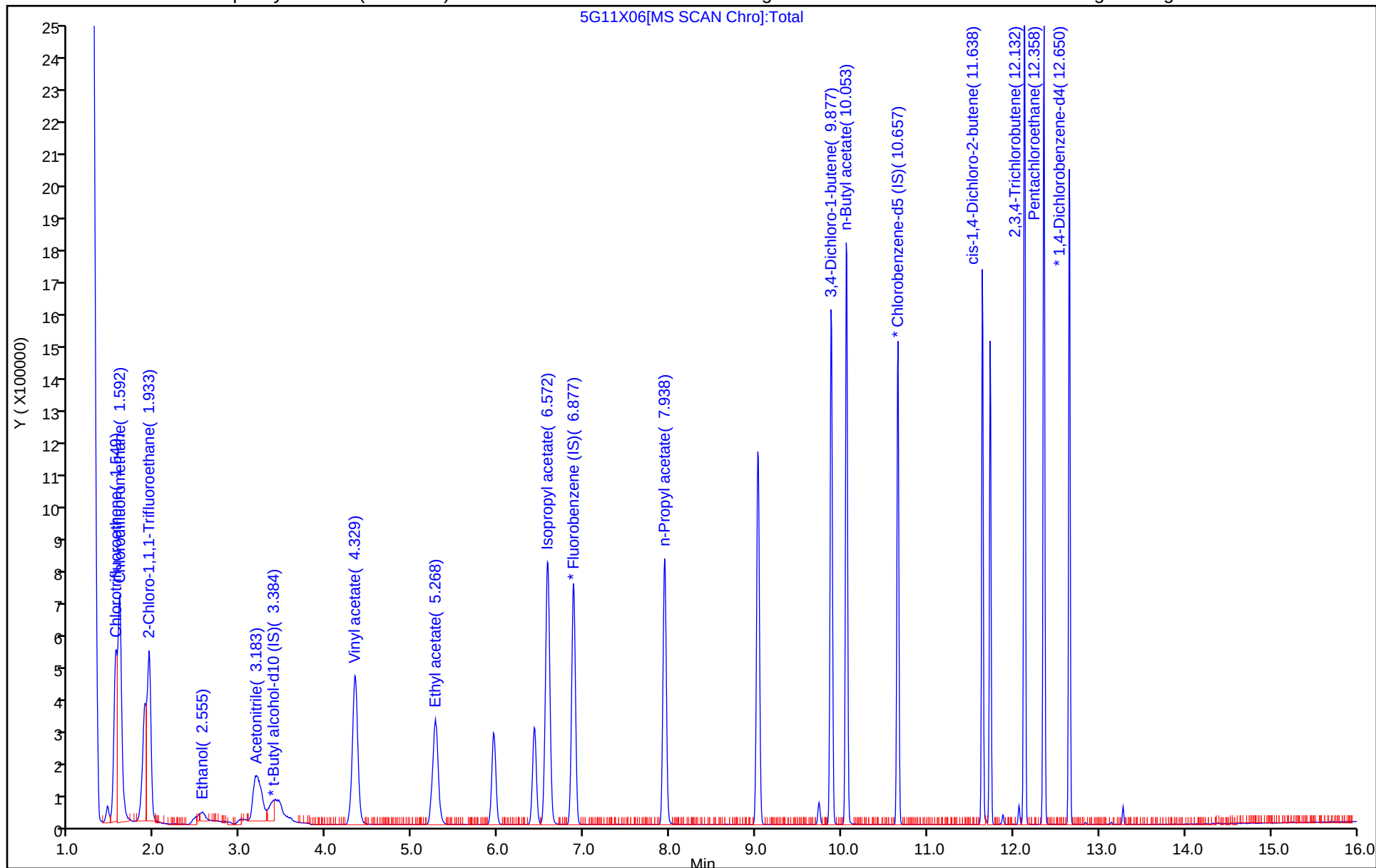
ALS Bottle#: 6

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



10/10/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

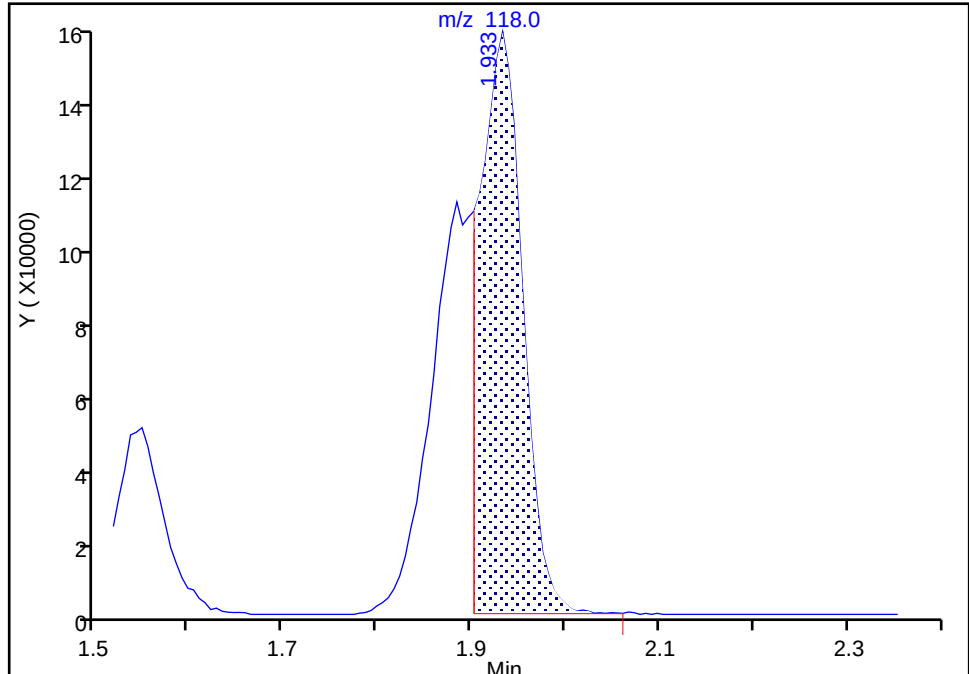
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Injection Date: 11-Aug-2025 17:16:30 Instrument ID: 26285
Lims ID: IC sm v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

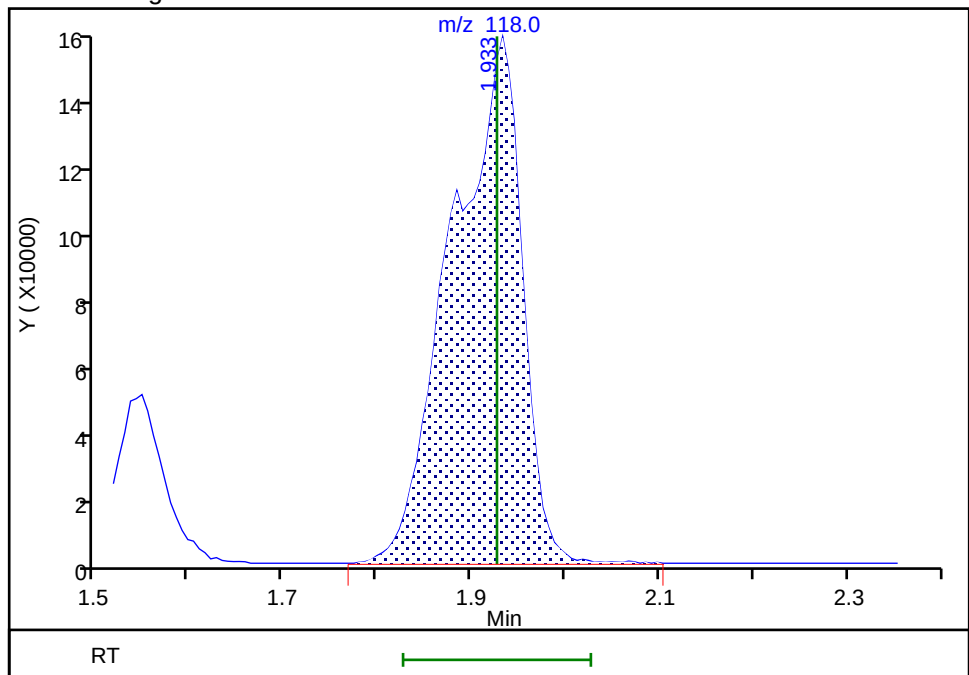
RT: 1.93
Area: 482715
Amount: 85.245317
Amount Units: ug/l

Processing Integration Results



RT: 1.93
Area: 790270
Amount: 96.502159
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 18:02:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X07.D
 Lims ID: IC sm v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 11-Aug-2025 17:37:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-008
 Misc. Info.: IC SM V300
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub50
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:05 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 18:02:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.537	1.537	0.000	93	1626852	300.0	289.4	
2 Chlorodifluoromethane	51	1.586	1.586	0.000	97	3225289	300.0	291.9	
7 2-Chloro-1,1,1-Trifluoroethane	118	1.921	1.927	-0.006	36	2427832	300.0	297.9	
14 Ethanol	45	2.524	2.549	-0.025	99	753190	7500.0	7490.9	
27 Acetonitrile	41	3.171	3.183	-0.012	100	2035673	1500.0	1390.4	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	29	395449	250.0	250.0	
37 Vinyl acetate	43	4.317	4.323	-0.006	97	4307585	300.0	297.7	
41 Ethyl acetate	43	5.262	5.262	0.000	100	2510885	300.0	298.8	
61 Isopropyl acetate	43	6.572	6.572	0.000	98	4368565	300.0	297.7	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1087488	50.0	50.0	
75 n-Propyl acetate	61	7.938	7.938	0.000	99	947608	300.0	312.6	
93 3,4-Dichloro-1-butene	75	9.877	9.877	0.000	91	1834612	299.9	304.9	
99 n-Butyl acetate	43	10.053	10.053	0.000	98	3591885	300.0	294.4	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	798575	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	11.638	11.638	0.000	0	945112	299.9	306.0	
149 2,3,4-Trichlorobutene	109	12.132	12.132	0.000	0	1780133	299.9	314.5	
155 Pentachloroethane	167	12.358	12.358	0.000	92	1291132	300.0	322.8	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	455240	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_LKB_00013	Amount Added: 15.00	Units: uL
MSV_V_SMFreon_00054	Amount Added: 7.50	Units: uL
MSV_CCV_ETOH_00009	Amount Added: 30.00	Units: uL
MSV_Cent_ISO_00011	Amount Added: 5.00	Units: uL
MSV_CCV_V5ACE_00051	Amount Added: 15.00	Units: uL
MSV_CCV_Penta_00069	Amount Added: 15.00	Units: uL

Report Date: 12-Aug-2025 14:06:06

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X07.D

Injection Date: 11-Aug-2025 17:37:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC sm v300

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

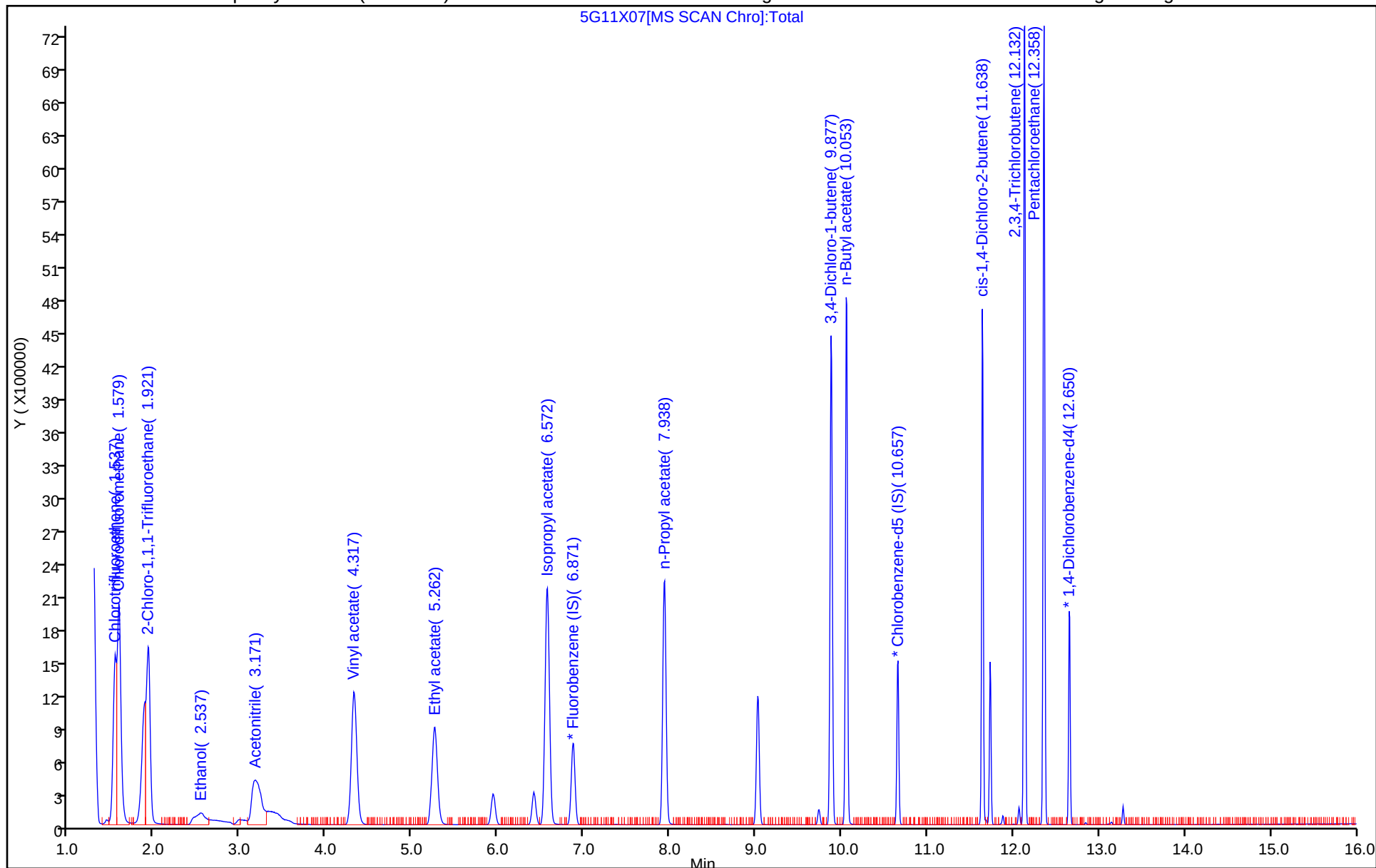
ALS Bottle#: 7

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Calibration

/ Chlorotrifluoroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

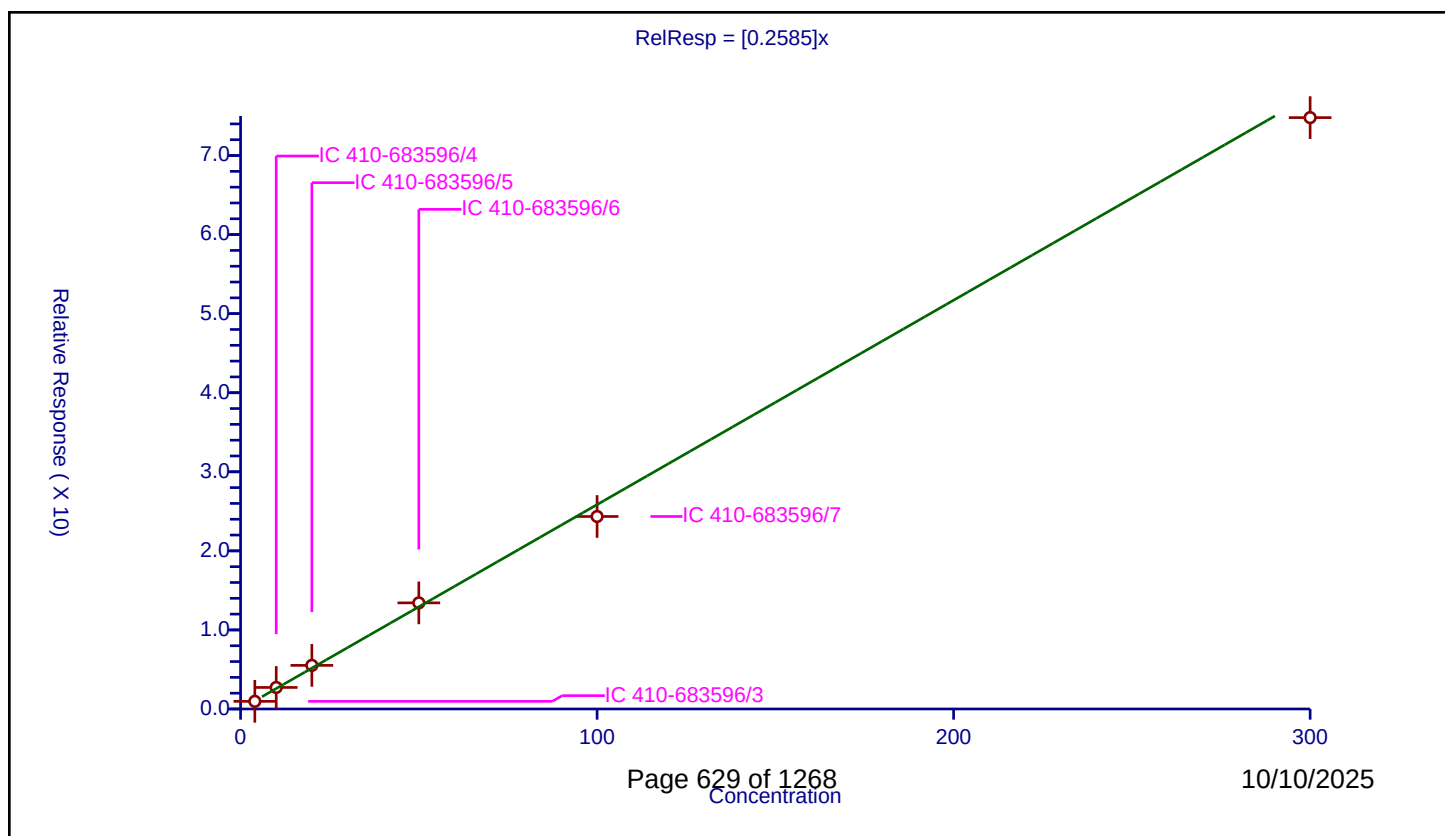
Curve Coefficients

Intercept: 0
Slope: 0.2585

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	0.96661	50.0	1129566.0	0.241653	Y
2	IC 410-683596/4	10.0	2.723152	50.0	1091566.0	0.272315	Y
3	IC 410-683596/5	20.0	5.516758	50.0	1106456.0	0.275838	Y
4	IC 410-683596/6	50.0	13.42066	50.0	1100270.0	0.268413	Y
5	IC 410-683596/7	100.0	24.348043	50.0	1092749.0	0.24348	Y
6	IC 410-683596/8	300.0	74.798618	50.0	1087488.0	0.249329	Y



Calibration

/ Chlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

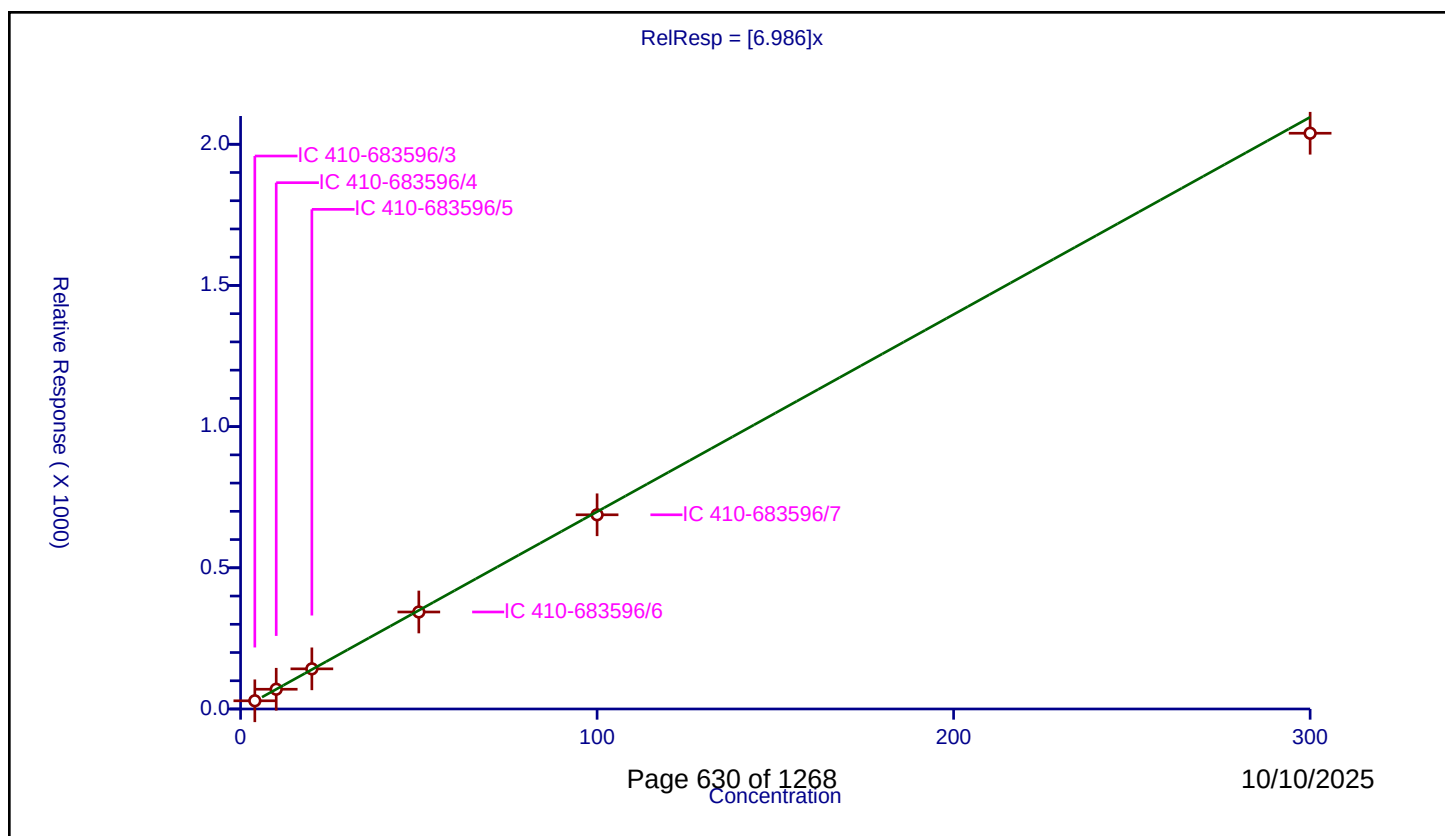
Curve Coefficients

Intercept: 0
Slope: 6.986

Error Coefficients

Relative Standard Deviation: 2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	29.055873	250.0	409246.0	7.263968	Y
2	IC 410-683596/4	10.0	69.976723	250.0	403402.0	6.997672	Y
3	IC 410-683596/5	20.0	142.22381	250.0	401617.0	7.111191	Y
4	IC 410-683596/6	50.0	343.509016	250.0	402127.0	6.87018	Y
5	IC 410-683596/7	100.0	687.716268	250.0	378582.0	6.877163	Y
6	IC 410-683596/8	300.0	2039.004398	250.0	395449.0	6.796681	Y



Calibration

/ 2-Chloro-1,1,1-Trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

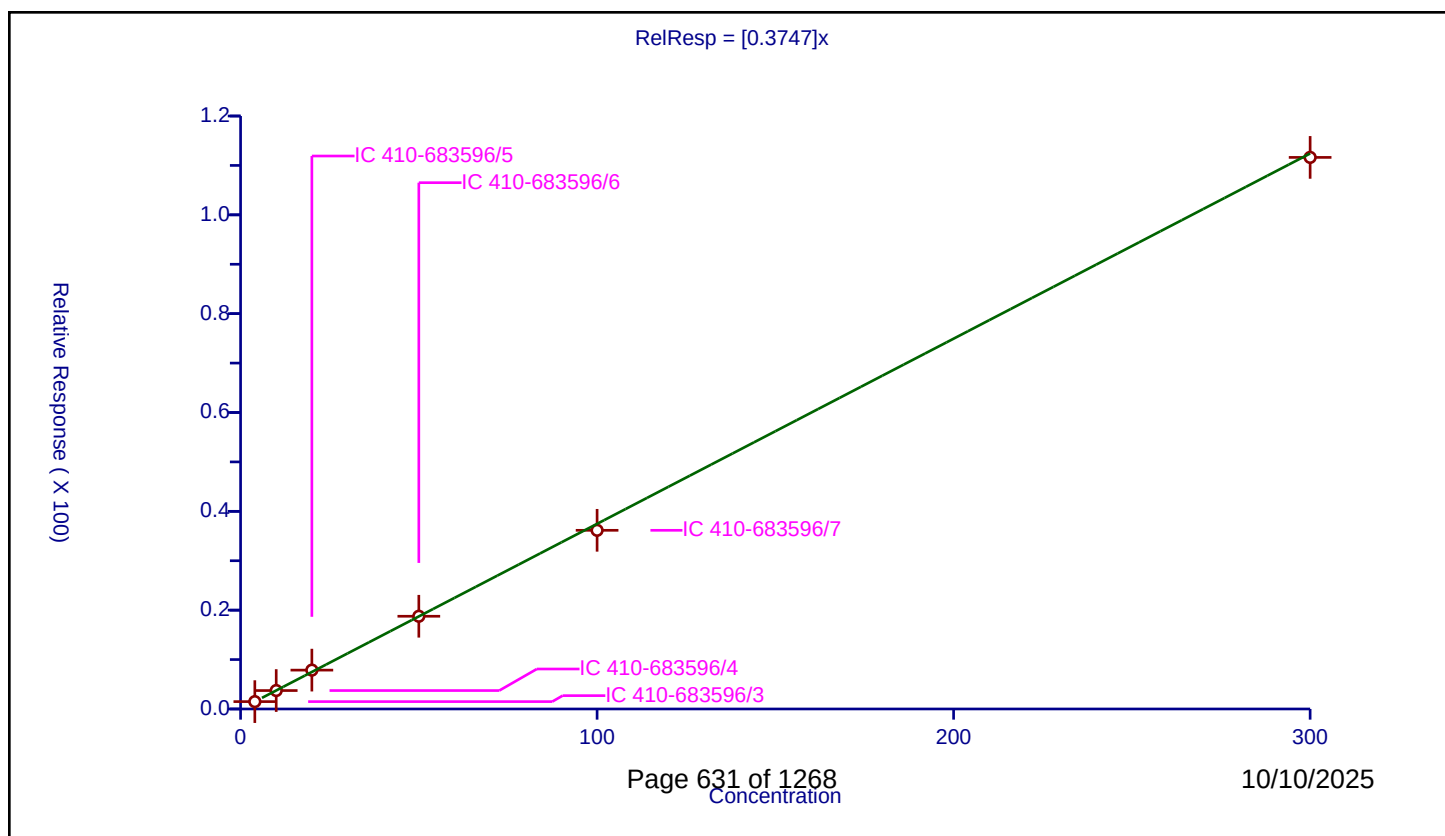
Curve Coefficients

Intercept: 0
Slope: 0.3747

Error Coefficients

Relative Standard Deviation: 2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	1.489997	50.0	1129566.0	0.372499	Y
2	IC 410-683596/4	10.0	3.733856	50.0	1091566.0	0.373386	Y
3	IC 410-683596/5	20.0	7.866467	50.0	1106456.0	0.393323	Y
4	IC 410-683596/6	50.0	18.766575	50.0	1100270.0	0.375332	Y
5	IC 410-683596/7	100.0	36.159722	50.0	1092749.0	0.361597	Y
6	IC 410-683596/8	300.0	111.625692	50.0	1087488.0	0.372086	Y



Calibration

/ Ethanol

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

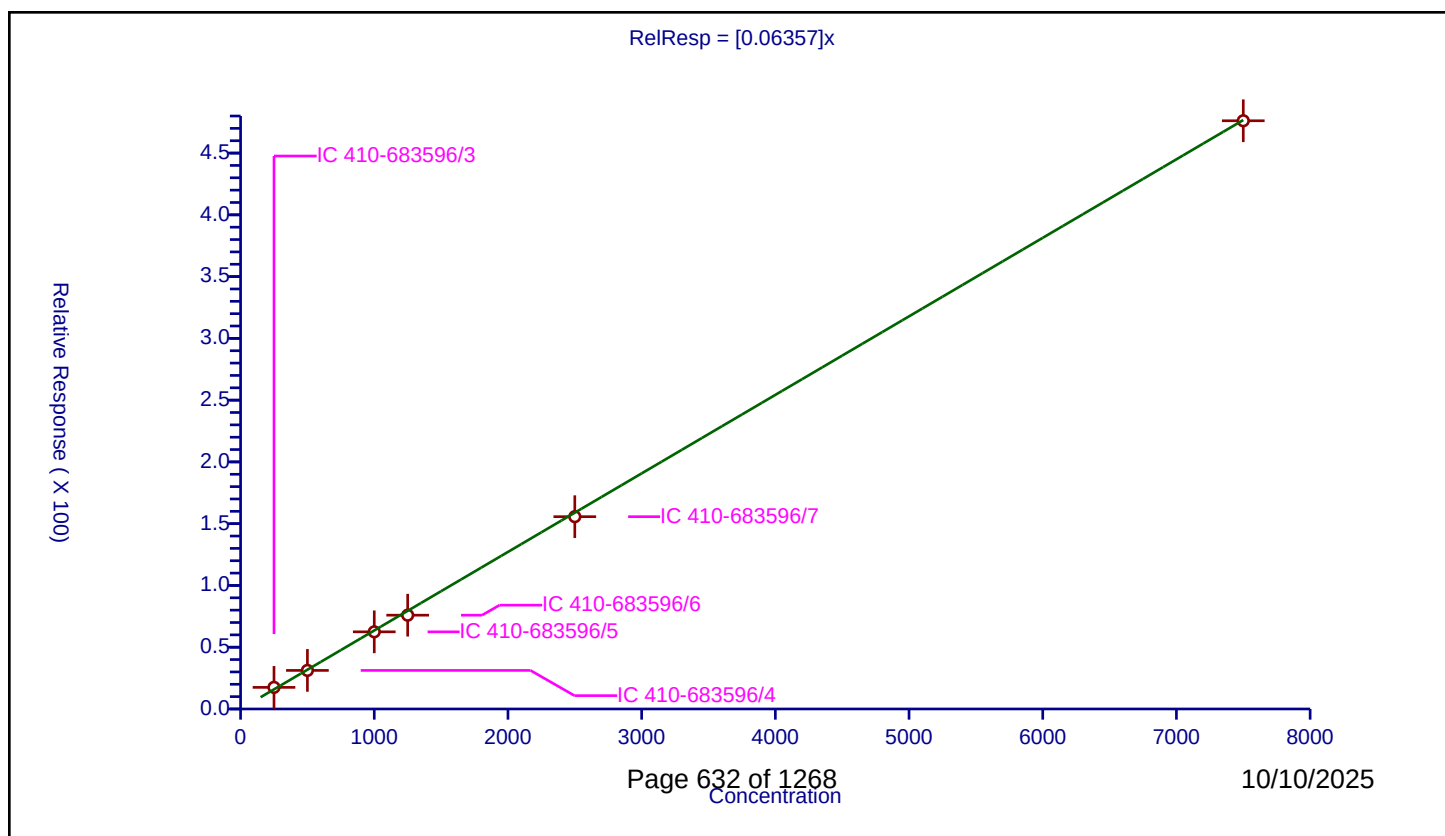
Curve Coefficients

Intercept: 0
 Slope: 0.06357

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	250.00008	17.496811	250.0	409246.0	0.069987	Y
2	IC 410-683596/4	500.00016	31.222577	250.0	403402.0	0.062445	Y
3	IC 410-683596/5	1000.00032	62.460005	250.0	401617.0	0.06246	Y
4	IC 410-683596/6	1250.0004	75.934966	250.0	402127.0	0.060748	Y
5	IC 410-683596/7	2500.0008	155.658483	250.0	378582.0	0.062263	Y
6	IC 410-683596/8	7500.0024	476.161275	250.0	395449.0	0.063488	Y



Calibration

/ Acetonitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

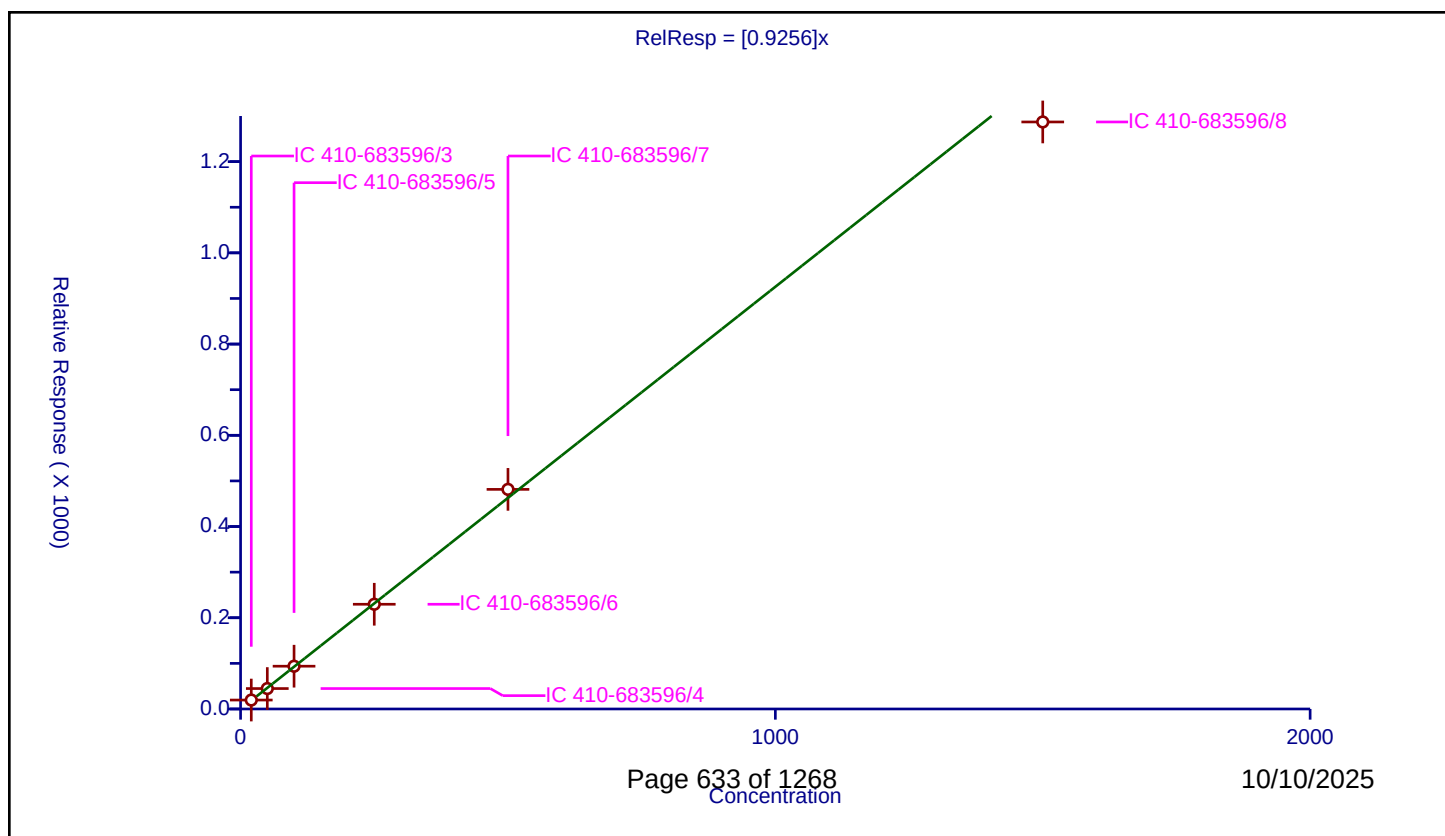
Curve Coefficients

Intercept: 0
Slope: 0.9256

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	20.0	19.612287	250.0	409246.0	0.980614	Y
2	IC 410-683596/4	50.0	44.794027	250.0	403402.0	0.895881	Y
3	IC 410-683596/5	100.0	93.773421	250.0	401617.0	0.937734	Y
4	IC 410-683596/6	250.0	229.633922	250.0	402127.0	0.918536	Y
5	IC 410-683596/7	500.0	481.459103	250.0	378582.0	0.962918	Y
6	IC 410-683596/8	1500.0	1286.937759	250.0	395449.0	0.857959	Y



Calibration

/ Vinyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

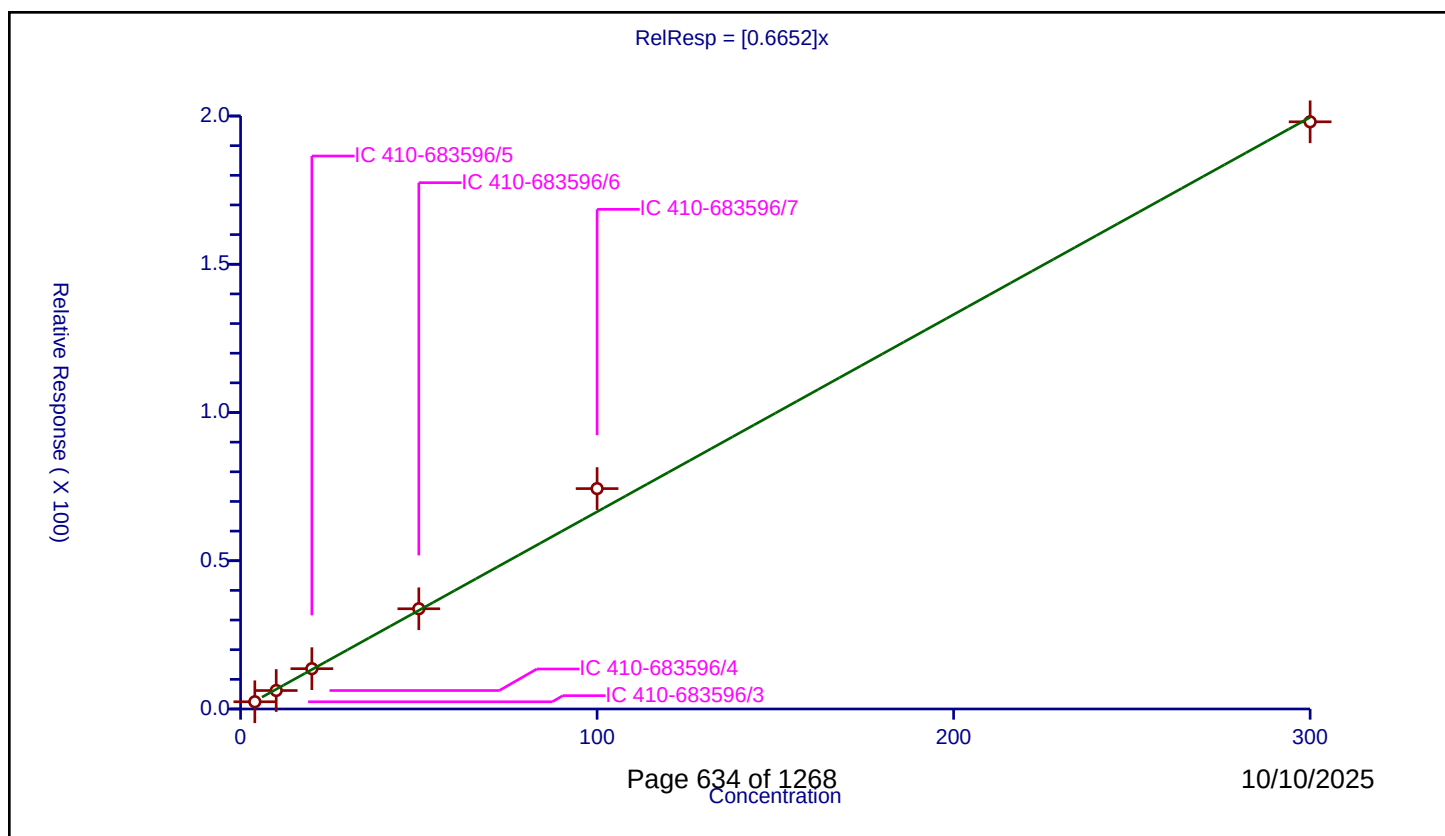
Curve Coefficients

Intercept: 0
 Slope: 0.6652

Error Coefficients

Relative Standard Deviation: 7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	2.437219	50.0	1129566.0	0.609305	Y
2	IC 410-683596/4	10.0	6.228162	50.0	1091566.0	0.622816	Y
3	IC 410-683596/5	20.0	13.591187	50.0	1106456.0	0.679559	Y
4	IC 410-683596/6	50.0	33.804975	50.0	1100270.0	0.6761	Y
5	IC 410-683596/7	100.0	74.329787	50.0	1092749.0	0.743298	Y
6	IC 410-683596/8	300.0	198.05207	50.0	1087488.0	0.660174	Y



Calibration

/ Ethyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

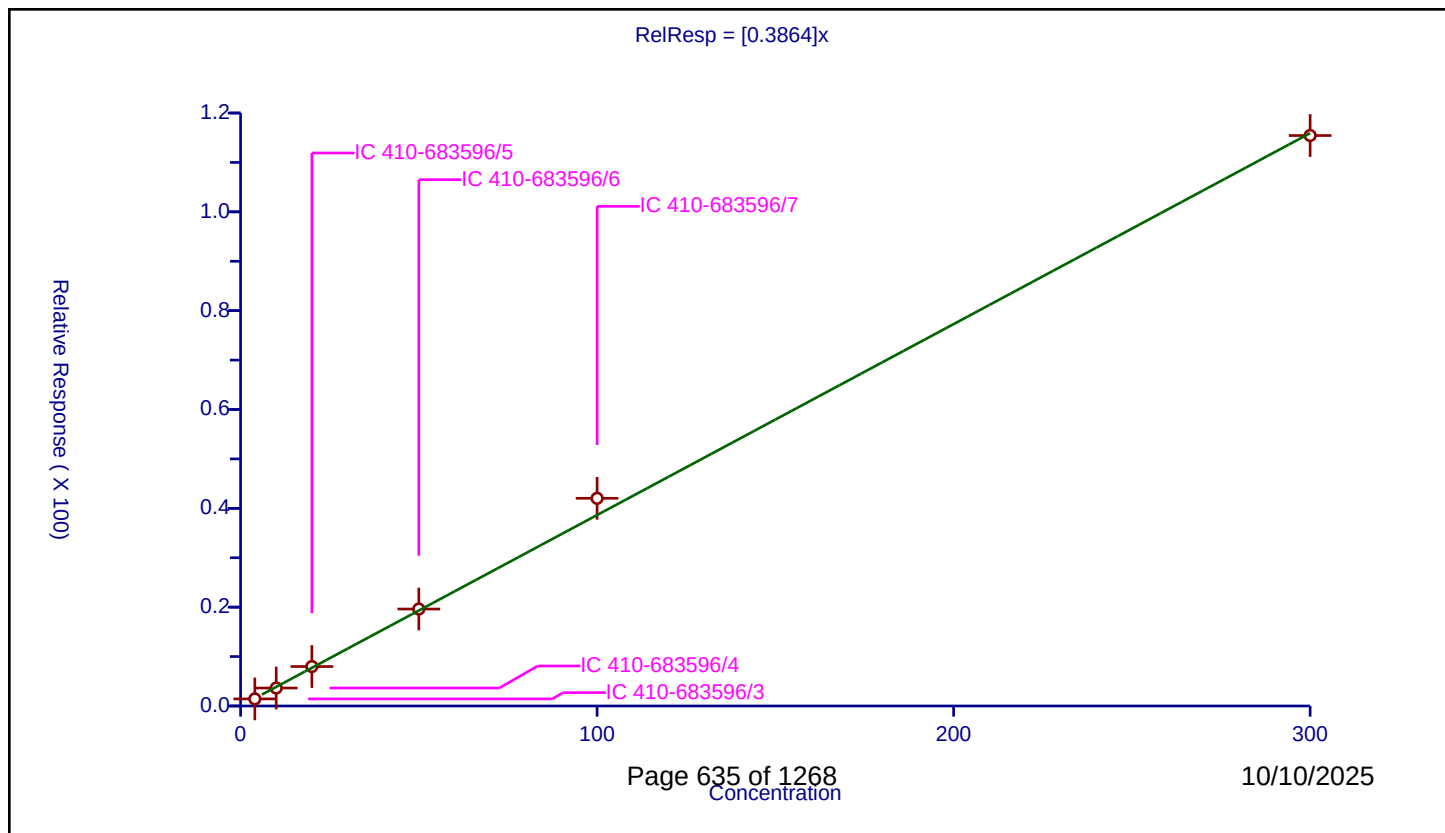
Curve Coefficients

Intercept: 0
 Slope: 0.3864

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	1.432143	50.0	1129566.0	0.358036	Y
2	IC 410-683596/4	10.0	3.63574	50.0	1091566.0	0.363574	Y
3	IC 410-683596/5	20.0	7.986355	50.0	1106456.0	0.399318	Y
4	IC 410-683596/6	50.0	19.617821	50.0	1100270.0	0.392356	Y
5	IC 410-683596/7	100.0	42.028773	50.0	1092749.0	0.420288	Y
6	IC 410-683596/8	300.0	115.444262	50.0	1087488.0	0.384814	Y



Calibration

/ Isopropyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

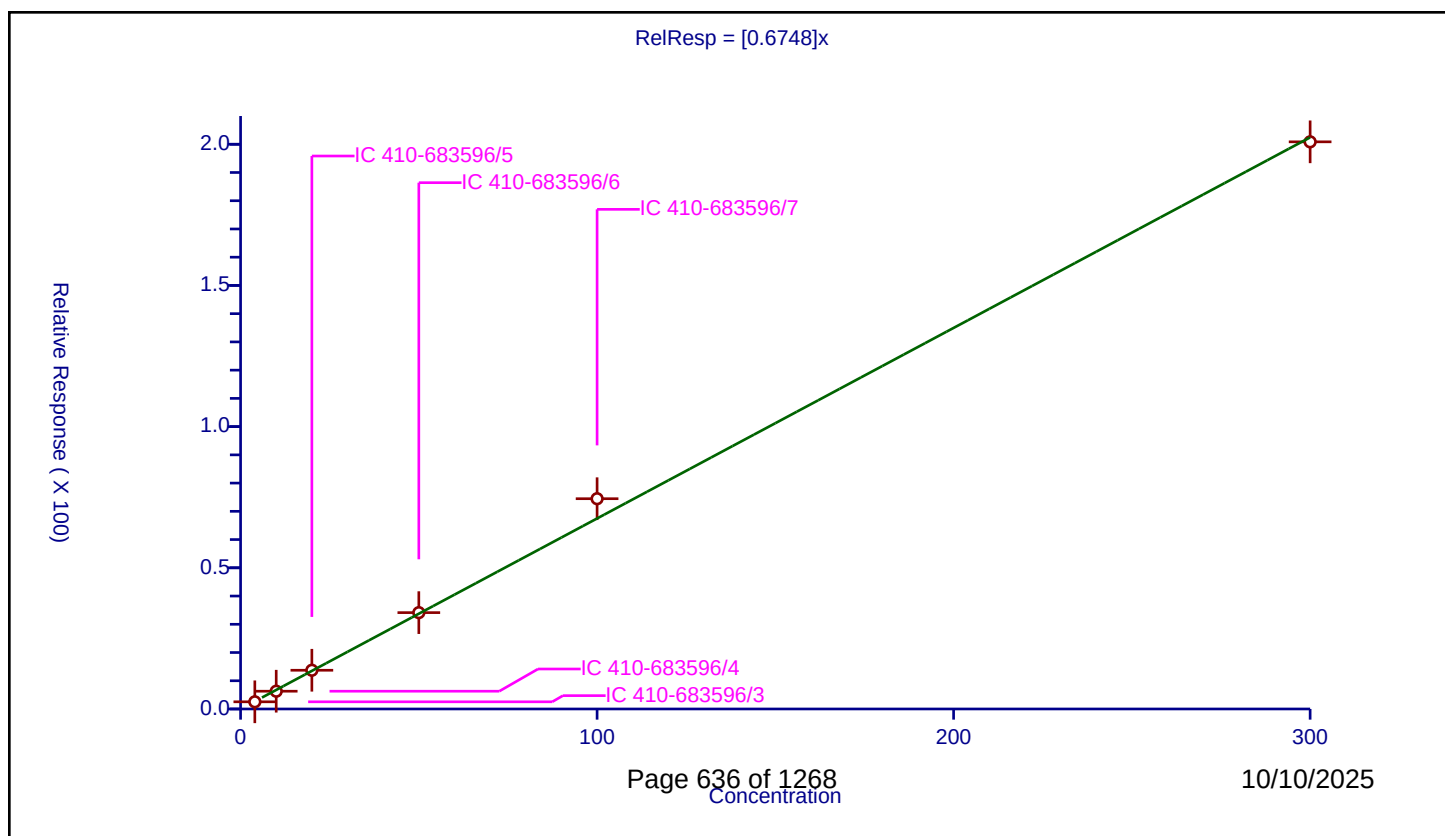
Curve Coefficients

Intercept: 0
Slope: 0.6748

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	2.546598	50.0	1129566.0	0.636649	Y
2	IC 410-683596/4	10.0	6.293939	50.0	1091566.0	0.629394	Y
3	IC 410-683596/5	20.0	13.717762	50.0	1106456.0	0.685888	Y
4	IC 410-683596/6	50.0	34.12426	50.0	1100270.0	0.682485	Y
5	IC 410-683596/7	100.0	74.467513	50.0	1092749.0	0.744675	Y
6	IC 410-683596/8	300.0	200.85578	50.0	1087488.0	0.669519	Y



Calibration

/ n-Propyl acetate

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

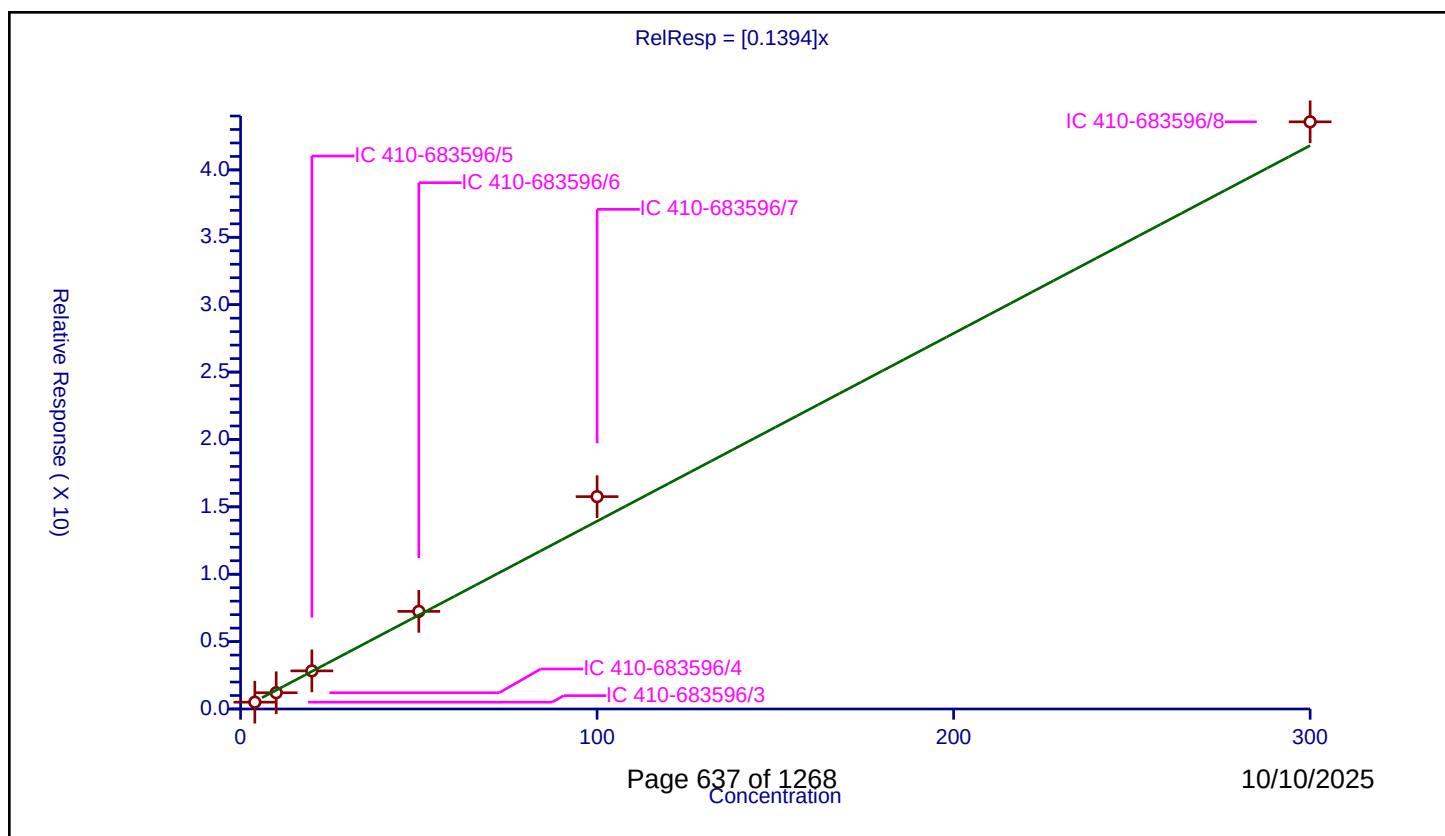
Curve Coefficients

Intercept: 0
 Slope: 0.1394

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	0.505592	50.0	1129566.0	0.126398	Y
2	IC 410-683596/4	10.0	1.206386	50.0	1091566.0	0.120639	Y
3	IC 410-683596/5	20.0	2.829213	50.0	1106456.0	0.141461	Y
4	IC 410-683596/6	50.0	7.243813	50.0	1100270.0	0.144876	Y
5	IC 410-683596/7	100.0	15.756866	50.0	1092749.0	0.157569	Y
6	IC 410-683596/8	300.0	43.568665	50.0	1087488.0	0.145229	Y



Calibration

/ 3,4-Dichloro-1-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

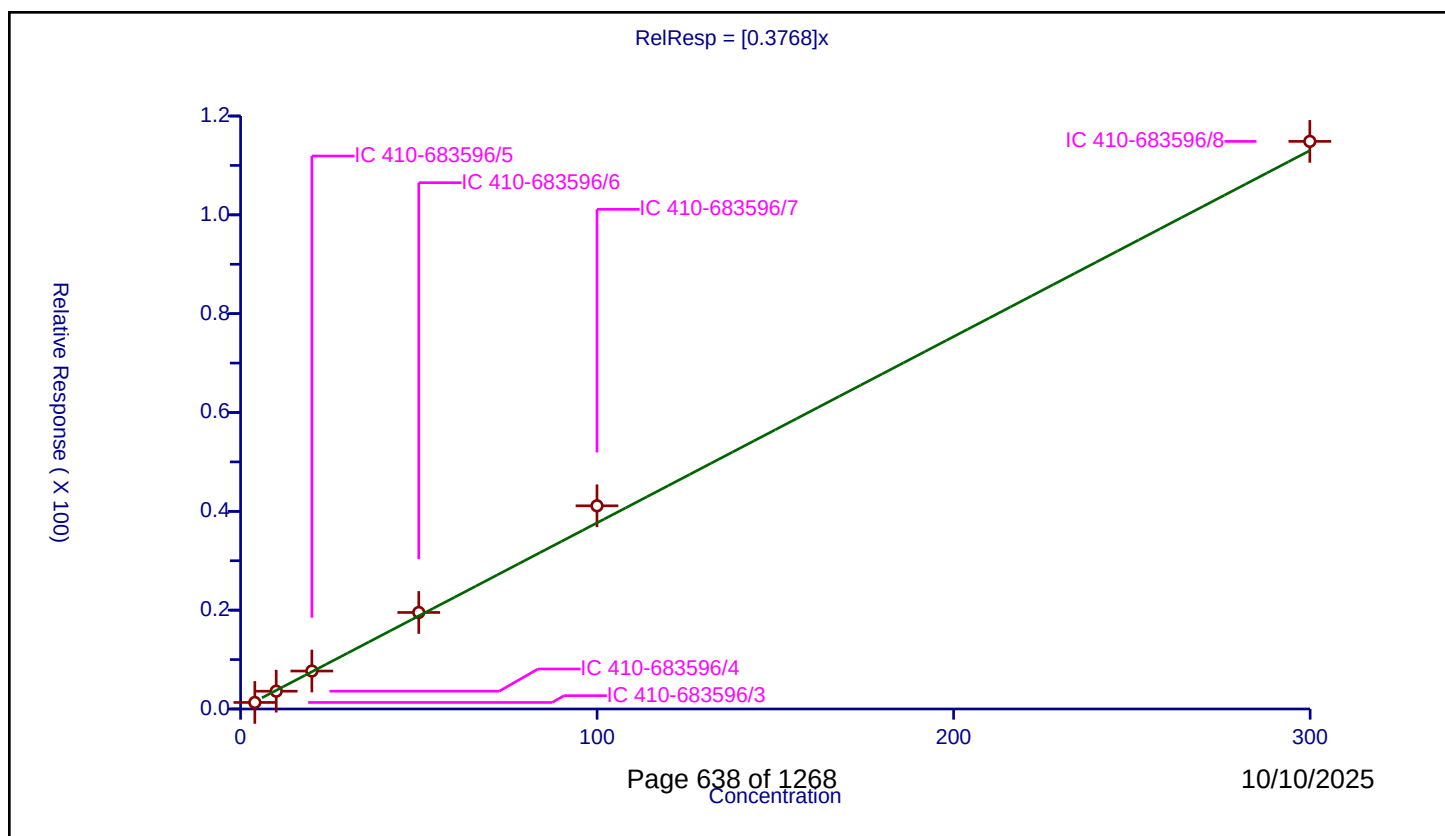
Curve Coefficients

Intercept: 0
Slope: 0.3768

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	3.99894	1.32338	50.0	805853.0	0.330933	Y
2	IC 410-683596/4	9.99735	3.602789	50.0	778855.0	0.360374	Y
3	IC 410-683596/5	19.9947	7.68354	50.0	790905.0	0.384279	Y
4	IC 410-683596/6	49.98675	19.533748	50.0	787665.0	0.390779	Y
5	IC 410-683596/7	99.9735	41.118152	50.0	791198.0	0.411291	Y
6	IC 410-683596/8	299.9205	114.867858	50.0	798575.0	0.382994	Y



Calibration

/ n-Butyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

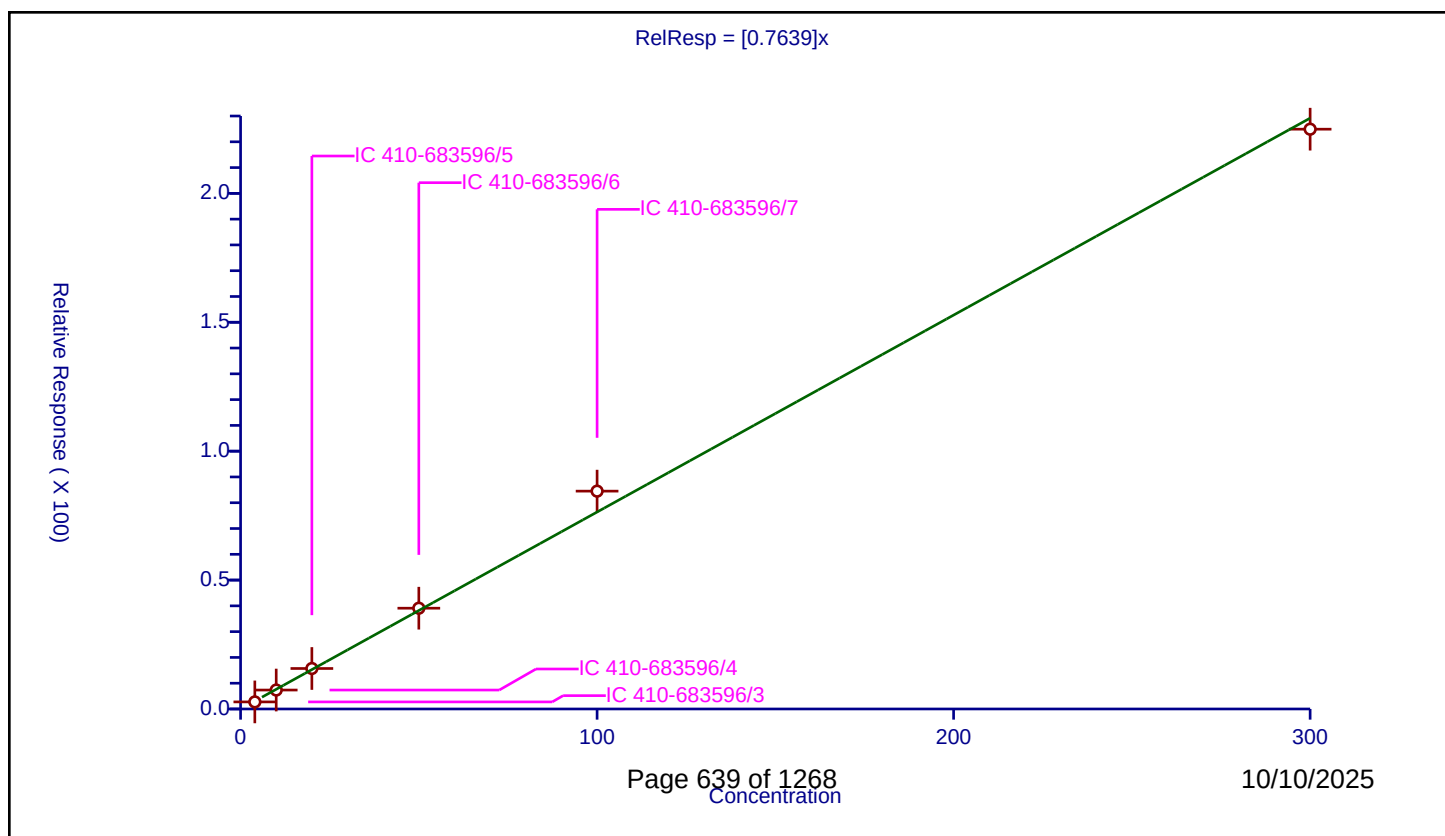
Curve Coefficients

Intercept: 0
Slope: 0.7639

Error Coefficients

Relative Standard Deviation: 7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	2.747523	50.0	805853.0	0.686881	Y
2	IC 410-683596/4	10.0	7.346554	50.0	778855.0	0.734655	Y
3	IC 410-683596/5	20.0	15.708334	50.0	790905.0	0.785417	Y
4	IC 410-683596/6	50.0	39.091302	50.0	787665.0	0.781826	Y
5	IC 410-683596/7	100.0	84.498634	50.0	791198.0	0.844986	Y
6	IC 410-683596/8	300.0	224.893404	50.0	798575.0	0.749645	Y



Calibration

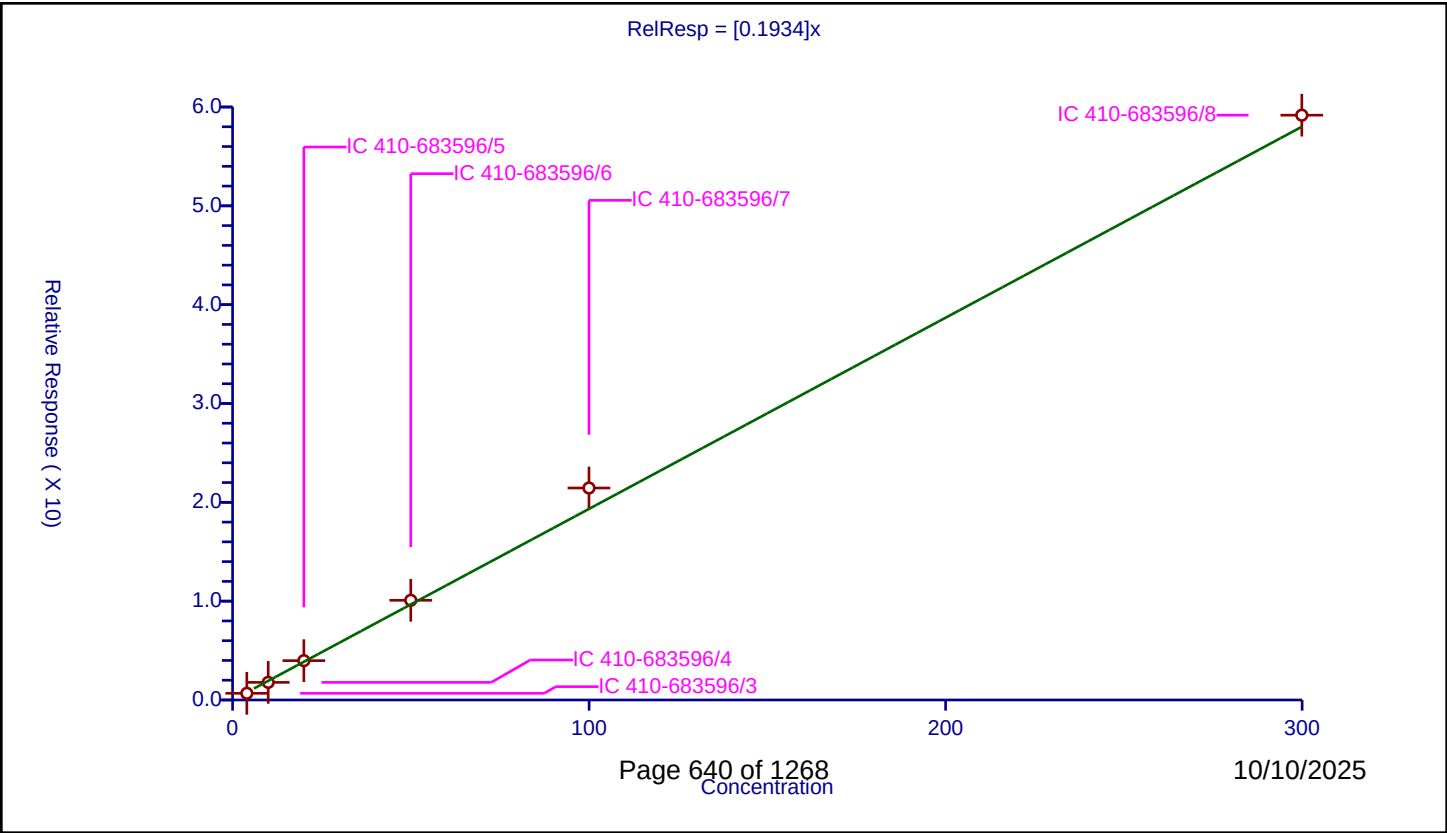
/ cis-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.1934
Error Coefficients	

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	3.998831	0.677047	50.0	805853.0	0.169311	Y
2	IC 410-683596/4	9.997078	1.782617	50.0	778855.0	0.178314	Y
3	IC 410-683596/5	19.994156	3.980567	50.0	790905.0	0.199087	Y
4	IC 410-683596/6	49.98539	10.086522	50.0	787665.0	0.201789	Y
5	IC 410-683596/7	99.97078	21.448677	50.0	791198.0	0.214549	Y
6	IC 410-683596/8	299.91234	59.174905	50.0	798575.0	0.197307	Y



Calibration

/ 2,3,4-Trichlorobutene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

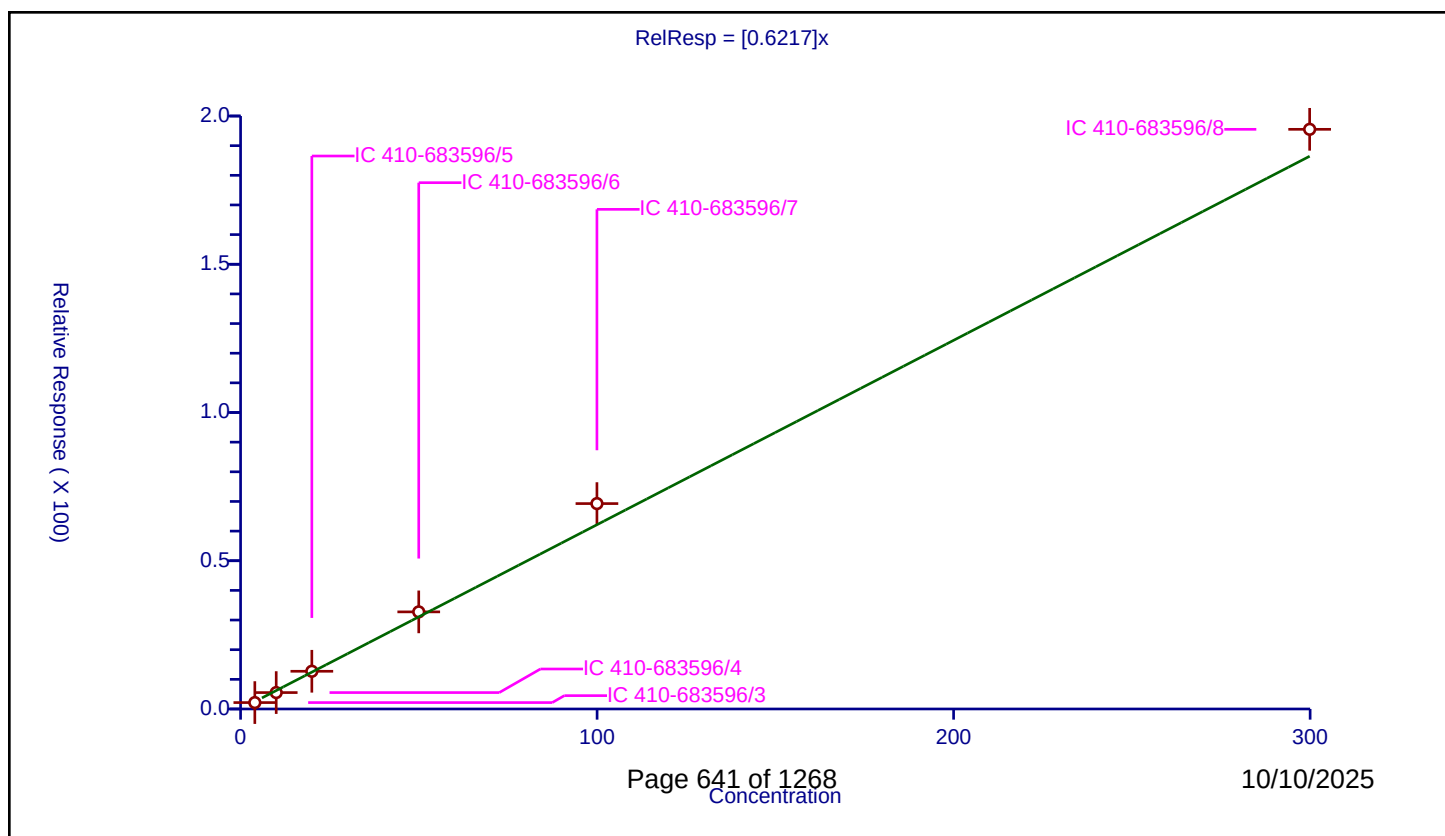
Curve Coefficients

Intercept: 0
 Slope: 0.6217

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	3.998303	2.15881	50.0	476582.0	0.539932	Y
2	IC 410-683596/4	9.995756	5.534953	50.0	463527.0	0.55373	Y
3	IC 410-683596/5	19.991513	12.718748	50.0	467491.0	0.636207	Y
4	IC 410-683596/6	49.978782	32.752762	50.0	462361.0	0.655333	Y
5	IC 410-683596/7	99.957564	69.276879	50.0	456355.0	0.693063	Y
6	IC 410-683596/8	299.872692	195.515882	50.0	455240.0	0.651996	Y



Calibration

/ Pentachloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

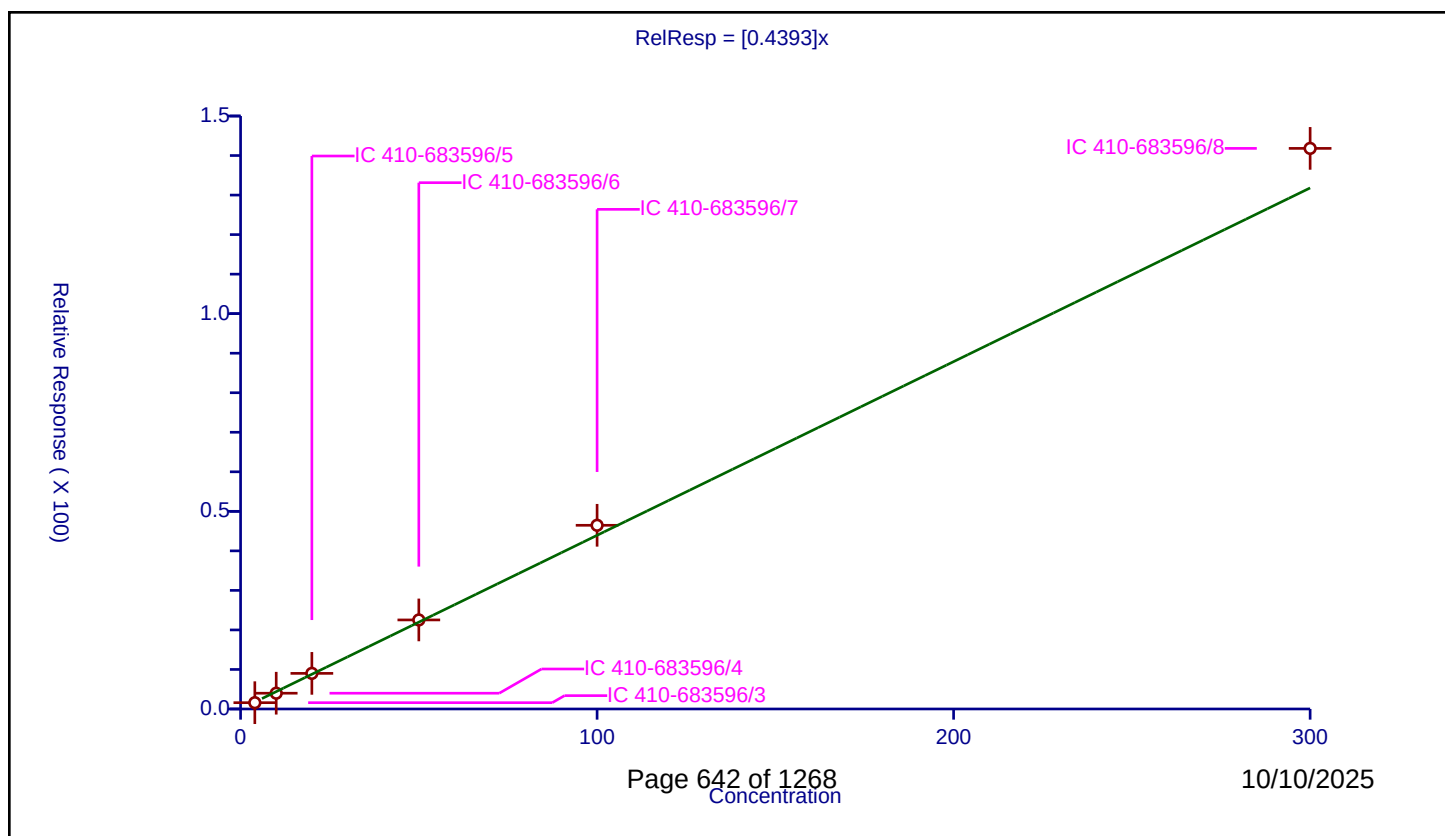
Curve Coefficients

Intercept: 0
 Slope: 0.4393

Error Coefficients

Relative Standard Deviation: 7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/3	4.0	1.593745	50.0	476582.0	0.398436	Y
2	IC 410-683596/4	10.0	3.99254	50.0	463527.0	0.399254	Y
3	IC 410-683596/5	20.0	9.010548	50.0	467491.0	0.450527	Y
4	IC 410-683596/6	50.0	22.525473	50.0	462361.0	0.450509	Y
5	IC 410-683596/7	100.0	46.467114	50.0	456355.0	0.464671	Y
6	IC 410-683596/8	300.0	141.807838	50.0	455240.0	0.472693	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/12	5G11X11.D
Level 2	IC 410-683596/13	5G11X12.D
Level 3	IC 410-683596/14	5G11X13.D
Level 4	IC 410-683596/15	5G11X14.D
Level 5	ICIS 410-683596/16	5G11X15.D
Level 6	IC 410-683596/17	5G11X16.D
Level 7	IC 410-683596/18	5G11X17.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.4518 0.5479	0.5429 0.5152	0.5739	0.5014	0.5593	Ave		0.527 5			0.1000	7.9		20.0			
Chloromethane	0.5034 0.5034	0.5235 0.4760	0.5362	0.4690	0.4987	Ave		0.501 5			0.1000	4.8		20.0			
Vinyl chloride	0.4194 0.4478	0.4534 0.4291	0.4729	0.4109	0.4551	Ave		0.441 2			0.1000	5.0		20.0			
1,3-Butadiene	0.4890 0.4191	0.4565 0.3969	0.4560	0.3848	0.4188	Ave		0.431 6				8.6		20.0			
Bromomethane	0.2714 0.3078	0.2877 0.2966	0.3004	0.2748	0.3053	Ave		0.292 0			0.1000	5.0		20.0			
Chloroethane	0.1938 0.2182	0.2215 0.2099	0.2246	0.1999	0.2176	Ave		0.212 2			0.1000	5.4		20.0			
Dichlorofluoromethane	0.6615 0.6818	0.6918 0.6427	0.7155	0.6238	0.6743	Ave		0.670 2			0.1000	4.6		20.0			
n-Pentane	0.2891 0.3800	0.2639 0.4038	0.3662	0.4128	0.4089	Ave		0.360 7				16.7		20.0			
Trichlorofluoromethane	0.5065 0.5630	0.5686 0.5364	0.5891	0.5136	0.5774	Ave		0.550 7			0.1000	5.8		20.0			
Ethyl ether	0.1843 0.1983	0.1962 0.1792	0.1914	0.1944	0.1914	Ave		0.190 7				3.6		20.0			
Freon 123a	0.3134 0.3401	0.3398 0.3173	0.3525	0.3080	0.3429	Ave		0.330 6				5.2		20.0			
Acrolein	1.3061 1.3677	1.2299 1.2715	1.1316	1.2018	1.2278	Ave		1.248 1				6.1		20.0			
1,1-Dichloroethene	0.1694 0.2306	0.1881 0.2308	0.2333	0.2377	0.2385	Ave		0.218 3			0.1000	12.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	0.6571 0.5886	0.5628 0.5724	0.4781	0.5487	0.5509	Ave		0.565 6			0.1000	9.4		20.0			
Freon 113	++++ 0.2595	0.1680 0.2670	0.2635	0.2723	0.2750	Ave		0.250 9			0.1000	16.3		20.0			
Methyl iodide	0.4064 0.5018	0.4432 0.4936	0.4993	0.5025	0.5086	Ave		0.479 4				8.1		20.0			
2-Propanol	0.5804 0.4963	0.5136 0.4272	0.5474	0.4498	0.4799	Ave		0.499 2				10.7		20.0			
Carbon disulfide	0.6046 0.8110	0.6800 0.8159	0.8377	0.8294	0.8368	Ave		0.773 6			0.1000	12.0		20.0			
Methyl acetate	0.3979 0.3065	0.3513 0.2841	0.3052	0.3202	0.3062	Ave		0.324 5			0.1000	11.8		20.0			
Allyl chloride	0.3421 0.3909	0.3634 0.3844	0.3767	0.4007	0.4070	Ave		0.380 8				5.9		20.0			
Methylene Chloride	0.2421 0.2681	0.2441 0.2640	0.2702	0.2743	0.2728	Ave		0.262 2			0.1000	5.1		20.0			
t-Butyl alcohol	0.9598 1.0063	0.8966 0.8397	1.1977	0.8669	0.9222	Ave		0.955 6				12.6		20.0			
Acrylonitrile	0.1558 0.1574	0.1547 0.1456	0.1565	0.1578	0.1539	Ave		0.154 5				2.7		20.0			
Methyl tert-butyl ether	0.7715 0.7965	0.7673 0.7456	0.7646	0.7877	0.8003	Ave		0.776 2			0.1000	2.5		20.0			
trans-1,2-Dichloroethene	0.2076 0.2473	0.2289 0.2388	0.2489	0.2605	0.2565	Ave		0.241 2			0.1000	7.6		20.0			
n-Hexane	++++ 0.2749	0.1492 0.2896	0.2819	0.3150	0.3224	Lin1	-0.29 3	0.293 3							0.9960		0.9900
1,1-Dichloroethane	0.3856 0.4583	0.4008 0.4353	0.4570	0.4727	0.4783	Ave		0.441 1			0.2000	8.1		20.0			
Isopropyl ether	0.6931 0.7856	0.7115 0.7564	0.7585	0.7851	0.7957	Ave		0.755 1				5.2		20.0			
2-Chloro-1,3-butadiene	0.3012 0.4007	0.3491 0.3880	0.4016	0.4122	0.4228	Ave		0.382 2				11.2		20.0			
Ethyl t-butyl ether	0.6402 0.7836	0.6956 0.7413	0.7348	0.7582	0.7883	Ave		0.734 6				7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	0.2897 0.2586	0.2476 0.2277	0.2015	0.2347	0.2156	Ave		0.239 4			0.1000	12.2		20.0			
cis-1,2-Dichloroethene	0.2318 0.2789	0.2508 0.2664	0.2743	0.2876	0.2869	Ave		0.268 1			0.1000	7.6		20.0			
2,2-Dichloropropane	0.3203 0.4007	0.3513 0.3990	0.4052	0.4120	0.4162	Ave		0.386 4				9.4		20.0			
Propionitrile	1.0313 1.0511	0.9163 1.0069	1.0583	0.9217	1.0140	Ave		1.000 0				5.8		20.0			
Methyl acrylate	0.3805 0.3803	0.3413 0.3611	0.3441	0.3771	0.3614	Ave		0.363 7				4.5		20.0			
Methacrylonitrile	0.1380 0.1600	0.1533 0.1475	0.1490	0.1528	0.1535	Ave		0.150 6				4.5		20.0			
Bromochloromethane	0.1209 0.1411	0.1321 0.1358	0.1438	0.1415	0.1435	Ave		0.136 9				6.0		20.0			
Tetrahydrofuran	0.9399 0.9363	0.8262 0.9087	0.9272	0.8550	0.9039	Ave		0.899 6				4.8		20.0			
Chloroform	0.4211 0.4694	0.4117 0.4501	0.4638	0.4863	0.4814	Ave		0.454 8			0.2000	6.4		20.0			
1,1,1-Trichloroethane	0.2810 0.4273	0.3420 0.4236	0.4239	0.4322	0.4426	Ave		0.396 1			0.1000	15.3		20.0			
Cyclohexane	++++ 0.4163	0.2583 0.4437	0.4164	0.4394	0.4570	Ave		0.405 2			0.1000	18.2		20.0			
Carbon tetrachloride	0.2650 0.3761	0.2855 0.3739	0.3569	0.3809	0.3930	Ave		0.347 3			0.1000	14.6		20.0			
1,1-Dichloropropene	0.2602 0.3608	0.3019 0.3572	0.3525	0.3717	0.3755	Ave		0.340 0				12.6		20.0			
Isobutyl alcohol	0.3831 0.3757	0.2815 0.3213	0.3901	0.3186	0.3174	Ave		0.341 1				12.2		20.0			
Benzene	0.8397 1.0598	0.9212 1.0465	1.0565	1.0623	1.0832	Ave		1.009 9			0.5000	9.1		20.0			
1,2-Dichloroethane	0.3619 0.3820	0.3545 0.3644	0.3753	0.3832	0.3855	Ave		0.372 4			0.1000	3.3		20.0			
t-Amyl methyl ether	0.6763 0.7743	0.6819 0.7368	0.7310	0.7332	0.7609	Ave		0.727 8				5.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	++++ 0.2531	0.1354 0.2847	0.2568	0.2936	0.2931	Lin1	-0.41 4	0.282 7							0.9960		0.9900
n-Butanol	0.1784 0.2666	0.1727 0.2357	0.2464	0.2095	0.2206	Ave		0.218 6				15.8		20.0			
Trichloroethene	0.1911 0.2825	0.2236 0.2789	0.2770	0.2830	0.2885	Ave		0.260 6			0.2000	14.5		20.0			
Ethyl acrylate	0.3444 0.4237	0.3603 0.4172	0.3738	0.3981	0.4045	Ave		0.388 9				7.7		20.0			
Methylcyclohexane	0.1263 0.3846	0.1975 0.4268	0.3845	0.4308	0.4437	Lin1	-0.39 2	0.422 3			0.1000				0.9970		0.9900
1,2-Dichloropropane	0.2142 0.2693	0.2303 0.2662	0.2518	0.2697	0.2704	Ave		0.253 1			0.1000	8.9		20.0			
t-Amyl ethyl ether	0.3229 0.3668	0.3063 0.3560	0.3508	0.3548	0.3565	Ave		0.344 9				6.3		20.0			
1,4-Dioxane	++++ 0.0625	0.0552 0.0619	0.0681	0.0537	0.0540	Ave		0.059 2			0.0050	9.8		20.0			
Dibromomethane	0.1682 0.1805	0.1684 0.1737	0.1667	0.1754	0.1795	Ave		0.173 2				3.2		20.0			
Methyl methacrylate	0.2089 0.2378	0.1932 0.2248	0.2182	0.2161	0.2243	Ave		0.217 6				6.4		20.0			
Bromodichloromethane	0.2805 0.3708	0.3001 0.3606	0.3282	0.3419	0.3652	Ave		0.335 3			0.2000	10.3		20.0			
2-Nitropropane	1.5437 2.0753	1.5438 1.9835	1.8625	1.7151	1.9218	Ave		1.806 5				11.7		20.0			
2-Chloroethyl vinyl ether	0.1704 0.2077	0.1537 0.2048	0.1734	0.1924	0.1834	Ave		0.183 7				10.6		20.0			
cis-1,3-Dichloropropene	0.3051 0.4454	0.3442 0.4406	0.3947	0.4120	0.4324	Ave		0.396 3			0.2000	13.4		20.0			
4-Methyl-2-pentanone (MIBK)	0.4411 0.5448	0.4478 0.4677	0.3992	0.4513	0.4507	Ave		0.457 5			0.1000	9.6		20.0			
Toluene	0.7249 0.8990	0.7484 0.8837	0.8763	0.9212	0.9236	Ave		0.853 9			0.4000	9.6		20.0			
trans-1,3-Dichloropropene	0.4592 0.5451	0.4314 0.5249	0.4983	0.5160	0.5274	Ave		0.500 3			0.1000	8.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.4433 0.5412	0.4677 0.4776	0.5467	0.5088	0.5132	Ave		0.499 8				7.7		20.0			
1,1,2-Trichloroethane	0.2987 0.3288	0.2871 0.3011	0.3306	0.3112	0.3186	Ave		0.310 9			0.1000	5.2		20.0			
Tetrachloroethene	0.2651 0.3989	0.3148 0.4020	0.3897	0.4320	0.4301	Ave		0.376 1			0.2000	16.6		20.0			
1,3-Dichloropropane	0.4342 0.5150	0.4368 0.4870	0.4996	0.5002	0.5081	Ave		0.483 0				6.9		20.0			
2-Hexanone	0.4356 0.5146	0.4549 0.4328	0.3984	0.4380	0.4401	Ave		0.444 9			0.1000	7.9		20.0			
Dibromochloromethane	0.3010 0.4168	0.3142 0.3880	0.3886	0.3829	0.3938	Ave		0.369 3				11.8		20.0			
1,2-Dibromoethane (EDB)	0.3089 0.3524	0.3151 0.3288	0.3364	0.3353	0.3469	Ave		0.332 0			0.1000	4.8		20.0			
1-Chlorohexane	0.3206 0.4071	0.2982 0.4312	0.4107	0.4510	0.4629	Ave		0.397 4				16.0		20.0			
Chlorobenzene	0.7569 1.0078	0.8375 0.9888	0.9683	1.0006	1.0191	Ave		0.939 9			0.5000	10.8		20.0			
1,1,1,2-Tetrachloroethane	0.2920 0.4028	0.3203 0.3748	0.3846	0.3892	0.3941	Ave		0.365 4				11.5		20.0			
Ethylbenzene	1.2914 1.7595	1.3894 1.7494	1.7534	1.8104	1.8274	Ave		1.654 4			0.1000	13.2		20.0			
m&p-Xylene	0.4498 0.6855	0.5389 0.6803	0.6628	0.6965	0.7107	Ave		0.632 1			0.1000	15.6		20.0			
n-Butyl acrylate	0.7047 0.7568	0.7520 0.7208	0.7296	0.7859	0.7691	Ave		0.745 5				3.8		20.0			
o-Xylene	0.4620 0.6987	0.5619 0.6820	0.6929	0.7126	0.7179	Ave		0.646 9			0.3000	15.0		20.0			
Styrene	0.7772 1.1465	0.9158 1.1209	1.1083	1.1344	1.1394	Ave		1.048 9			0.3000	13.8		20.0			
Bromoform	0.2411 0.3352	0.2560 0.3095	0.3075	0.2856	0.3084	Ave		0.291 9			0.1000	11.4		20.0			
Isopropylbenzene	+++++ 1.7868	1.2473 1.7882	1.7596	1.8473	1.8813	Ave		1.718 4			0.1000	13.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.4389 0.2337	0.4259 0.2422	0.2230	0.2203	0.2223	Ave		0.286 6				34.9	*	20.0			
Bromobenzene	0.6409 0.8310	0.6232 0.8004	0.7715	0.7747	0.8135	Ave		0.750 7				11.2		20.0			
1,1,2,2-Tetrachloroethane	0.9462 1.1182	0.8855 0.9874	1.0966	1.0063	1.0247	Ave		1.009 3			0.3000	8.0		20.0			
trans-1,4-Dichloro-2-butene	0.2466 0.3314	0.2655 0.2983	0.3267	0.2999	0.3108	Ave		0.297 0				10.5		20.0			
1,2,3-Trichloropropane	0.2555 0.3120	0.2673 0.2767	0.3322	0.2852	0.2959	Ave		0.289 3				9.2		20.0			
N-Propylbenzene	++++ 3.5958	2.3356 3.6238	3.4503	3.6523	3.7795	Ave		3.406 2				15.7		20.0			
2-Chlorotoluene	0.4854 0.7615	0.5751 0.7404	0.7285	0.7481	0.7698	Ave		0.687 0				16.2		20.0			
1,3,5-Trimethylbenzene	++++ 2.6116	1.6053 2.6680	2.4223	2.5671	2.6598	Ave		2.422 4				16.9		20.0			
4-Chlorotoluene	0.4792 0.7402	0.5404 0.7358	0.6952	0.7241	0.7509	Ave		0.666 5				16.5		20.0			
tert-Butylbenzene	++++ 0.4517	0.2640 0.4747	0.4008	0.4524	0.4748	Ave		0.419 7				19.3		20.0			
1,2,4-Trimethylbenzene	1.6447 2.7046	1.7735 2.7010	2.5117	2.6569	2.7595	Ave		2.393 1				19.8		20.0			
sec-Butylbenzene	++++ 2.9866	1.6838 3.1539	2.8067	2.9921	3.1926	Ave		2.802 6				20.2	*	20.0			
1,3-Dichlorobenzene	0.9535 1.4470	1.0507 1.3937	1.4094	1.3820	1.4410	Ave		1.296 8			0.6000	15.8		20.0			
p-Isopropyltoluene	++++ 2.6498	1.5691 2.7712	2.4717	2.6522	2.8121	Ave		2.487 7				18.7		20.0			
1,4-Dichlorobenzene	1.0917 1.4560	1.0645 1.4065	1.4370	1.3972	1.4507	Ave		1.329 1			0.5000	13.0		20.0			
1,2,3-Trimethylbenzene	++++ 2.7234	1.7601 2.7206	2.5372	2.6393	2.7290	Ave		2.518 3				15.0		20.0			
Benzyl chloride	1.4229 2.1940	1.5432 1.9696	2.0561	1.9458	2.0261	Ave		1.879 7				15.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	+++++ 1.4264	0.8374 1.4688	1.3484	1.4404	1.5167	Ave		1.339 7				18.8		20.0			
1,4-Diethylbenzene	+++++ 1.5153	0.9226 1.5583	1.4818	1.5447	1.6150	Ave		1.439 6				17.9		20.0			
n-Butylbenzene	+++++ 1.1785	0.7046 1.2412	1.1660	1.2400	1.2856	Ave		1.136 0				19.0		20.0			
1,2-Dichlorobenzene	1.0363 1.4862	1.0690 1.4068	1.4549	1.3975	1.4701	Ave		1.331 6		0.4000		14.5		20.0			
1,2-Diethylbenzene	+++++ 1.2449	0.7314 1.2827	1.1502	1.2315	1.2972	Ave		1.156 3				18.5		20.0			
1,2-Dibromo-3-Chloropropane	0.2338 0.3088	0.2573 0.2705	0.3063	0.2896	0.2830	Ave		0.278 5		0.0500		9.7		20.0			
1,3,5-Trichlorobenzene	0.6184 0.9499	0.6225 0.9414	0.9602	0.9813	1.0088	Ave		0.868 9				19.7		20.0			
1,2,4-Trichlorobenzene	0.6801 0.9314	0.6638 0.9033	0.9199	0.9669	0.9695	Ave		0.862 1		0.2000		15.3		20.0			
2-Ethylhexyl acrylate	0.6484 0.8577	0.6781 0.8144	0.7330	0.8514	0.8601	Ave		0.777 6				11.6		20.0			
Hexachlorobutadiene	0.2085 0.3699	0.2089 0.3858	0.3700	0.3909	0.4129	Lin1	-0.25 3	0.387 0							0.9980		0.9900
Naphthalene	2.5635 3.7110	2.7775 3.3914	3.6671	3.6611	3.5361	Ave		3.329 7				14.0		20.0			
1,2,3-Trichlorobenzene	0.6566 0.9206	0.6267 0.8717	0.9046	0.9524	0.9265	Ave		0.837 0				16.2		20.0			
2-Methylnaphthalene	0.9955 1.6653	1.0574 1.5622	1.5687	1.6930	1.6379	Ave		1.454 3				20.4	*	20.0			
Dibromofluoromethane (Surr)	0.2760 0.2676	0.2714 0.2592	0.2693	0.2690	0.2653	Ave		0.268 2				1.9		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0598 0.0578	0.0590 0.0570	0.0586	0.0581	0.0580	Ave		0.058 3				1.6		20.0			
Toluene-d8 (Surr)	1.3404 1.2959	1.3409 1.2922	1.3252	1.3333	1.3290	Ave		1.322 4				1.5		20.0			
4-Bromofluorobenzene (Surr)	0.4934 0.4721	0.4965 0.4775	0.4858	0.4818	0.4862	Ave		0.484 8				1.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/12	5G11X11.D
Level 2	IC 410-683596/13	5G11X12.D
Level 3	IC 410-683596/14	5G11X13.D
Level 4	IC 410-683596/15	5G11X14.D
Level 5	ICIS 410-683596/16	5G11X15.D
Level 6	IC 410-683596/17	5G11X16.D
Level 7	IC 410-683596/18	5G11X17.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	9351 1165230	46044 3454862	118140	212349	599487	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	10419 1070590	44399 3191680	110379	198633	534454	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	8681 952422	38457 2877322	97341	174022	487806	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	10120 891374	38714 2661219	93876	162954	448823	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	5617 654563	24401 1989141	61830	116393	327263	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	4010 464050	18788 1407374	46229	84657	233246	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	13690 1450021	58673 4309531	147297	264181	722652	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	5984 808104	22380 2707402	75388	174802	438219	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	10483 1197296	48226 3596484	121269	217513	618819	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl ether	FB	Ave	3815 421885	16643 1201833	39417	82345	205205	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	6486 723352	28819 2127356	72569	130446	367510	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBA d10	Ave	18544 1980897	75437 5480956	156074	363159	856266	9.76 976	39.0 2928	97.6	195	488
1,1-Dichloroethene	FB	Ave	3506 490321	15955 1547832	48031	100643	255638	1.00 100	4.00 300	10.0	20.0	50.0
Acetone	TBA d10	Ave	1912 174728	7075 505724	13515	33982	78742	2.00 200	8.00 600	20.0	40.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Freon 113	FB	Ave	+++++ 551808	14247 1790583	54241	115330	294698	+++++ 100	4.00 300	10.0	20.0	50.0
Methyl iodide	FB	Ave	8412 1067162	37592 3309458	102785	212819	545137	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBA d10	Ave	4222 368286	16139 943432	38680	69632	171468	5.00 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	12513 1724671	57671 5470718	172444	351227	896874	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	8235 651862	29797 1905117	62821	135603	328166	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	7080 831335	30824 2577488	77540	169709	436251	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	5010 570141	20705 1770244	55611	116157	292365	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBA d10	Ave	6982 746767	28175 1854516	84634	134213	329524	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	8059 836974	32797 2440053	80541	167032	412326	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	15968 1693992	65077 4999823	157393	333560	857748	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	4296 525886	19414 1601076	51240	110307	274966	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Lin1	+++++ 584639	12655 1941821	58025	133385	345576	+++++ 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	7980 974566	33995 2918906	94081	200203	512599	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	14344 1670732	60347 5071805	156136	332471	852841	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	6233 852103	29610 2601963	82667	174579	453169	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	13249 1666549	58998 4970990	151254	321081	844896	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	11991 1100010	41998 3053698	82978	198779	462180	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	4798 593145	21274 1786609	56463	121774	307472	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	6630 852259	29794 2675675	83401	174495	446115	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBA01	Ave	7502 780040	28794 2223917	74783	142696	362328	5.00 500	20.0 1500	50.0	100	250
Methyl acrylate	FB	Ave	7877 808940	28957 2421690	70858	159742	387464	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	7142 850471	32496 2472616	76679	161721	411246	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	2503 300040	11205 910361	29593	59914	153775	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBA01	Ave	6837 694844	25964 2007017	65522	132374	322969	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	8715 998345	34915 3017962	95482	205945	515914	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	5816 908679	29008 2840639	87268	183012	474372	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	++++ 885411	21906 2975241	85723	186094	489782	++++ 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	5484 799937	24211 2506879	73461	161304	421185	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	5385 767271	25606 2395027	72556	157425	402423	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBA01	Ave	6967 697067	22112 1774174	68923	123295	283482	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	17379 2253881	78133 7017063	217489	449882	1160979	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	7491 812338	30068 2443219	77264	162260	413185	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	13997 1646767	57839 4940527	150469	310482	815543	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Lin1	++++ 538327	11488 1908887	52860	124349	314147	++++ 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBA01	Ave	3245 494523	13568 1301504	43527	81103	197015	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	3955 600712	18963 1870449	57013	119836	309199	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	7132 901424	30571 2798978	76976	168686	433722	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Lin1	2613	16755	79146	182443	475548	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			817900	2862160				100	300			
1,2-Dichloropropane	FB	Ave	4434 572675	19536 1784721	51830	114219	289849	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	6682 780127	25981 2387283	72204	150241	382108	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBA d10	Ave	++++ 115859	4336 341714	12023	20801	48200	++++ 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	3482 383817	14281 1165049	34306	74285	192434	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	4324 505801	16388 1507339	44927	91524	240379	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	5806 788663	25450 2417859	67556	144784	391458	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBA d10	Ave	11229 1540019	48513 4380817	131611	265524	686691	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3527 441793	13035 1373373	35694	81470	196551	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	6315 947240	29192 2954205	81254	174488	463389	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	18260 2317195	75955 6272206	164345	382244	966092	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZ d5	Ave	10641 1468688	45393 4643368	130107	282662	730256	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZ d5	Ave	6740 890550	26167 2758112	73981	158339	417013	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZ d5	Ave	6507 884278	28368 2509850	81161	156119	405764	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZ d5	Ave	4384 537215	17412 1582419	49088	95478	251924	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZ d5	Ave	3892 651669	19095 2112393	57860	132567	340045	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZ d5	Ave	6373 841462	26495 2558941	74176	153480	401696	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZ d5	Ave	12788 1681415	55187 4548216	118303	268777	696000	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZ d5	Ave	4419 680887	19056 2039020	57700	117490	311344	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZ d5	Ave	4535 575772	19113 1727577	49950	102879	274295	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 683596

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBZd5	Ave	4706 665111	18085 2266056	60973	138375	365973	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	11111 1646561	50800 5195866	143756	307026	805726	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	4287 658084	19428 1969312	57094	119435	311630	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	18956 2874664	84275 9192268	260320	555523	1444828	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	13205 2239983	65375 7149793	196797	427452	1123853	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	10345 1236557	45615 3787918	108331	241170	608142	1.00 100	4.00 300	10.0	20.0	50.0
o-Xylene	CBZd5	Ave	6782 1141573	34082 3583772	102867	218652	567594	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	11409 1873052	55545 5889896	164543	348095	900907	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3539 547681	15528 1626156	45647	87648	243850	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	++++ 2919283	75652 9396465	261240	566834	1487443	++++ 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBA d1 0	Ave	31930 433619	133847 1337515	78802	170572	198559	50.0 1250	200 3750	250	500	625
Bromobenzene	DCBd4	Ave	5582 747268	22895 2298081	66606	136785	361984	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	8241 1005509	32532 2834827	94670	177683	455993	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	5370 744966	24388 2141106	70519	132388	345798	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	2225 280545	9820 794505	28683	50351	131672	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	++++ 3233515	85805 10404262	297883	644904	1681833	++++ 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	4228 684801	21127 2125855	62895	132097	342562	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	++++ 2348495	58974 7660091	209131	453279	1183608	++++ 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	4174 665665	19852 2112640	60019	127850	334123	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	++++	9699	34601	79879	211264	++++	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			406189	1363003				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	14325 2432083	65153 7754806	216845	469139	1227936	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	++++ 2685694	61858 9055074	242312	528318	1420686	++++ 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	8305 1301192	38599 4001556	121682	244028	641244	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	++++ 2382863	57644 7956525	213390	468315	1251350	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	9508 1309358	39106 4038158	124061	246704	645546	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	++++ 2449068	64664 7811010	219048	466029	1214398	++++ 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	12393 1973010	56693 5654923	177515	343570	901585	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	++++ 1282730	30765 4217135	116414	254334	674938	++++ 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	++++ 1362612	33896 4474067	127932	272745	718668	++++ 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	++++ 1059813	25886 3563504	100668	218959	572085	++++ 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	9026 1336500	39271 4039103	125611	246768	654199	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	++++ 1119527	26869 3682743	99306	217453	577238	++++ 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	2036 277681	9454 776704	26446	51129	125928	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	5386 854178	22868 2702766	82898	173266	448924	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	5923 837552	24385 2593360	79417	170720	431420	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	5648 771431	24918 2338715	63298	150356	382815	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Lin1	1816 332665	7674 1107600	31942	69014	183731	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	22327 3337135	102039 9736936	316595	646455	1573513	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	5719 827839	23025 2502762	78095	168164	412269	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	8670	38848	135429	298931	728839	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1497524	4485157				100	300			
Dibromofluoromethane (Surr)	FB	Ave	285612 284537	287719 289624	277220	284753	284355	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	61880 61434	62502 63651	60305	61476	62112	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	983756 1058632	1016657 1131641	983769	1022820	1050754	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	362140 385661	376420 418150	360618	369631	384428	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:

Ave = Average ISTD Lin1 = Linear 1/conc ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-683596/12	5G11X11.D
Level 2	IC 410-683596/13	5G11X12.D
Level 3	IC 410-683596/14	5G11X13.D
Level 4	IC 410-683596/15	5G11X14.D
Level 5	ICIS 410-683596/16	5G11X15.D
Level 6	IC 410-683596/17	5G11X16.D
Level 7	IC 410-683596/18	5G11X17.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	-14.3 -2.3	2.9	8.8	-4.9	6.0	3.9	50 30	30	30	30	30	30
Chloromethane	0.4 -5.1	4.4	6.9	-6.5	-0.6	0.4	50 30	30	30	30	30	30
Vinyl chloride	-4.9 -2.8	2.8	7.2	-6.9	3.1	1.5	50 30	30	30	30	30	30
1,3-Butadiene	13.3 -8.0	5.8	5.7	-10.8	-3.0	-2.9	50 30	30	30	30	30	30
Bromomethane	-7.1 1.6	-1.5	2.9	-5.9	4.6	5.4	50 30	30	30	30	30	30
Chloroethane	-8.7 -1.1	4.4	5.8	-5.8	2.6	2.8	50 30	30	30	30	30	30
Dichlorofluoromethane	-1.3 -4.1	3.2	6.8	-6.9	0.6	1.7	50 30	30	30	30	30	30
n-Pentane	-19.8 12.0	-26.8	1.5	14.4	13.4	5.4	50 30	30	30	30	30	30
Trichlorofluoromethane	-8.0 -2.6	3.3	7.0	-6.7	4.9	2.2	50 30	30	30	30	30	30
Ethyl ether	-3.4 -6.1	2.8	0.4	1.9	0.3	4.0	50 30	30	30	30	30	30
Freon 123a	-5.2 -4.0	2.8	6.6	-6.8	3.7	2.9	50 30	30	30	30	30	30
Acrolein	4.7 1.9	-1.5	-9.3	-3.7	-1.6	9.6	50 30	30	30	30	30	30
1,1-Dichloroethene	-22.4 5.7	-13.8	6.9	8.8	9.2	5.6	50 30	30	30	30	30	30
Acetone	16.2 1.2	-0.5	-15.5	-3.0	-2.6	4.1	50 30	30	30	30	30	30
Freon 113	++++ 6.4	-33.0	5.0	8.6	9.6	3.4	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-15.2 3.0	-7.5	4.2	4.8	6.1	4.7	50 30	30	30	30	30	30
2-Propanol	16.3 -14.4	2.9	9.7	-9.9	-3.9	-0.6	50 30	30	30	30	30	30
Carbon disulfide	-21.8 5.5	-12.1	8.3	7.2	8.2	4.8	50 30	30	30	30	30	30
Methyl acetate	22.6 -12.4	8.3	-6.0	-1.3	-5.6	-5.5	50 30	30	30	30	30	30
Allyl chloride	-10.2 1.0	-4.5	-1.1	5.3	6.9	2.7	50 30	30	30	30	30	30
Methylene Chloride	-7.7 0.7	-6.9	3.0	4.6	4.0	2.2	50 30	30	30	30	30	30
t-Butyl alcohol	0.4 -12.1	-6.2	25.3	-9.3	-3.5	5.3	50 30	30	30	30	30	30
Acrylonitrile	0.8 -5.8	0.1	1.3	2.1	-0.4	1.9	50 30	30	30	30	30	30
Methyl tert-butyl ether	-0.6 -3.9	-1.2	-1.5	1.5	3.1	2.6	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	-13.9 -1.0	-5.1	3.2	8.0	6.4	2.5	50 30	30	30	30	30	30
n-Hexane	++++ -0.9	-24.2	6.1	12.4	11.9	-5.3	30	50	30	30	30	30
1,1-Dichloroethane	-12.6 -1.3	-9.1	3.6	7.2	8.4	3.9	50 30	30	30	30	30	30
Isopropyl ether	-8.2 0.2	-5.8	0.4	4.0	5.4	4.0	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-21.2 1.5	-8.7	5.1	7.9	10.6	4.8	50 30	30	30	30	30	30
Ethyl t-butyl ether	-12.9 0.9	-5.3	0.0	3.2	7.3	6.7	50 30	30	30	30	30	30
2-Butanone (MEK)	21.0 -4.9	3.4	-15.8	-1.9	-9.9	8.1	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	-13.5 -0.6	-6.4	2.3	7.3	7.0	4.0	50 30	30	30	30	30	30
2,2-Dichloropropane	-17.1 3.3	-9.1	4.9	6.6	7.7	3.7	50 30	30	30	30	30	30
Propionitrile	3.1 0.7	-8.4	5.8	-7.8	1.4	5.1	50 30	30	30	30	30	30
Methyl acrylate	4.6 -0.7	-6.1	-5.4	3.7	-0.6	4.6	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	-8.3 -2.0	1.8	-1.0	1.4	1.9	6.2	50 30	30	30	30	30	30
Bromochloromethane	-11.7 -0.9	-3.5	5.0	3.3	4.8	3.0	50 30	30	30	30	30	30
Tetrahydrofuran	4.5 1.0	-8.2	3.1	-5.0	0.5	4.1	50 30	30	30	30	30	30
Chloroform	-7.4 -1.0	-9.5	2.0	6.9	5.8	3.2	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-29.1 7.0	-13.7	7.0	9.1	11.7	7.9	50 30	30	30	30	30	30
Cyclohexane	++++ 9.5	-36.3	2.8	8.4	12.8	2.7	30	50	30	30	30	30
Carbon tetrachloride	-23.7 7.6	-17.8	2.8	9.7	13.1	8.3	50 30	30	30	30	30	30
1,1-Dichloropropene	-23.5 5.1	-11.2	3.7	9.3	10.4	6.1	50 30	30	30	30	30	30
Isobutyl alcohol	12.3 -5.8	-17.5	14.4	-6.6	-7.0	10.2	50 30	30	30	30	30	30
Benzene	-16.9 3.6	-8.8	4.6	5.2	7.3	4.9	50 30	30	30	30	30	30
1,2-Dichloroethane	-2.8 -2.2	-4.8	0.8	2.9	3.5	2.6	50 30	30	30	30	30	30
t-Amyl methyl ether	-7.1 1.2	-6.3	0.4	0.7	4.6	6.4	50 30	30	30	30	30	30
n-Heptane	++++ 1.2	-15.4	5.5	11.2	6.6	-9.0	30	50	30	30	30	30
n-Butanol	-18.4 7.9	-21.0	12.7	-4.1	0.9	22.0	50 30	30	30	30	30	30
Trichloroethene	-26.7 7.0	-14.2	6.3	8.6	10.7	8.4	50 30	30	30	30	30	30
Ethyl acrylate	-11.4 7.3	-7.3	-3.9	2.4	4.0	9.0	50 30	30	30	30	30	30
Methylcyclohexane	22.7 1.4	-30.0	0.3	6.7	6.9	-8.0	50 30	30	30	30	30	30
1,2-Dichloropropane	-15.4 5.1	-9.0	-0.5	6.5	6.8	6.4	50 30	30	30	30	30	30
t-Amyl ethyl ether	-6.4 3.2	-11.2	1.7	2.9	3.4	6.4	50 30	30	30	30	30	30
1,4-Dioxane	++++ 4.5	-6.8	14.9	-9.2	-8.9	5.5	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dibromomethane	-2.9 0.3	-2.8	-3.8	1.3	3.7	4.2	50 30	30	30	30	30	30
Methyl methacrylate	-4.0 3.3	-11.2	0.3	-0.7	3.1	9.3	50 30	30	30	30	30	30
Bromodichloromethane	-16.3 7.5	-10.5	-2.1	2.0	8.9	10.6	50 30	30	30	30	30	30
2-Nitropropane	-14.6 9.8	-14.5	3.1	-5.1	6.4	14.9	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-7.2 11.5	-16.3	-5.6	4.7	-0.2	13.1	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-23.0 11.2	-13.2	-0.4	4.0	9.1	12.4	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-3.6 2.2	-2.1	-12.7	-1.4	-1.5	19.1	50 30	30	30	30	30	30
Toluene	-15.1 3.5	-12.4	2.6	7.9	8.2	5.3	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-8.2 4.9	-13.8	-0.4	3.1	5.4	8.9	50 30	30	30	30	30	30
Ethyl methacrylate	-11.3 -4.4	-6.4	9.4	1.8	2.7	8.3	50 30	30	30	30	30	30
1,1,2-Trichloroethane	-3.9 -3.1	-7.7	6.4	0.1	2.5	5.8	50 30	30	30	30	30	30
Tetrachloroethene	-29.5 6.9	-16.3	3.6	14.9	14.4	6.1	50 30	30	30	30	30	30
1,3-Dichloropropane	-10.1 0.8	-9.6	3.4	3.6	5.2	6.6	50 30	30	30	30	30	30
2-Hexanone	-2.1 -2.7	2.3	-10.5	-1.6	-1.1	15.7	50 30	30	30	30	30	30
Dibromochloromethane	-18.5 5.1	-14.9	5.2	3.7	6.6	12.8	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-6.9 -1.0	-5.1	1.3	1.0	4.5	6.2	50 30	30	30	30	30	30
1-Chlorohexane	-19.3 8.5	-25.0	3.3	13.5	16.5	2.4	50 30	30	30	30	30	30
Chlorobenzene	-19.5 5.2	-10.9	3.0	6.5	8.4	7.2	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-20.1 2.6	-12.3	5.2	6.5	7.9	10.2	50 30	30	30	30	30	30
Ethylbenzene	-21.9 5.7	-16.0	6.0	9.4	10.5	6.4	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.: _____

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-28.8 7.6	-14.7	4.9	10.2	12.4	8.5	50 30	30	30	30	30	30
n-Butyl acrylate	-5.5 -3.3	0.9	-2.1	5.4	3.2	1.5	50 30	30	30	30	30	30
o-Xylene	-28.6 5.4	-13.1	7.1	10.2	11.0	8.0	50 30	30	30	30	30	30
Styrene	-25.9 6.9	-12.7	5.7	8.2	8.6	9.3	50 30	30	30	30	30	30
Bromoform	-17.4 6.0	-12.3	5.3	-2.1	5.7	14.8	50 30	30	30	30	30	30
Isopropylbenzene	++++ 4.1	-27.4	2.4	7.5	9.5	4.0	30	50	30	30	30	30
Cyclohexanone	53.1 * -15.5	48.6 *	-22.2	-23.1	-22.5	-18.5	50 30	30	30	30	30	30
Bromobenzene	-14.6 6.6	-17.0	2.8	3.2	8.4	10.7	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-6.2 -2.2	-12.3	8.6	-0.3	1.5	10.8	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-17.0 0.4	-10.6	10.0	1.0	4.6	11.6	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-11.7 -4.3	-7.6	14.9	-1.4	2.3	7.9	50 30	30	30	30	30	30
N-Propylbenzene	++++ 6.4	-31.4	1.3	7.2	11.0	5.6	30	50	30	30	30	30
2-Chlorotoluene	-29.3 7.8	-16.3	6.0	8.9	12.1	10.8	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	++++ 10.1	-33.7	0.0	6.0	9.8	7.8	30	50	30	30	30	30
4-Chlorotoluene	-28.1 10.4	-18.9	4.3	8.6	12.6	11.1	50 30	30	30	30	30	30
tert-Butylbenzene	++++ 13.1	-37.1	-4.5	7.8	13.1	7.6	30	50	30	30	30	30
1,2,4-Trimethylbenzene	-31.3 12.9	-25.9	5.0	11.0	15.3	13.0	50 30	30	30	30	30	30
sec-Butylbenzene	++++ 12.5	-39.9	0.1	6.8	13.9	6.6	30	50	30	30	30	30
1,3-Dichlorobenzene	-26.5 7.5	-19.0	8.7	6.6	11.1	11.6	50 30	30	30	30	30	30
p-Isopropyltoluene	++++ 11.4	-36.9	-0.6	6.6	13.0	6.5	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 683596
Environment Testing, LLC

SDG No.:

Instrument ID: 26285 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 08/11/2025 18:58 Calibration End Date: 08/11/2025 21:01 Calibration ID: 75615

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-17.9 5.8	-19.9	8.1	5.1	9.2	9.6	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	++++ 8.0	-30.1	0.8	4.8	8.4	8.1	30	50	30	30	30	30
Benzyl chloride	-24.3 4.8	-17.9	9.4	3.5	7.8	16.7	50 30	30	30	30	30	30
1,3-Diethylbenzene	++++ 9.6	-37.5	0.6	7.5	13.2	6.5	30	50	30	30	30	30
1,4-Diethylbenzene	++++ 8.2	-35.9	2.9	7.3	12.2	5.3	30	50	30	30	30	30
n-Butylbenzene	++++ 9.3	-38.0	2.6	9.2	13.2	3.7	30	50	30	30	30	30
1,2-Dichlorobenzene	-22.2 5.7	-19.7	9.3	5.0	10.4	11.6	50 30	30	30	30	30	30
1,2-Diethylbenzene	++++ 10.9	-36.8	-0.5	6.5	12.2	7.7	30	50	30	30	30	30
1,2-Dibromo-3-Chloropropane	-16.1 -2.9	-7.6	10.0	4.0	1.6	10.9	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	-28.8 8.3	-28.4	10.5	12.9	16.1	9.3	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-21.1 4.8	-23.0	6.7	12.2	12.5	8.0	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	-16.6 4.7	-12.8	-5.7	9.5	10.6	10.3	50 30	30	30	30	30	30
Hexachlorobutadiene	19.2 -0.1	-29.7	2.1	4.3	8.0	-3.8	50 30	30	30	30	30	30
Naphthalene	-23.0 1.9	-16.6	10.1	10.0	6.2	11.5	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	-21.5 4.1	-25.1	8.1	13.8	10.7	10.0	50 30	30	30	30	30	30
2-Methylnaphthalene	-31.5 7.4	-27.3	7.9	16.4	12.6	14.5	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	2.9 -3.4	1.2	0.4	0.3	-1.1	-0.2	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	2.6 -2.3	1.1	0.5	-0.4	-0.6	-0.9	50 30	30	30	30	30	30
Toluene-d8 (Surr)	1.4 -2.3	1.4	0.2	0.8	0.5	-2.0	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	1.8 -1.5	2.4	0.2	-0.6	0.3	-2.6	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 11-Aug-2025 18:58:30 ALS Bottle#: 11 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-012
 Misc. Info.: IC V1
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:10 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 23:03:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	33	9351	1.00	0.8565	
4 Chloromethane	50	1.750	1.750	0.000	99	10419	1.00	1.00	
6 Vinyl chloride	62	1.842	1.841	0.001	96	8681	1.00	0.9506	
5 Butadiene	39	1.866	1.866	0.000	85	10120	1.00	1.13	M
9 Bromomethane	94	2.122	2.128	-0.006	91	5617	1.00	0.9294	
10 Chloroethane	64	2.153	2.152	0.001	38	4010	1.00	0.9130	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	95	13690	1.00	0.9870	
12 Pentane	43	2.390	2.402	-0.012	43	5984	1.00	0.8017	M
13 Trichlorofluoromethane	101	2.433	2.439	-0.006	89	10483	1.00	0.9198	
15 Ethyl ether	59	2.585	2.579	0.006	87	3815	1.00	0.9664	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	41	6486	1.00	0.9480	
17 Acrolein	56	2.720	2.725	-0.005	98	18544	9.76	10.2	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	87	3506	1.00	0.7758	
19 Acetone	58	2.890	2.866	0.024	98	1912	2.00	2.32	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.896	2.884	0.012	50	2543	1.00	0.4898	
21 Iodomethane	142	3.012	3.018	-0.006	73	8412	1.00	0.8479	
22 Isopropyl alcohol	45	3.073	3.024	0.049	6	4222	5.00	5.81	M
23 Carbon disulfide	76	3.085	3.152	-0.067	56	12513	1.00	0.7815	M
25 Methyl acetate	43	3.189	3.201	-0.012	64	8235	1.00	1.23	
26 3-Chloro-1-propene	41	3.213	3.219	-0.006	79	7080	1.00	0.8985	
28 Methylene Chloride	84	3.396	3.384	0.012	9	5010	1.00	0.9232	M
* 29 t-Butyl alcohol-d10 (IS)	65	3.445	3.439	0.006	42	363713	250.0	250.0	M
30 2-Methyl-2-propanol	59	3.494	3.518	-0.024	28	6982	5.00	5.02	
31 Acrylonitrile	53	3.658	3.652	0.006	70	8059	2.50	2.52	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	95	4296	1.00	0.8605	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	93	15968	1.00	0.99	
34 Hexane	57	4.091	4.091	0.000	20	2113	1.00	1.35	
36 1,1-Dichloroethane	63	4.299	4.323	-0.024	90	7980	1.00	0.8740	M
38 Isopropyl ether	45	4.384	4.390	-0.006	53	14344	1.00	0.9178	M
39 2-Chloro-1,3-butadiene	53	4.420	4.439	-0.019	93	6233	1.00	0.7879	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.963	4.963	0.000	92	13249	1.00	0.8715	
42 2-Butanone (MEK)	43	5.207	5.194	0.013	88	11991	2.00	2.42	
43 cis-1,2-Dichloroethene	96	5.189	5.207	-0.018	24	4798	1.00	0.8647	M
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	54	6630	1.00	0.8290	
45 Propionitrile	54	5.292	5.298	-0.006	89	7502	5.00	5.16	
46 Methyl acrylate	55	5.329	5.329	0.000	30	7877	1.00	1.05	M
47 Methacrylonitrile	67	5.506	5.511	-0.005	88	7142	2.50	2.29	M
48 Chlorobromomethane	128	5.554	5.554	0.000	70	2503	1.00	0.8831	
49 Tetrahydrofuran	71	5.585	5.572	0.013	77	6837	5.00	5.22	
50 Chloroform	83	5.725	5.725	0.000	55	8715	1.00	0.9258	
52 1,1,1-Trichloroethane	97	5.932	5.944	-0.012	46	5816	1.00	0.7095	
\$ 51 Dibromofluoromethane (Surr)	113	5.951	5.950	0.001	94	285612	50.0	51.4	
53 Cyclohexane	56	6.018	6.042	-0.024	55	4012	1.00	0.4784	M
S 54 1,2-Dichloroethene, Total	100				0			1.73	
55 Carbon tetrachloride	117	6.170	6.164	0.006	79	5484	1.00	0.7629	
56 1,1-Dichloropropene	75	6.176	6.170	0.006	90	5385	1.00	0.7653	
57 Isobutyl alcohol	41	6.396	6.402	-0.006	32	6967	12.5	14.0	M
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.420	6.426	-0.006	75	61880	50.0	51.3	
59 Benzene	78	6.444	6.444	0.000	90	17379	1.00	0.8315	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	93	7491	1.00	0.9719	
62 Tert-amyl methyl ether	73	6.658	6.664	-0.006	96	13997	1.00	0.9293	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1034825	50.0	50.0	
64 n-Heptane	43	6.908	6.908	0.000	36	3127	1.00	2.00	M
65 n-Butanol	56	7.322	7.328	-0.006	22	3245	12.5	10.2	
66 Trichloroethene	95	7.377	7.377	0.000	96	3955	1.00	0.7332	
67 Ethyl acrylate	55	7.536	7.535	0.001	96	7132	1.00	0.8862	
68 Methylcyclohexane	83	7.682	7.688	-0.006	22	2613	1.00	1.23	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	66	4434	1.00	0.8463	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	92	6682	1.00	0.9362	
72 1,4-Dioxane	88		7.834				ND	ND	
73 Dibromomethane	93	7.841	7.840	0.001	74	3482	1.00	0.9713	
74 Methyl methacrylate	69	7.859	7.846	0.013	87	4324	1.00	0.9600	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	96	5806	1.00	0.8366	
77 2-Nitropropane	41	8.395	8.401	-0.006	98	11229	5.00	4.27	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	85	3527	1.00	0.9277	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	87	6315	1.00	0.7699	
83 4-Methyl-2-pentanone (MIBK)	43	8.901	8.901	0.000	96	18260	2.00	1.93	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	983756	50.0	50.7	
85 Toluene	92	9.115	9.114	0.001	97	10641	1.00	0.8490	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	91	6740	1.00	0.9177	
87 Ethyl methacrylate	69	9.517	9.523	-0.006	87	6507	1.00	0.8869	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	87	4384	1.00	0.9607	
89 Tetrachloroethene	166	9.730	9.736	-0.006	92	3892	1.00	0.7050	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	93	6373	1.00	0.8989	
92 2-Hexanone	43	9.913	9.913	0.000	97	12788	2.00	1.96	
S 98 1,3-Dichloropropene, Total	100				0			1.69	
100 Chlorodibromomethane	129	10.060	10.072	-0.012	87	4419	1.00	0.8151	
101 Ethylene Dibromide	107	10.182	10.181	0.001	91	4535	1.00	0.9306	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	733951	50.0	50.0	
130 Chlorobenzene	112	10.688	10.687	0.001	95	11111	1.00	0.8054	
129 1-Chlorohexane	91	10.681	10.687	-0.006	50	4706	1.00	0.8068	
131 1,1,1,2-Tetrachloroethane	131	10.785	10.779	0.006	46	4287	1.00	0.7992	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	98	18956	1.00	0.7806	
133 m-Xylene & p-Xylene	106	10.907	10.913	-0.006	99	13205	2.00	1.42	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	10345	1.00	0.9453	
S 135 Xylenes, Total	106				0			2.14	
136 o-Xylene	106	11.261	11.260	0.001	96	6782	1.00	0.7143	
137 Styrene	104	11.279	11.279	0.000	93	11409	1.00	0.7410	
138 Bromoform	173	11.444	11.437	0.007	93	3539	1.00	0.8259	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	15308	1.00	0.6069	
141 Cyclohexanone	55	11.657	11.657	0.000	95	31930	50.0	76.6	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	94	362140	50.0	50.9	
144 Bromobenzene	156	11.846	11.846	0.000	85	5582	1.00	0.8537	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	92	8241	1.00	0.9375	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	86	5370	2.50	2.08	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	86	2225	1.00	0.8832	
148 N-Propylbenzene	91	11.931	11.931	0.000	98	18667	1.00	0.6292	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	4228	1.00	0.7066	
152 1,3,5-Trimethylbenzene	105	12.078	12.077	0.001	93	12318	1.00	0.5839	
153 4-Chlorotoluene	126	12.102	12.102	0.000	97	4174	1.00	0.7190	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	2335	1.00	0.6387	
156 1,2,4-Trimethylbenzene	105	12.370	12.376	-0.006	96	14325	1.00	0.6873	
158 sec-Butylbenzene	105	12.498	12.498	0.000	95	14249	1.00	0.5838	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	92	8305	1.00	0.7353	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	96	12773	1.00	0.5895	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	435478	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	90	9508	1.00	0.8214	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	93	13618	1.00	0.6209	
166 Benzyl chloride	91	12.760	12.754	0.006	98	12393	1.00	0.7570	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	7204	1.00	0.6174	
168 p-Diethylbenzene	119	12.901	12.900	0.001	92	7643	1.00	0.6096	
169 n-Butylbenzene	92	12.919	12.919	0.000	96	5963	1.00	0.6027	
171 1,2-Dichlorobenzene	146	12.937	12.943	-0.006	97	9026	1.00	0.7783	
172 o-diethylbenzene	119	12.968	12.973	-0.005	93	5989	1.00	0.5947	
173 1,2-Dibromo-3-Chloropropane	75	13.510	13.504	0.006	84	2036	1.00	0.8395	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	97	5386	1.00	0.7117	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	88	5923	1.00	0.7888	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	82	5648	1.00	0.8340	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	59	1816	1.00	1.19	
179 Naphthalene	128	14.254	14.254	0.000	97	22327	1.00	0.7699	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	5719	1.00	0.7845	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	89	8670	1.00	0.6845	
S 213 Total Diethylbenzene	1				0			1.82	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppbEE_00642

Amount Added: 12.50

Units: mL

MSV_Cent_ISSS_00041

Amount Added: 5.00

Units: uL

Run Reagent

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D

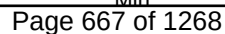
Operator ID: knk41612

Worklist Smp#: 12

ALS Bottle#: 11

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



10/10/2025

Eurofins Lancaster Laboratories Environment Testing, LLC

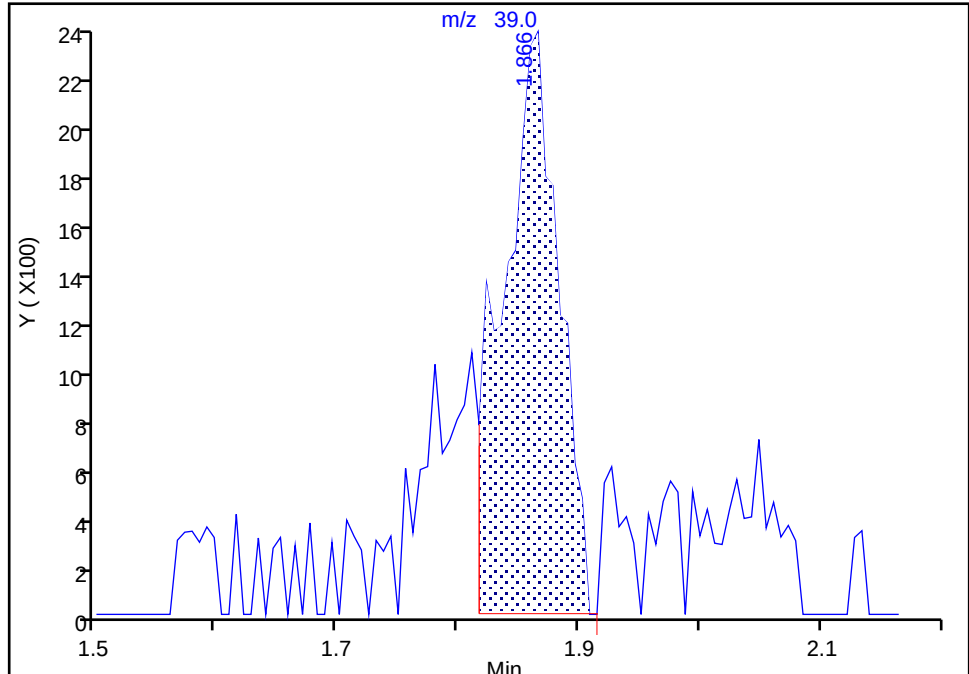
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

5 Butadiene, CAS: 106-99-0

Signal: 1

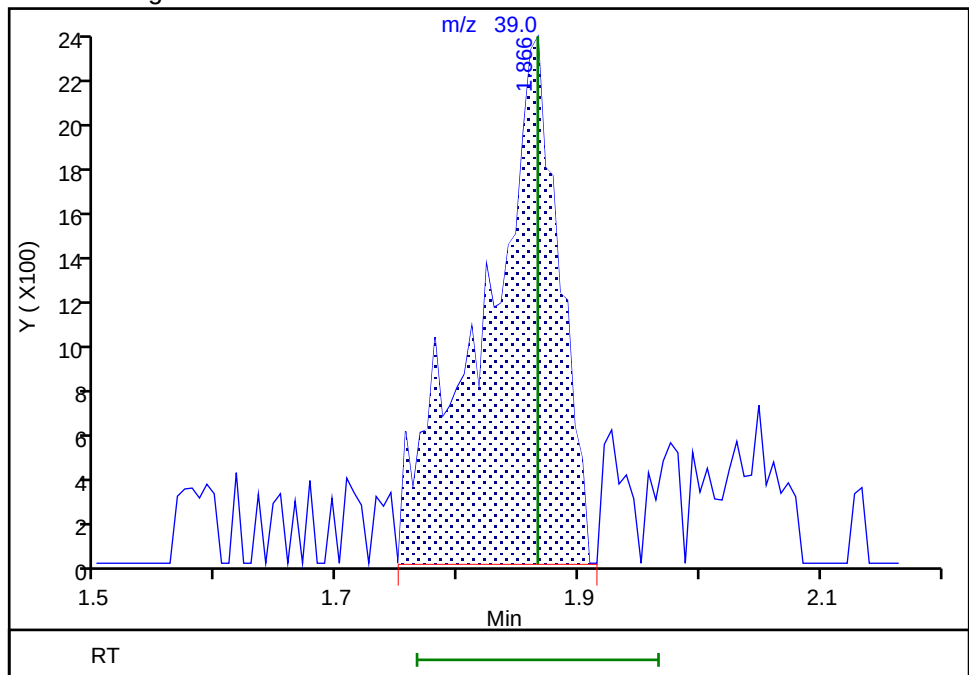
RT: 1.87
Area: 7533
Amount: 0.879763
Amount Units: ug/l

Processing Integration Results



RT: 1.87
Area: 10120
Amount: 1.132991
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:03:41 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

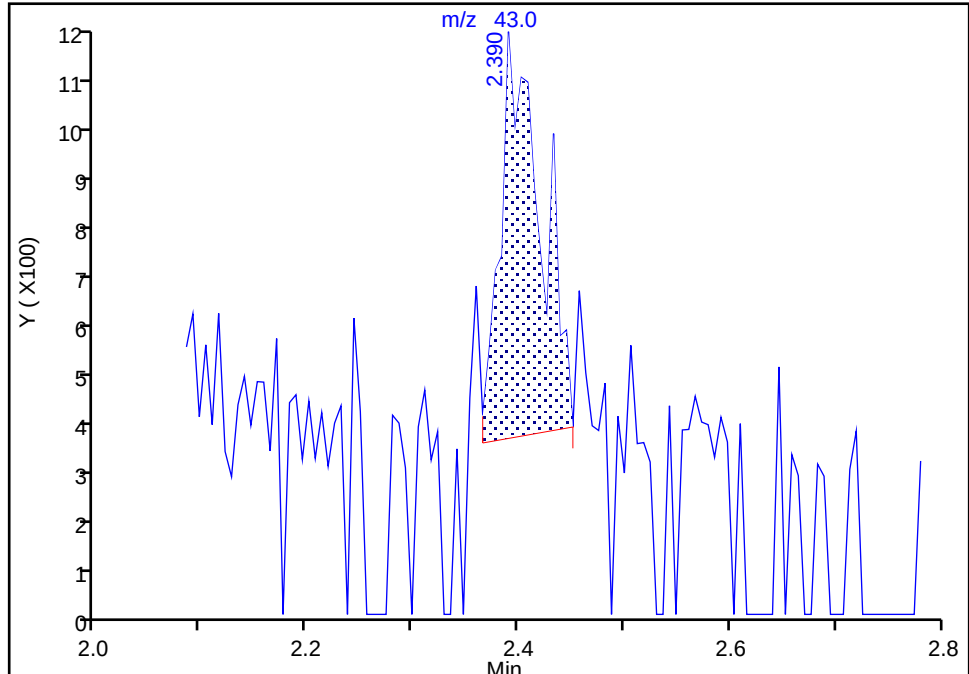
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

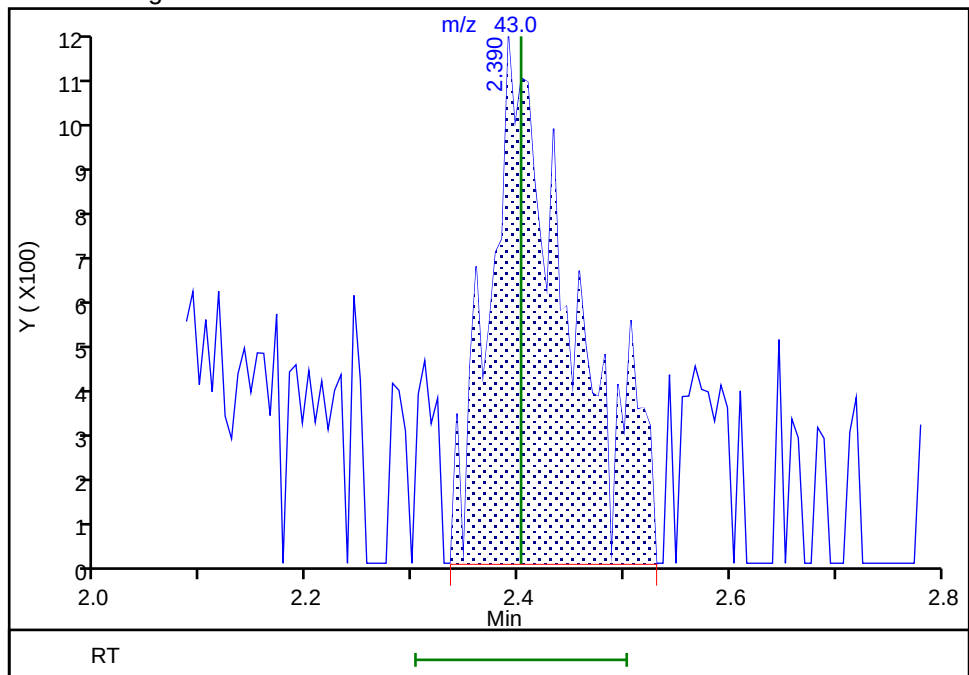
RT: 2.39
Area: 2034
Amount: 1.425728
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 5984
Amount: 0.801675
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:04:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

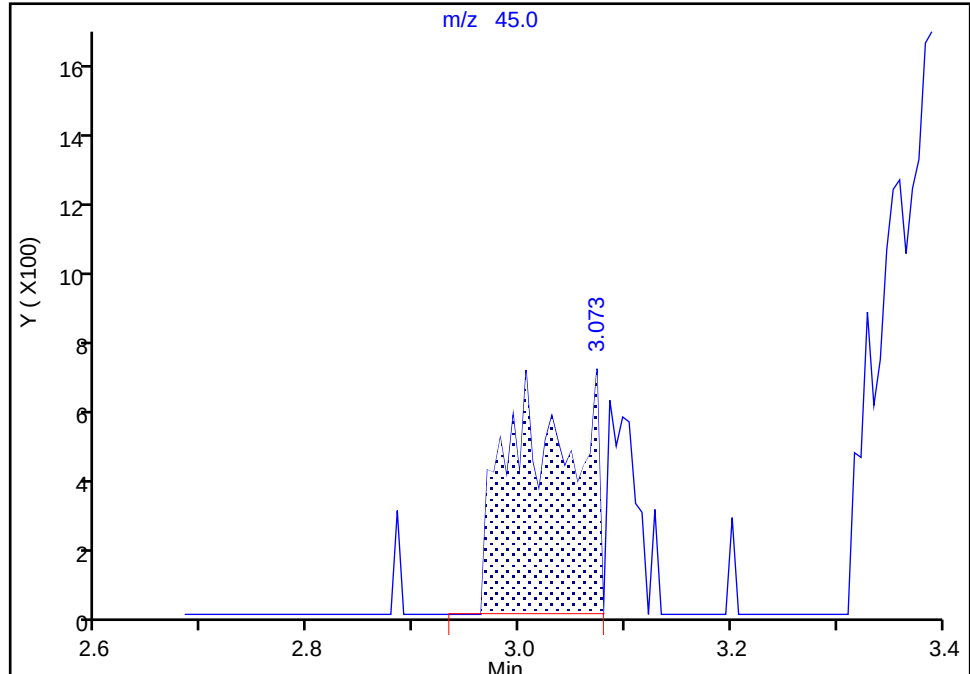
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

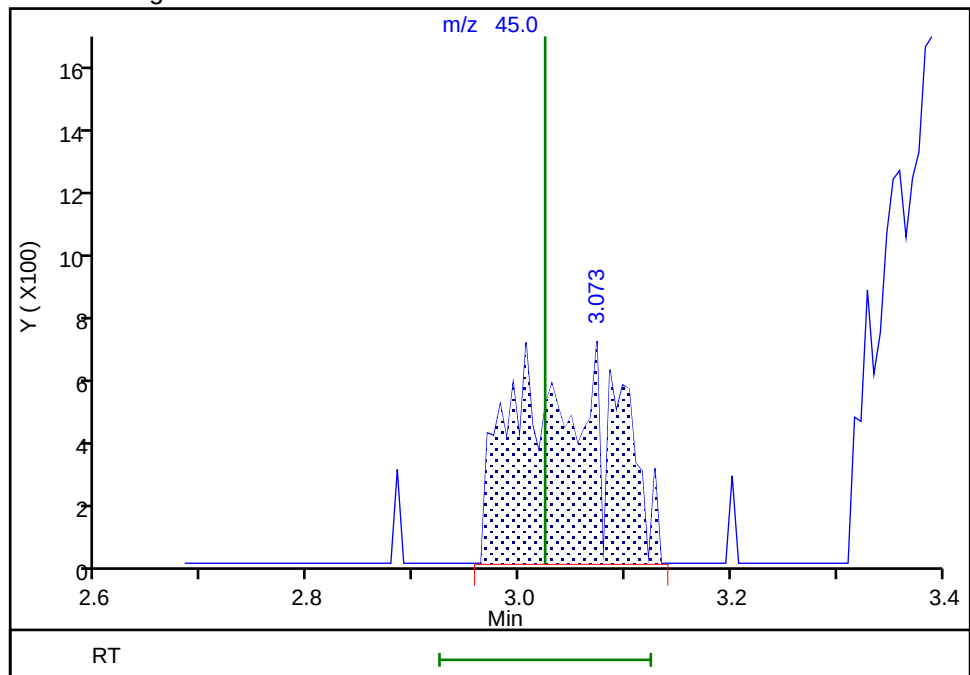
RT: 3.07
Area: 3097
Amount: 4.641553
Amount Units: ug/l

Processing Integration Results



RT: 3.07
Area: 4222
Amount: 5.813233
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:04:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

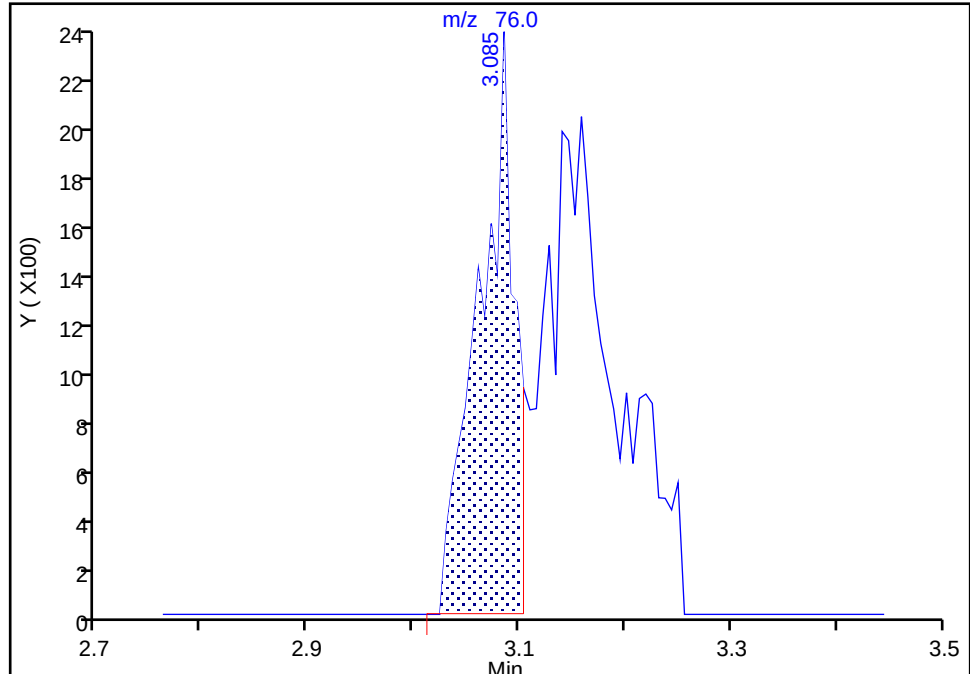
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

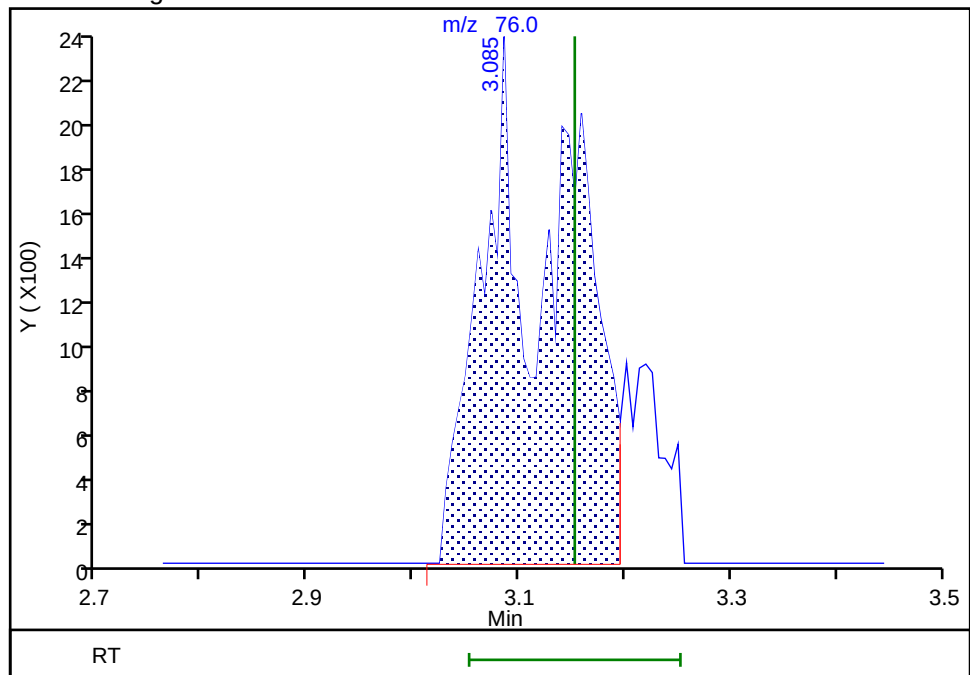
RT: 3.09
Area: 5440
Amount: 0.972854
Amount Units: ug/l

Processing Integration Results



RT: 3.09
Area: 12513
Amount: 0.781523
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:04:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

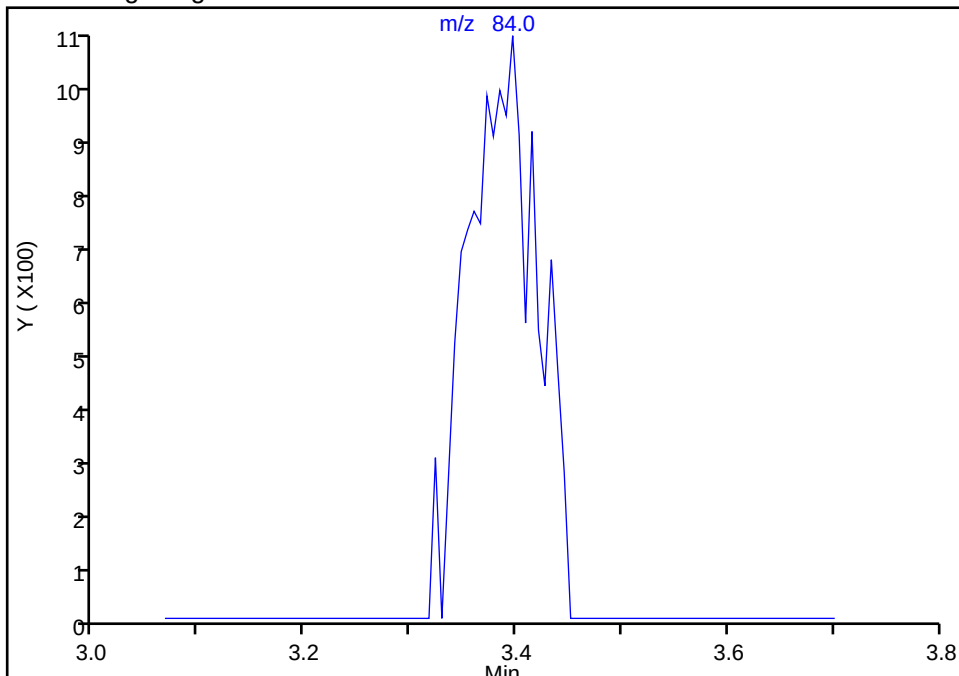
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

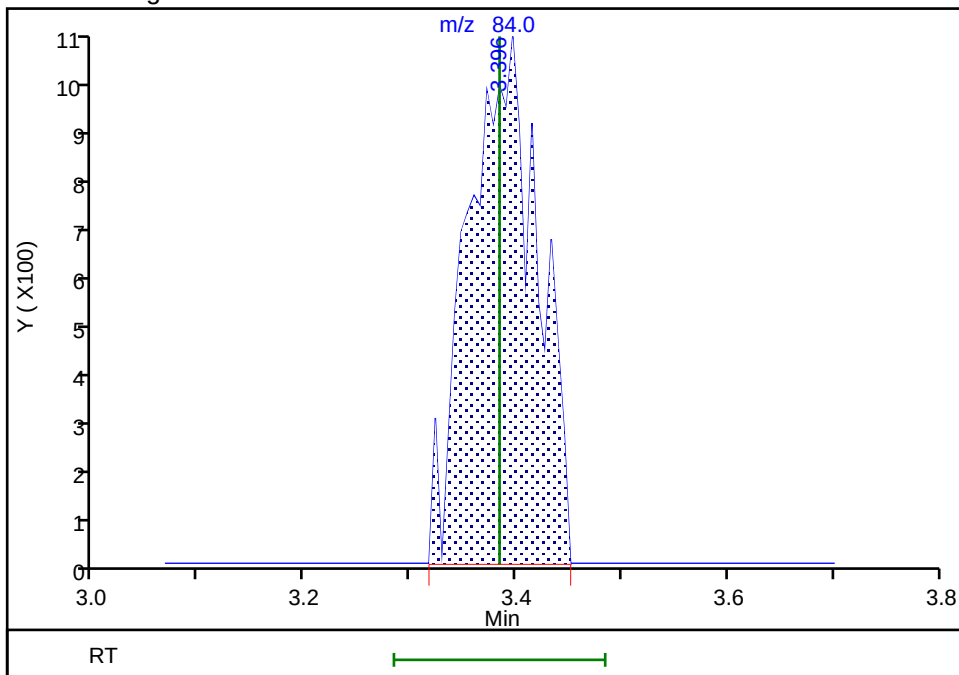
Not Detected
Expected RT: 3.38

Processing Integration Results



RT: 3.40
Area: 5010
Amount: 0.923174
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

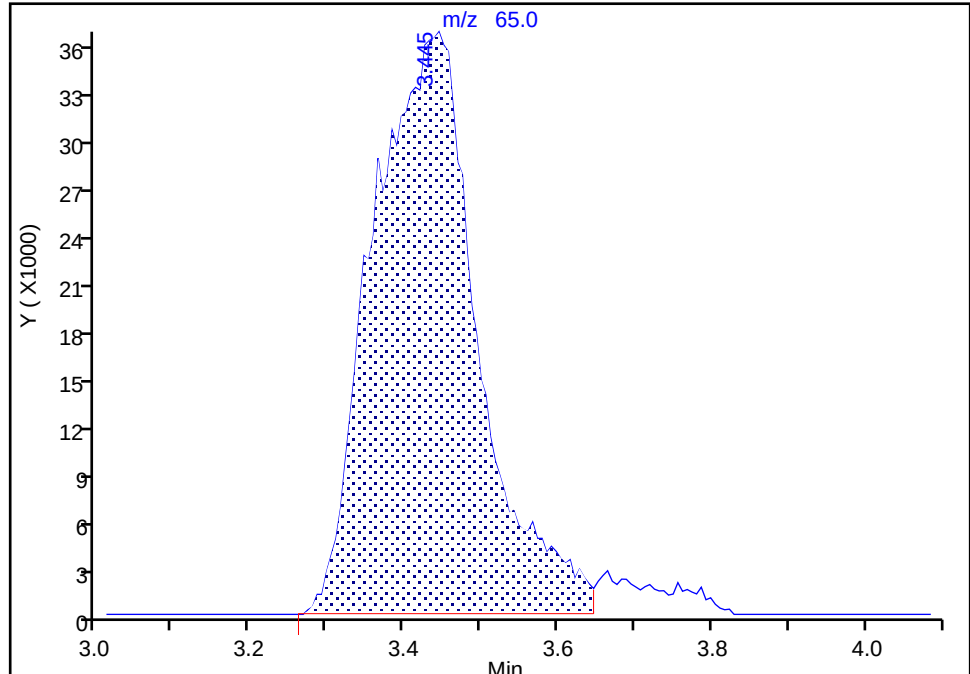
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 29 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

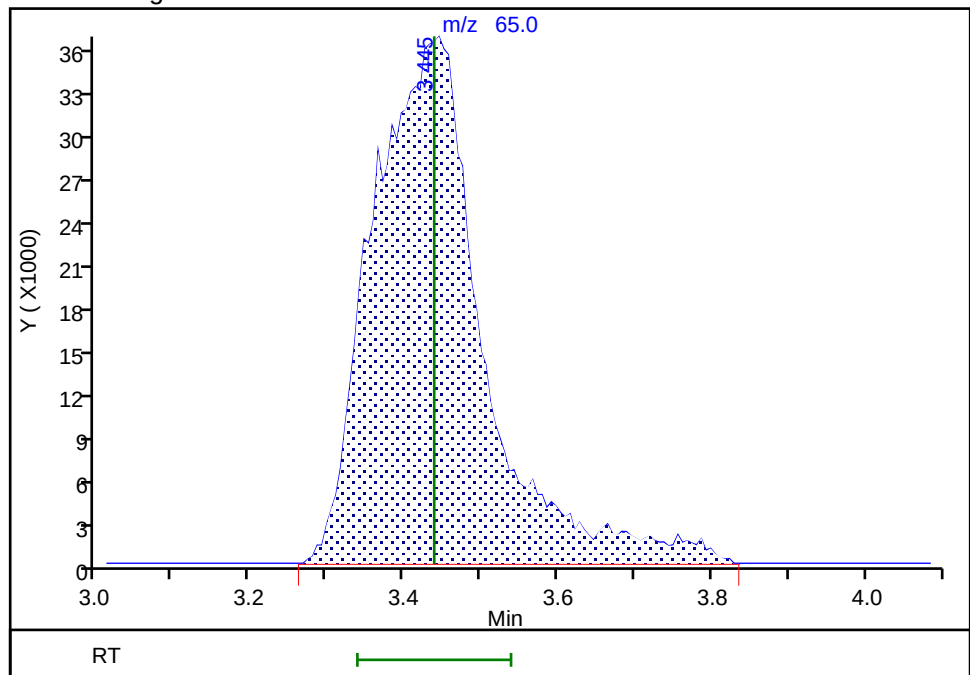
RT: 3.45
Area: 347560
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 3.45
Area: 363713
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:17 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

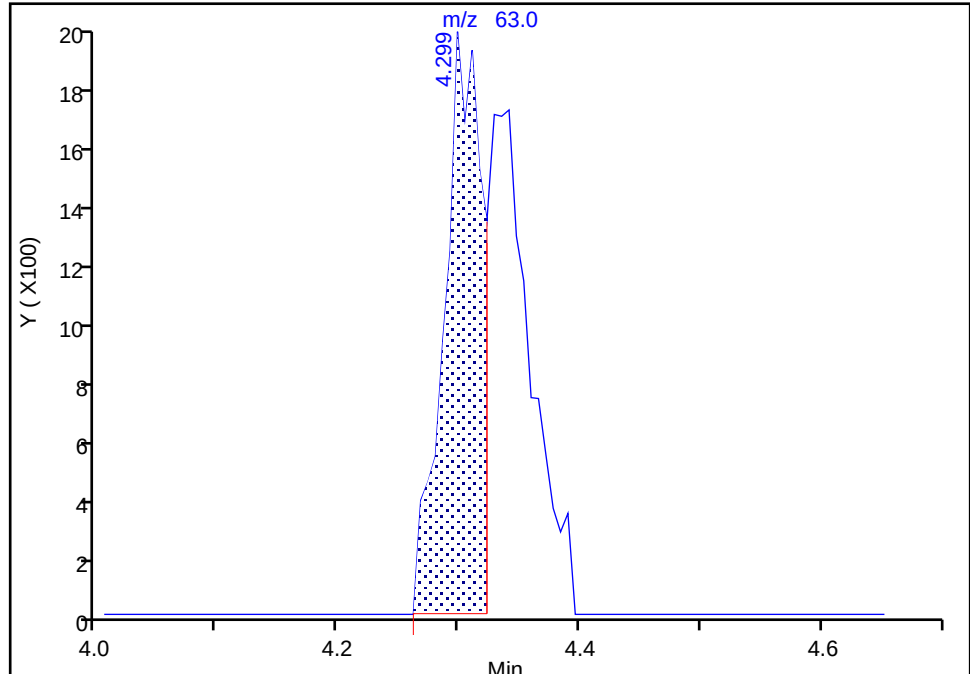
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

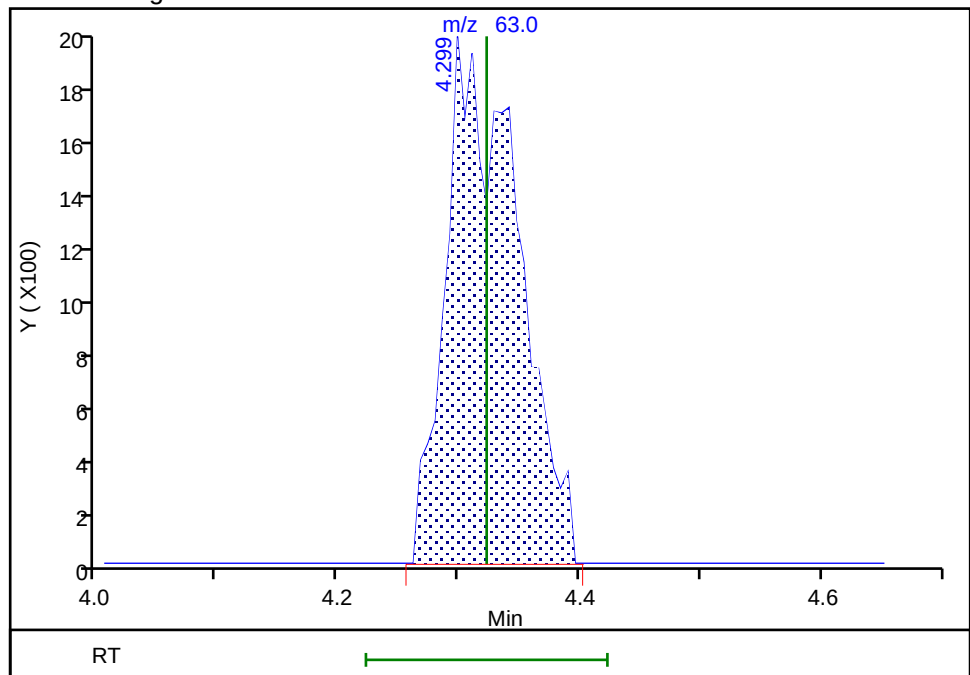
RT: 4.30
Area: 4245
Amount: 0.996405
Amount Units: ug/l

Processing Integration Results



RT: 4.30
Area: 7980
Amount: 0.874031
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:26 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

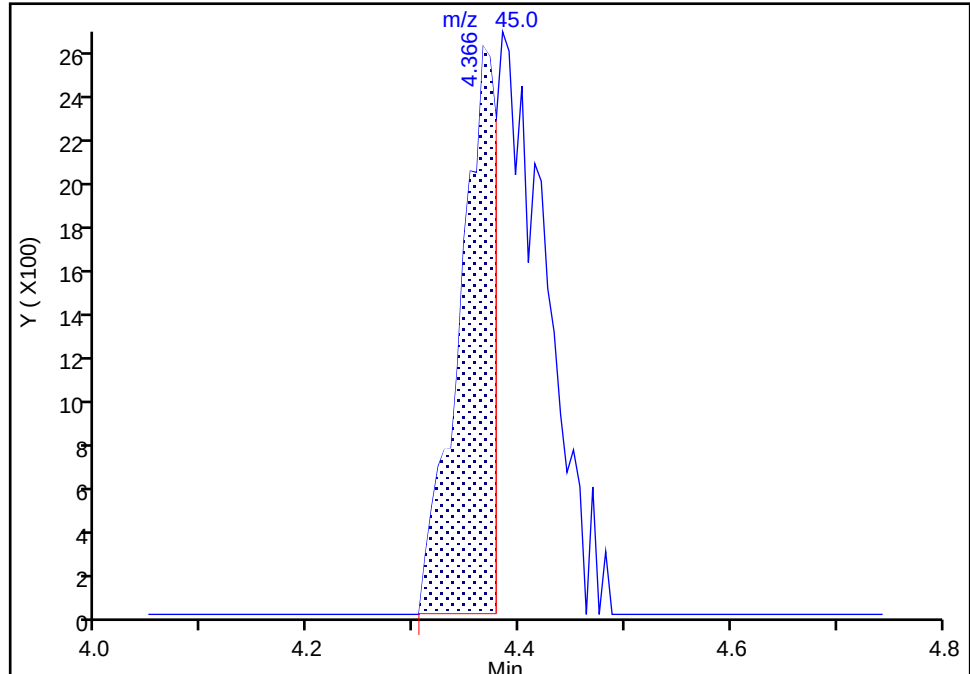
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

38 Isopropyl ether, CAS: 108-20-3

Signal: 1

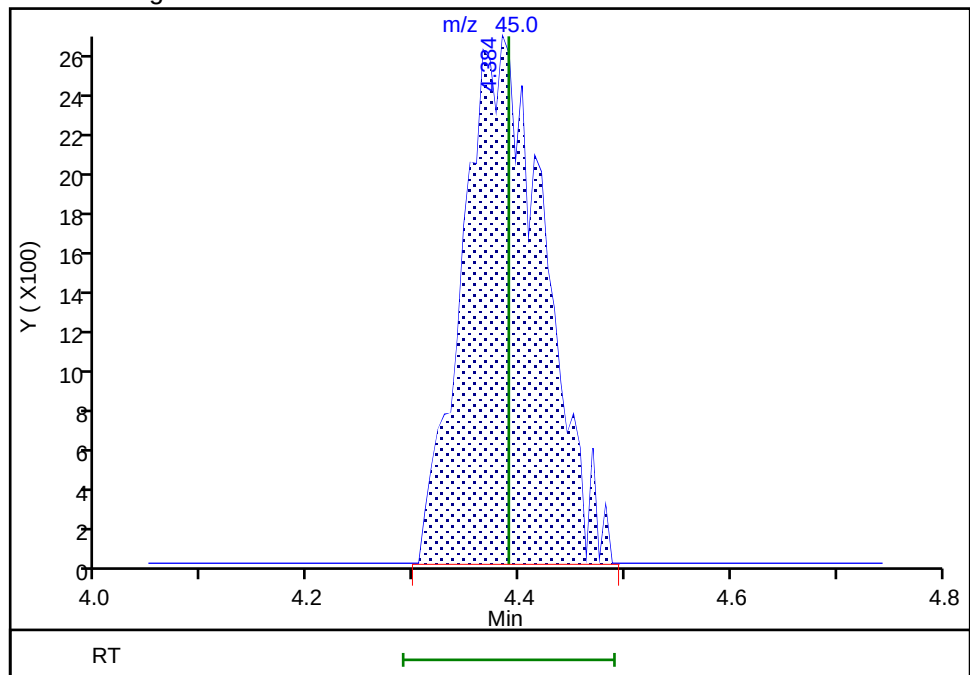
RT: 4.37
Area: 6324
Amount: 0.987918
Amount Units: ug/l

Processing Integration Results



RT: 4.38
Area: 14344
Amount: 0.917818
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

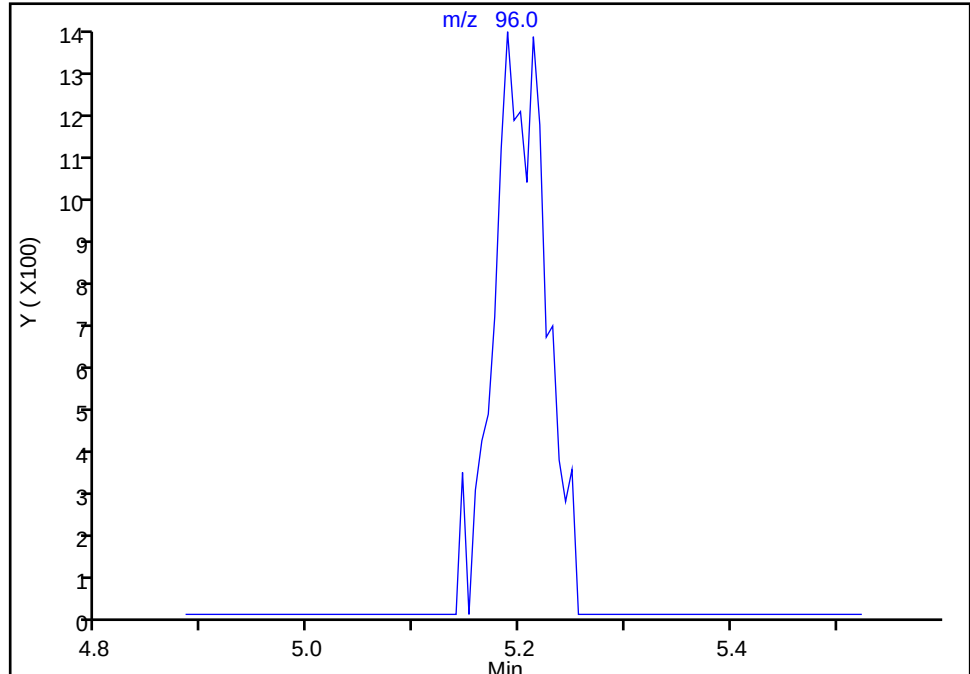
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

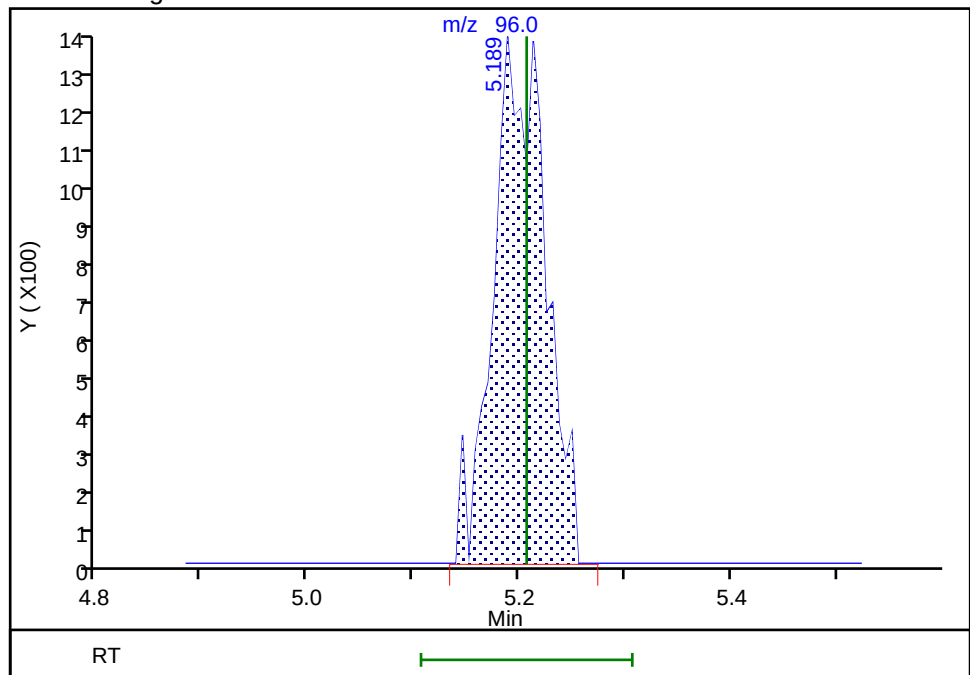
Not Detected
Expected RT: 5.21

Processing Integration Results



RT: 5.19
Area: 4798
Amount: 0.864691
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

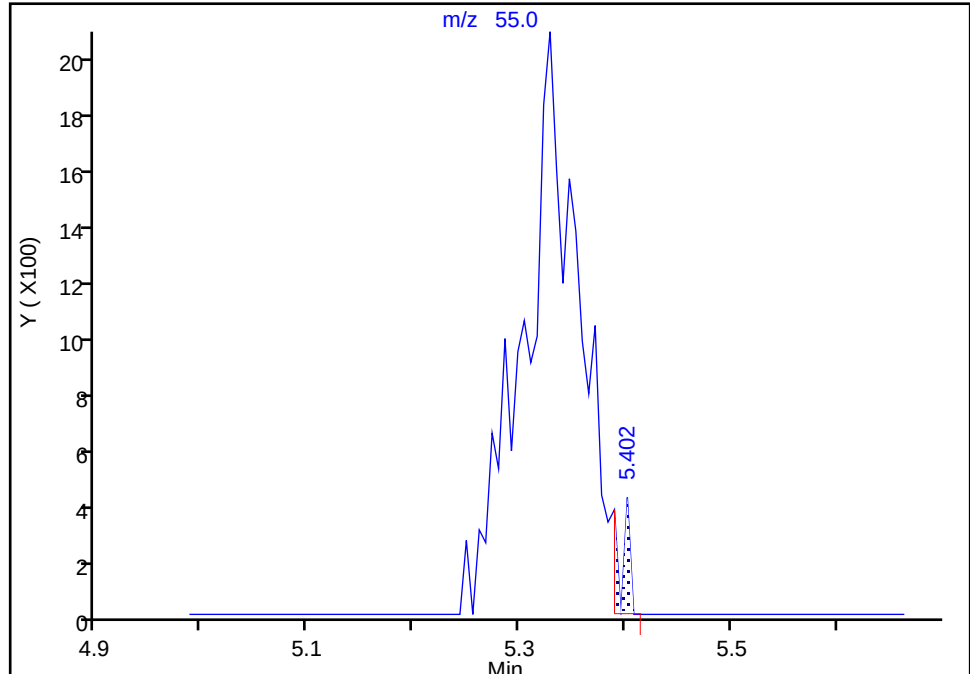
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methyl acrylate, CAS: 96-33-3

Signal: 1

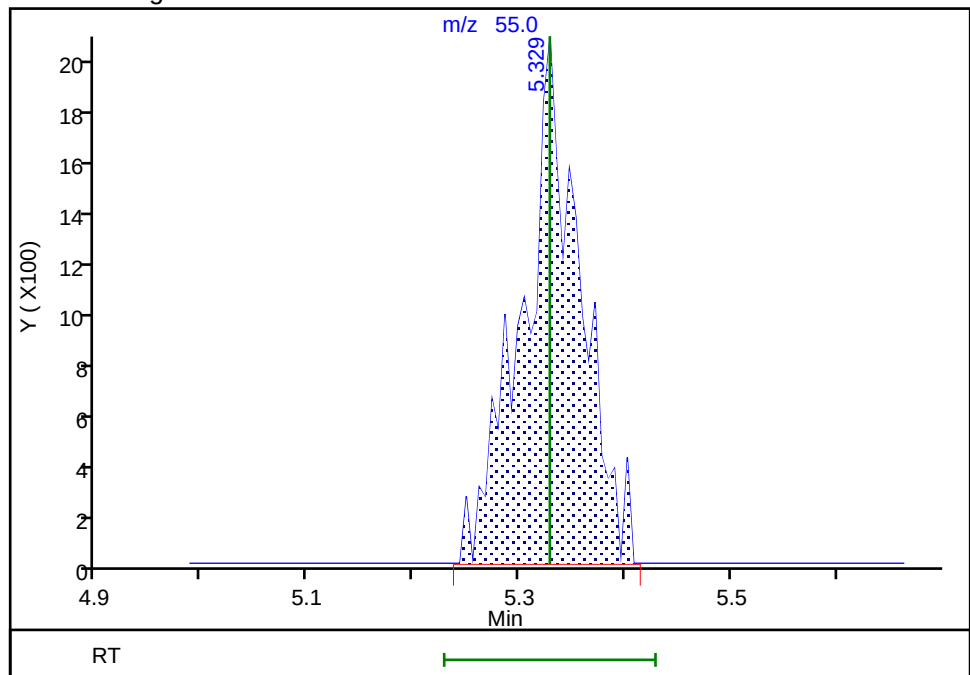
RT: 5.40
Area: 292
Amount: 0.971282
Amount Units: ug/l

Processing Integration Results



RT: 5.33
Area: 7877
Amount: 1.046513
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

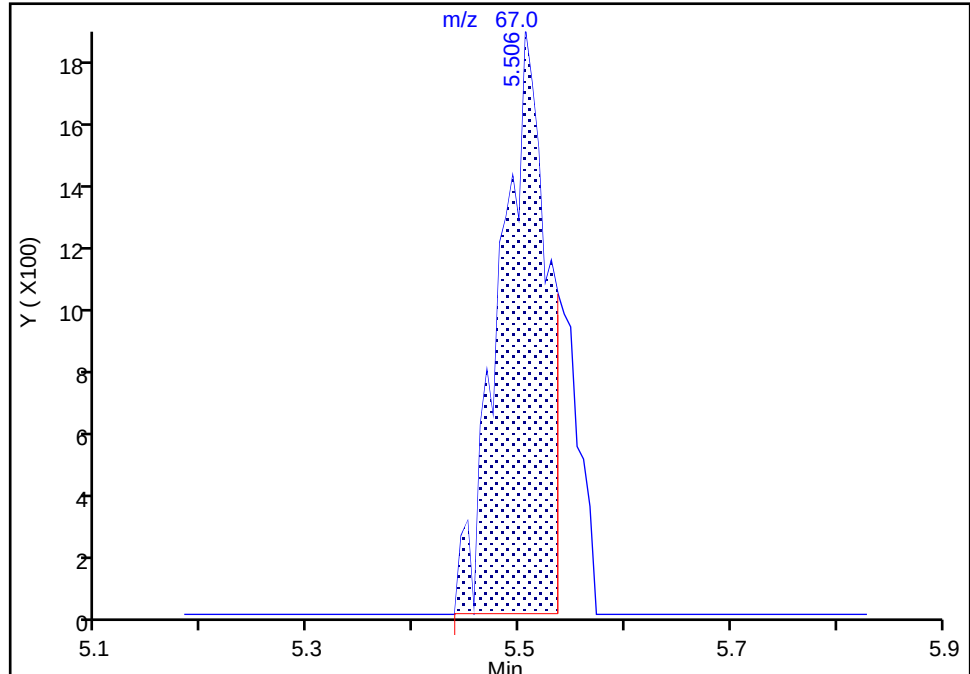
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

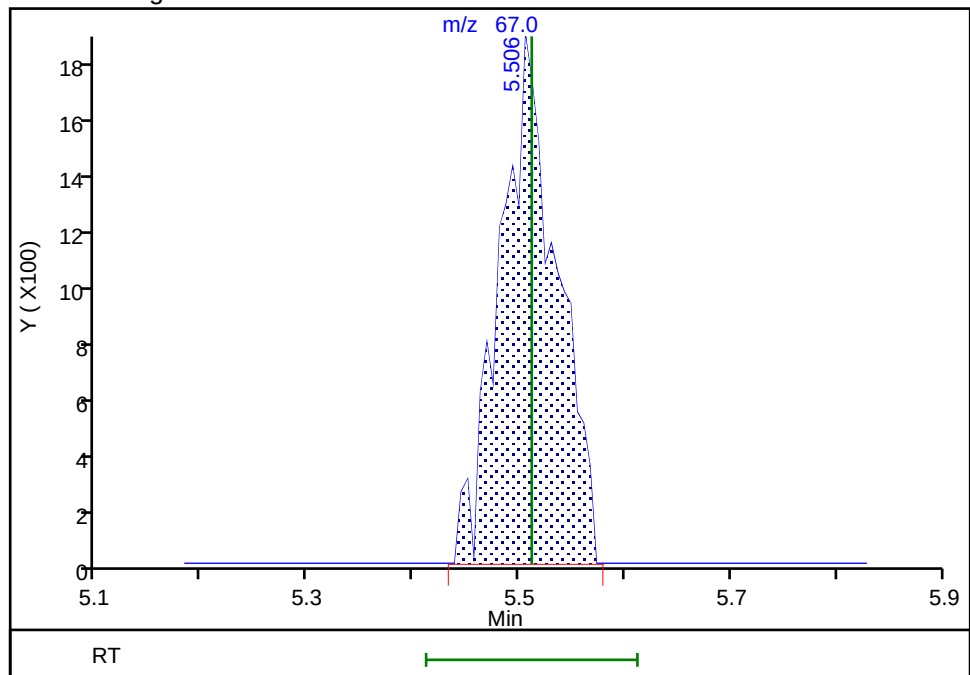
RT: 5.51
Area: 5931
Amount: 1.946473
Amount Units: ug/l

Processing Integration Results



RT: 5.51
Area: 7142
Amount: 2.291857
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

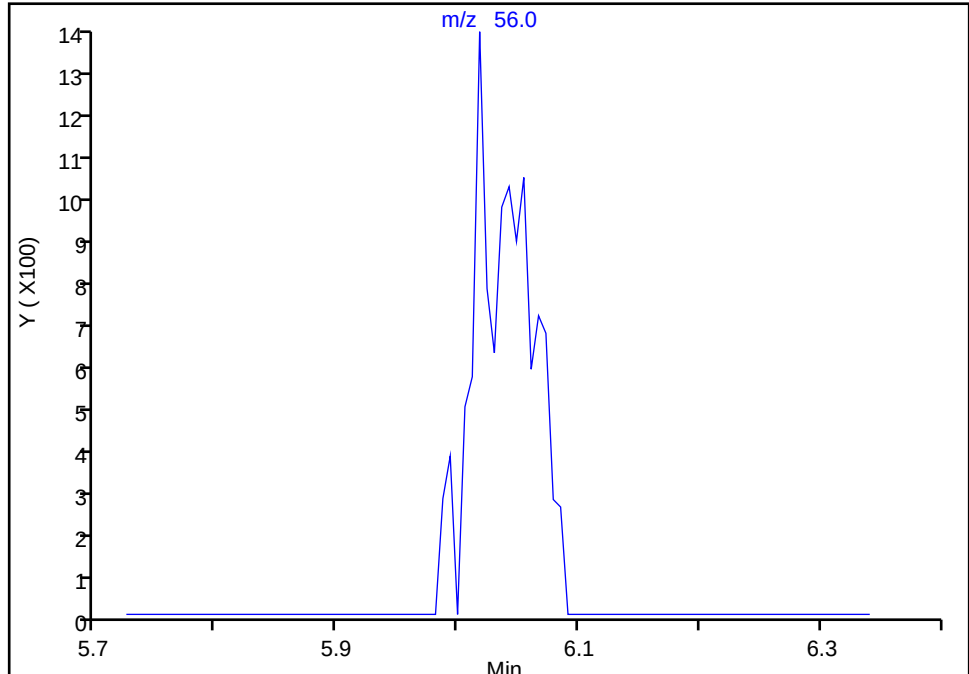
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

53 Cyclohexane, CAS: 110-82-7

Signal: 1

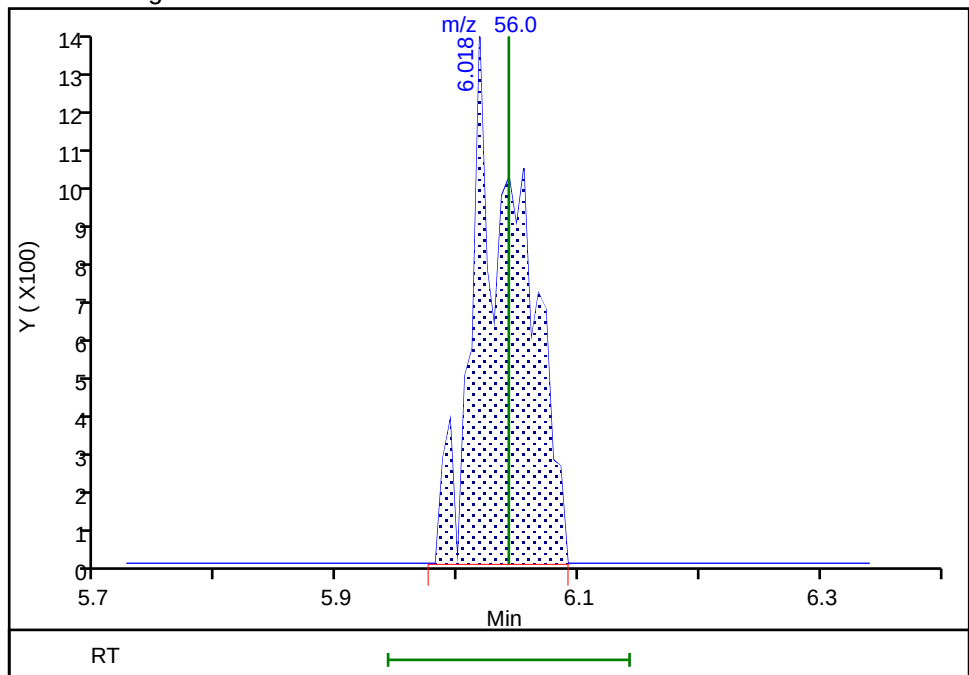
Not Detected
Expected RT: 6.04

Processing Integration Results



RT: 6.02
Area: 4012
Amount: 0.478411
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:05:59 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

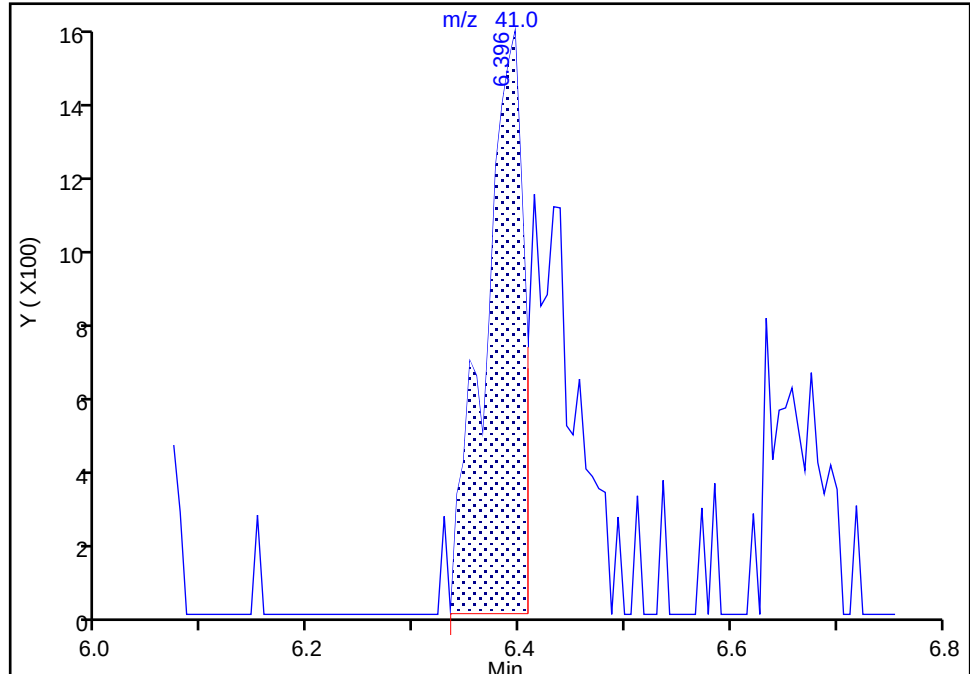
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Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

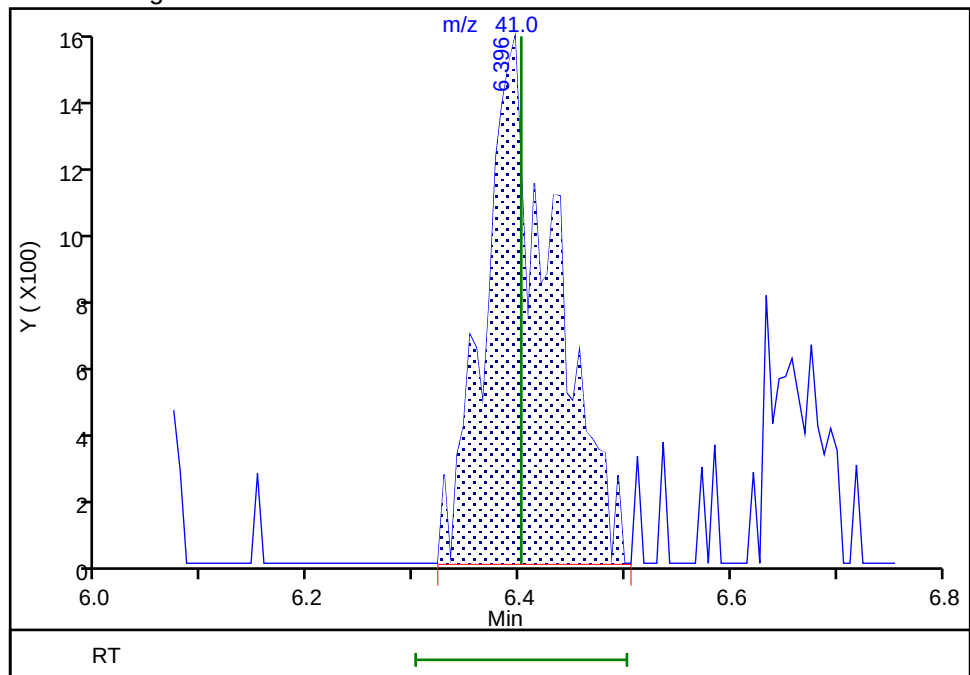
RT: 6.40
Area: 3886
Amount: 8.428910
Amount Units: ug/l

Processing Integration Results



RT: 6.40
Area: 6967
Amount: 14.039471
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:06:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

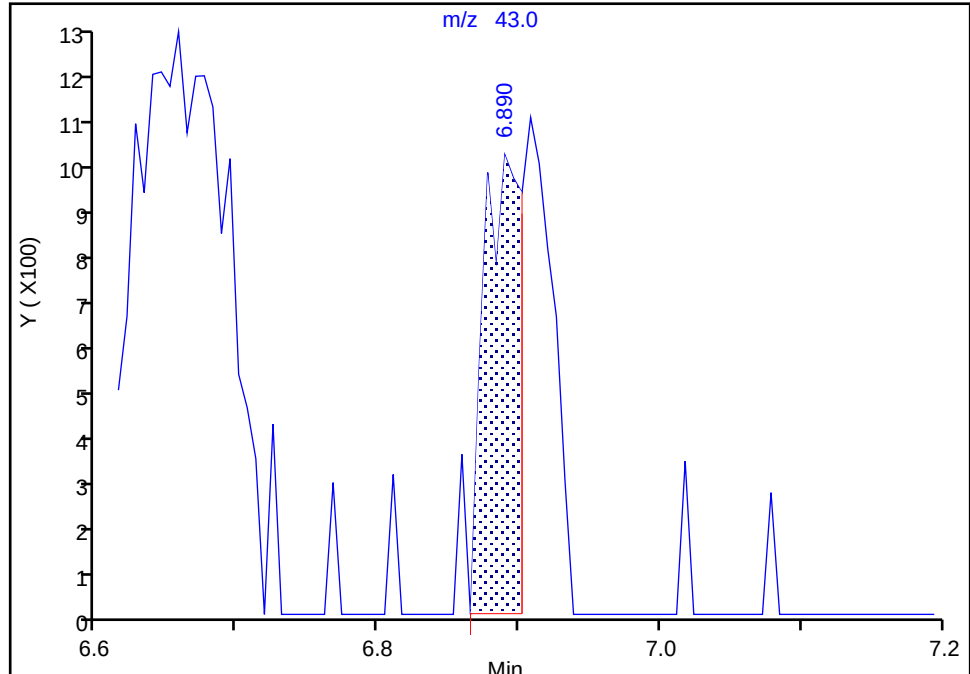
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X11.D
Injection Date: 11-Aug-2025 18:58:30 Instrument ID: 26285
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

64 n-Heptane, CAS: 142-82-5

Signal: 1

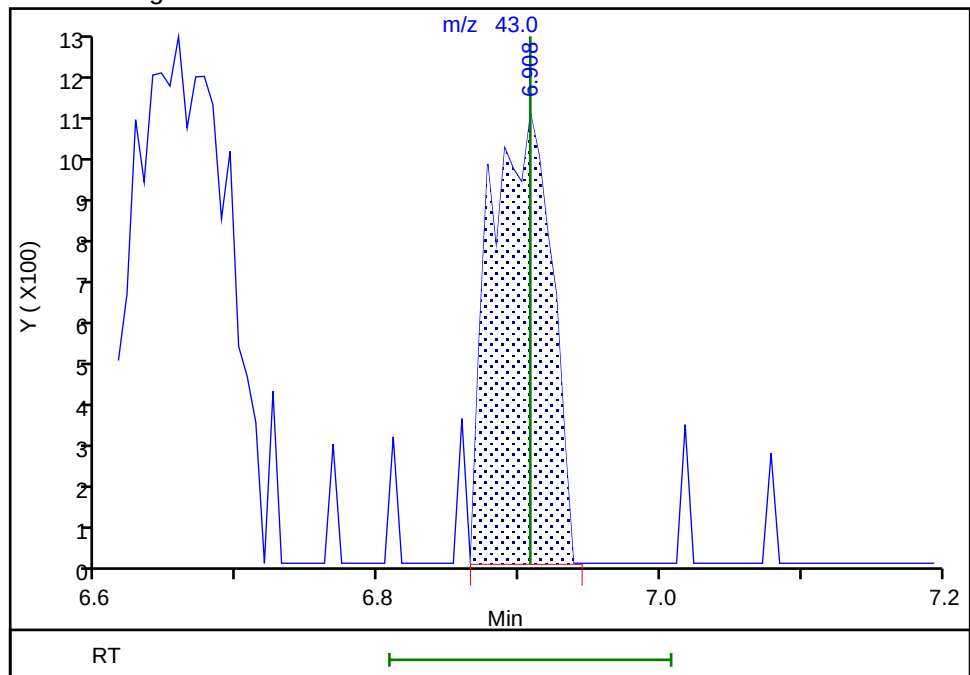
RT: 6.89
Area: 1795
Amount: 1.972697
Amount Units: ug/l

Processing Integration Results



RT: 6.91
Area: 3127
Amount: 2.000278
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:06:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X12.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 11-Aug-2025 19:19:30 ALS Bottle#: 12 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-013
 Misc. Info.: IC V4
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:18 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 23:03:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.586	1.579	0.007	41	46044	4.00	4.12	
4 Chloromethane	50	1.750	1.750	0.000	98	44399	4.00	4.18	
6 Vinyl chloride	62	1.848	1.841	0.007	98	38457	4.00	4.11	
5 Butadiene	39	1.872	1.866	0.006	97	38714	4.00	4.23	
9 Bromomethane	94	2.128	2.128	0.000	92	24401	4.00	3.94	
10 Chloroethane	64	2.159	2.152	0.007	76	18788	4.00	4.18	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	97	58673	4.00	4.13	
12 Pentane	43	2.402	2.402	0.000	67	22380	4.00	2.93	M
13 Trichlorofluoromethane	101	2.439	2.439	0.000	98	48226	4.00	4.13	
15 Ethyl ether	59	2.579	2.579	0.000	93	16643	4.00	4.12	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	91	28819	4.00	4.11	
17 Acrolein	56	2.732	2.725	0.007	99	75437	39.0	38.5	
18 1,1-Dichloroethene	96	2.841	2.835	0.006	94	15955	4.00	3.45	
19 Acetone	58	2.866	2.866	0.000	98	7075	8.00	7.96	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	81	14247	4.00	2.68	
21 Iodomethane	142	3.012	3.018	-0.006	98	37592	4.00	3.70	
22 Isopropyl alcohol	45	3.073	3.024	0.049	32	16139	20.0	20.6	
23 Carbon disulfide	76	3.152	3.152	0.000	99	57671	4.00	3.52	M
25 Methyl acetate	43	3.195	3.201	-0.006	98	29797	4.00	4.33	
26 3-Chloro-1-propene	41	3.213	3.219	-0.006	87	30824	4.00	3.82	
28 Methylene Chloride	84	3.378	3.384	-0.006	92	20705	4.00	3.72	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	92	392814	250.0	250.0	
30 2-Methyl-2-propanol	59	3.530	3.518	0.012	43	28175	20.0	18.8	
31 Acrylonitrile	53	3.664	3.652	0.012	94	32797	10.0	10.0	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	97	19414	4.00	3.80	
33 Methyl tert-butyl ether	73	3.713	3.713	0.000	89	65077	4.00	3.95	
34 Hexane	57	4.085	4.091	-0.006	92	12655	4.00	3.03	M
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	33995	4.00	3.63	
38 Isopropyl ether	45	4.396	4.390	0.006	96	60347	4.00	3.77	M
39 2-Chloro-1,3-butadiene	53	4.433	4.439	-0.006	92	29610	4.00	3.65	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.957	4.963	-0.006	98	58998	4.00	3.79	
42 2-Butanone (MEK)	43	5.195	5.194	0.001	94	41998	8.00	8.28	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	84	21274	4.00	3.74	
44 2,2-Dichloropropane	77	5.219	5.231	-0.012	90	29794	4.00	3.64	
45 Propionitrile	54	5.286	5.298	-0.012	95	28794	20.0	18.3	
46 Methyl acrylate	55	5.323	5.329	-0.006	98	28957	4.00	3.76	
47 Methacrylonitrile	67	5.512	5.511	0.001	93	32496	10.0	10.2	
48 Chlorobromomethane	128	5.554	5.554	0.000	78	11205	4.00	3.86	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	93	25964	20.0	18.4	
50 Chloroform	83	5.731	5.725	0.006	93	34915	4.00	3.62	
52 1,1,1-Trichloroethane	97	5.944	5.944	0.000	16	29008	4.00	3.45	M
\$ 51 Dibromofluoromethane (Surr)	113	5.951	5.950	0.001	93	287719	50.0	50.6	
53 Cyclohexane	56	6.030	6.042	-0.012	75	21906	4.00	2.55	M
S 54 1,2-Dichloroethene, Total	100				0			7.54	
55 Carbon tetrachloride	117	6.164	6.164	0.000	75	24211	4.00	3.29	
56 1,1-Dichloropropene	75	6.170	6.170	0.000	91	25606	4.00	3.55	
57 Isobutyl alcohol	41	6.402	6.402	0.000	59	22112	50.0	41.3	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	79	62502	50.0	50.6	
59 Benzene	78	6.450	6.444	0.006	96	78133	4.00	3.65	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	97	30068	4.00	3.81	
62 Tert-amyl methyl ether	73	6.664	6.664	0.000	97	57839	4.00	3.75	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	99	1060182	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	36	11488	4.00	3.38	
65 n-Butanol	56	7.322	7.328	-0.006	74	13568	50.0	39.5	
66 Trichloroethene	95	7.371	7.377	-0.006	96	18963	4.00	3.43	
67 Ethyl acrylate	55	7.530	7.535	-0.005	99	30571	4.00	3.71	
68 Methylcyclohexane	83	7.688	7.688	0.000	85	16755	4.00	2.80	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	92	19536	4.00	3.64	
70 2-ethoxy-2-methyl butane	87	7.749	7.755	-0.006	86	25981	4.00	3.55	
72 1,4-Dioxane	88	7.847	7.834	0.013	28	4336	50.0	46.6	M
73 Dibromomethane	93	7.840	7.840	0.000	79	14281	4.00	3.89	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	16388	4.00	3.55	
76 Dichlorobromomethane	83	8.096	8.102	-0.006	98	25450	4.00	3.58	
77 2-Nitropropane	41	8.395	8.401	-0.006	100	48513	20.0	17.1	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	13035	4.00	3.35	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	29192	4.00	3.47	
83 4-Methyl-2-pentanone (MIBK)	43	8.901	8.901	0.000	98	75955	8.00	7.83	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1016657	50.0	50.7	
85 Toluene	92	9.115	9.114	0.001	98	45393	4.00	3.51	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	97	26167	4.00	3.45	
87 Ethyl methacrylate	69	9.523	9.523	0.000	90	28368	4.00	3.74	
88 1,1,2-Trichloroethane	97	9.657	9.663	-0.006	91	17412	4.00	3.69	
89 Tetrachloroethene	166	9.736	9.736	0.000	97	19095	4.00	3.35	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	95	26495	4.00	3.62	
92 2-Hexanone	43	9.913	9.913	0.000	98	55187	8.00	8.18	
S 98 1,3-Dichloropropene, Total	100				0			6.92	
100 Chlorodibromomethane	129	10.066	10.072	-0.006	92	19056	4.00	3.40	
101 Ethylene Dibromide	107	10.181	10.181	0.000	97	19113	4.00	3.80	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	758183	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	94	50800	4.00	3.56	
129 1-Chlorohexane	91	10.687	10.687	0.000	55	18085	4.00	3.00	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	94	19428	4.00	3.51	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	84275	4.00	3.36	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	65375	8.00	6.82	
134 n-Butyl acrylate	55	11.230	11.230	0.000	94	45615	4.00	4.03	
S 135 Xylenes, Total	106				0			10.3	
136 o-Xylene	106	11.260	11.260	0.000	96	34082	4.00	3.47	
137 Styrene	104	11.279	11.279	0.000	96	55545	4.00	3.49	
138 Bromoform	173	11.437	11.437	0.000	97	15528	4.00	3.51	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	75652	4.00	2.90	
141 Cyclohexanone	55	11.657	11.657	0.000	94	133847	200.0	297.2	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	376420	50.0	51.2	
144 Bromobenzene	156	11.846	11.846	0.000	95	22895	4.00	3.32	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	95	32532	4.00	3.51	
146 trans-1,4-Dichloro-2-butene	53	11.876	11.882	-0.006	91	24388	10.0	8.94	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	87	9820	4.00	3.70	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	85805	4.00	2.74	
150 2-Chlorotoluene	126	12.004	12.004	0.000	97	21127	4.00	3.35	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	58974	4.00	2.65	
153 4-Chlorotoluene	126	12.102	12.102	0.000	97	19852	4.00	3.24	
154 tert-Butylbenzene	134	12.333	12.327	0.006	92	9699	4.00	2.52	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	65153	4.00	2.96	
158 sec-Butylbenzene	105	12.504	12.498	0.006	94	61858	4.00	2.40	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	38599	4.00	3.24	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	57644	4.00	2.52	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	459223	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	39106	4.00	3.20	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	98	64664	4.00	2.80	
166 Benzyl chloride	91	12.754	12.754	0.000	99	56693	4.00	3.28	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	93	30765	4.00	2.50	
168 p-Diethylbenzene	119	12.900	12.900	0.000	94	33896	4.00	2.56	
169 n-Butylbenzene	92	12.919	12.919	0.000	96	25886	4.00	2.48	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	98	39271	4.00	3.21	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	26869	4.00	2.53	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	83	9454	4.00	3.70	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	95	22868	4.00	2.87	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	93	24385	4.00	3.08	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	24918	4.00	3.49	
178 Hexachlorobutadiene	225	14.162	14.156	0.006	89	7674	4.00	2.81	
179 Naphthalene	128	14.254	14.254	0.000	97	102039	4.00	3.34	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	94	23025	4.00	3.00	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	38848	4.00	2.91	
S 213 Total Diethylbenzene	1				0			7.59	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 32.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 4.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:06:20

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X12.D

Injection Date: 11-Aug-2025 19:19:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

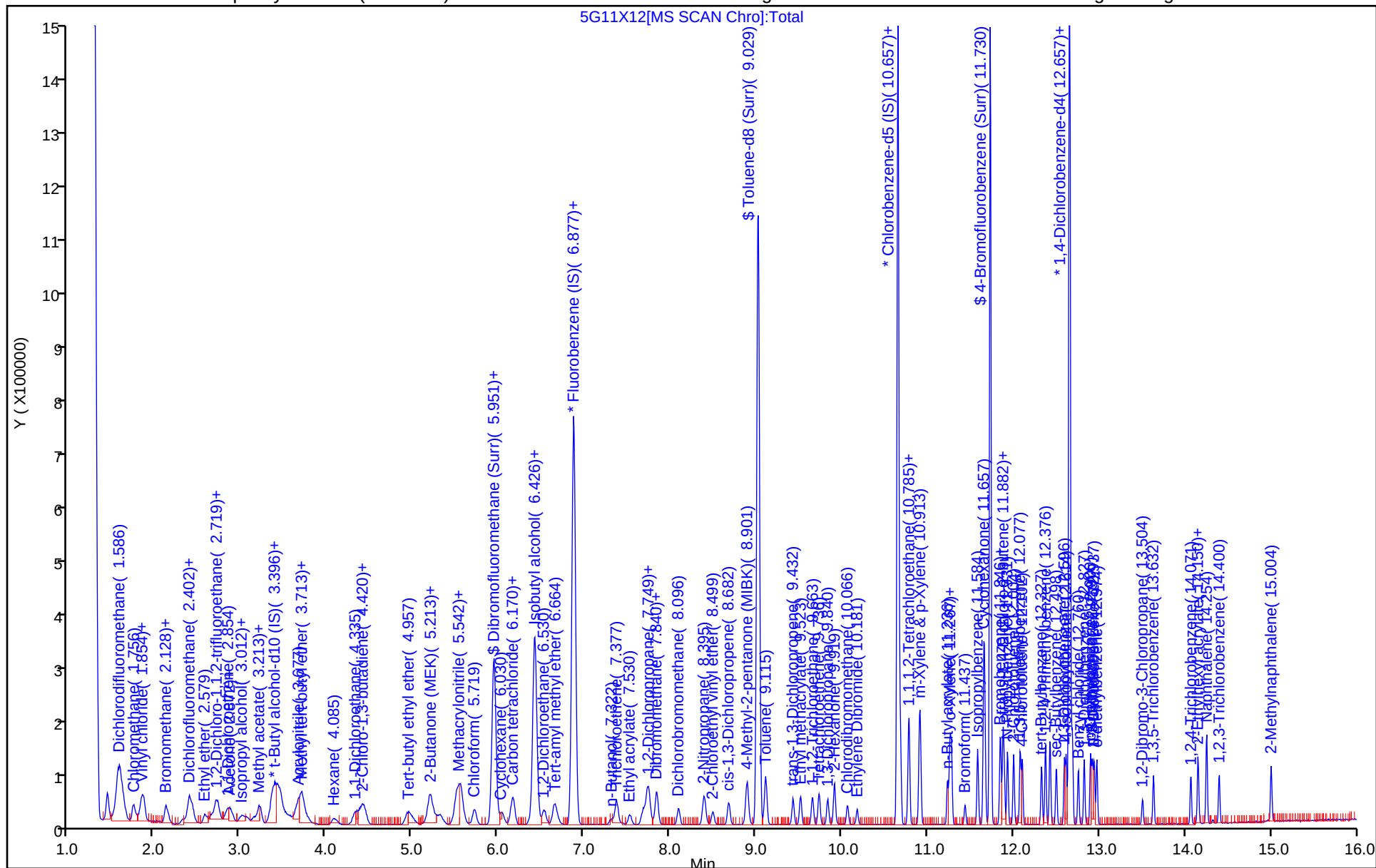
ALS Bottle#: 12

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

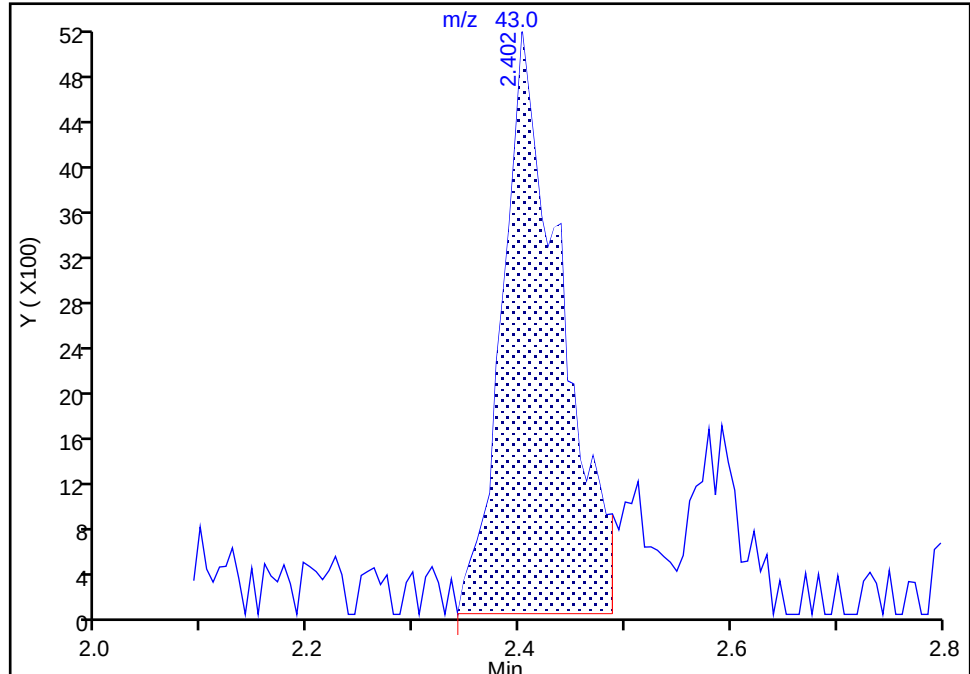
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

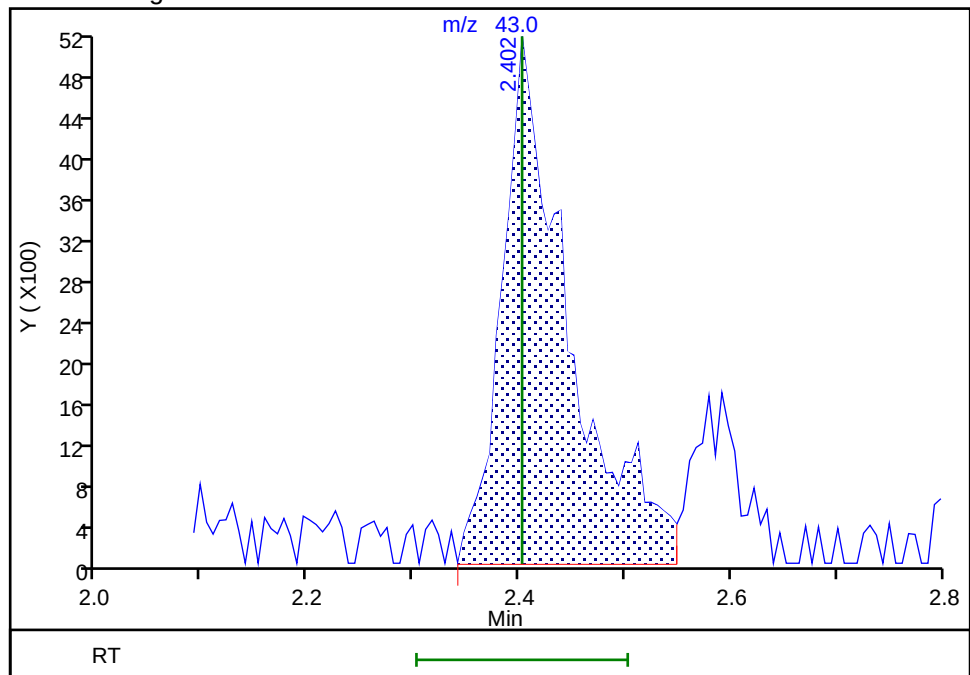
RT: 2.40
Area: 19834
Amount: 3.559868
Amount Units: ug/l

Processing Integration Results



RT: 2.40
Area: 22380
Amount: 2.926534
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:00:52 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

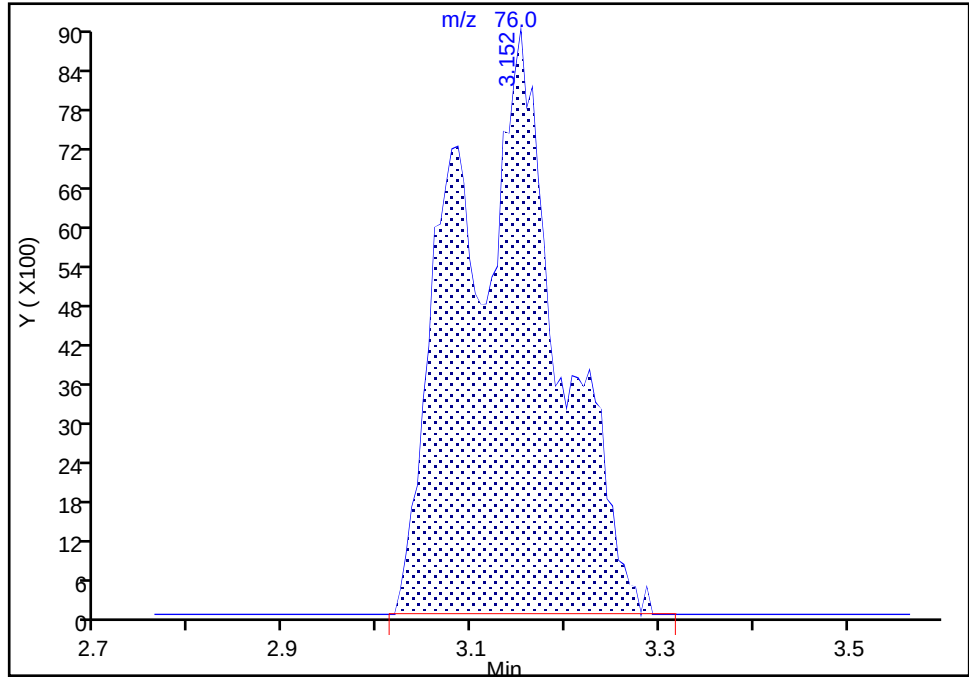
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

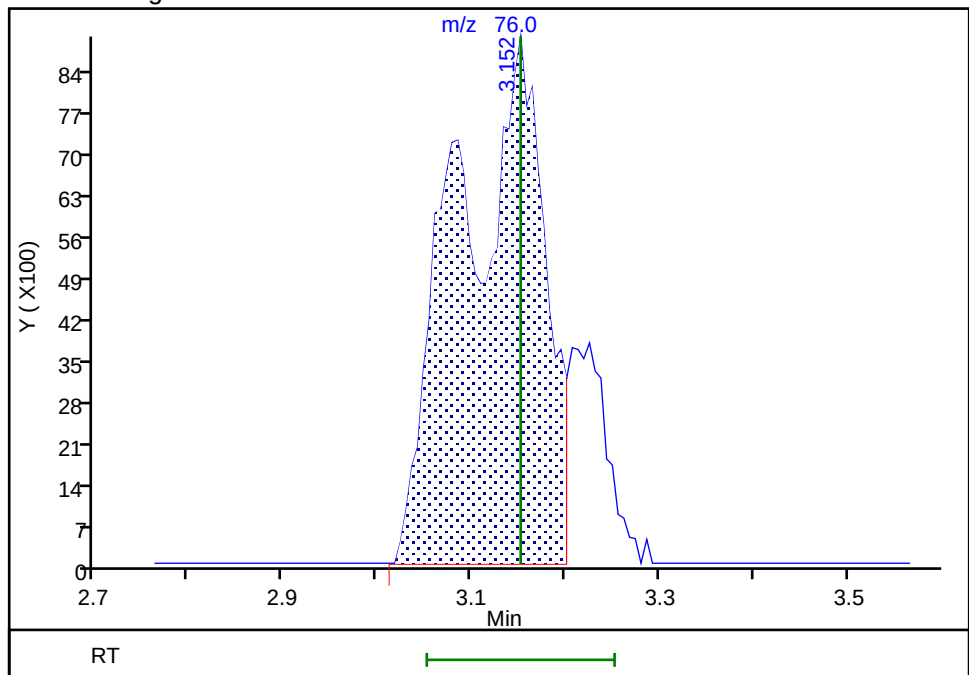
RT: 3.15
Area: 67666
Amount: 4.037270
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 57671
Amount: 3.515802
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 12-Aug-2025 13:35:37 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC

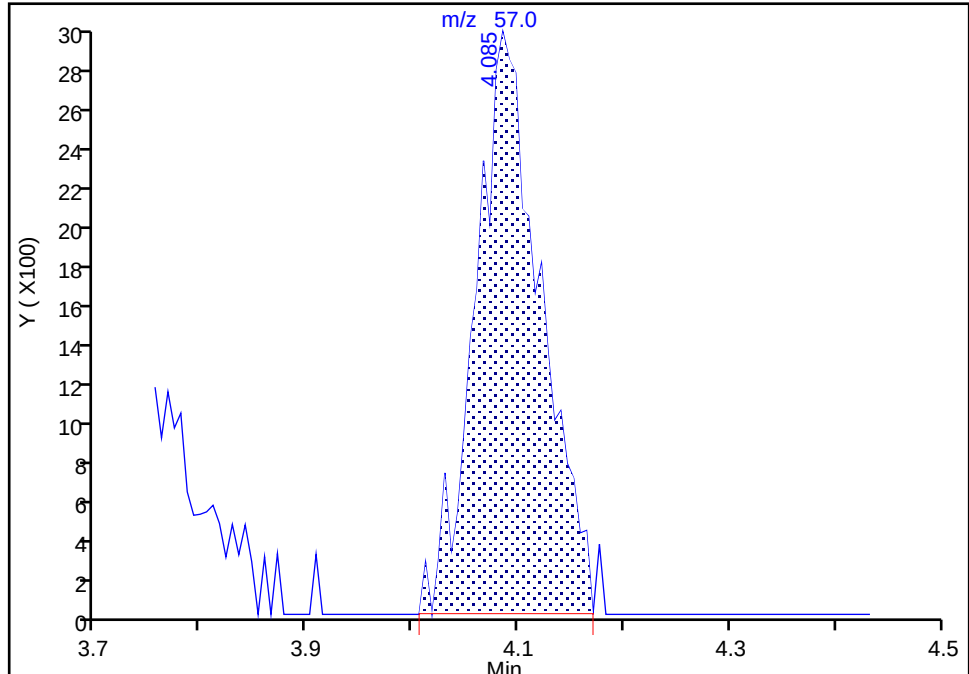
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

34 Hexane, CAS: 110-54-3

Signal: 1

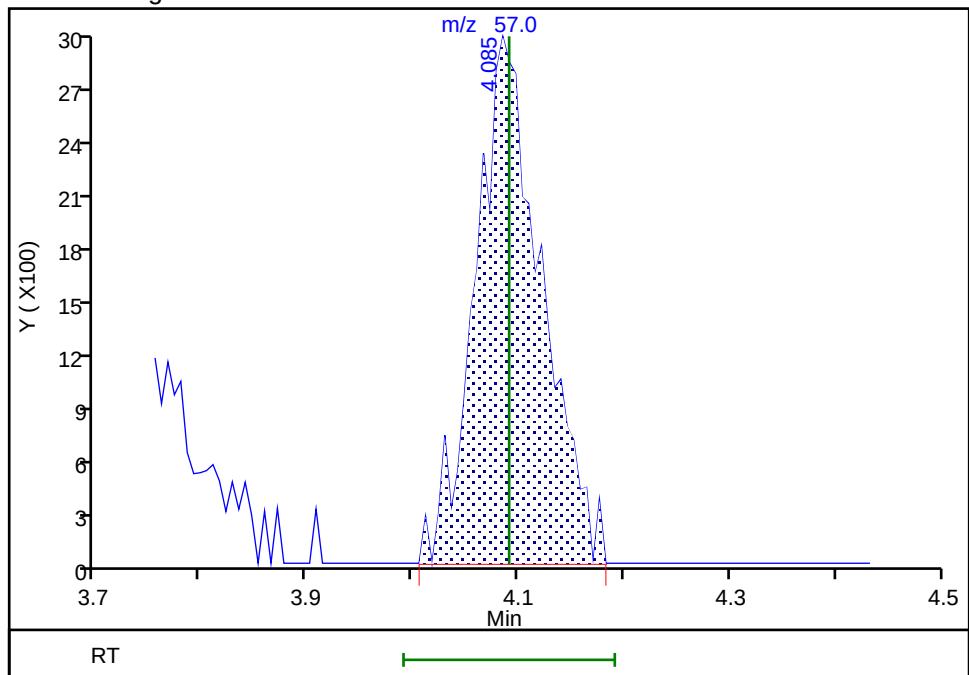
RT: 4.09
Area: 12526
Amount: 2.385407
Amount Units: ug/l

Processing Integration Results



RT: 4.09
Area: 12655
Amount: 3.032983
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 12-Aug-2025 00:14:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

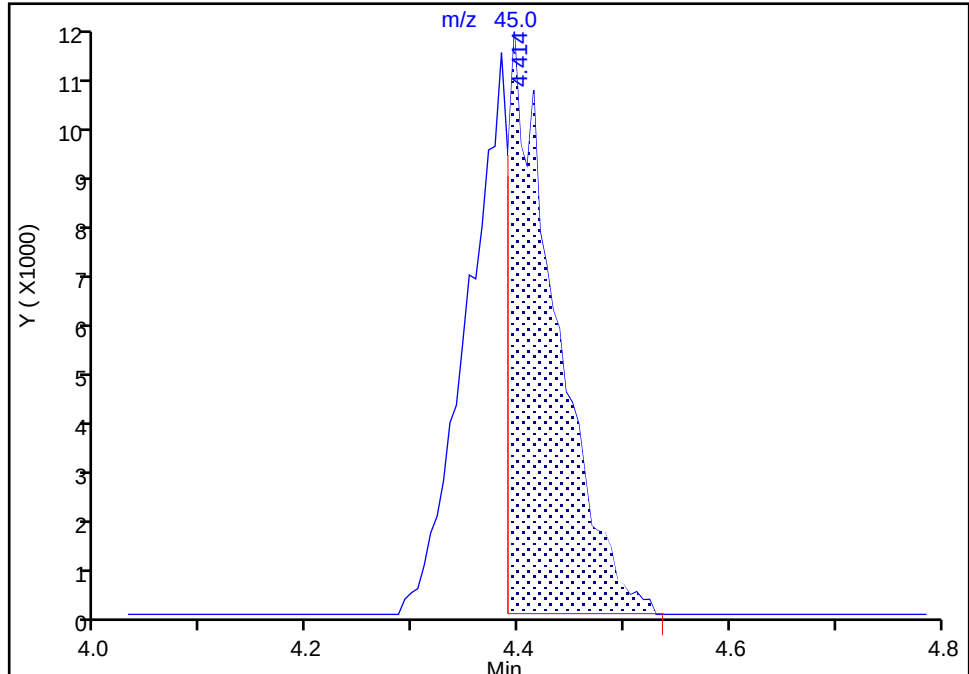
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

38 Isopropyl ether, CAS: 108-20-3

Signal: 1

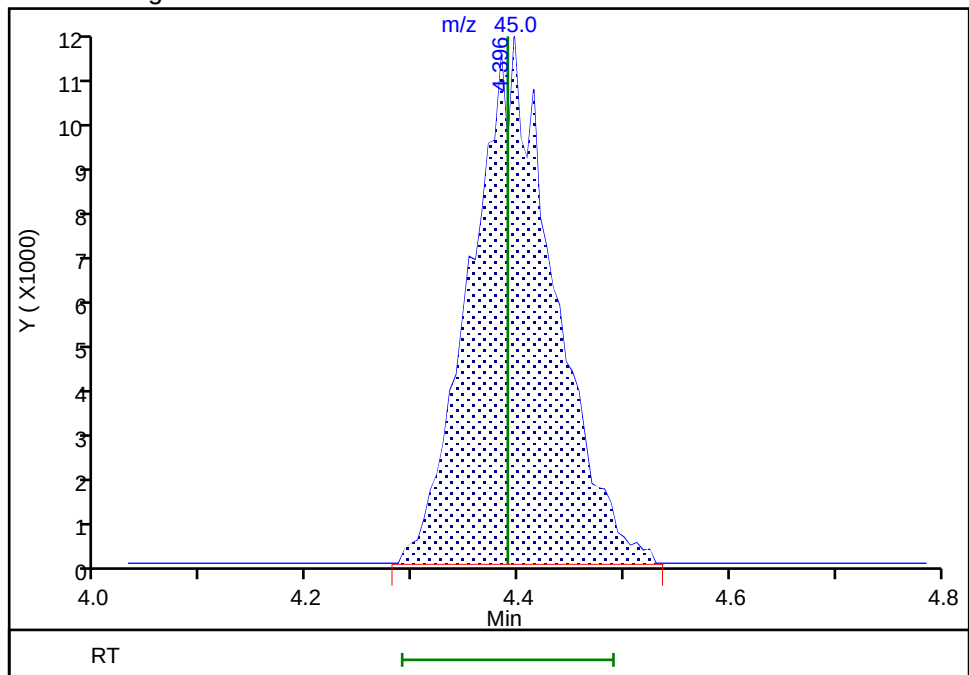
RT: 4.41
Area: 34930
Amount: 2.861752
Amount Units: ug/l

Processing Integration Results



RT: 4.40
Area: 60347
Amount: 3.769022
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:01:20 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

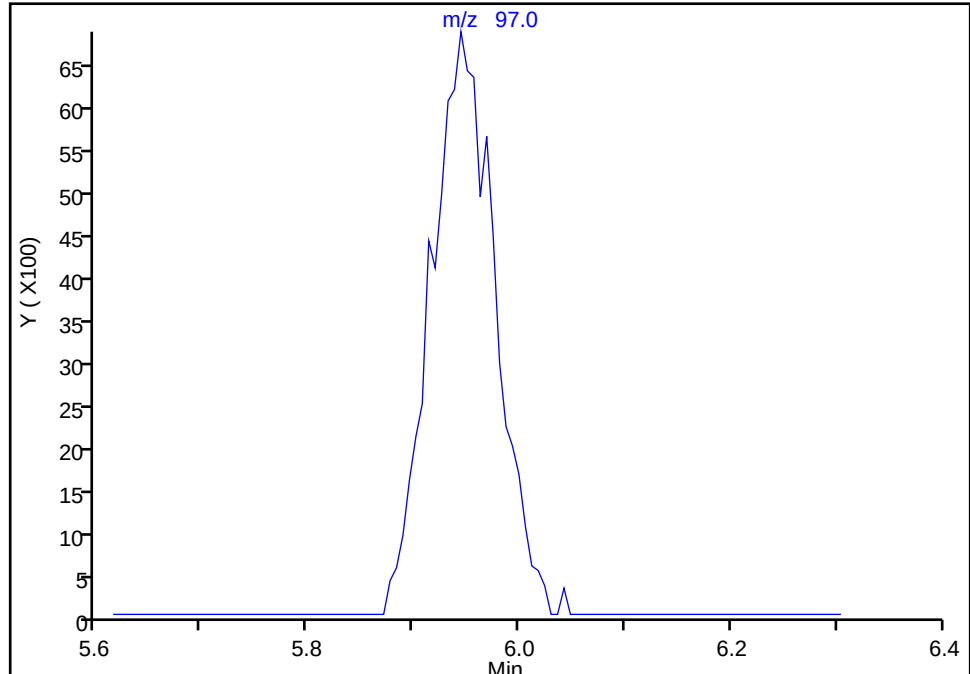
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

52 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

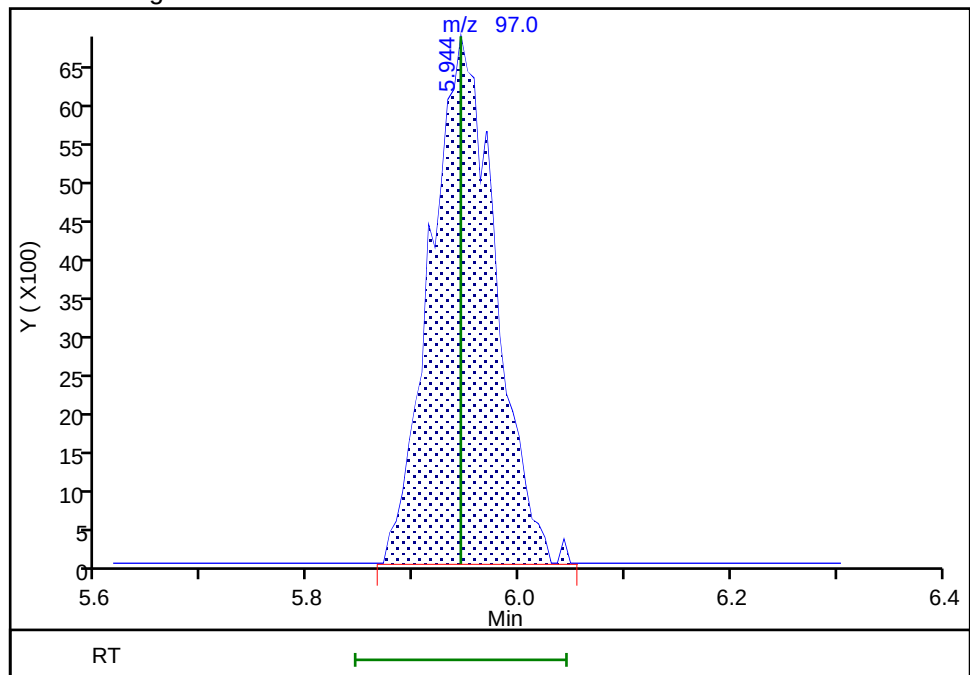
Not Detected
Expected RT: 5.94

Processing Integration Results



RT: 5.94
Area: 29008
Amount: 3.453929
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:01:32 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

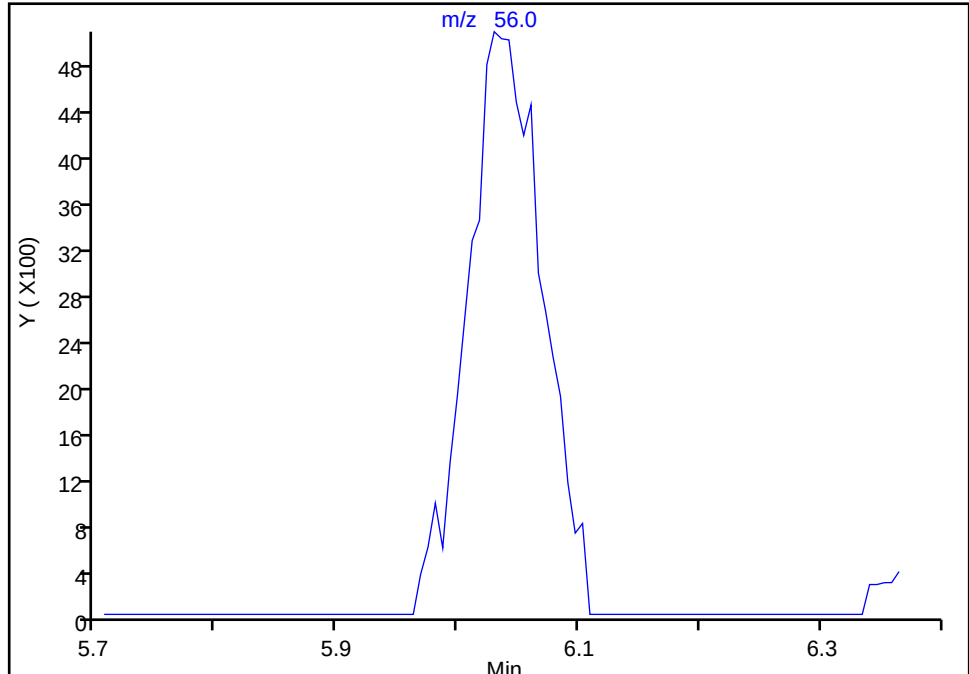
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Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

53 Cyclohexane, CAS: 110-82-7

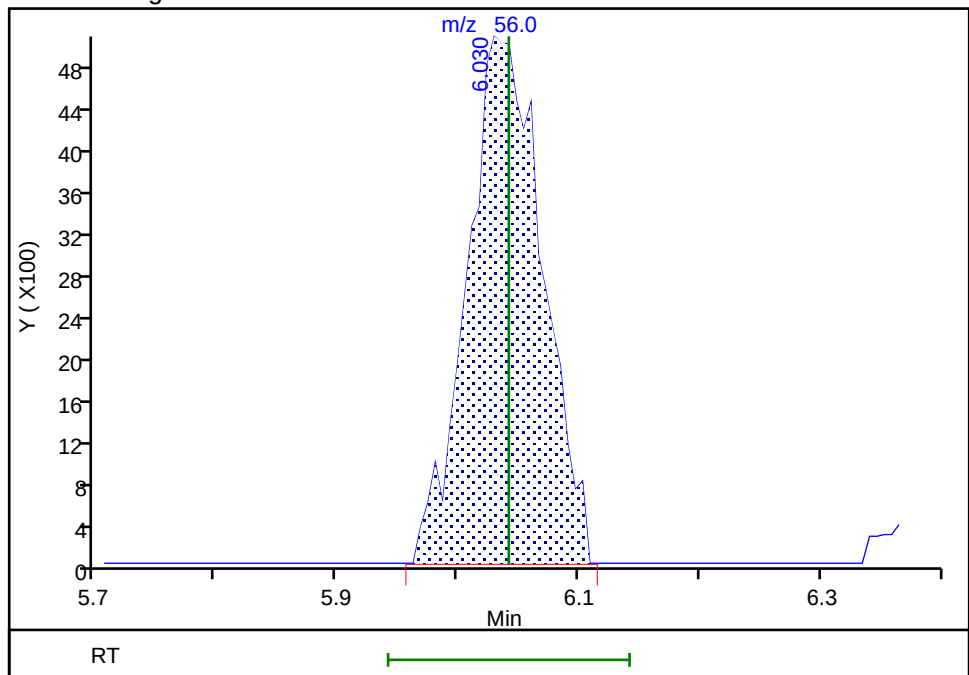
Signal: 1

Not Detected
Expected RT: 6.04

Processing Integration Results



Manual Integration Results



RT: 6.03
Area: 21906
Amount: 2.549703
Amount Units: ug/l

Reviewer: JS6E, 11-Aug-2025 23:01:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

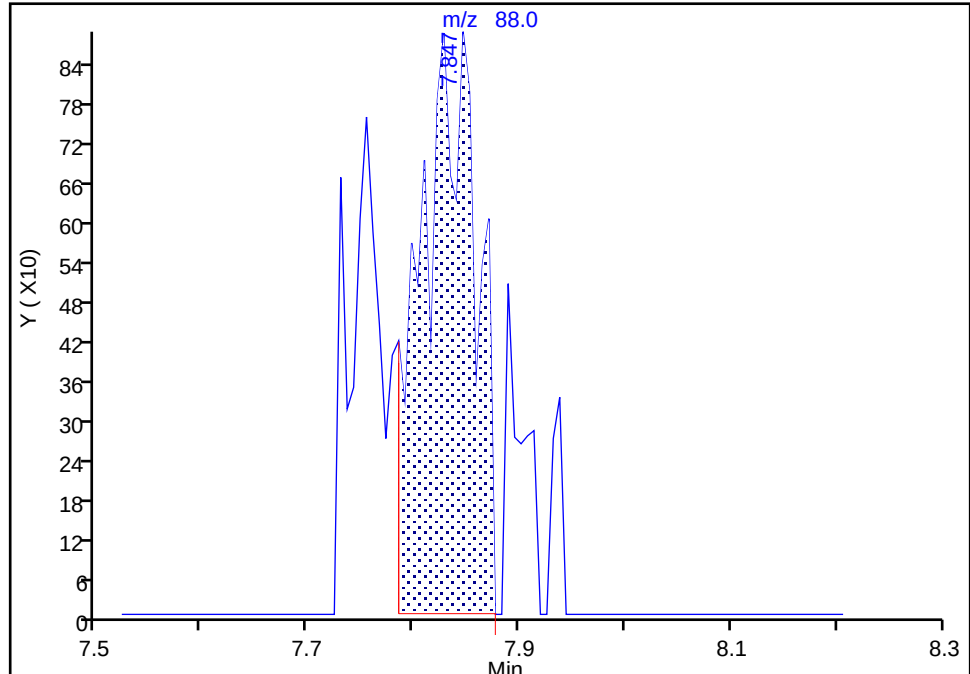
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X12.D
Injection Date: 11-Aug-2025 19:19:30 Instrument ID: 26285
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

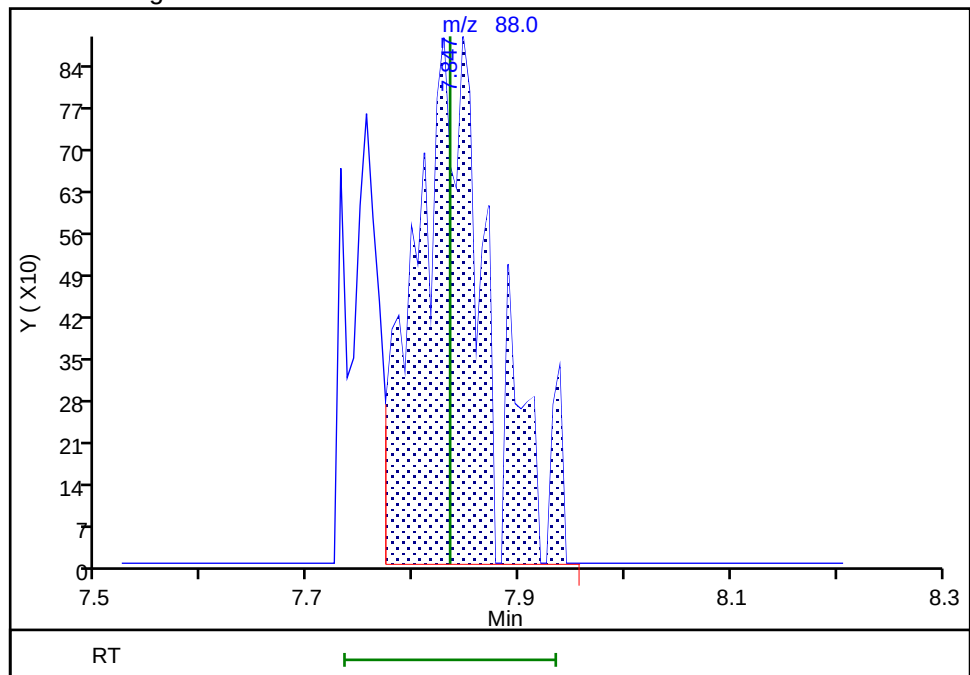
RT: 7.85
Area: 3294
Amount: 36.776330
Amount Units: ug/l

Processing Integration Results



RT: 7.85
Area: 4336
Amount: 46.602703
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:02:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X13.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 11-Aug-2025 19:39:30 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-014
 Misc. Info.: IC V10
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:42 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:59:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	79	118140	10.0	10.9	
4 Chloromethane	50	1.744	1.750	-0.006	99	110379	10.0	10.7	
6 Vinyl chloride	62	1.836	1.841	-0.005	98	97341	10.0	10.7	
5 Butadiene	39	1.860	1.866	-0.006	96	93876	10.0	10.6	
9 Bromomethane	94	2.116	2.128	-0.012	91	61830	10.0	10.3	
10 Chloroethane	64	2.146	2.152	-0.006	98	46229	10.0	10.6	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	97	147297	10.0	10.7	
12 Pentane	43	2.396	2.402	-0.006	62	75388	10.0	10.2	
13 Trichlorofluoromethane	101	2.427	2.439	-0.012	97	121269	10.0	10.7	
15 Ethyl ether	59	2.567	2.579	-0.012	93	39417	10.0	10.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.665	2.683	-0.018	93	72569	10.0	10.7	
17 Acrolein	56	2.720	2.725	-0.005	98	156074	97.6	88.5	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	98	48031	10.0	10.7	
19 Acetone	58	2.848	2.866	-0.018	97	13515	20.0	16.9	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	92	54241	10.0	10.5	
21 Iodomethane	142	3.000	3.018	-0.018	98	102785	10.0	10.4	
22 Isopropyl alcohol	45	2.994	3.024	-0.030	45	38680	50.0	54.8	M
23 Carbon disulfide	76	3.152	3.152	0.000	100	172444	10.0	10.8	M
25 Methyl acetate	43	3.189	3.201	-0.012	100	62821	10.0	9.40	
26 3-Chloro-1-propene	41	3.207	3.219	-0.012	84	77540	10.0	9.89	
28 Methylene Chloride	84	3.384	3.384	0.000	61	55611	10.0	10.3	M
* 29 t-Butyl alcohol-d10 (IS)	65	3.415	3.439	-0.024	88	353316	250.0	250.0	
30 2-Methyl-2-propanol	59	3.536	3.518	0.018	97	84634	50.0	62.7	M
31 Acrylonitrile	53	3.646	3.652	-0.006	99	80541	25.0	25.3	
32 trans-1,2-Dichloroethene	96	3.701	3.713	-0.012	97	51240	10.0	10.3	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	95	157393	10.0	9.85	
34 Hexane	57	4.079	4.091	-0.012	94	58025	10.0	10.6	
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	94081	10.0	10.4	
38 Isopropyl ether	45	4.384	4.390	-0.006	95	156136	10.0	10.0	
39 2-Chloro-1,3-butadiene	53	4.420	4.439	-0.019	94	82667	10.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.951	4.963	-0.012	98	151254	10.0	10.0	
42 2-Butanone (MEK)	43	5.201	5.194	0.007	97	82978	20.0	16.8	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	84	56463	10.0	10.2	
44 2,2-Dichloropropane	77	5.219	5.231	-0.012	85	83401	10.0	10.5	
45 Propionitrile	54	5.286	5.298	-0.012	95	74783	50.0	52.9	
46 Methyl acrylate	55	5.329	5.329	0.000	98	70858	10.0	9.46	
47 Methacrylonitrile	67	5.506	5.511	-0.005	95	76679	25.0	24.7	
48 Chlorobromomethane	128	5.548	5.554	-0.006	71	29593	10.0	10.5	
49 Tetrahydrofuran	71	5.567	5.572	-0.005	88	65522	50.0	51.5	
50 Chloroform	83	5.719	5.725	-0.006	94	95482	10.0	10.2	
52 1,1,1-Trichloroethane	97	5.945	5.944	0.001	74	87268	10.0	10.7	
\$ 51 Dibromofluoromethane (Surr)	113	5.945	5.950	-0.005	93	277220	50.0	50.2	
53 Cyclohexane	56	6.048	6.042	0.006	92	85723	10.0	10.3	
S 54 1,2-Dichloroethene, Total	100				0			20.6	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	90	73461	10.0	10.3	
56 1,1-Dichloropropene	75	6.170	6.170	0.000	92	72556	10.0	10.4	
57 Isobutyl alcohol	41	6.390	6.402	-0.012	92	68923	125.0	143.0	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.420	6.426	-0.006	83	60305	50.0	50.3	
59 Benzene	78	6.438	6.444	-0.006	93	217489	10.0	10.5	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	77264	10.0	10.1	
62 Tert-amyl methyl ether	73	6.652	6.664	-0.012	98	150469	10.0	10.0	
* 63 Fluorobenzene (IS)	96	6.871	6.877	-0.006	99	1029260	50.0	50.0	
64 n-Heptane	43	6.896	6.908	-0.012	93	52860	10.0	10.5	
65 n-Butanol	56	7.316	7.328	-0.012	95	43527	125.0	140.9	
66 Trichloroethene	95	7.371	7.377	-0.006	97	57013	10.0	10.6	
67 Ethyl acrylate	55	7.530	7.535	-0.005	98	76976	10.0	9.62	
68 Methylcyclohexane	83	7.682	7.688	-0.006	89	79146	10.0	10.0	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	51830	10.0	9.95	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	89	72204	10.0	10.2	
72 1,4-Dioxane	88	7.841	7.834	0.006	28	12023	125.0	143.7	M
73 Dibromomethane	93	7.841	7.840	0.000	77	34306	10.0	9.62	
74 Methyl methacrylate	69	7.841	7.846	-0.006	89	44927	10.0	10.0	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	98	67556	10.0	9.79	
77 2-Nitropropane	41	8.395	8.401	-0.006	99	131611	50.0	51.5	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	35694	10.0	9.44	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	81254	10.0	9.96	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	164345	20.0	17.5	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	983769	50.0	50.1	
85 Toluene	92	9.115	9.114	0.001	98	130107	10.0	10.3	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	95	73981	10.0	9.96	
87 Ethyl methacrylate	69	9.523	9.523	0.000	89	81161	10.0	10.9	
88 1,1,2-Trichloroethane	97	9.657	9.663	-0.006	93	49088	10.0	10.6	
89 Tetrachloroethene	166	9.736	9.736	0.000	97	57860	10.0	10.4	
91 1,3-Dichloropropane	76	9.834	9.840	-0.006	95	74176	10.0	10.3	
92 2-Hexanone	43	9.913	9.913	0.000	98	118303	20.0	17.9	
S 98 1,3-Dichloropropene, Total	100				0			19.9	
100 Chlorodibromomethane	129	10.072	10.072	0.000	89	57700	10.0	10.5	
101 Ethylene Dibromide	107	10.182	10.181	0.001	99	49950	10.0	10.1	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	742332	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	94	143756	10.0	10.3	
129 1-Chlorohexane	91	10.681	10.687	-0.006	64	60973	10.0	10.3	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	93	57094	10.0	10.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	260320	10.0	10.6	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	196797	20.0	21.0	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	108331	10.0	9.79	
S 135 Xylenes, Total	106				0			31.7	
136 o-Xylene	106	11.261	11.260	0.001	96	102867	10.0	10.7	
137 Styrene	104	11.279	11.279	0.000	96	164543	10.0	10.6	
138 Bromoform	173	11.437	11.437	0.000	97	45647	10.0	10.5	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	261240	10.0	10.2	
141 Cyclohexanone	55	11.657	11.657	0.000	95	78802	250.0	194.5	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	360618	50.0	50.1	
144 Bromobenzene	156	11.846	11.846	0.000	95	66606	10.0	10.3	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	95	94670	10.0	10.9	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	90	70519	25.0	27.5	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	84	28683	10.0	11.5	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	297883	10.0	10.1	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	62895	10.0	10.6	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	209131	10.0	10.0	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	60019	10.0	10.4	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	34601	10.0	9.55	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	216845	10.0	10.5	
158 sec-Butylbenzene	105	12.498	12.498	0.000	94	242312	10.0	10.0	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	121682	10.0	10.9	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	213390	10.0	9.94	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	94	431672	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	124061	10.0	10.8	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	98	219048	10.0	10.1	
166 Benzyl chloride	91	12.754	12.754	0.000	99	177515	10.0	10.9	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	95	116414	10.0	10.1	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	127932	10.0	10.3	
169 n-Butylbenzene	92	12.919	12.919	0.000	97	100668	10.0	10.3	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	98	125611	10.0	10.9	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	99306	10.0	9.95	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	85	26446	10.0	11.0	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	82898	10.0	11.1	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	94	79417	10.0	10.7	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	63298	10.0	9.43	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	93	31942	10.0	10.2	
179 Naphthalene	128	14.254	14.254	0.000	97	316595	10.0	11.0	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	78095	10.0	10.8	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	93	135429	10.0	10.8	
S 213 Total Diethylbenzene	1				0			30.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 1.00	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 2.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 2.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X13.D

Instrument ID: 26285

Operator ID: knk41612

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

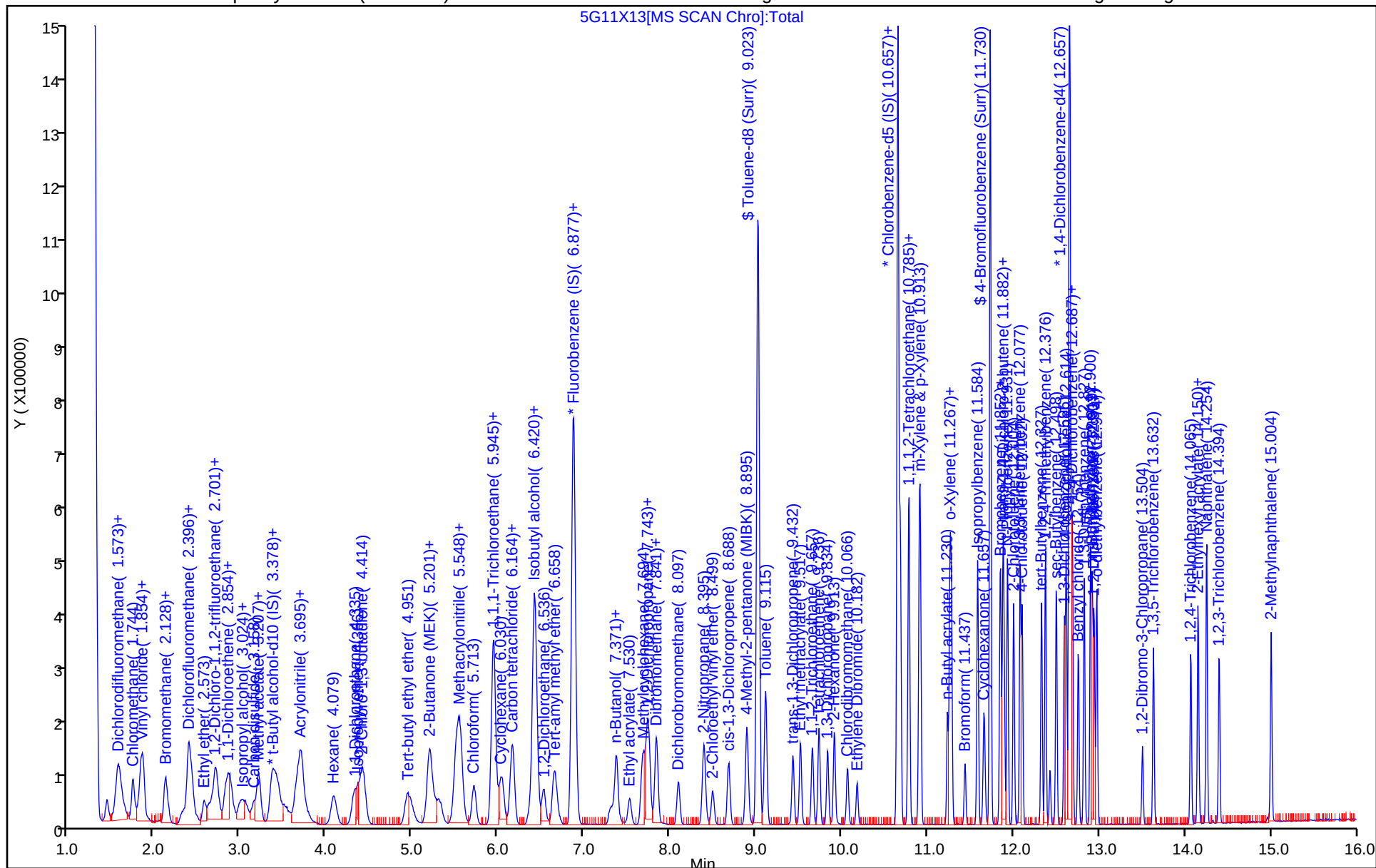
ALS Bottle#: 13

Method: MSVoa 26285a

Limit Group: MSV - 8260C D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

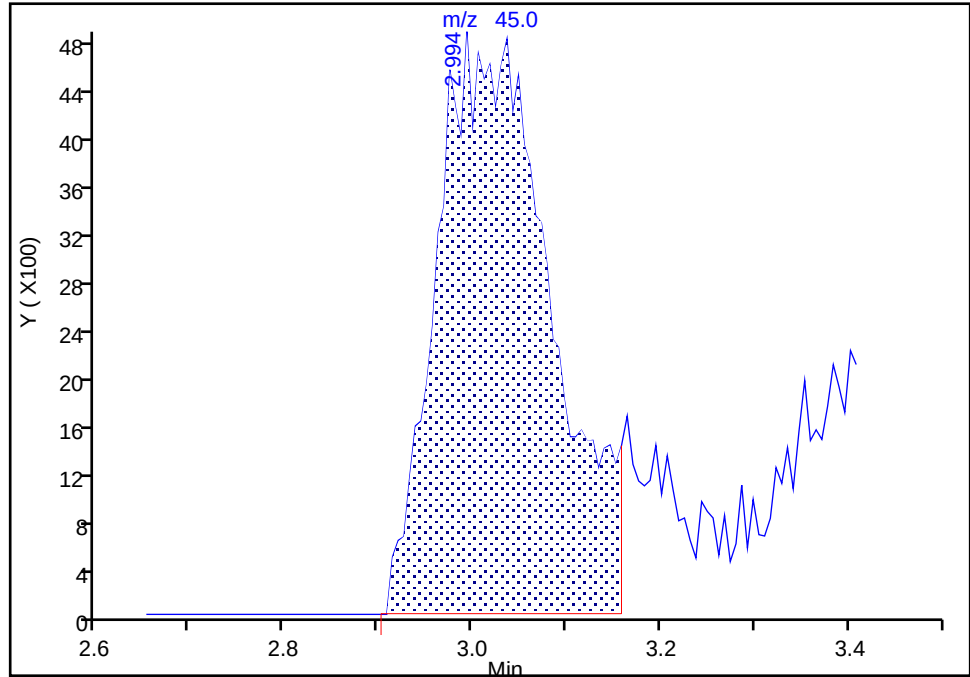
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

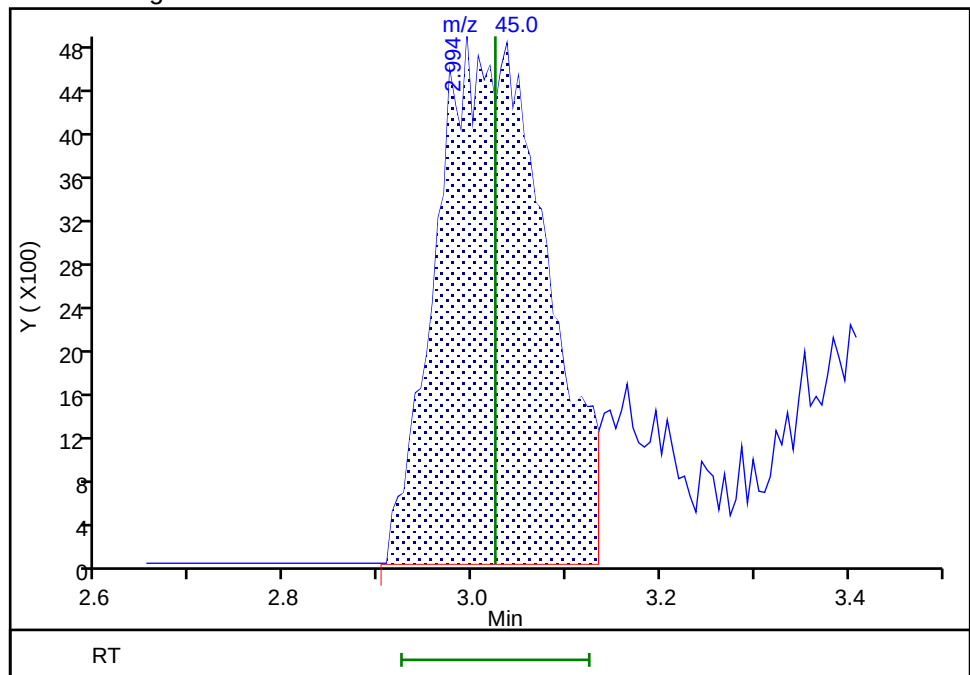
RT: 2.99
Area: 40656
Amount: 59.444728
Amount Units: ug/l

Processing Integration Results



RT: 2.99
Area: 38680
Amount: 54.825361
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:58:20 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

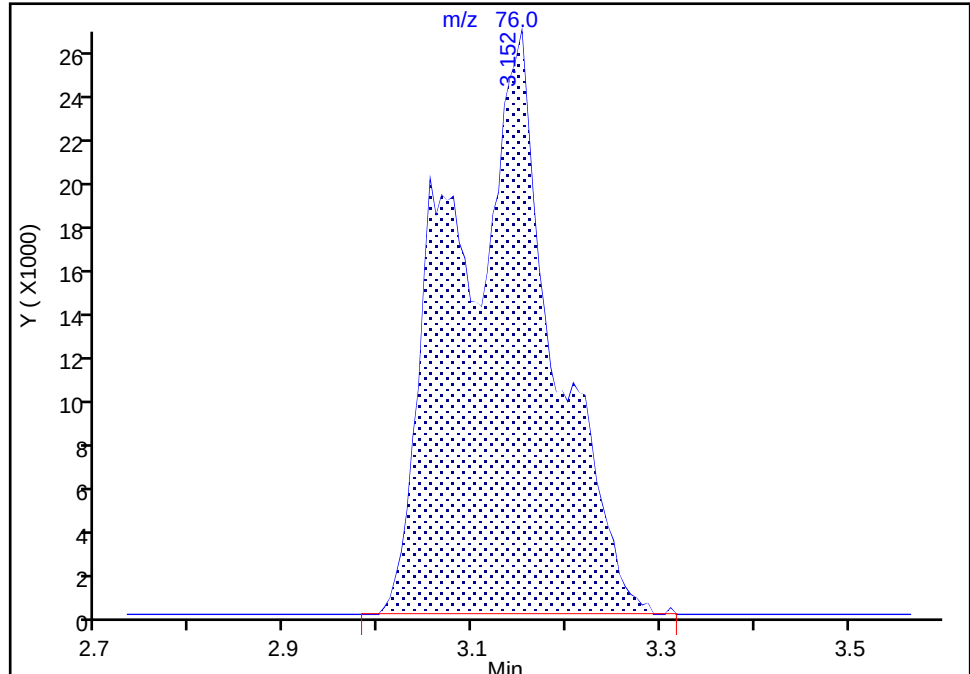
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

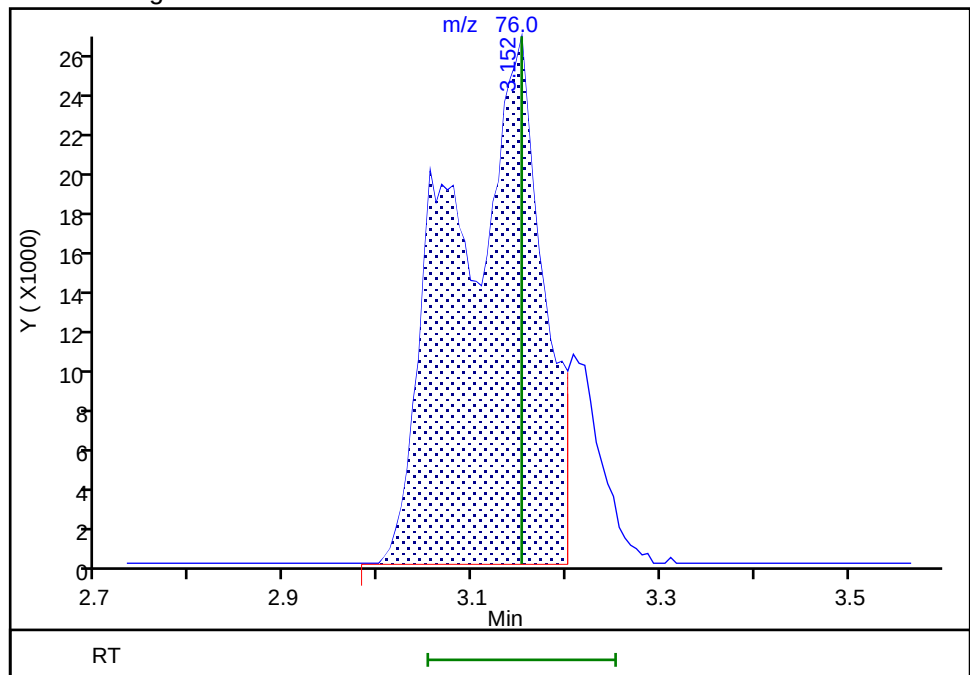
RT: 3.15
Area: 195164
Amount: 11.471321
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 172444
Amount: 10.828551
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:58:30 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

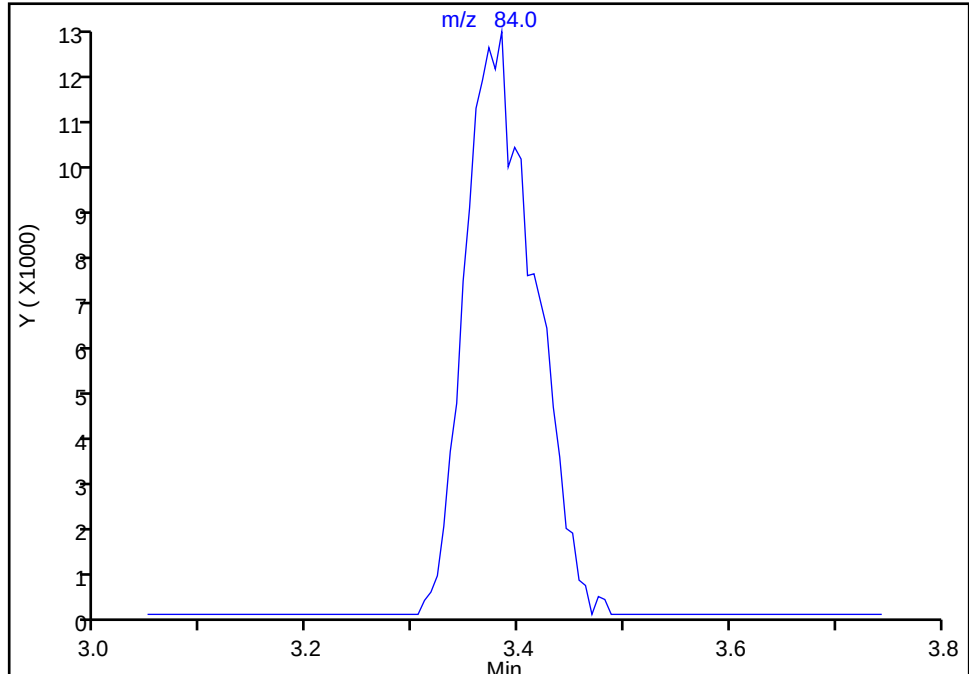
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

28 Methylene Chloride, CAS: 75-09-2

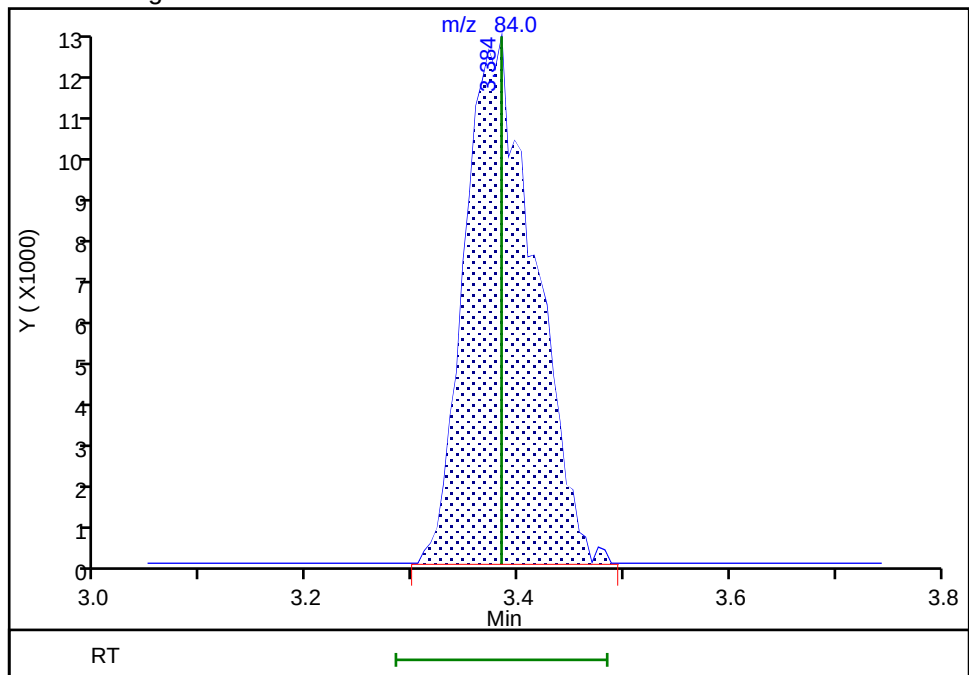
Signal: 1

Not Detected
Expected RT: 3.38

Processing Integration Results



Manual Integration Results



RT: 3.38
Area: 55611
Amount: 10.302638
Amount Units: ug/l

Reviewer: JS6E, 11-Aug-2025 22:58:40 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

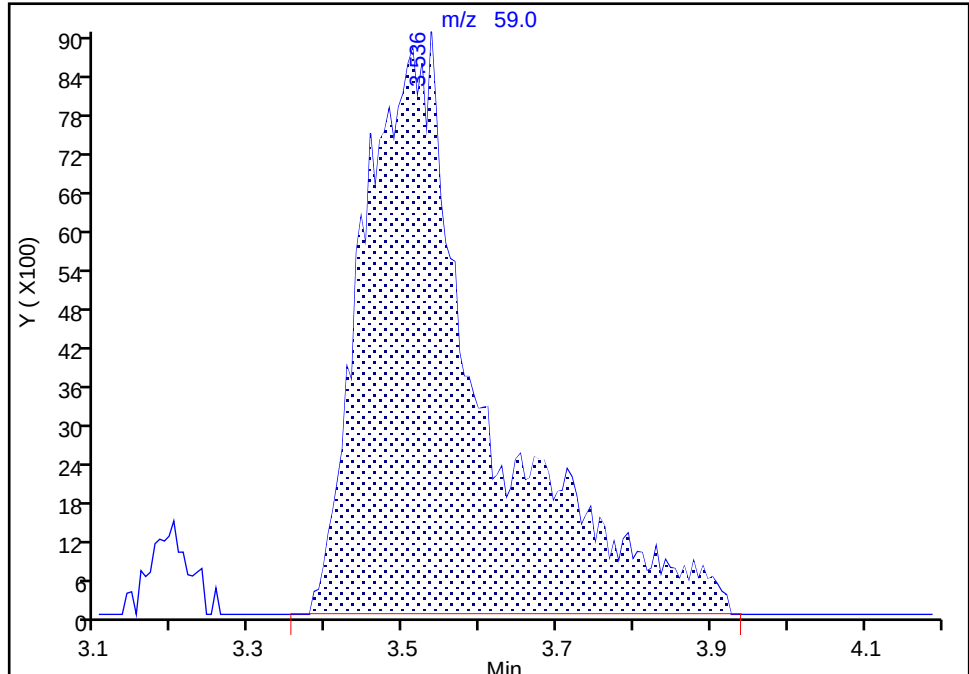
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Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

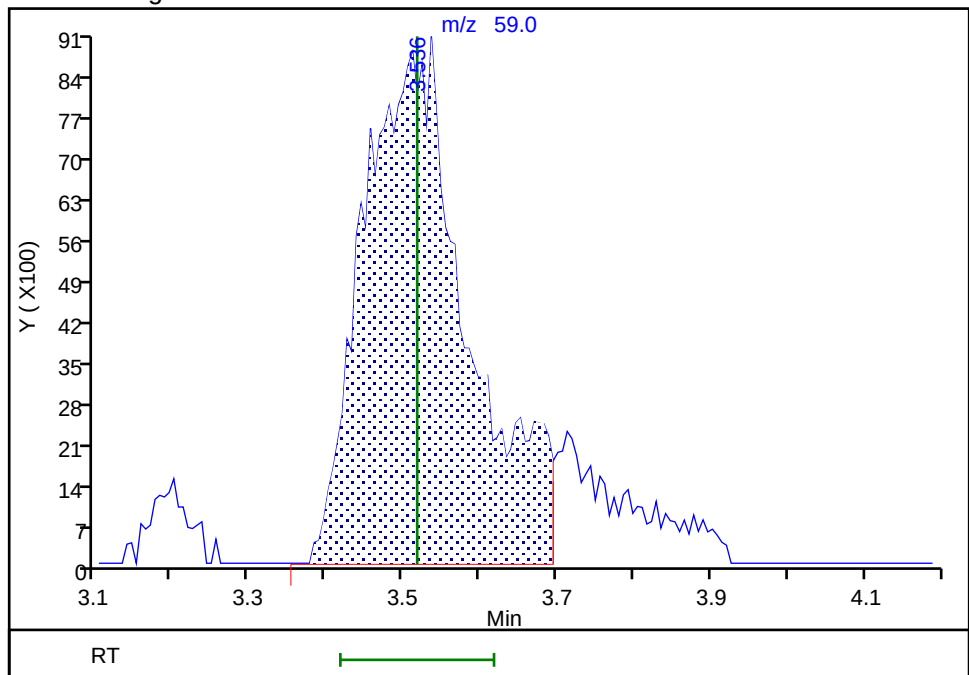
RT: 3.54
Area: 98637
Amount: 70.934769
Amount Units: ug/l

Processing Integration Results



RT: 3.54
Area: 84634
Amount: 62.667598
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:18:34 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

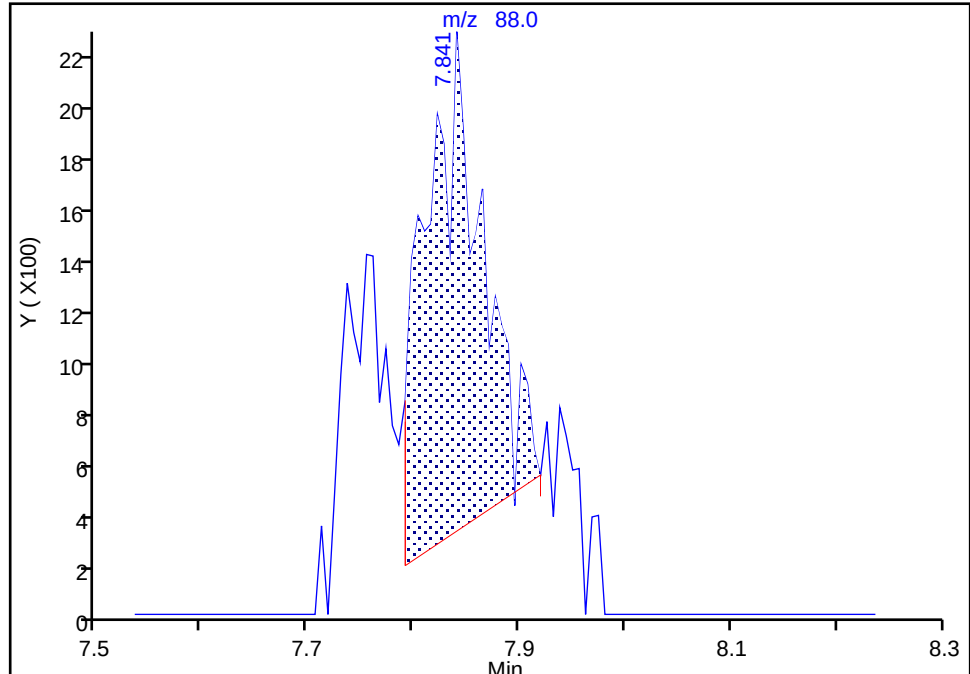
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X13.D
Injection Date: 11-Aug-2025 19:39:30 Instrument ID: 26285
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

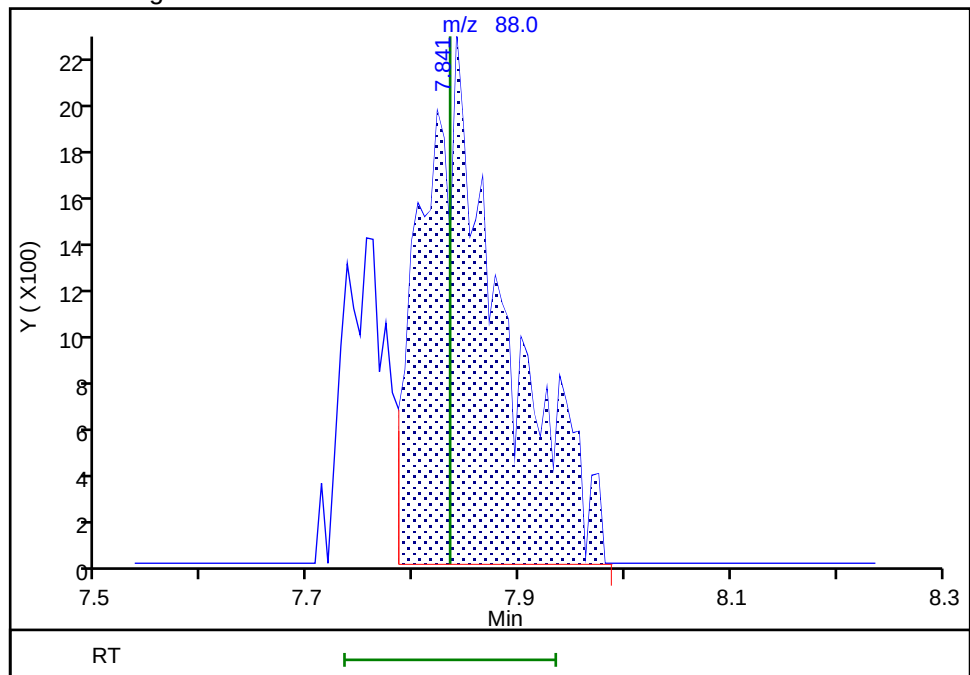
RT: 7.84
Area: 7295
Amount: 97.283792
Amount Units: ug/l

Processing Integration Results



RT: 7.84
Area: 12023
Amount: 143.6674
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:59:34 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X14.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 11-Aug-2025 20:00:30 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-015
 Misc. Info.: IC V20
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:06:50 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:57:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.580	1.579	0.001	99	212349	20.0	19.0	
4 Chloromethane	50	1.750	1.750	0.000	99	198633	20.0	18.7	
6 Vinyl chloride	62	1.842	1.841	0.001	98	174022	20.0	18.6	
5 Butadiene	39	1.872	1.866	0.006	96	162954	20.0	17.8	
9 Bromomethane	94	2.128	2.128	0.000	92	116393	20.0	18.8	
10 Chloroethane	64	2.153	2.152	0.001	99	84657	20.0	18.8	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	97	264181	20.0	18.6	
12 Pentane	43	2.409	2.402	0.007	72	174802	20.0	22.9	M
13 Trichlorofluoromethane	101	2.433	2.439	-0.006	98	217513	20.0	18.7	
15 Ethyl ether	59	2.579	2.579	0.000	95	82345	20.0	20.4	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.665	2.683	-0.018	90	130446	20.0	18.6	
17 Acrolein	56	2.720	2.725	-0.005	98	363159	195.2	187.9	
18 1,1-Dichloroethene	96	2.841	2.835	0.006	97	100643	20.0	21.8	
19 Acetone	58	2.854	2.866	-0.012	98	33982	40.0	38.8	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	91	115330	20.0	21.7	
21 Iodomethane	142	3.012	3.018	-0.006	99	212819	20.0	21.0	
22 Isopropyl alcohol	45	3.043	3.024	0.019	68	69632	100.0	90.1	M
23 Carbon disulfide	76	3.152	3.152	0.000	99	351227	20.0	21.4	M
25 Methyl acetate	43	3.195	3.201	-0.006	98	135603	20.0	19.7	
26 3-Chloro-1-propene	41	3.219	3.219	0.000	85	169709	20.0	21.1	
28 Methylene Chloride	84	3.378	3.384	-0.006	94	116157	20.0	20.9	
* 29 t-Butyl alcohol-d10 (IS)	65	3.427	3.439	-0.012	93	387044	250.0	250.0	
30 2-Methyl-2-propanol	59	3.524	3.518	0.006	99	134213	100.0	90.7	M
31 Acrylonitrile	53	3.664	3.652	0.012	99	167032	50.0	51.1	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	97	110307	20.0	21.6	
33 Methyl tert-butyl ether	73	3.707	3.713	-0.006	96	333560	20.0	20.3	
34 Hexane	57	4.079	4.091	-0.012	95	133385	20.0	22.5	
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	200203	20.0	21.4	
38 Isopropyl ether	45	4.384	4.390	-0.006	94	332471	20.0	20.8	
39 2-Chloro-1,3-butadiene	53	4.445	4.439	0.006	93	174579	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.957	4.963	-0.006	95	321081	20.0	20.6	
42 2-Butanone (MEK)	43	5.195	5.194	0.001	84	198779	40.0	39.2	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	84	121774	20.0	21.5	
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	88	174495	20.0	21.3	
45 Propionitrile	54	5.298	5.298	0.000	95	142696	100.0	92.2	
46 Methyl acrylate	55	5.335	5.329	0.006	99	159742	20.0	20.7	
47 Methacrylonitrile	67	5.506	5.511	-0.005	95	161721	50.0	50.7	
48 Chlorobromomethane	128	5.554	5.554	0.000	95	59914	20.0	20.7	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	92	132374	100.0	95.0	
50 Chloroform	83	5.725	5.725	0.000	94	205945	20.0	21.4	
52 1,1,1-Trichloroethane	97	5.945	5.944	0.000	60	183012	20.0	21.8	
\$ 51 Dibromofluoromethane (Surr)	113	5.951	5.950	0.001	93	284753	50.0	50.1	
53 Cyclohexane	56	6.042	6.042	0.000	94	186094	20.0	21.7	
S 54 1,2-Dichloroethene, Total	100				0			43.0	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	79	161304	20.0	21.9	
56 1,1-Dichloropropene	75	6.176	6.170	0.006	94	157425	20.0	21.9	
57 Isobutyl alcohol	41	6.396	6.402	-0.006	89	123295	250.0	233.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	82	61476	50.0	49.8	
59 Benzene	78	6.451	6.444	0.006	97	449882	20.0	21.0	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	162260	20.0	20.6	
62 Tert-amyl methyl ether	73	6.658	6.664	-0.006	98	310482	20.0	20.1	
* 63 Fluorobenzene (IS)	96	6.877	6.877	0.000	98	1058718	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	95	124349	20.0	22.2	
65 n-Butanol	56	7.316	7.328	-0.012	90	81103	250.0	239.7	
66 Trichloroethene	95	7.371	7.377	-0.006	98	119836	20.0	21.7	
67 Ethyl acrylate	55	7.536	7.535	0.001	99	168686	20.0	20.5	
68 Methylcyclohexane	83	7.688	7.688	0.000	92	182443	20.0	21.3	
69 1,2-Dichloropropane	63	7.731	7.731	0.000	95	114219	20.0	21.3	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	88	150241	20.0	20.6	
72 1,4-Dioxane	88	7.834	7.834	0.000	50	20801	250.0	226.9	M
73 Dibromomethane	93	7.840	7.840	0.000	94	74285	20.0	20.3	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	91524	20.0	19.9	
76 Dichlorobromomethane	83	8.103	8.102	0.001	98	144784	20.0	20.4	
77 2-Nitropropane	41	8.401	8.401	0.000	99	265524	100.0	94.9	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	94	81470	20.0	20.9	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	174488	20.0	20.8	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	382244	40.0	39.5	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1022820	50.0	50.4	
85 Toluene	92	9.115	9.114	0.001	98	282662	20.0	21.6	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	95	158339	20.0	20.6	
87 Ethyl methacrylate	69	9.523	9.523	0.000	89	156119	20.0	20.4	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	95478	20.0	20.0	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	132567	20.0	23.0	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	95	153480	20.0	20.7	
92 2-Hexanone	43	9.913	9.913	0.000	98	268777	40.0	39.4	
S 98 1,3-Dichloropropene, Total	100				0			41.4	
100 Chlorodibromomethane	129	10.066	10.072	-0.006	90	117490	20.0	20.7	
101 Ethylene Dibromide	107	10.181	10.181	0.000	99	102879	20.0	20.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	767114	50.0	50.0	
130 Chlorobenzene	112	10.687	10.687	0.000	94	307026	20.0	21.3	
129 1-Chlorohexane	91	10.681	10.687	-0.006	67	138375	20.0	22.7	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	119435	20.0	21.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	555523	20.0	21.9	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	427452	40.0	44.1	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	241170	20.0	21.1	
S 135 Xylenes, Total	106				0			66.1	
136 o-Xylene	106	11.261	11.260	0.001	97	218652	20.0	22.0	
137 Styrene	104	11.279	11.279	0.000	96	348095	20.0	21.6	
138 Bromoform	173	11.437	11.437	0.000	97	87648	20.0	19.6	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	566834	20.0	21.5	
141 Cyclohexanone	55	11.657	11.657	0.000	95	170572	500.0	384.4	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	369631	50.0	49.7	
144 Bromobenzene	156	11.846	11.846	0.000	94	136785	20.0	20.6	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	177683	20.0	19.9	
146 trans-1,4-Dichloro-2-butene	53	11.876	11.882	-0.006	91	132388	50.0	50.5	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	83	50351	20.0	19.7	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	644904	20.0	21.4	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	132097	20.0	21.8	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	453279	20.0	21.2	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	127850	20.0	21.7	
154 tert-Butylbenzene	134	12.327	12.327	0.000	94	79879	20.0	21.6	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	469139	20.0	22.2	
158 sec-Butylbenzene	105	12.504	12.498	0.006	95	528318	20.0	21.4	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	244028	20.0	21.3	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	468315	20.0	21.3	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.657	0.000	93	441433	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	96	246704	20.0	21.0	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	466029	20.0	21.0	
166 Benzyl chloride	91	12.754	12.754	0.000	99	343570	20.0	20.7	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	254334	20.0	21.5	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	272745	20.0	21.5	
169 n-Butylbenzene	92	12.919	12.919	0.000	98	218959	20.0	21.8	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	246768	20.0	21.0	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	217453	20.0	21.3	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	86	51129	20.0	20.8	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	97	173266	20.0	22.6	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	93	170720	20.0	22.4	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	150356	20.0	21.9	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	93	69014	20.0	20.9	
179 Naphthalene	128	14.254	14.254	0.000	97	646455	20.0	22.0	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	96	168164	20.0	22.8	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	93	298931	20.0	23.3	
S 213 Total Diethylbenzene	1				0			64.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 16.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 4.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 4.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:06:51

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X14.D

Injection Date: 11-Aug-2025 20:00:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

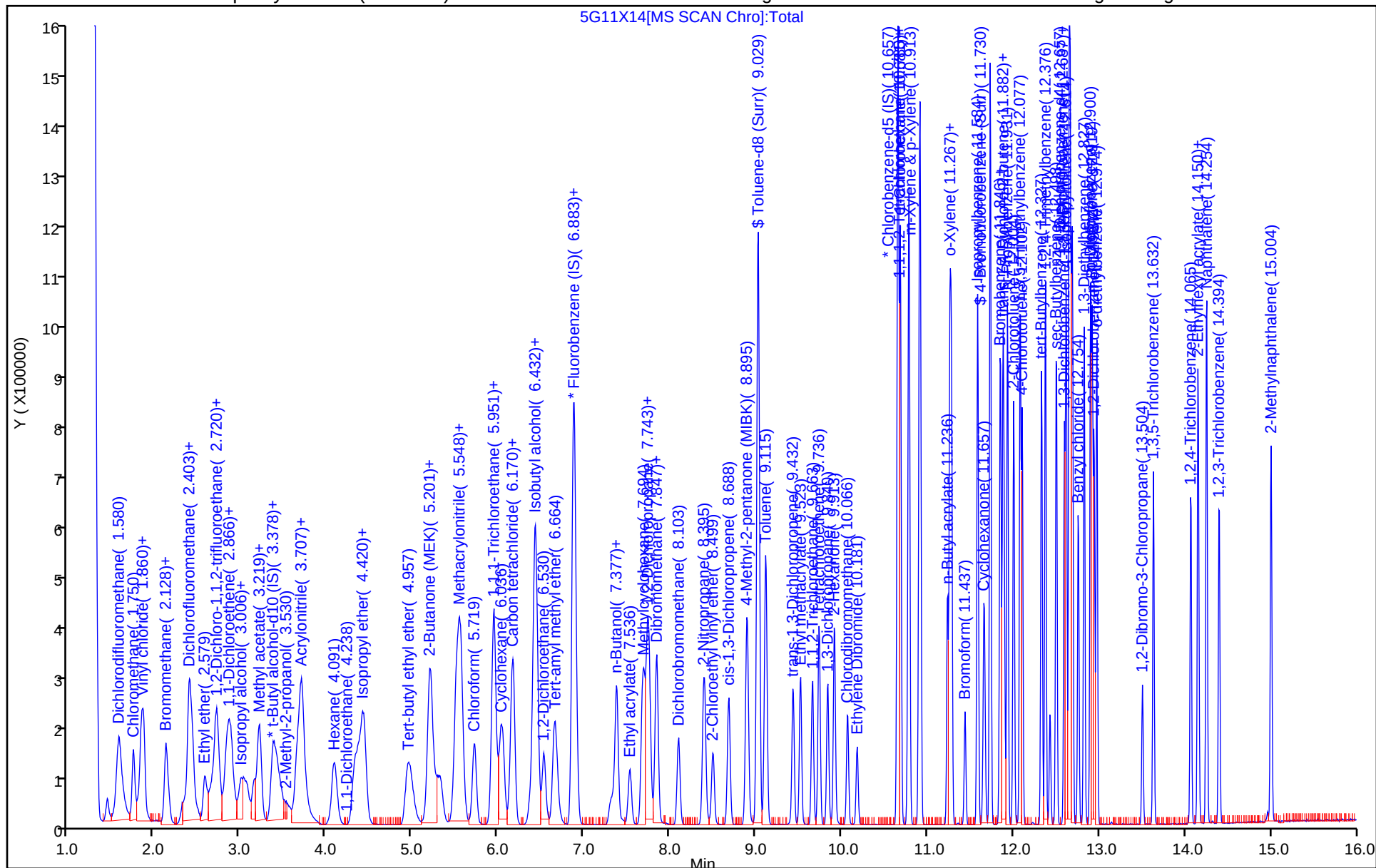
ALS Bottle#: 14

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

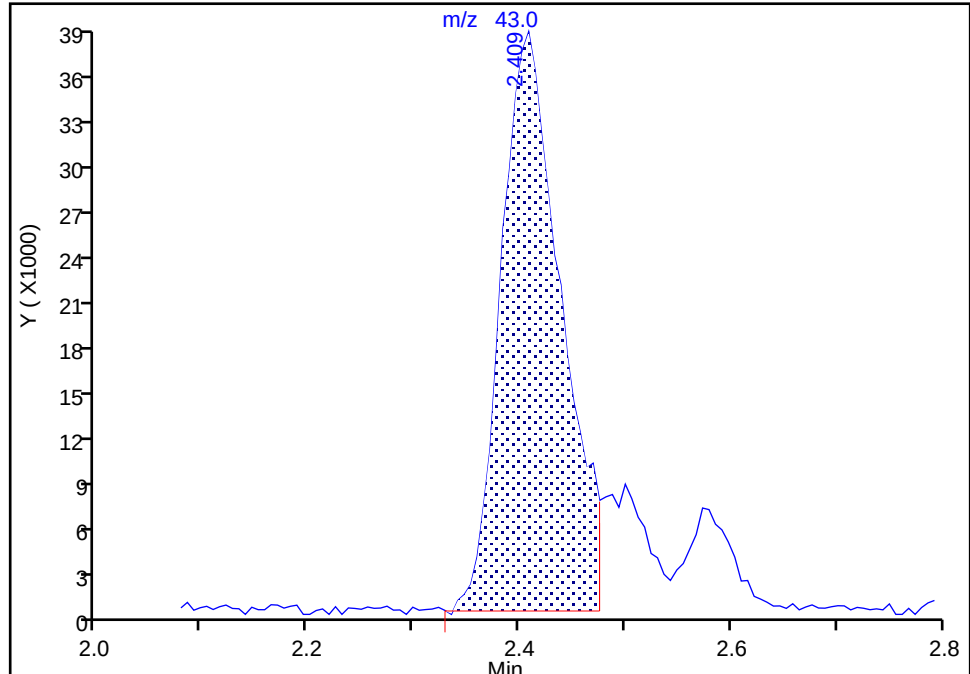
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

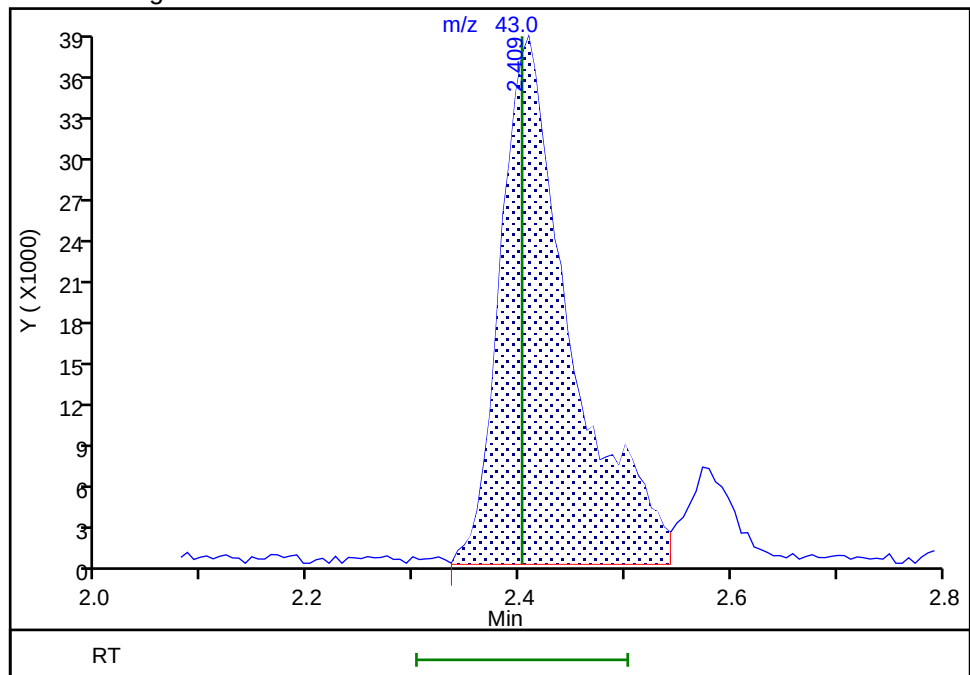
RT: 2.41
Area: 149494
Amount: 19.262247
Amount Units: ug/l

Processing Integration Results



RT: 2.41
Area: 174802
Amount: 22.889693
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 12-Aug-2025 13:34:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC

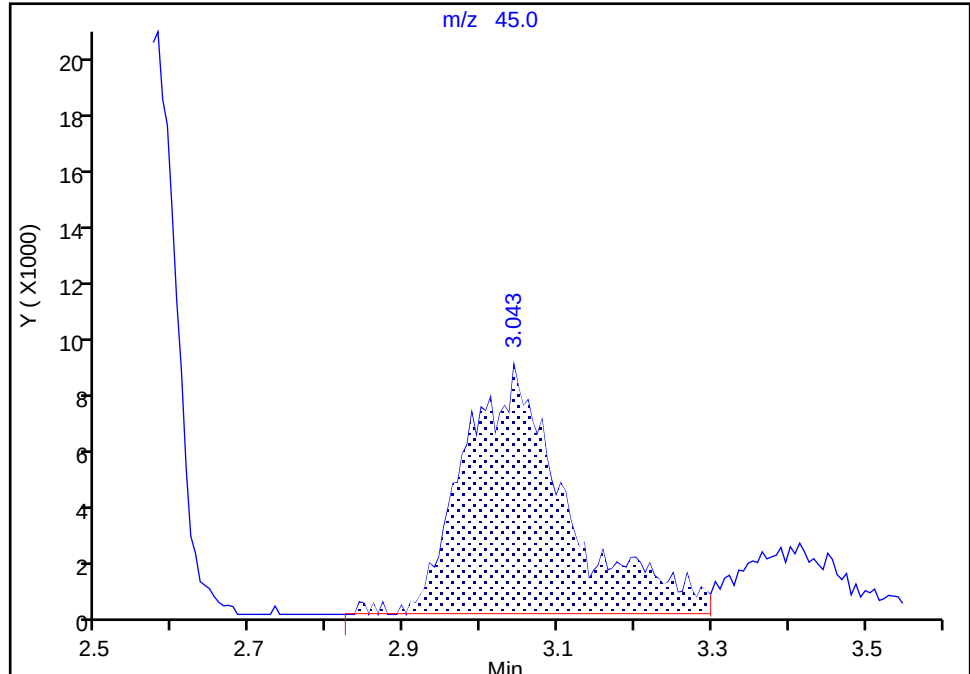
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

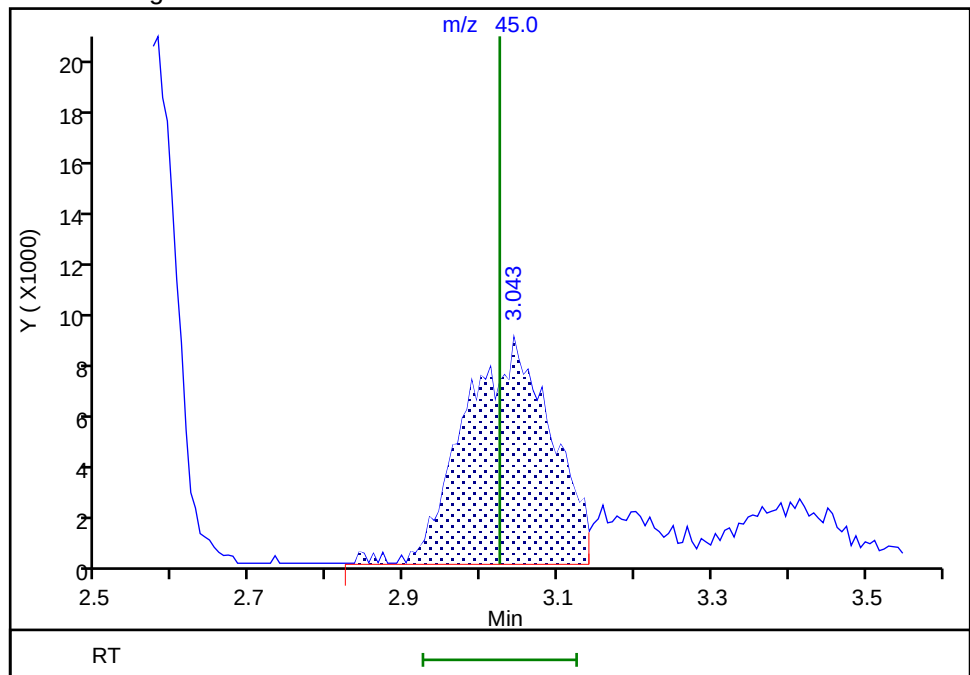
RT: 3.04
Area: 83035
Amount: 105.4574
Amount Units: ug/l

Processing Integration Results



RT: 3.04
Area: 69632
Amount: 90.096282
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:56:38 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

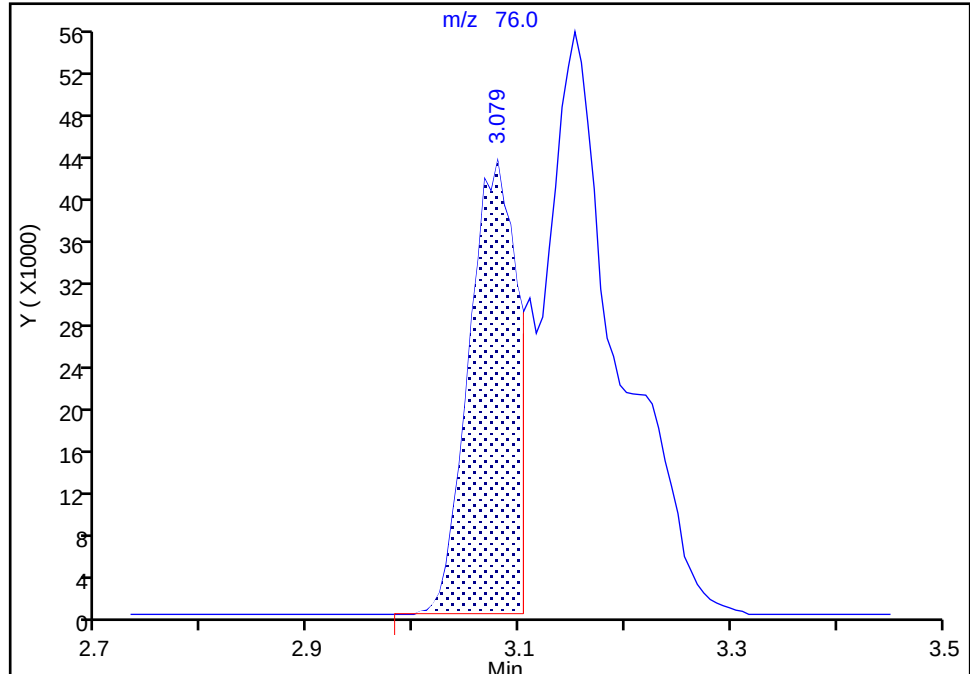
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

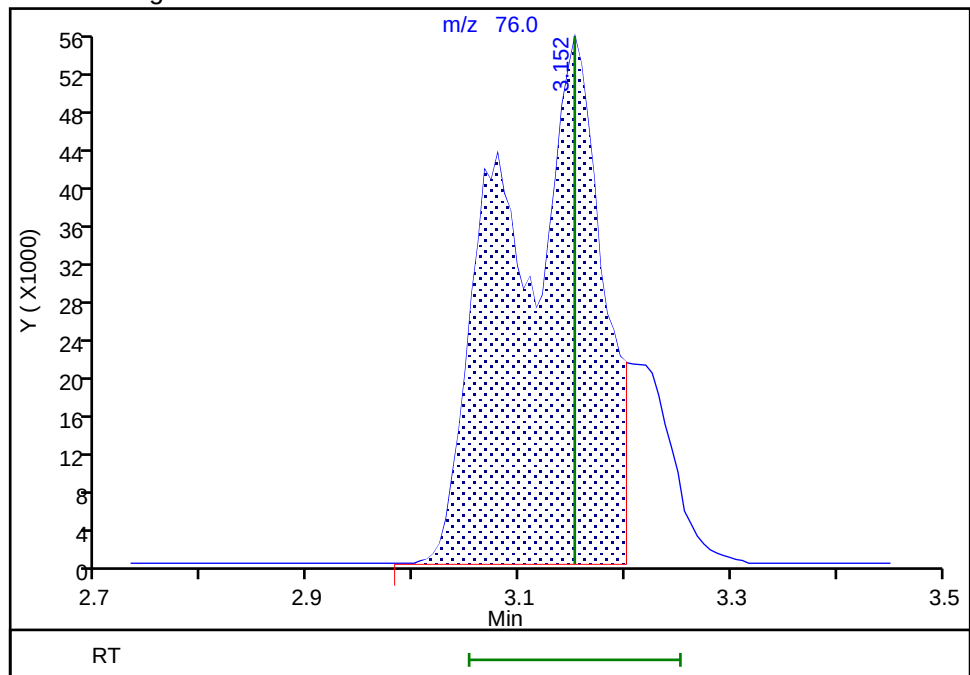
RT: 3.08
Area: 137962
Amount: 9.505462
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 351227
Amount: 21.441489
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:56:48 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

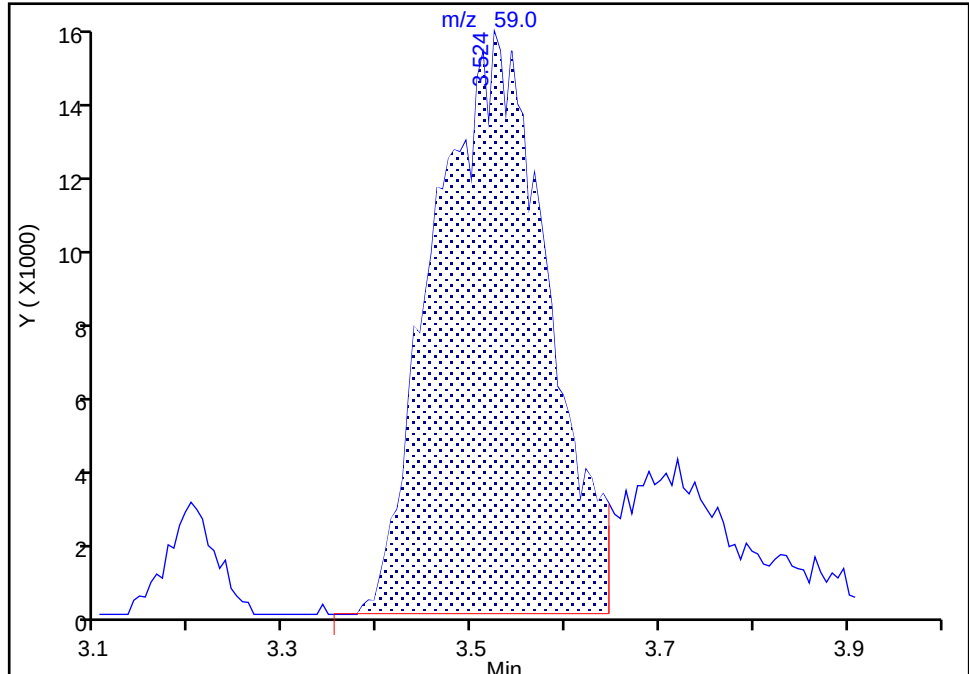
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Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

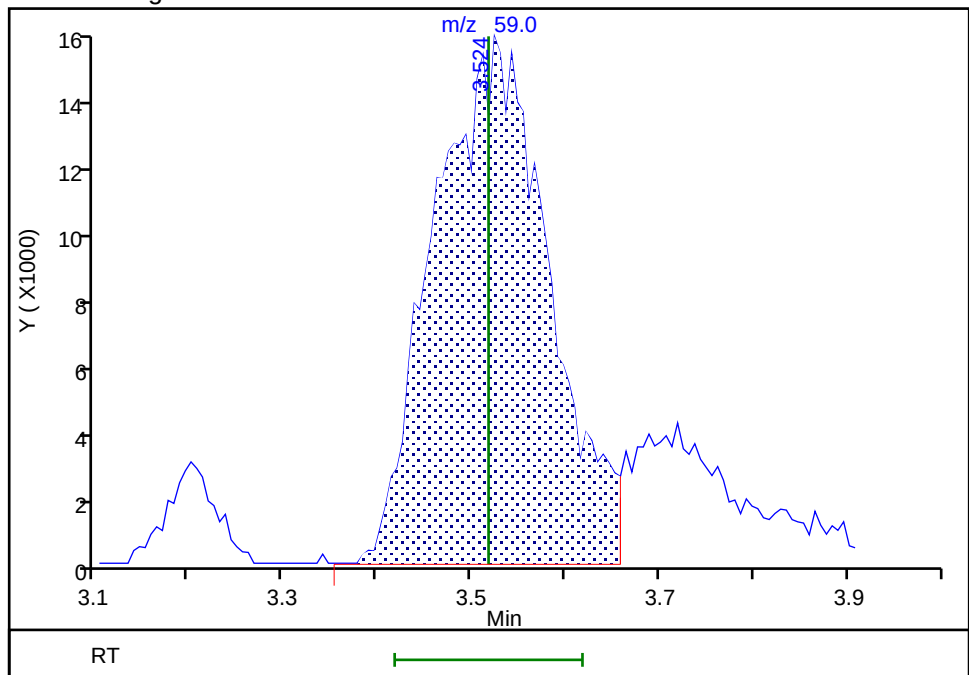
RT: 3.52
Area: 132268
Amount: 86.990128
Amount Units: ug/l

Processing Integration Results



RT: 3.52
Area: 134213
Amount: 90.718473
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:18:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

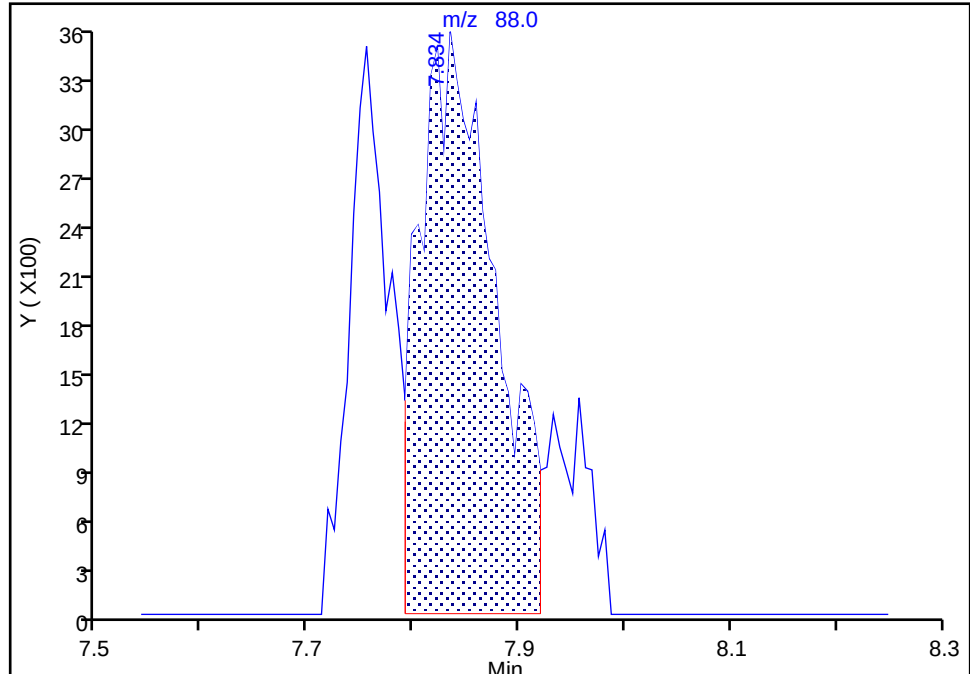
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X14.D
Injection Date: 11-Aug-2025 20:00:30 Instrument ID: 26285
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

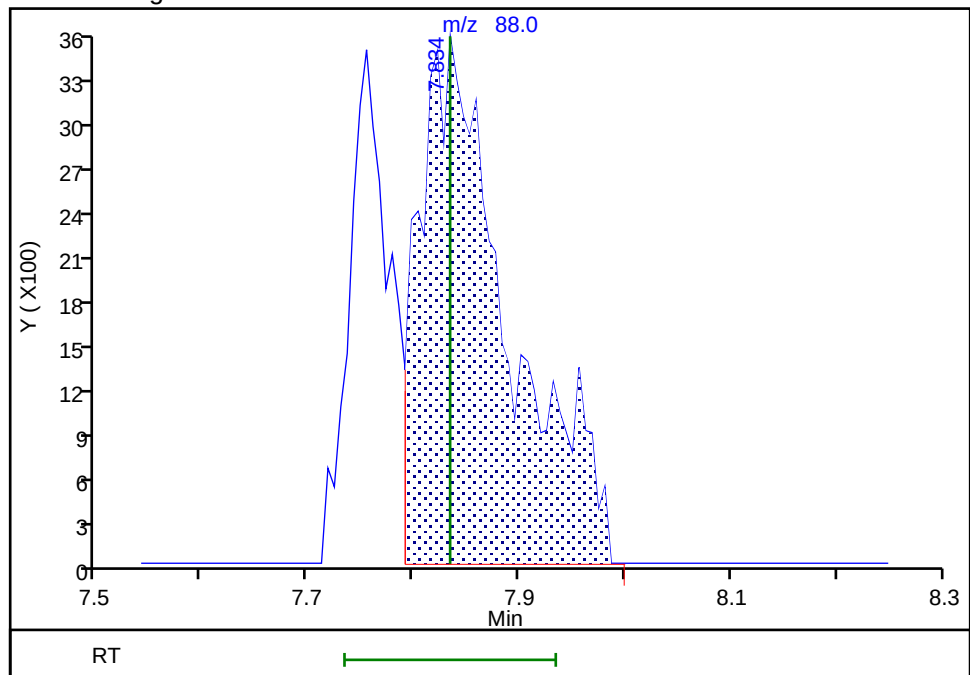
RT: 7.83
Area: 17649
Amount: 220.4918
Amount Units: ug/l

Processing Integration Results



RT: 7.83
Area: 20801
Amount: 226.8990
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:57:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 11-Aug-2025 20:20:30 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-016
 Misc. Info.: ICIS V50
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:13 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:46:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.579	1.579	0.000	99	599487	50.0	53.0	
4 Chloromethane	50	1.750	1.750	0.000	99	534454	50.0	49.7	
6 Vinyl chloride	62	1.841	1.841	0.000	98	487806	50.0	51.6	
5 Butadiene	39	1.866	1.866	0.000	96	448823	50.0	48.5	
9 Bromomethane	94	2.128	2.128	0.000	91	327263	50.0	52.3	
10 Chloroethane	64	2.152	2.152	0.000	98	233246	50.0	51.3	
11 Dichlorofluoromethane	67	2.396	2.396	0.000	97	722652	50.0	50.3	
12 Pentane	43	2.402	2.402	0.000	98	438219	50.0	56.7	
13 Trichlorofluoromethane	101	2.439	2.439	0.000	99	618819	50.0	52.4	
15 Ethyl ether	59	2.579	2.579	0.000	94	205205	50.0	50.2	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.683	2.683	0.000	92	367510	50.0	51.9	
17 Acrolein	56	2.725	2.725	0.000	98	856266	487.9	480.0	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	97	255638	50.0	54.6	
19 Acetone	58	2.866	2.866	0.000	99	78742	100.0	97.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.884	2.884	0.000	90	294698	50.0	54.8	
21 Iodomethane	142	3.018	3.018	0.000	98	545137	50.0	53.1	
22 Isopropyl alcohol	45	3.024	3.024	0.000	93	171468	250.0	240.3	
23 Carbon disulfide	76	3.152	3.152	0.000	99	896874	50.0	54.1	Ma
25 Methyl acetate	43	3.201	3.201	0.000	98	328166	50.0	47.2	
26 3-Chloro-1-propene	41	3.219	3.219	0.000	87	436251	50.0	53.5	
28 Methylene Chloride	84	3.384	3.384	0.000	94	292365	50.0	52.0	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	91	357311	250.0	250.0	
30 2-Methyl-2-propanol	59	3.518	3.518	0.000	99	329524	250.0	241.3	
31 Acrylonitrile	53	3.652	3.652	0.000	97	412326	125.0	124.5	
32 trans-1,2-Dichloroethene	96	3.713	3.713	0.000	97	274966	50.0	53.2	
33 Methyl tert-butyl ether	73	3.713	3.713	0.000	96	857748	50.0	51.6	
34 Hexane	57	4.091	4.091	0.000	95	345576	50.0	56.0	
36 1,1-Dichloroethane	63	4.323	4.323	0.000	96	512599	50.0	54.2	
38 Isopropyl ether	45	4.390	4.390	0.000	94	852841	50.0	52.7	
39 2-Chloro-1,3-butadiene	53	4.439	4.439	0.000	93	453169	50.0	55.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.963	4.963	0.000	99	844896	50.0	53.7	
42 2-Butanone (MEK)	43	5.194	5.194	0.000	83	462180	100.0	90.1	
43 cis-1,2-Dichloroethene	96	5.207	5.207	0.000	83	307472	50.0	53.5	
44 2,2-Dichloropropane	77	5.231	5.231	0.000	90	446115	50.0	53.9	
45 Propionitrile	54	5.298	5.298	0.000	97	362328	250.0	253.5	
46 Methyl acrylate	55	5.329	5.329	0.000	99	387464	50.0	49.7	
47 Methacrylonitrile	67	5.511	5.511	0.000	93	411246	125.0	127.4	
48 Chlorobromomethane	128	5.554	5.554	0.000	96	153775	50.0	52.4	
49 Tetrahydrofuran	71	5.572	5.572	0.000	90	322969	250.0	251.2	
50 Chloroform	83	5.725	5.725	0.000	95	515914	50.0	52.9	
52 1,1,1-Trichloroethane	97	5.944	5.944	0.000	98	474372	50.0	55.9	
\$ 51 Dibromofluoromethane (Surr)	113	5.950	5.950	0.000	86	284355	50.0	49.5	
53 Cyclohexane	56	6.042	6.042	0.000	93	489782	50.0	56.4	
55 Carbon tetrachloride	117	6.164	6.164	0.000	97	421185	50.0	56.6	
56 1,1-Dichloropropene	75	6.170	6.170	0.000	96	402423	50.0	55.2	
57 Isobutyl alcohol	41	6.402	6.402	0.000	92	283482	625.0	581.5	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	97	62112	50.0	49.7	
59 Benzene	78	6.444	6.444	0.000	98	1160979	50.0	53.6	
60 1,2-Dichloroethane	62	6.536	6.536	0.000	98	413185	50.0	51.8	
62 Tert-amyl methyl ether	73	6.664	6.664	0.000	98	815543	50.0	52.3	
* 63 Fluorobenzene (IS)	96	6.883	6.883	0.000	98	1071785	50.0	50.0	
64 n-Heptane	43	6.908	6.908	0.000	94	314147	50.0	53.3	
65 n-Butanol	56	7.328	7.328	0.000	93	197015	625.0	630.7	
66 Trichloroethene	95	7.377	7.377	0.000	97	309199	50.0	55.3	
67 Ethyl acrylate	55	7.535	7.535	0.000	99	433722	50.0	52.0	
68 Methylcyclohexane	83	7.688	7.688	0.000	92	475548	50.0	53.5	
69 1,2-Dichloropropane	63	7.731	7.731	0.000	96	289849	50.0	53.4	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	90	382108	50.0	51.7	
72 1,4-Dioxane	88	7.834	7.834	0.000	84	48200	625.0	569.5	M
73 Dibromomethane	93	7.840	7.840	0.000	94	192434	50.0	51.8	
74 Methyl methacrylate	69	7.846	7.846	0.000	92	240379	50.0	51.5	
76 Dichlorobromomethane	83	8.102	8.102	0.000	99	391458	50.0	54.5	
77 2-Nitropropane	41	8.401	8.401	0.000	99	686691	250.0	266.0	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	196551	50.0	49.9	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	93	463389	50.0	54.5	
83 4-Methyl-2-pentanone (MIBK)	43	8.901	8.901	0.000	98	966092	100.0	98.5	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1050754	50.0	50.2	
85 Toluene	92	9.114	9.114	0.000	98	730256	50.0	54.1	
86 trans-1,3-Dichloropropene	75	9.438	9.438	0.000	96	417013	50.0	52.7	
87 Ethyl methacrylate	69	9.523	9.523	0.000	90	405764	50.0	51.3	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	251924	50.0	51.2	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	340045	50.0	57.2	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	95	401696	50.0	52.6	
92 2-Hexanone	43	9.913	9.913	0.000	98	696000	100.0	98.9	
100 Chlorodibromomethane	129	10.072	10.072	0.000	90	311344	50.0	53.3	
101 Ethylene Dibromide	107	10.181	10.181	0.000	98	274295	50.0	52.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	790651	50.0	50.0	
130 Chlorobenzene	112	10.687	10.687	0.000	95	805726	50.0	54.2	
129 1-Chlorohexane	91	10.687	10.687	0.000	66	365973	50.0	58.2	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	311630	50.0	53.9	
132 Ethylbenzene	91	10.785	10.785	0.000	98	1444828	50.0	55.2	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	1123853	100.0	112.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 n-Butyl acrylate	55	11.230	11.230	0.000	96	608142	50.0	51.6	
136 o-Xylene	106	11.260	11.260	0.000	97	567594	50.0	55.5	
137 Styrene	104	11.279	11.279	0.000	95	900907	50.0	54.3	
138 Bromoform	173	11.437	11.437	0.000	98	243850	50.0	52.8	
139 Isopropylbenzene	105	11.583	11.583	0.000	96	1487443	50.0	54.7	
141 Cyclohexanone	55	11.657	11.657	0.000	94	198559	625.0	484.7	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	94	384428	50.0	50.2	
144 Bromobenzene	156	11.846	11.846	0.000	94	361984	50.0	54.2	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	455993	50.0	50.8	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	91	345798	125.0	130.8	
147 1,2,3-Trichloropropane	110	11.894	11.894	0.000	83	131672	50.0	51.1	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	1681833	50.0	55.5	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	342562	50.0	56.0	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	94	1183608	50.0	54.9	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	334123	50.0	56.3	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	211264	50.0	56.6	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	1227936	50.0	57.7	a
158 sec-Butylbenzene	105	12.498	12.498	0.000	95	1420686	50.0	57.0	
159 1,3-Dichlorobenzene	146	12.595	12.595	0.000	99	641244	50.0	55.6	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	1251350	50.0	56.5	
* 163 1,4-Dichlorobenzene-d4	152	12.656	12.656	0.000	93	444991	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	645546	50.0	54.6	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	1214398	50.0	54.2	
166 Benzyl chloride	91	12.754	12.754	0.000	99	901585	50.0	53.9	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	674938	50.0	56.6	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	718668	50.0	56.1	
169 n-Butylbenzene	92	12.919	12.919	0.000	98	572085	50.0	56.6	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	654199	50.0	55.2	
172 o-diethylbenzene	119	12.973	12.973	0.000	95	577238	50.0	56.1	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	87	125928	50.0	50.8	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	448924	50.0	58.1	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	93	431420	50.0	56.2	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	382815	50.0	55.3	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	91	183731	50.0	54.0	
179 Naphthalene	128	14.254	14.254	0.000	97	1573513	50.0	53.1	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	412269	50.0	55.3	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	728839	50.0	56.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 5.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:07:15

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D

Injection Date: 11-Aug-2025 20:20:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

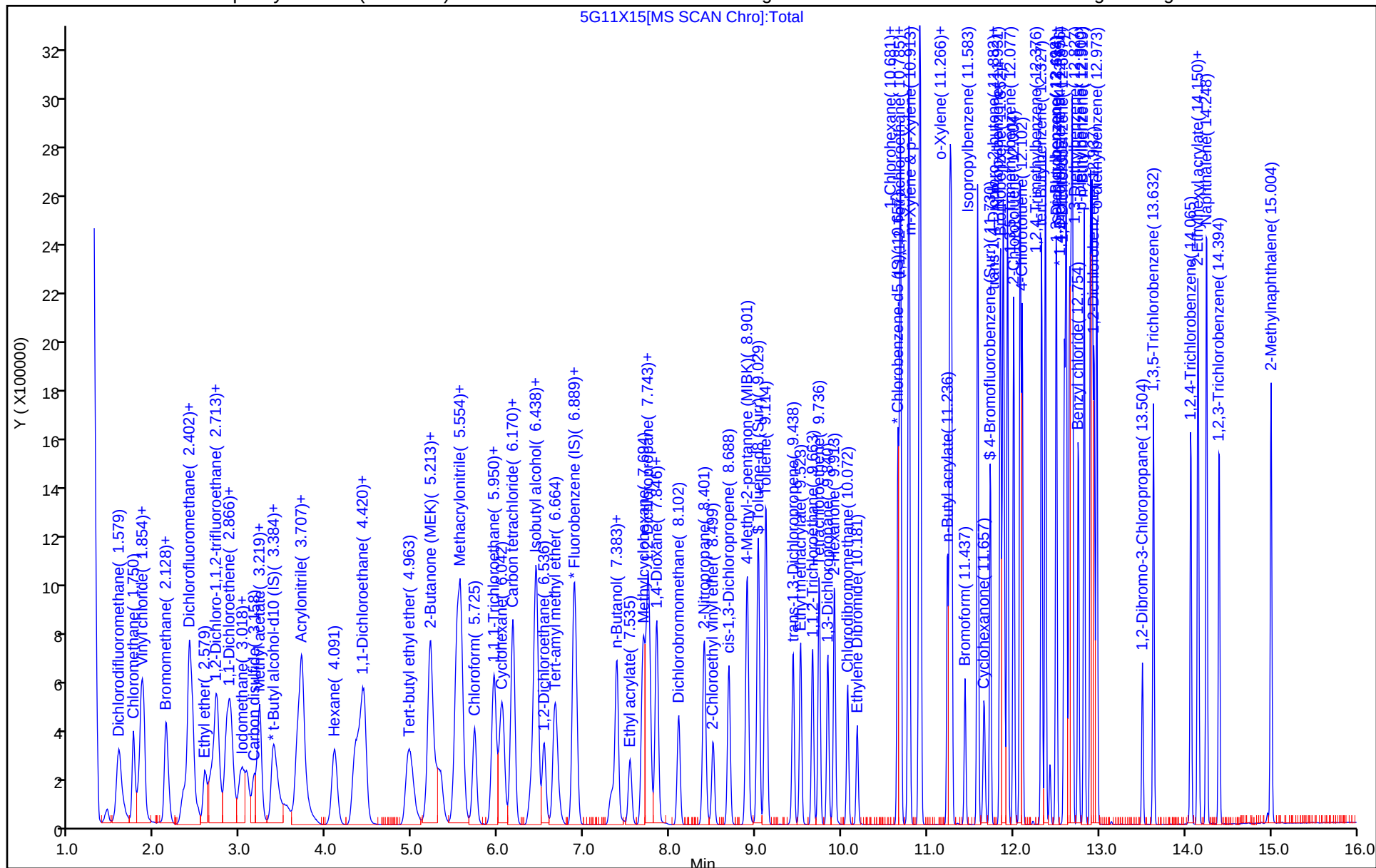
ALS Bottle#: 15

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

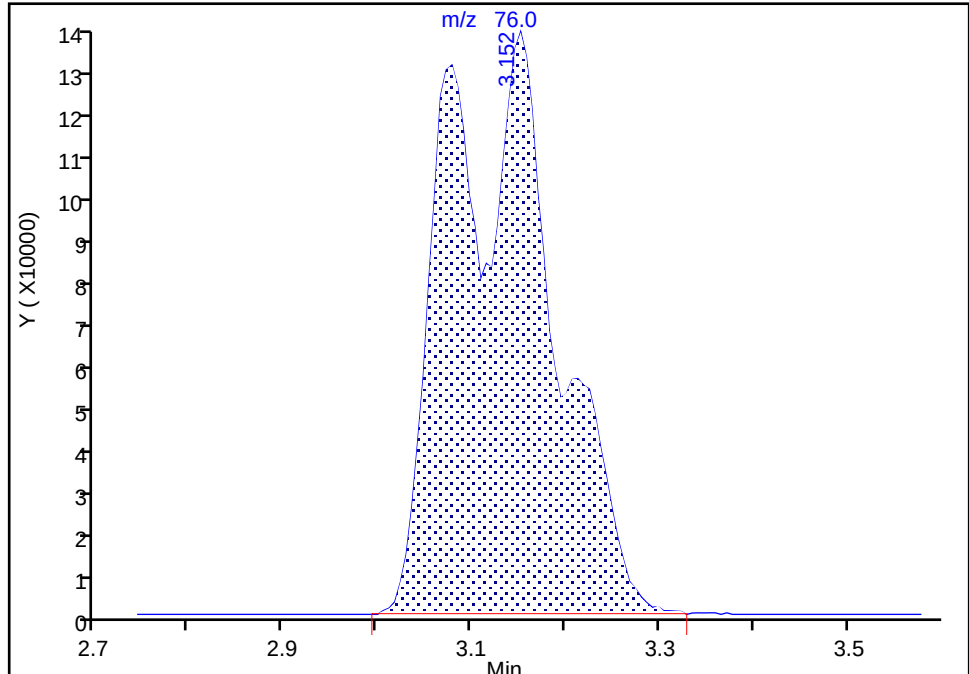
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Injection Date: 11-Aug-2025 20:20:30 Instrument ID: 26285
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

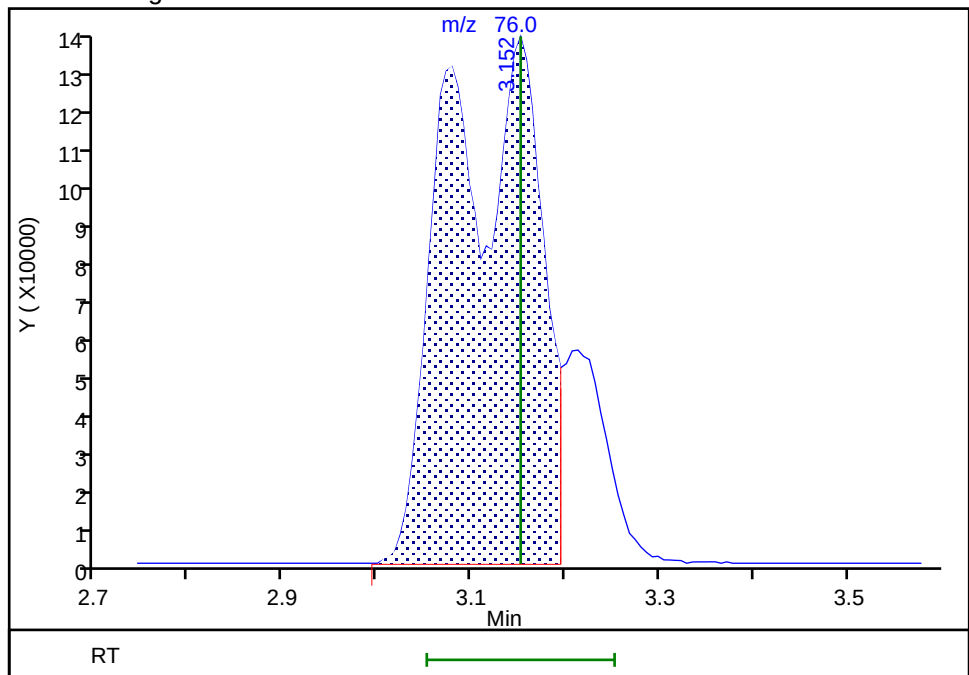
RT: 3.15
Area: 1060681
Amount: 69.271581
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 896874
Amount: 54.084286
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:47:36 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

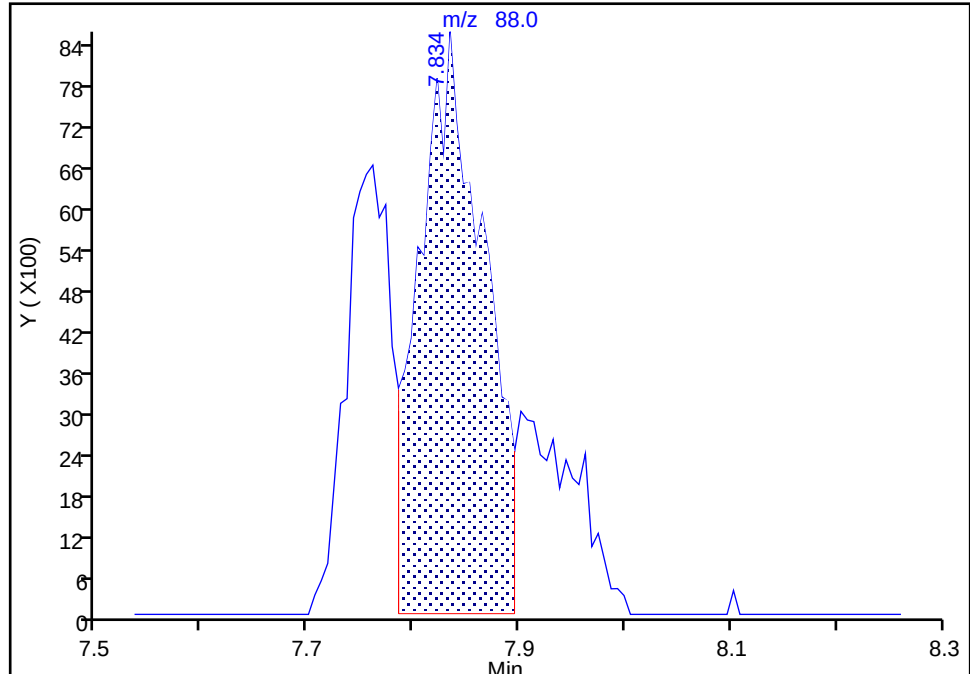
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Injection Date: 11-Aug-2025 20:20:30 Instrument ID: 26285
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

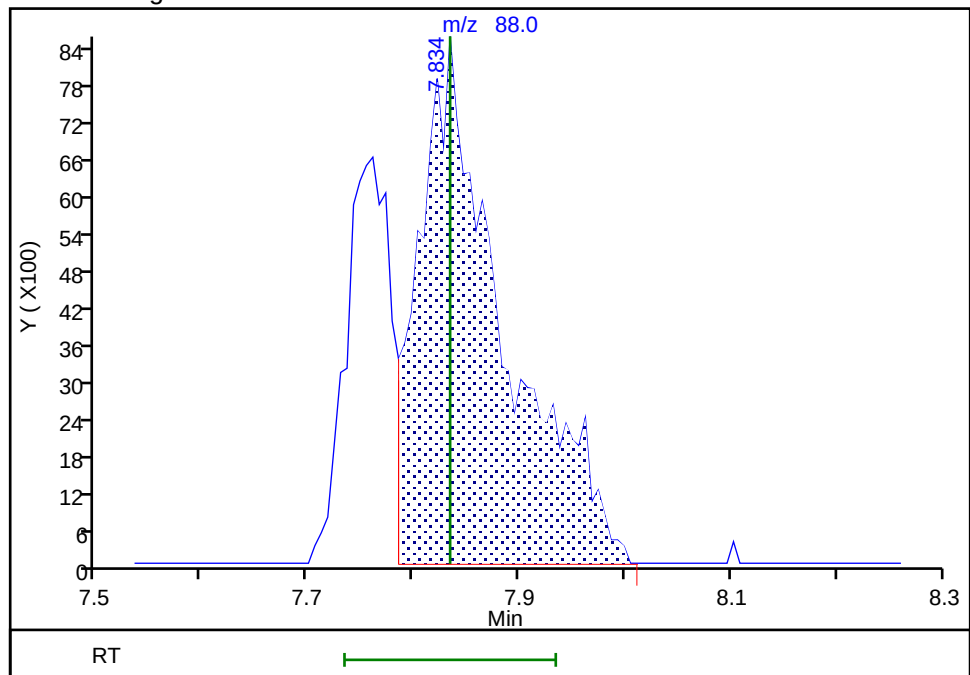
RT: 7.83
Area: 37096
Amount: 522.9671
Amount Units: ug/l

Processing Integration Results



RT: 7.83
Area: 48200
Amount: 569.5206
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:45:49 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X15.D

Injection Date: 11-Aug-2025 20:20:30

Instrument ID: 26285

Lims ID: ICIS v50

Client ID:

Operator ID: knk41612

ALS Bottle#:

15

Worklist Smp#: 16

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: MSVoa_26285a

Limit Group:

MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

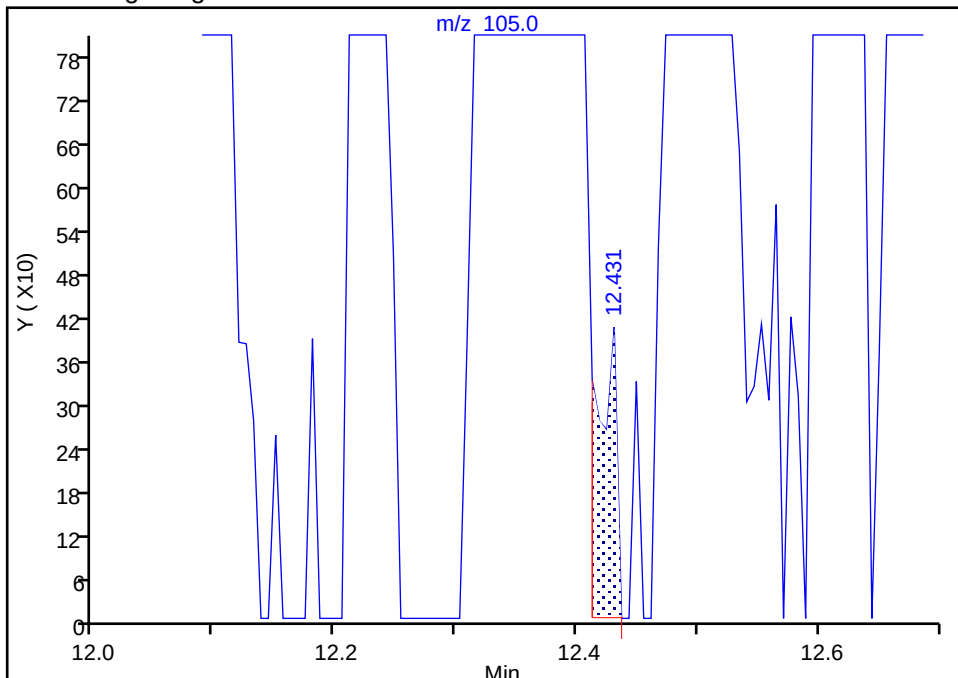
MS Quad

156 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

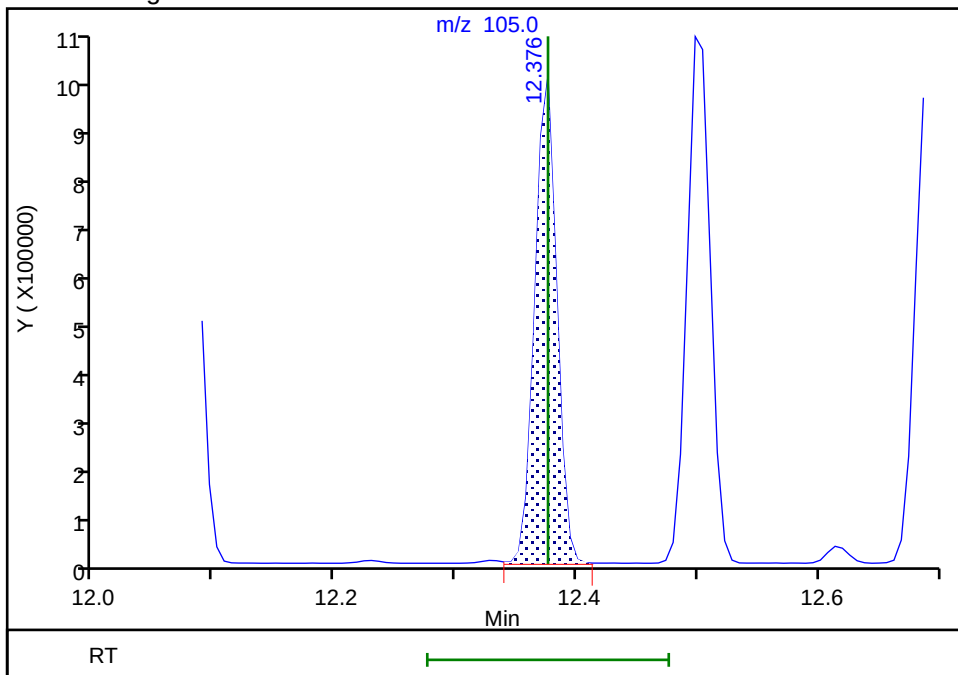
RT: 12.43
Area: 462
Amount: 0.025968
Amount Units: ug/l

Processing Integration Results



RT: 12.38
Area: 1227936
Amount: 57.654226
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:51:32 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 11-Aug-2025 20:40:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-017
 Misc. Info.: IC V100
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:23 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:47:16

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.574	1.579	-0.005	99	1165230	100.0	103.9	
4 Chloromethane	50	1.744	1.750	-0.006	99	1070590	100.0	100.4	
6 Vinyl chloride	62	1.836	1.841	-0.005	98	952422	100.0	101.5	
5 Butadiene	39	1.866	1.866	0.000	97	891374	100.0	97.1	
9 Bromomethane	94	2.122	2.128	-0.006	92	654563	100.0	105.4	
10 Chloroethane	64	2.153	2.152	0.001	98	464050	100.0	102.8	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	97	1450021	100.0	101.7	
12 Pentane	43	2.397	2.402	-0.005	94	808104	100.0	105.4	
13 Trichlorofluoromethane	101	2.433	2.439	-0.006	98	1197296	100.0	102.2	
15 Ethyl ether	59	2.573	2.579	-0.006	94	421885	100.0	104.0	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	92	723352	100.0	102.9	
17 Acrolein	56	2.714	2.725	-0.011	98	1980897	975.9	1069.4	
18 1,1-Dichloroethene	96	2.835	2.835	0.000	98	490321	100.0	105.6	
19 Acetone	58	2.860	2.866	-0.006	98	174728	200.0	208.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.878	2.884	-0.006	92	551808	100.0	103.4	
21 Iodomethane	142	3.012	3.018	-0.006	99	1067162	100.0	104.7	
22 Isopropyl alcohol	45	2.982	3.024	-0.042	96	368286	500.0	497.1	M
23 Carbon disulfide	76	3.146	3.152	-0.006	99	1724671	100.0	104.8	M
25 Methyl acetate	43	3.189	3.201	-0.012	98	651862	100.0	94.5	
26 3-Chloro-1-propene	41	3.213	3.219	-0.006	86	831335	100.0	102.7	
28 Methylene Chloride	84	3.372	3.384	-0.012	94	570141	100.0	102.2	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	90	371043	250.0	250.0	
30 2-Methyl-2-propanol	59	3.518	3.518	0.000	99	746767	500.0	526.5	
31 Acrylonitrile	53	3.652	3.652	0.000	96	836974	250.0	254.7	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	97	525886	100.0	102.5	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	97	1693992	100.0	102.6	
34 Hexane	57	4.085	4.091	-0.006	95	584639	100.0	94.7	
36 1,1-Dichloroethane	63	4.317	4.323	-0.006	96	974566	100.0	103.9	
38 Isopropyl ether	45	4.384	4.390	-0.006	94	1670732	100.0	104.0	
39 2-Chloro-1,3-butadiene	53	4.427	4.439	-0.012	93	852103	100.0	104.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.951	4.963	-0.012	98	1666549	100.0	106.7	
42 2-Butanone (MEK)	43	5.195	5.194	0.001	92	1100010	200.0	216.1	
43 cis-1,2-Dichloroethene	96	5.201	5.207	-0.006	84	593145	100.0	104.0	
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	89	852259	100.0	103.7	
45 Propionitrile	54	5.286	5.298	-0.012	97	780040	500.0	525.6	
46 Methyl acrylate	55	5.323	5.329	-0.006	100	808940	100.0	104.6	
47 Methacrylonitrile	67	5.506	5.511	-0.005	95	850471	250.0	265.6	
48 Chlorobromomethane	128	5.548	5.554	-0.006	96	300040	100.0	103.0	
49 Tetrahydrofuran	71	5.561	5.572	-0.011	92	694844	500.0	520.4	
50 Chloroform	83	5.719	5.725	-0.006	94	998345	100.0	103.2	
52 1,1,1-Trichloroethane	97	5.939	5.944	-0.006	98	908679	100.0	107.9	
\$ 51 Dibromofluoromethane (Surr)	113	5.939	5.950	-0.012	85	284537	50.0	49.9	
53 Cyclohexane	56	6.036	6.042	-0.006	93	885411	100.0	102.7	
S 54 1,2-Dichloroethene, Total	100				0			206.5	
55 Carbon tetrachloride	117	6.164	6.164	0.000	96	799937	100.0	108.3	
56 1,1-Dichloropropene	75	6.164	6.170	-0.006	96	767271	100.0	106.1	
57 Isobutyl alcohol	41	6.390	6.402	-0.012	92	697067	1250.0	1376.9	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.426	6.426	0.000	90	61434	50.0	49.6	
59 Benzene	78	6.438	6.444	-0.006	98	2253881	100.0	104.9	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	812338	100.0	102.6	
62 Tert-amyl methyl ether	73	6.658	6.664	-0.006	98	1646767	100.0	106.4	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	99	1063341	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	94	538327	100.0	91.0	
65 n-Butanol	56	7.316	7.328	-0.012	95	494523	1250.0	1524.5	
66 Trichloroethene	95	7.377	7.377	0.000	98	600712	100.0	108.4	
67 Ethyl acrylate	55	7.530	7.535	-0.005	99	901424	100.0	109.0	
68 Methylcyclohexane	83	7.688	7.688	0.000	91	817900	100.0	92.0	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	572675	100.0	106.4	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	89	780127	100.0	106.4	
72 1,4-Dioxane	88	7.841	7.834	0.007	33	115859	1250.0	1318.3	
73 Dibromomethane	93	7.841	7.840	0.001	95	383817	100.0	104.2	
74 Methyl methacrylate	69	7.847	7.846	0.001	93	505801	100.0	109.3	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	99	788663	100.0	110.6	
77 2-Nitropropane	41	8.395	8.401	-0.006	99	1540019	500.0	574.4	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	441793	100.0	113.1	
79 cis-1,3-Dichloropropene	75	8.682	8.688	-0.006	94	947240	100.0	112.4	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	2317195	200.0	238.2	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	1058632	50.0	49.0	
85 Toluene	92	9.115	9.114	0.001	98	1468688	100.0	105.3	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	96	890550	100.0	108.9	
87 Ethyl methacrylate	69	9.517	9.523	-0.006	90	884278	100.0	108.3	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	537215	100.0	105.8	
89 Tetrachloroethene	166	9.737	9.736	0.001	98	651669	100.0	106.1	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	94	841462	100.0	106.6	
92 2-Hexanone	43	9.913	9.913	0.000	98	1681415	200.0	231.3	
S 98 1,3-Dichloropropene, Total	100				0			221.3	
100 Chlorodibromomethane	129	10.072	10.072	0.000	89	680887	100.0	112.8	
101 Ethylene Dibromide	107	10.182	10.181	0.001	98	575772	100.0	106.2	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	86	816886	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	93	1646561	100.0	107.2	
129 1-Chlorohexane	91	10.681	10.687	-0.006	62	665111	100.0	102.4	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	658084	100.0	110.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	99	2874664	100.0	106.4	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	2239983	200.0	216.9	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	1236557	100.0	101.5	
S 135 Xylenes, Total	106				0			324.9	
136 o-Xylene	106	11.261	11.260	0.001	97	1141573	100.0	108.0	
137 Styrene	104	11.279	11.279	0.000	95	1873052	100.0	109.3	
138 Bromoform	173	11.437	11.437	0.000	98	547681	100.0	114.8	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	2919283	100.0	104.0	
141 Cyclohexanone	55	11.657	11.657	0.000	94	433619	1250.0	1019.3	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	96	385661	50.0	48.7	
144 Bromobenzene	156	11.846	11.846	0.000	91	747268	100.0	110.7	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	1005509	100.0	110.8	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	91	744966	250.0	278.9	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	86	280545	100.0	107.9	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	3233515	100.0	105.6	
150 2-Chlorotoluene	126	12.004	12.004	0.000	96	684801	100.0	110.8	
152 1,3,5-Trimethylbenzene	105	12.078	12.077	0.001	94	2348495	100.0	107.8	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	665665	100.0	111.1	
154 tert-Butylbenzene	134	12.328	12.327	0.001	93	406189	100.0	107.6	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	2432083	100.0	113.0	a
158 sec-Butylbenzene	105	12.504	12.498	0.006	94	2685694	100.0	106.6	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	1301192	100.0	111.6	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	2382863	100.0	106.5	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.656	0.001	93	449628	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	96	1309358	100.0	109.6	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	2449068	100.0	108.1	
166 Benzyl chloride	91	12.754	12.754	0.000	99	1973010	100.0	116.7	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	95	1282730	100.0	106.5	
168 p-Diethylbenzene	119	12.901	12.900	0.001	94	1362612	100.0	105.3	
169 n-Butylbenzene	92	12.919	12.919	0.000	97	1059813	100.0	103.7	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	1336500	100.0	111.6	
172 o-diethylbenzene	119	12.974	12.973	0.001	96	1119527	100.0	107.7	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	86	277681	100.0	110.9	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	854178	100.0	109.3	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	94	837552	100.0	108.0	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	771431	100.0	110.3	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	92	332665	100.0	96.2	
179 Naphthalene	128	14.254	14.254	0.000	97	3337135	100.0	111.5	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	96	827839	100.0	110.0	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	1497524	100.0	114.5	
S 213 Total Diethylbenzene	1				0			319.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 5.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 5.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:07:26

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D

Injection Date: 11-Aug-2025 20:40:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

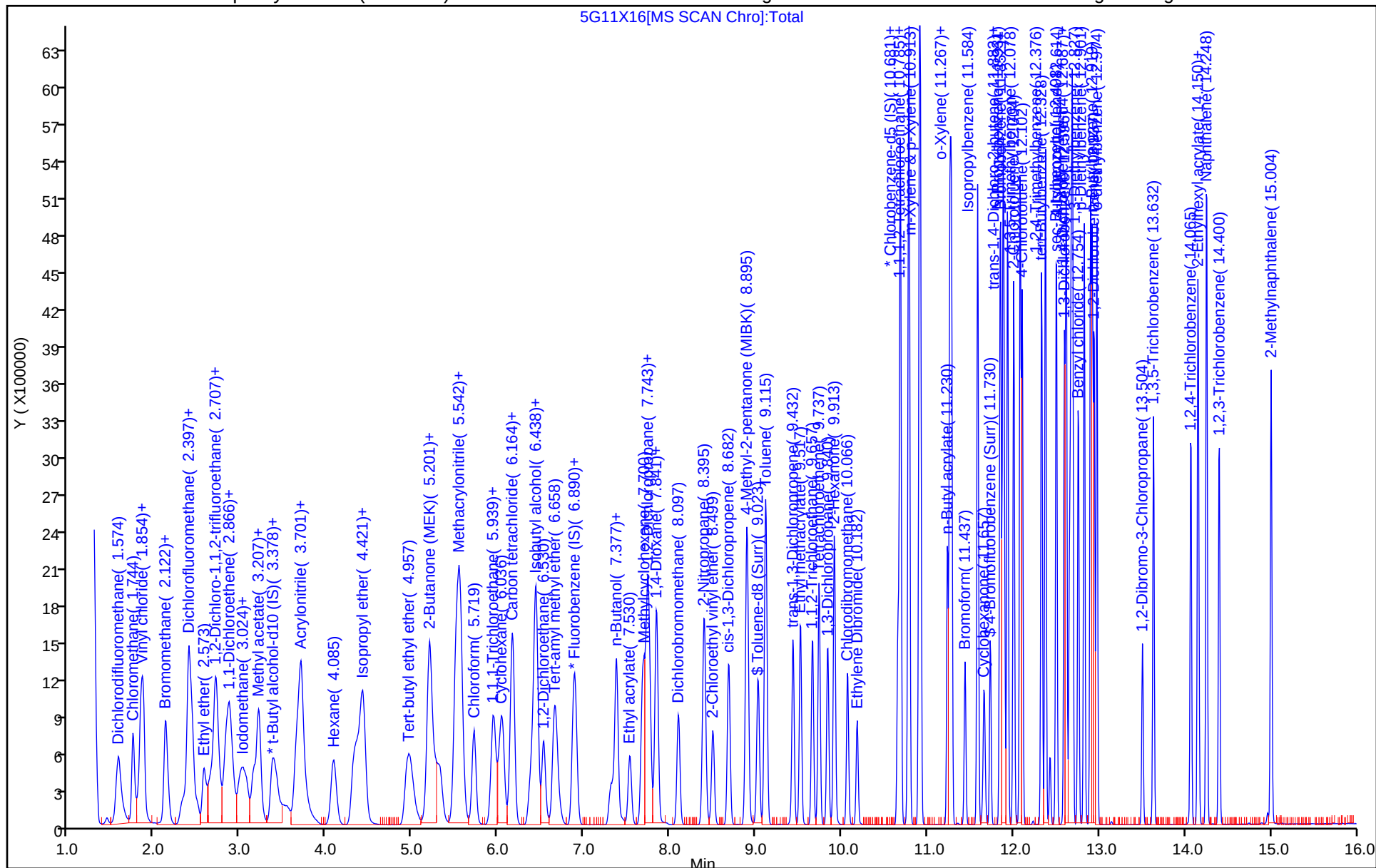
ALS Bottle#: 16

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

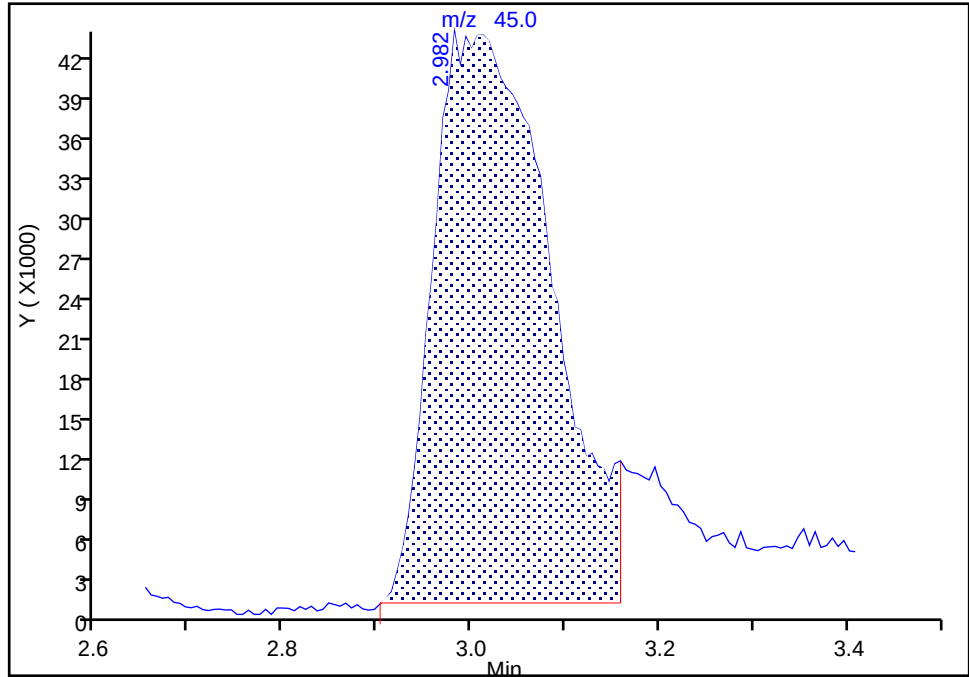
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Injection Date: 11-Aug-2025 20:40:30 Instrument ID: 26285
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

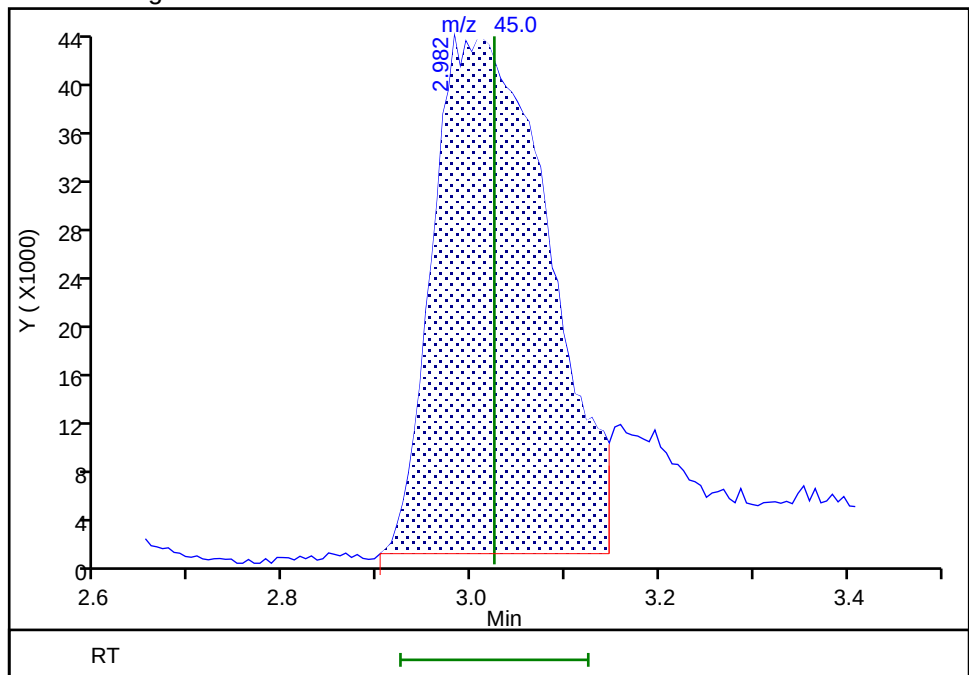
RT: 2.98
Area: 376077
Amount: 494.7109
Amount Units: ug/l

Processing Integration Results



RT: 2.98
Area: 368286
Amount: 497.0720
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:49:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

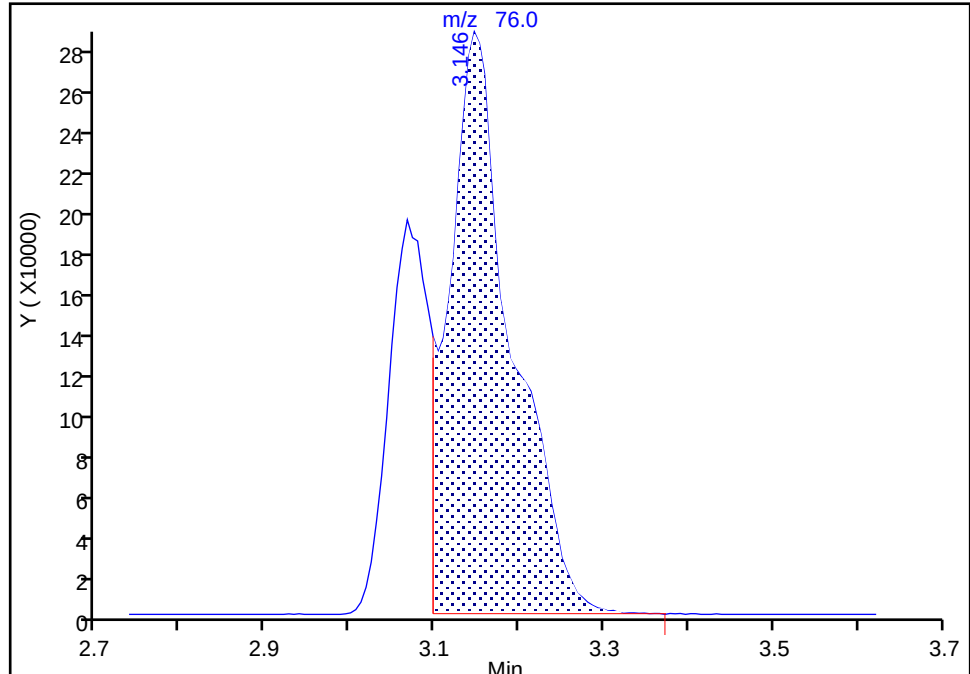
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D
Injection Date: 11-Aug-2025 20:40:30 Instrument ID: 26285
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

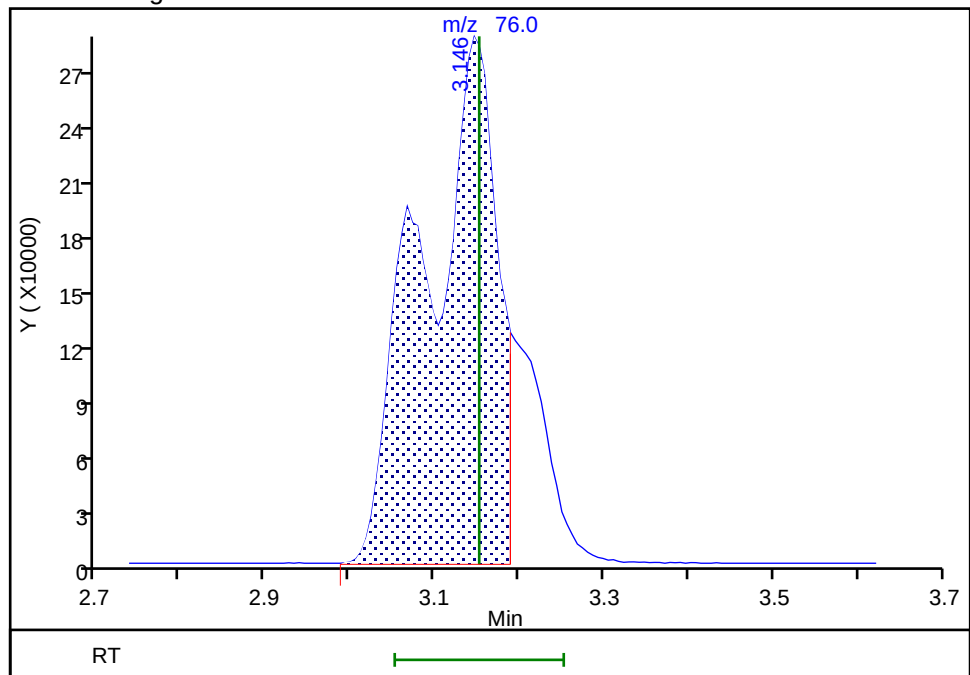
RT: 3.15
Area: 1476775
Amount: 100.2770
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 1724671
Amount: 104.8289
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:46:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X16.D

Injection Date: 11-Aug-2025 20:40:30

Instrument ID: 26285

Lims ID: IC v100

Client ID:

Operator ID: knk41612

ALS Bottle#:

16

Worklist Smp#: 17

Purge Vol: 5.000 mL

Dil. Factor:

1.0000

Method: MSVoa_26285a

Limit Group:

MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm ID)

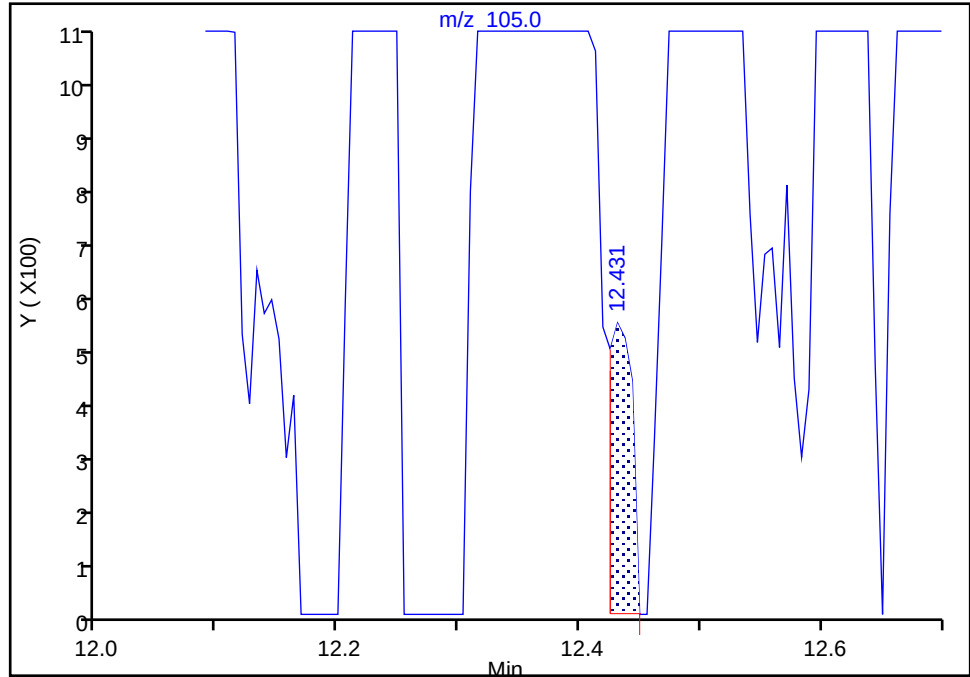
MS Quad

156 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

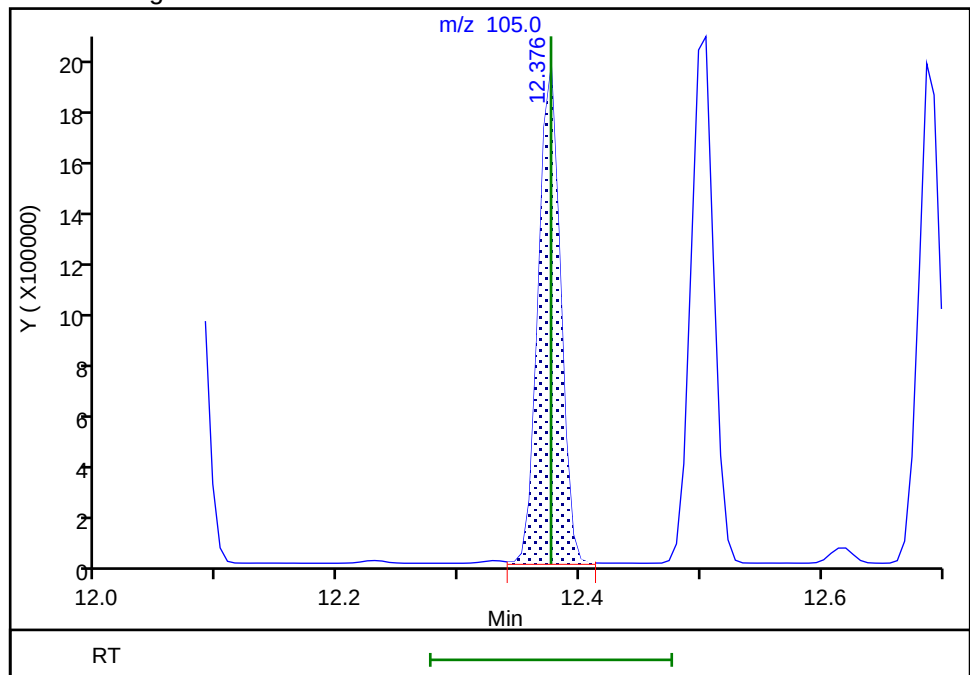
RT: 12.43
Area: 687
Amount: 0.047369
Amount Units: ug/l

Processing Integration Results



RT: 12.38
Area: 2432083
Amount: 113.0139
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:50:31 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 11-Aug-2025 21:01:30 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-018
 Misc. Info.: IC V300
 Operator ID: knk41612 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub89
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:35 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 22:52:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	99	3454862	300.0	293.0	
4 Chloromethane	50	1.744	1.750	-0.006	99	3191680	300.0	284.8	
6 Vinyl chloride	62	1.835	1.841	-0.006	98	2877322	300.0	291.7	
5 Butadiene	39	1.860	1.866	-0.006	95	2661219	300.0	275.9	
9 Bromomethane	94	2.122	2.128	-0.006	91	1989141	300.0	304.8	
10 Chloroethane	64	2.146	2.152	-0.006	99	1407374	300.0	296.7	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	98	4309531	300.0	287.7	
12 Pentane	43	2.390	2.402	-0.012	96	2707402	300.0	335.9	M
13 Trichlorofluoromethane	101	2.427	2.439	-0.012	98	3596484	300.0	292.2	
15 Ethyl ether	59	2.567	2.579	-0.012	95	1201833	300.1	281.9	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.677	2.683	-0.006	93	2127356	300.0	287.9	
17 Acrolein	56	2.713	2.725	-0.012	98	5480956	2927.6	2982.6	
18 1,1-Dichloroethene	96	2.860	2.835	0.025	97	1547832	300.0	317.2	
19 Acetone	58	2.847	2.866	-0.019	98	505724	600.0	607.3	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.878	2.884	-0.006	91	1790583	300.0	319.3	
21 Iodomethane	142	3.018	3.018	0.000	98	3309458	300.0	308.9	
22 Isopropyl alcohol	45	3.000	3.024	-0.024	96	943432	1500.0	1283.5	M
23 Carbon disulfide	76	3.146	3.152	-0.006	100	5470718	300.0	316.4	M
25 Methyl acetate	43	3.189	3.201	-0.012	98	1905117	300.0	262.7	
26 3-Chloro-1-propene	41	3.207	3.219	-0.012	84	2577488	300.0	302.9	
28 Methylene Chloride	84	3.390	3.384	0.006	94	1770244	300.0	302.0	
* 29 t-Butyl alcohol-d10 (IS)	65	3.439	3.439	0.000	91	368101	250.0	250.0	
30 2-Methyl-2-propanol	59	3.512	3.518	-0.006	99	1854516	1500.0	1318.0	
31 Acrylonitrile	53	3.646	3.652	-0.006	96	2440053	750.0	706.5	
32 trans-1,2-Dichloroethene	96	3.701	3.713	-0.012	97	1601076	300.0	297.0	
33 Methyl tert-butyl ether	73	3.701	3.713	-0.012	97	4999823	300.0	288.2	
34 Hexane	57	4.073	4.091	-0.018	95	1941821	300.0	297.2	
36 1,1-Dichloroethane	63	4.311	4.323	-0.012	96	2918906	300.0	296.0	
38 Isopropyl ether	45	4.378	4.390	-0.012	94	5071805	300.0	300.5	
39 2-Chloro-1,3-butadiene	53	4.420	4.439	-0.019	93	2601963	300.0	304.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.951	4.963	-0.012	99	4970990	300.0	302.8	
42 2-Butanone (MEK)	43	5.182	5.194	-0.012	99	3053698	600.0	570.8	
43 cis-1,2-Dichloroethene	96	5.195	5.207	-0.012	83	1786609	300.0	298.1	
44 2,2-Dichloropropane	77	5.225	5.231	-0.006	88	2675675	300.0	309.8	
45 Propionitrile	54	5.292	5.298	-0.006	95	2223917	1500.0	1510.5	
46 Methyl acrylate	55	5.323	5.329	-0.006	100	2421690	300.1	297.9	
47 Methacrylonitrile	67	5.506	5.511	-0.005	96	2472616	750.0	734.7	
48 Chlorobromomethane	128	5.548	5.554	-0.006	94	910361	300.0	297.4	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	90	2007017	1500.0	1515.2	
50 Chloroform	83	5.713	5.725	-0.012	94	3017962	300.0	296.9	
52 1,1,1-Trichloroethane	97	5.951	5.944	0.007	98	2840639	300.0	320.9	
\$ 51 Dibromofluoromethane (Surr)	113	5.944	5.950	-0.006	94	289624	50.0	48.3	
53 Cyclohexane	56	6.036	6.042	-0.006	93	2975241	300.0	328.5	
S 54 1,2-Dichloroethene, Total	100				0			595.1	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	96	2506879	300.0	322.9	
56 1,1-Dichloropropene	75	6.164	6.170	-0.006	95	2395027	300.0	315.2	
57 Isobutyl alcohol	41	6.389	6.402	-0.013	93	1774174	3750.0	3532.6	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.414	6.426	-0.012	84	63651	50.0	48.8	
59 Benzene	78	6.438	6.444	-0.006	98	7017063	300.0	310.9	
60 1,2-Dichloroethane	62	6.530	6.536	-0.006	98	2443219	300.0	293.5	
62 Tert-amyl methyl ether	73	6.664	6.664	0.000	97	4940527	300.0	303.7	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	99	1117567	50.0	50.0	
64 n-Heptane	43	6.902	6.908	-0.006	94	1908887	300.0	303.5	
65 n-Butanol	56	7.322	7.328	-0.006	92	1301504	3750.0	4044.4	
66 Trichloroethene	95	7.377	7.377	0.000	98	1870449	300.0	321.1	
67 Ethyl acrylate	55	7.530	7.535	-0.005	99	2798978	300.1	322.0	
68 Methylcyclohexane	83	7.688	7.688	0.000	92	2862160	300.0	304.2	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	1784721	300.0	315.4	
70 2-ethoxy-2-methyl butane	87	7.761	7.755	0.006	90	2387283	300.0	309.7	
72 1,4-Dioxane	88	7.834	7.834	0.000	33	341714	3750.0	3919.3	
73 Dibromomethane	93	7.840	7.840	0.000	96	1165049	300.0	300.9	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	1507339	300.0	309.9	
76 Dichlorobromomethane	83	8.096	8.102	-0.006	99	2417859	300.0	322.6	
77 2-Nitropropane	41	8.401	8.401	0.000	99	4380817	1500.0	1647.0	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	93	1373373	300.0	334.5	
79 cis-1,3-Dichloropropene	75	8.688	8.688	0.000	94	2954205	300.0	333.5	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	6272206	600.0	613.4	
\$ 84 Toluene-d8 (Surr)	98	9.029	9.029	0.000	94	1131641	50.0	48.9	
85 Toluene	92	9.115	9.114	0.001	98	4643368	300.0	310.5	
86 trans-1,3-Dichloropropene	75	9.438	9.438	0.000	95	2758112	300.0	314.7	
87 Ethyl methacrylate	69	9.523	9.523	0.000	90	2509850	300.0	286.7	
88 1,1,2-Trichloroethane	97	9.663	9.663	0.000	92	1582419	300.0	290.6	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	2112393	300.0	320.7	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	94	2558941	300.0	302.5	
92 2-Hexanone	43	9.919	9.913	0.006	98	4548216	600.0	583.6	
S 98 1,3-Dichloropropene, Total	100				0			648.2	
100 Chlorodibromomethane	129	10.072	10.072	0.000	90	2039020	300.0	315.2	
101 Ethylene Dibromide	107	10.181	10.181	0.000	98	1727577	300.0	297.1	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	875777	50.0	50.0	
130 Chlorobenzene	112	10.687	10.687	0.000	93	5195866	300.0	315.6	
129 1-Chlorohexane	91	10.687	10.687	0.000	64	2266056	300.0	325.6	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	96	1969312	300.0	307.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
132 Ethylbenzene	91	10.785	10.785	0.000	98	9192268	300.0	317.2	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	7149793	600.0	645.8	
134 n-Butyl acrylate	55	11.230	11.230	0.000	95	3787918	300.0	290.1	
S 135 Xylenes, Total	106				0			962.1	
136 o-Xylene	106	11.260	11.260	0.000	97	3583772	300.0	316.3	
137 Styrene	104	11.279	11.279	0.000	95	5889896	300.0	320.6	
138 Bromoform	173	11.437	11.437	0.000	97	1626156	300.0	318.1	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	9396465	300.0	312.2	
141 Cyclohexanone	55	11.663	11.657	0.006	94	1337515	3750.1	3169.1	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	418150	50.0	49.2	
144 Bromobenzene	156	11.846	11.846	0.000	92	2298081	300.0	319.9	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	95	2834827	300.0	293.5	
146 trans-1,4-Dichloro-2-butene	53	11.882	11.882	0.000	92	2141106	750.0	753.2	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.000	87	794505	300.0	287.0	
148 N-Propylbenzene	91	11.937	11.931	0.006	99	10404262	300.0	319.2	
150 2-Chlorotoluene	126	12.010	12.004	0.006	97	2125855	300.0	323.3	
152 1,3,5-Trimethylbenzene	105	12.083	12.077	0.006	93	7660091	300.0	330.4	
153 4-Chlorotoluene	126	12.108	12.102	0.006	97	2112640	300.0	331.2	
154 tert-Butylbenzene	134	12.333	12.327	0.006	93	1363003	300.0	339.3	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	98	7754806	300.0	338.6	
158 sec-Butylbenzene	105	12.504	12.498	0.006	95	9055074	300.0	337.6	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	4001556	300.0	322.4	
160 4-Isopropyltoluene	119	12.620	12.614	0.006	97	7956525	300.0	334.2	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.656	0.001	95	478517	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	4038158	300.0	317.5	
165 1,2,3-Trimethylbenzene	105	12.693	12.687	0.006	98	7811010	300.0	324.1	
166 Benzyl chloride	91	12.760	12.754	0.006	99	5654923	300.0	314.4	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	95	4217135	300.0	328.9	
168 p-Diethylbenzene	119	12.900	12.900	0.000	93	4474067	300.0	324.7	
169 n-Butylbenzene	92	12.919	12.919	0.000	98	3563504	300.0	327.8	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	99	4039103	300.0	317.0	
172 o-diethylbenzene	119	12.974	12.973	0.001	96	3682743	300.0	332.8	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	87	776704	300.0	291.4	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	98	2702766	300.0	325.0	
176 1,2,4-Trichlorobenzene	180	14.071	14.071	0.000	94	2593360	300.0	314.3	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	82	2338715	300.1	314.3	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	92	1107600	300.0	299.7	
179 Naphthalene	128	14.254	14.254	0.000	97	9736936	300.0	305.6	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	2502762	300.0	312.4	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	4485157	300.0	322.3	
S 213 Total Diethylbenzene	1				0			986.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_CYC_00012	Amount Added: 30.00	Units: uL	
MSV_CCV_GASES_01127	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00250	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00240	Amount Added: 15.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 15.00	Units: uL	
MSV_CCV_VOC#1_00248	Amount Added: 15.00	Units: uL	
MSV_CCV_OH_Sp_00023	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 12-Aug-2025 14:07:37

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D

Injection Date: 11-Aug-2025 21:01:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

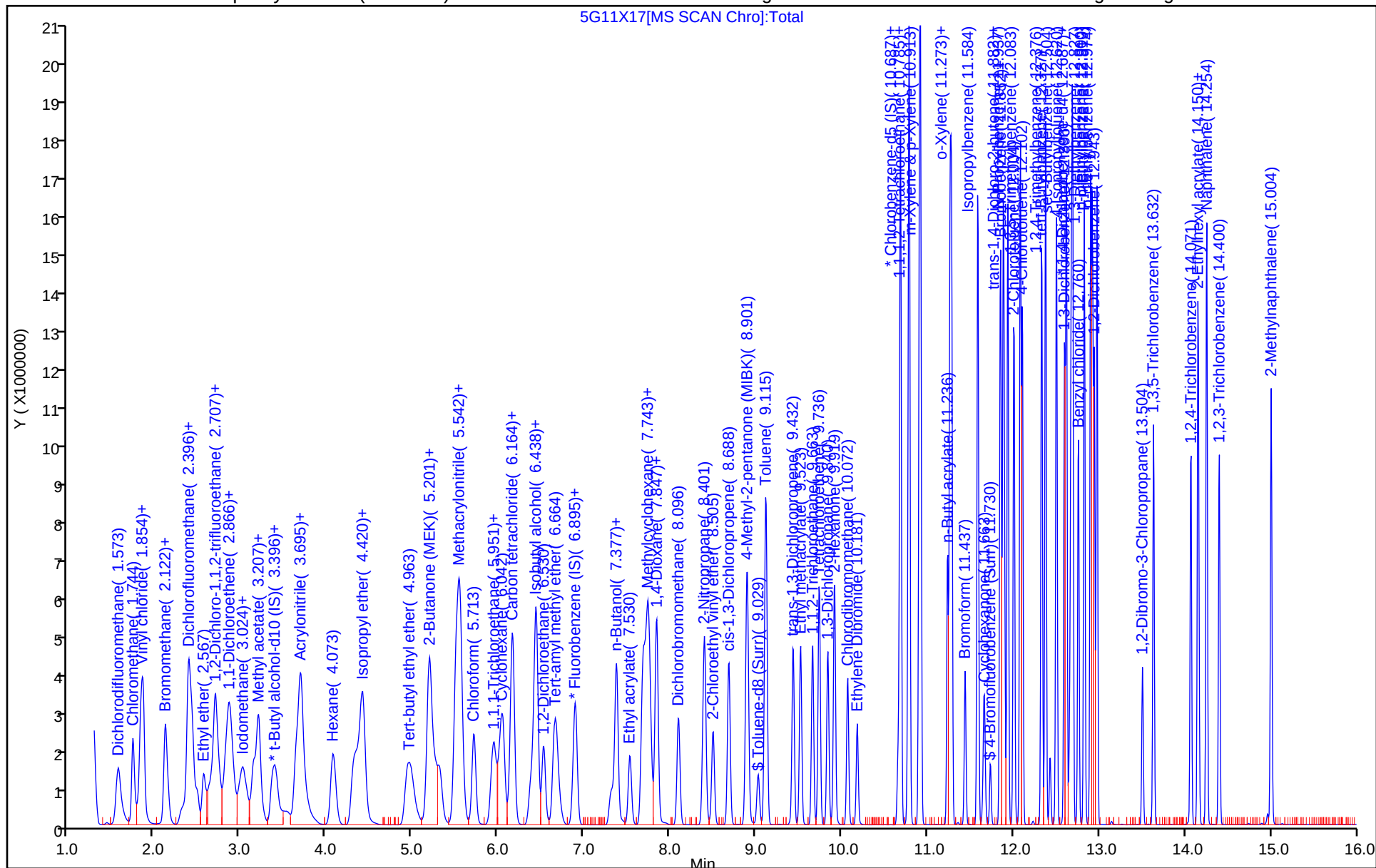
ALS Bottle#: 17

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

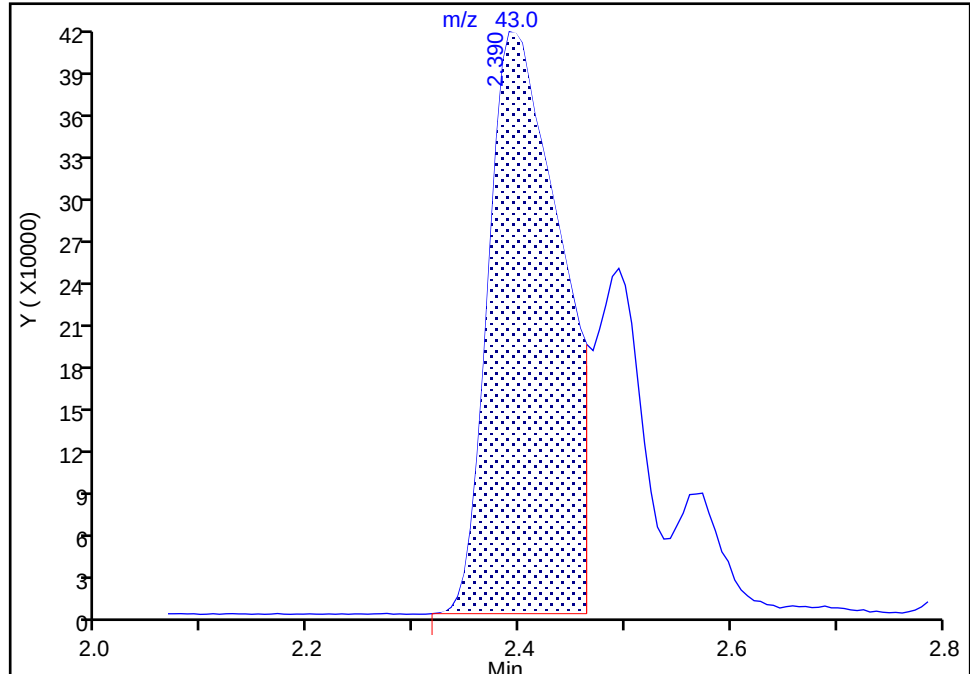
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Injection Date: 11-Aug-2025 21:01:30 Instrument ID: 26285
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

12 Pentane, CAS: 109-66-0

Signal: 1

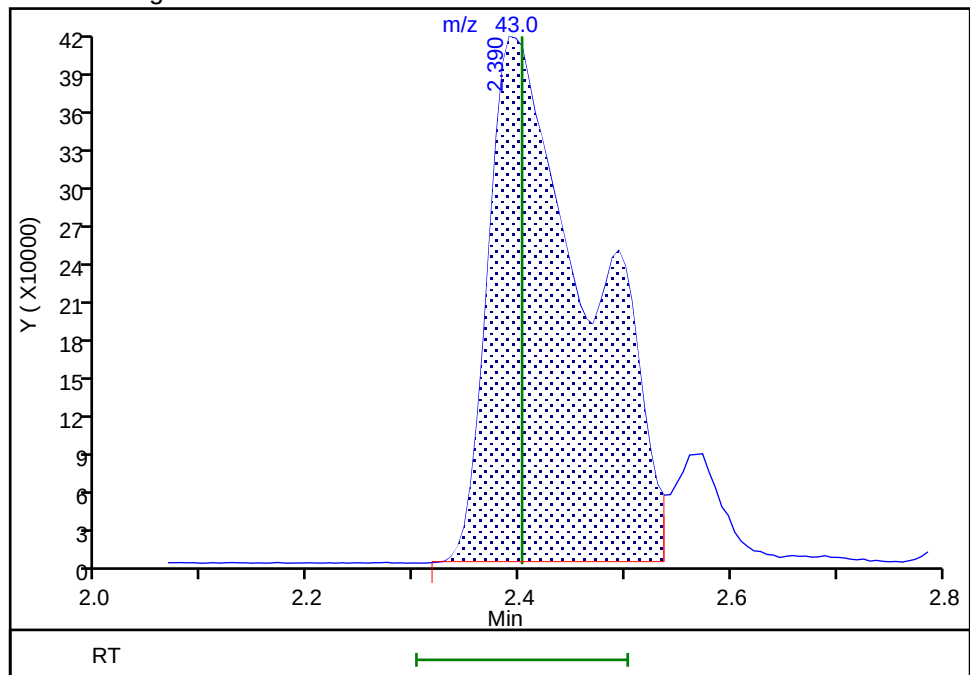
RT: 2.39
Area: 1973058
Amount: 289.4983
Amount Units: ug/l

Processing Integration Results



RT: 2.39
Area: 2707402
Amount: 335.8559
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:55:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

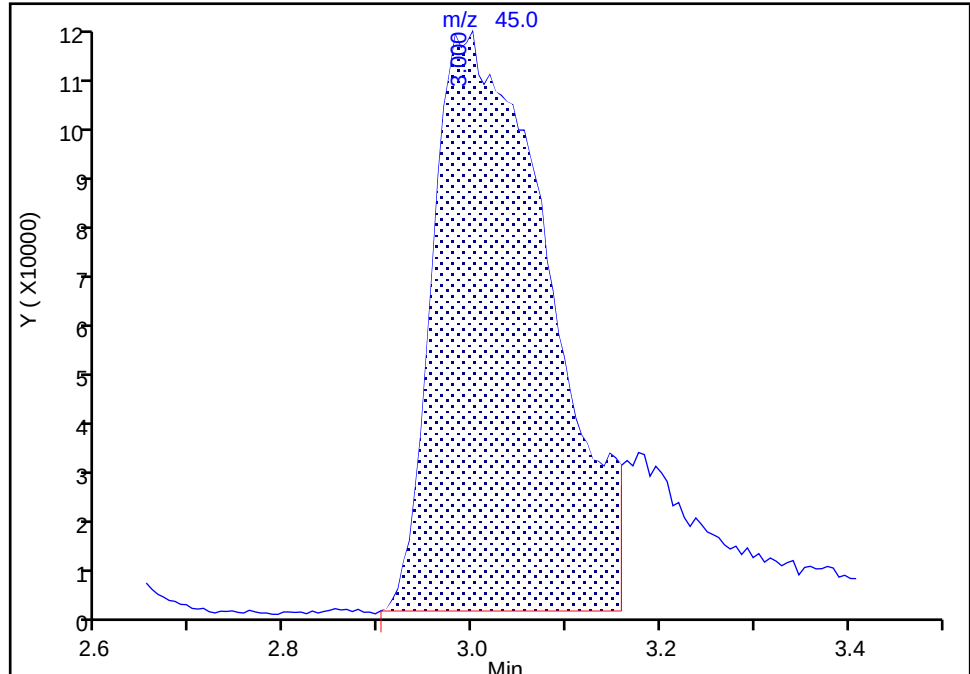
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Injection Date: 11-Aug-2025 21:01:30 Instrument ID: 26285
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

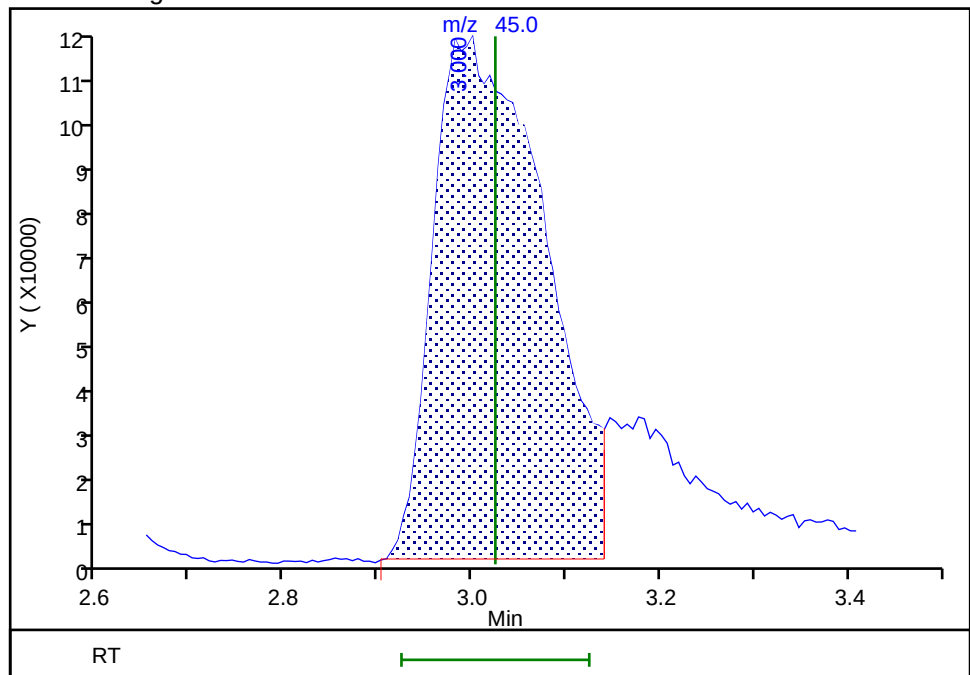
RT: 3.00
Area: 976156
Amount: 1298.1497
Amount Units: ug/l

Processing Integration Results



RT: 3.00
Area: 943432
Amount: 1283.5179
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:55:20 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

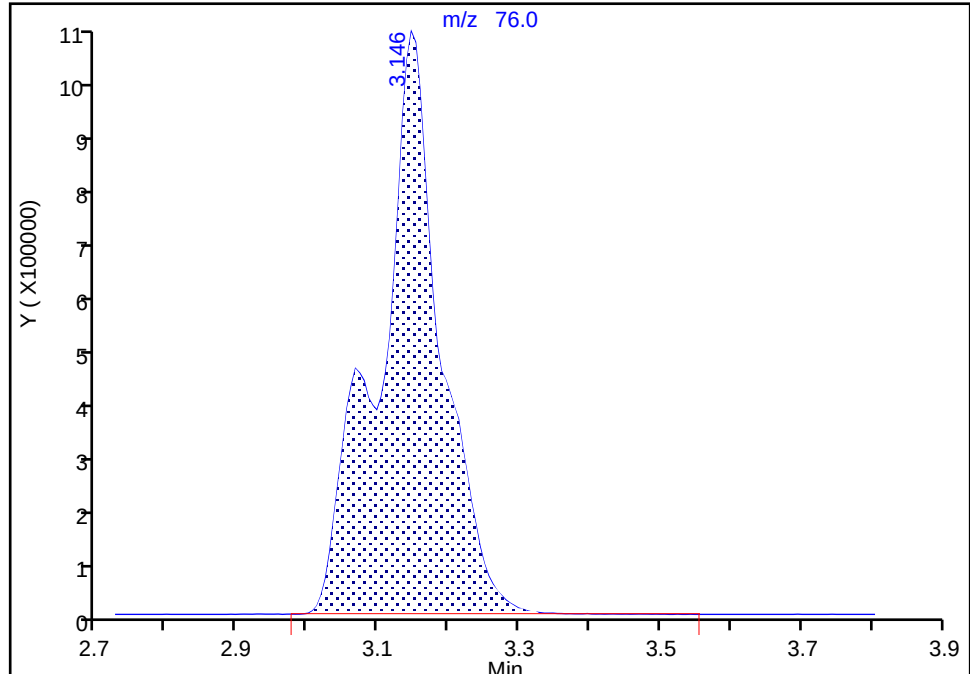
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Injection Date: 11-Aug-2025 21:01:30 Instrument ID: 26285
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

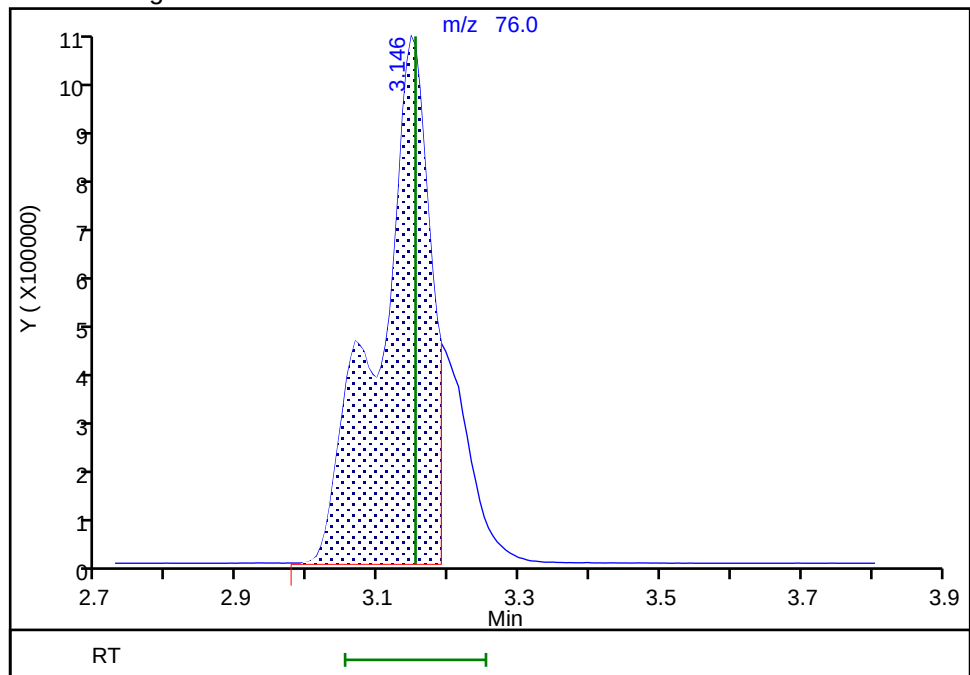
RT: 3.15
Area: 6582526
Amount: 415.2970
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 5470718
Amount: 316.3866
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 22:55:32 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Calibration

/ Dichlorodifluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

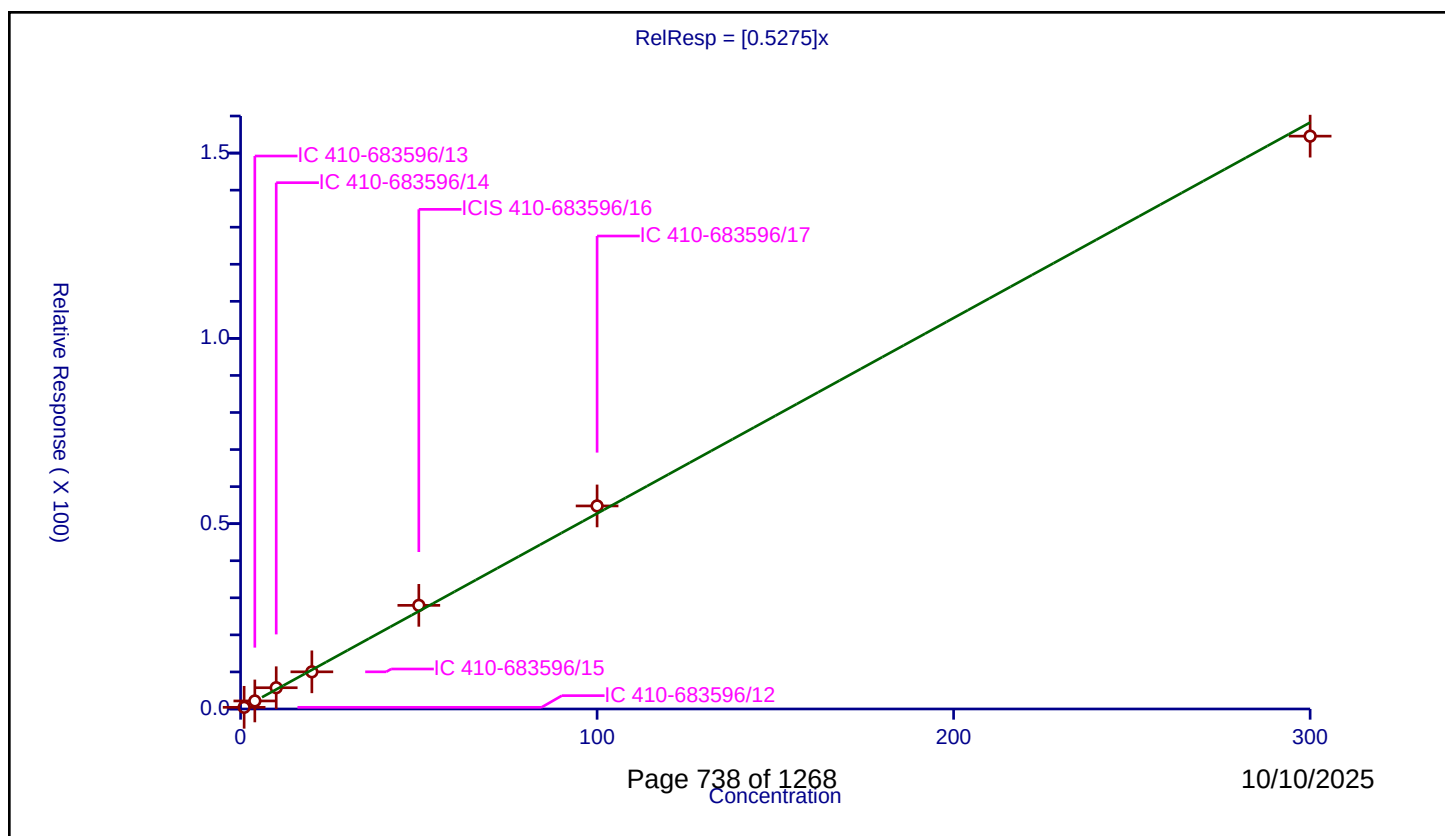
Curve Coefficients

Intercept: 0
Slope: 0.5275

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.451816	50.0	1034825.0	0.451816	Y
2	IC 410-683596/13	4.0	2.171514	50.0	1060182.0	0.542878	Y
3	IC 410-683596/14	10.0	5.739075	50.0	1029260.0	0.573907	Y
4	IC 410-683596/15	20.0	10.028591	50.0	1058718.0	0.50143	Y
5	ICIS 410-683596/16	50.0	27.966756	50.0	1071785.0	0.559335	Y
6	IC 410-683596/17	100.0	54.790984	50.0	1063341.0	0.54791	Y
7	IC 410-683596/18	300.0	154.570688	50.0	1117567.0	0.515236	Y



Calibration

/ Chloromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

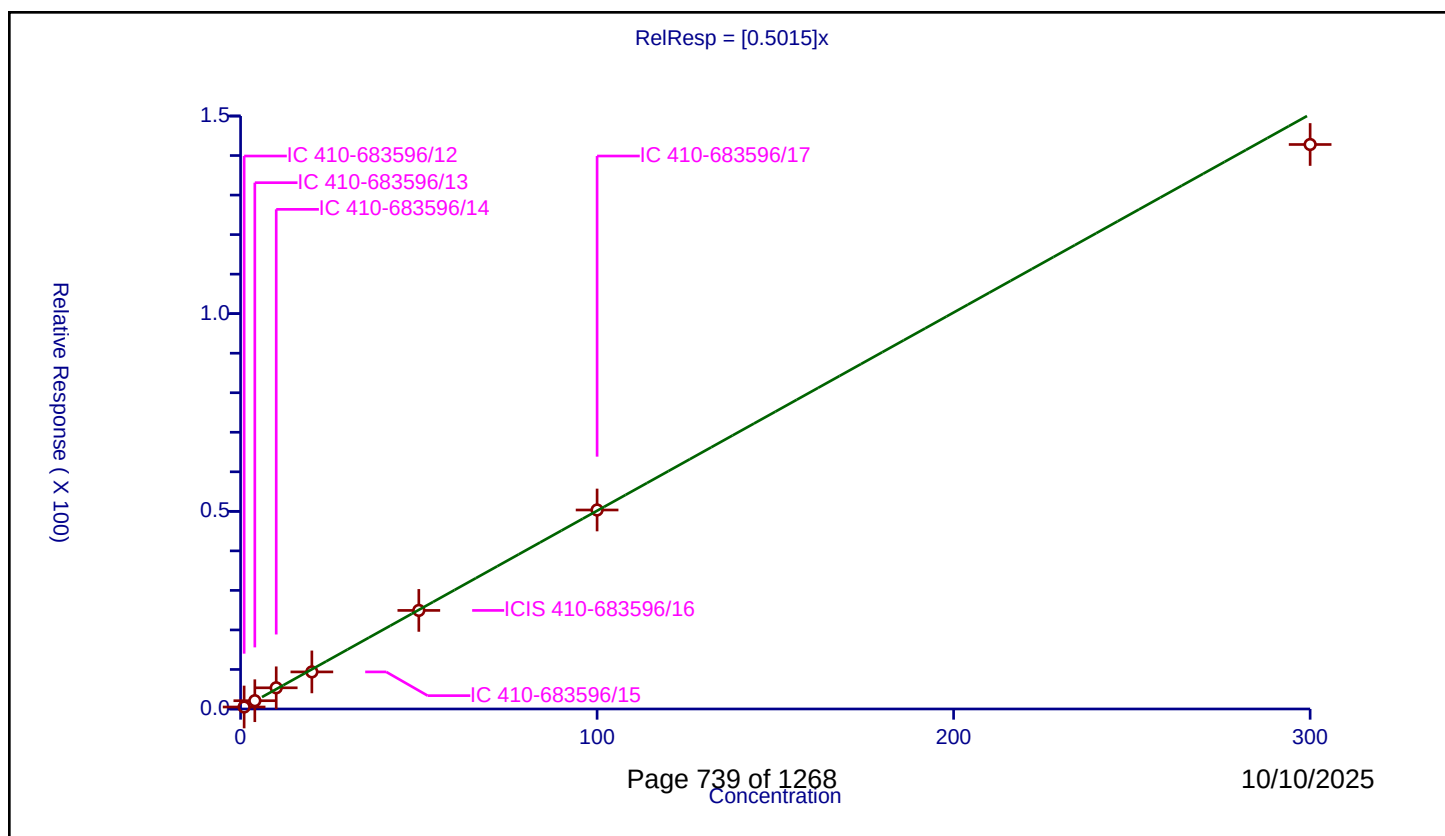
Curve Coefficients

Intercept: 0
Slope: 0.5015

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.503418	50.0	1034825.0	0.503418	Y
2	IC 410-683596/13	4.0	2.093933	50.0	1060182.0	0.523483	Y
3	IC 410-683596/14	10.0	5.362056	50.0	1029260.0	0.536206	Y
4	IC 410-683596/15	20.0	9.380827	50.0	1058718.0	0.469041	Y
5	ICIS 410-683596/16	50.0	24.932892	50.0	1071785.0	0.498658	Y
6	IC 410-683596/17	100.0	50.34086	50.0	1063341.0	0.503409	Y
7	IC 410-683596/18	300.0	142.795913	50.0	1117567.0	0.475986	Y



Calibration

/ Vinyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

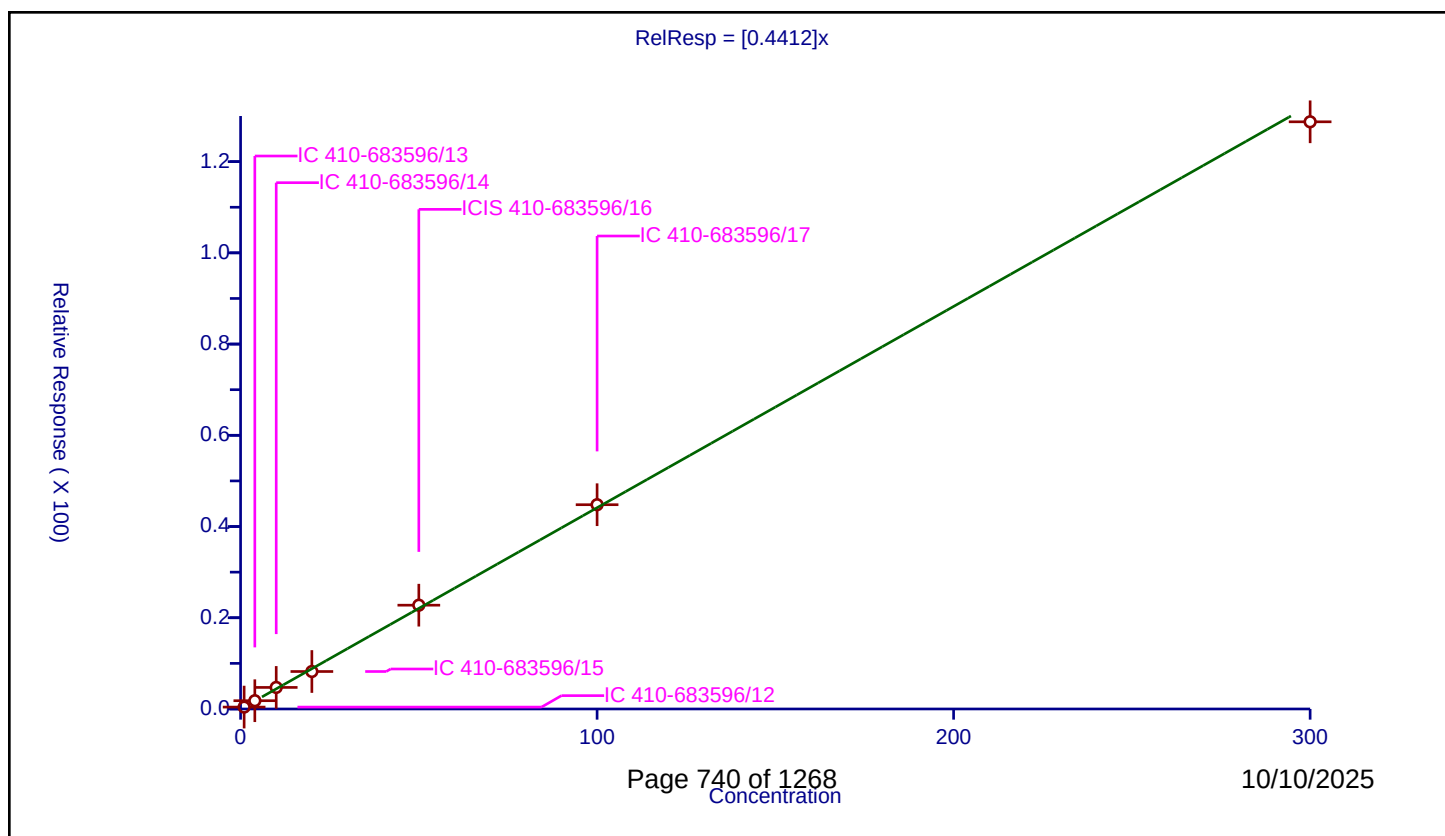
Curve Coefficients

Intercept: 0
Slope: 0.4412

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.419443	50.0	1034825.0	0.419443	Y
2	IC 410-683596/13	4.0	1.813698	50.0	1060182.0	0.453425	Y
3	IC 410-683596/14	10.0	4.728689	50.0	1029260.0	0.472869	Y
4	IC 410-683596/15	20.0	8.218525	50.0	1058718.0	0.410926	Y
5	ICIS 410-683596/16	50.0	22.75671	50.0	1071785.0	0.455134	Y
6	IC 410-683596/17	100.0	44.784411	50.0	1063341.0	0.447844	Y
7	IC 410-683596/18	300.0	128.731521	50.0	1117567.0	0.429105	Y



Calibration

/ Butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

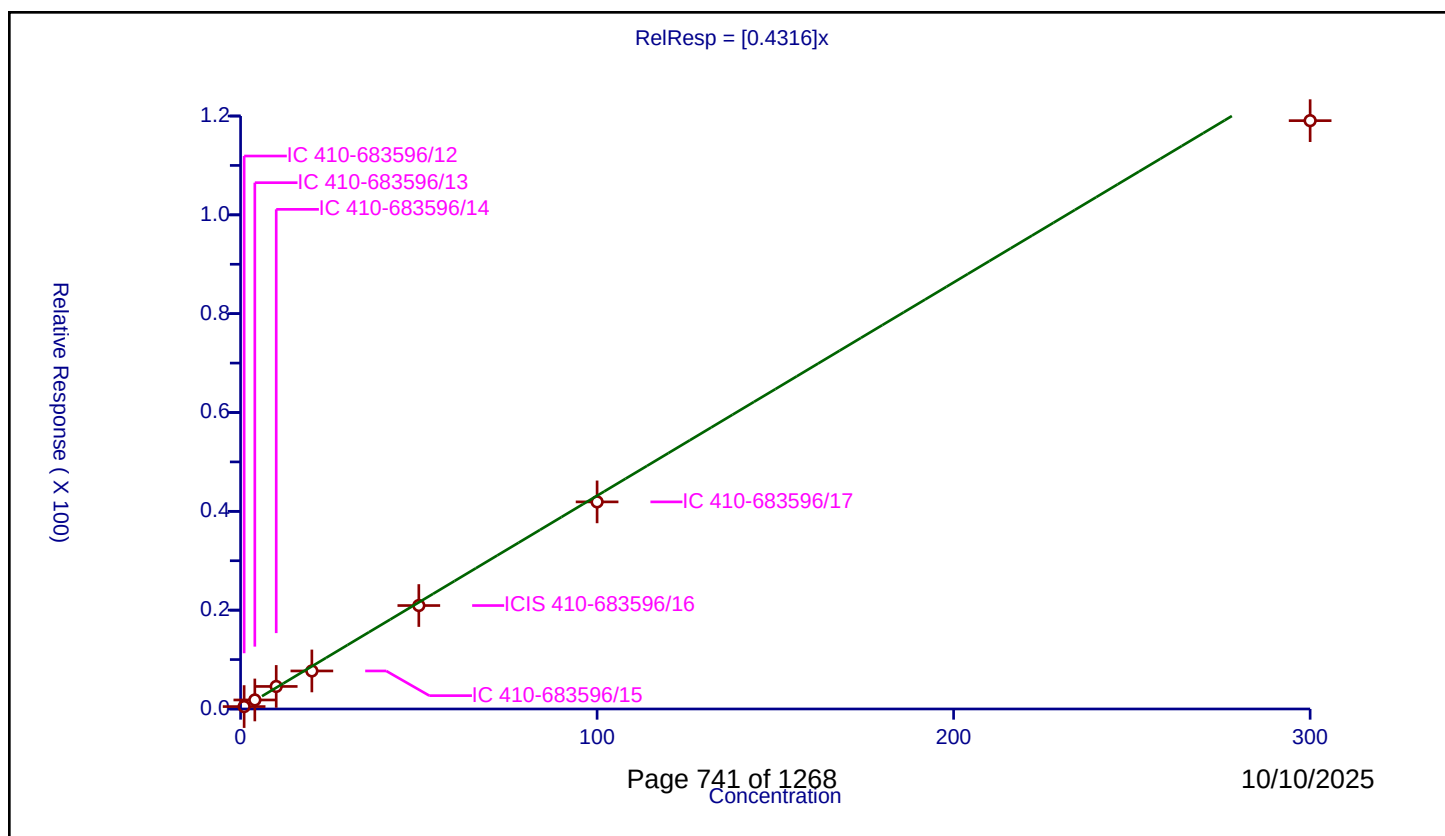
Curve Coefficients

Intercept: 0
Slope: 0.4316

Error Coefficients

Relative Standard Deviation: 8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.488972	50.0	1034825.0	0.488972	Y
2	IC 410-683596/13	4.0	1.825819	50.0	1060182.0	0.456455	Y
3	IC 410-683596/14	10.0	4.560364	50.0	1029260.0	0.456036	Y
4	IC 410-683596/15	20.0	7.695817	50.0	1058718.0	0.384791	Y
5	ICIS 410-683596/16	50.0	20.938108	50.0	1071785.0	0.418762	Y
6	IC 410-683596/17	100.0	41.913836	50.0	1063341.0	0.419138	Y
7	IC 410-683596/18	300.0	119.063063	50.0	1117567.0	0.396877	Y



Calibration

/ Bromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

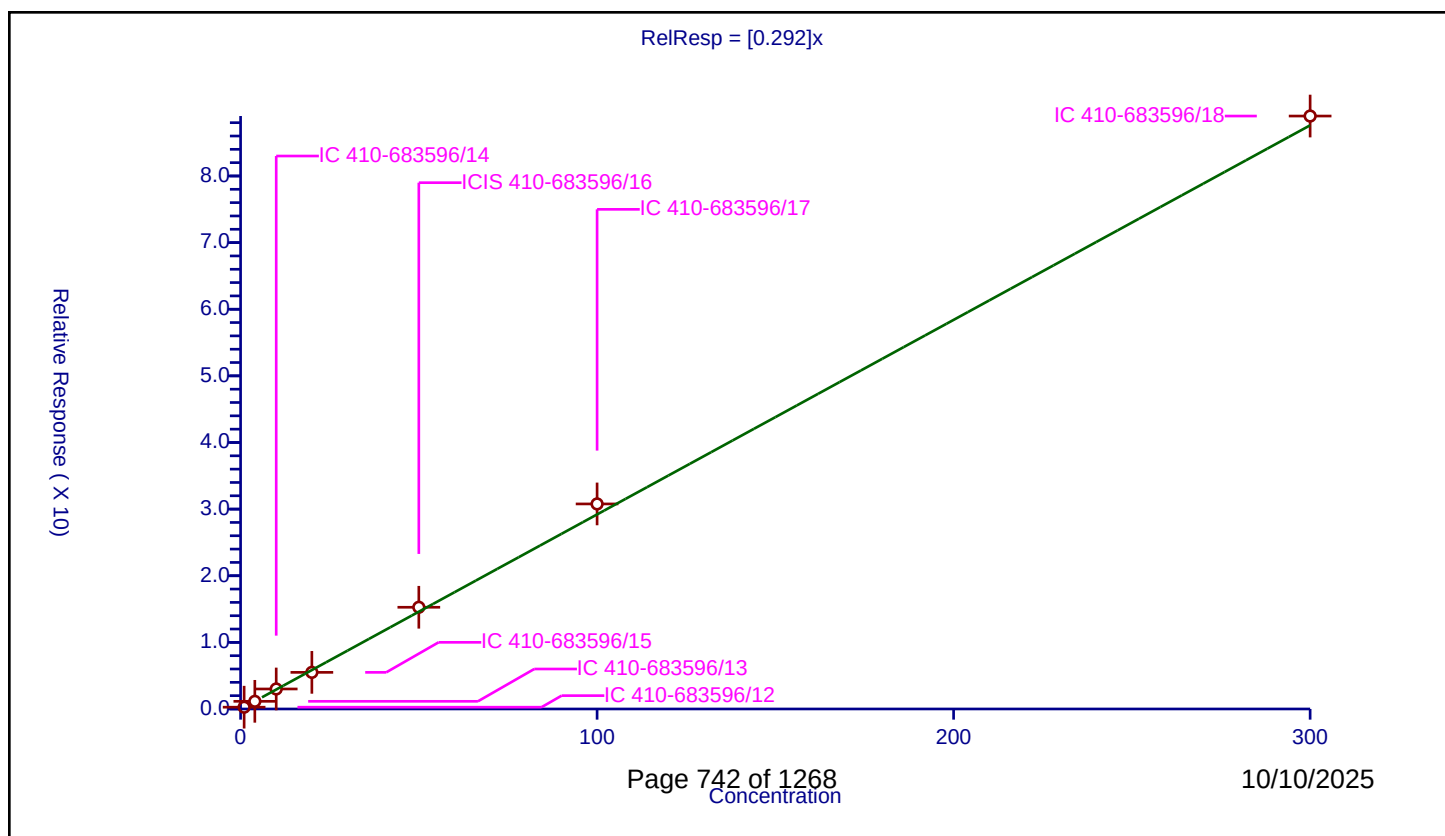
Curve Coefficients

Intercept: 0
Slope: 0.292

Error Coefficients

Relative Standard Deviation: 5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.271399	50.0	1034825.0	0.271399	Y
2	IC 410-683596/13	4.0	1.150793	50.0	1060182.0	0.287698	Y
3	IC 410-683596/14	10.0	3.003614	50.0	1029260.0	0.300361	Y
4	IC 410-683596/15	20.0	5.496884	50.0	1058718.0	0.274844	Y
5	ICIS 410-683596/16	50.0	15.267194	50.0	1071785.0	0.305344	Y
6	IC 410-683596/17	100.0	30.778603	50.0	1063341.0	0.307786	Y
7	IC 410-683596/18	300.0	88.994262	50.0	1117567.0	0.296648	Y



Calibration

/ Chloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

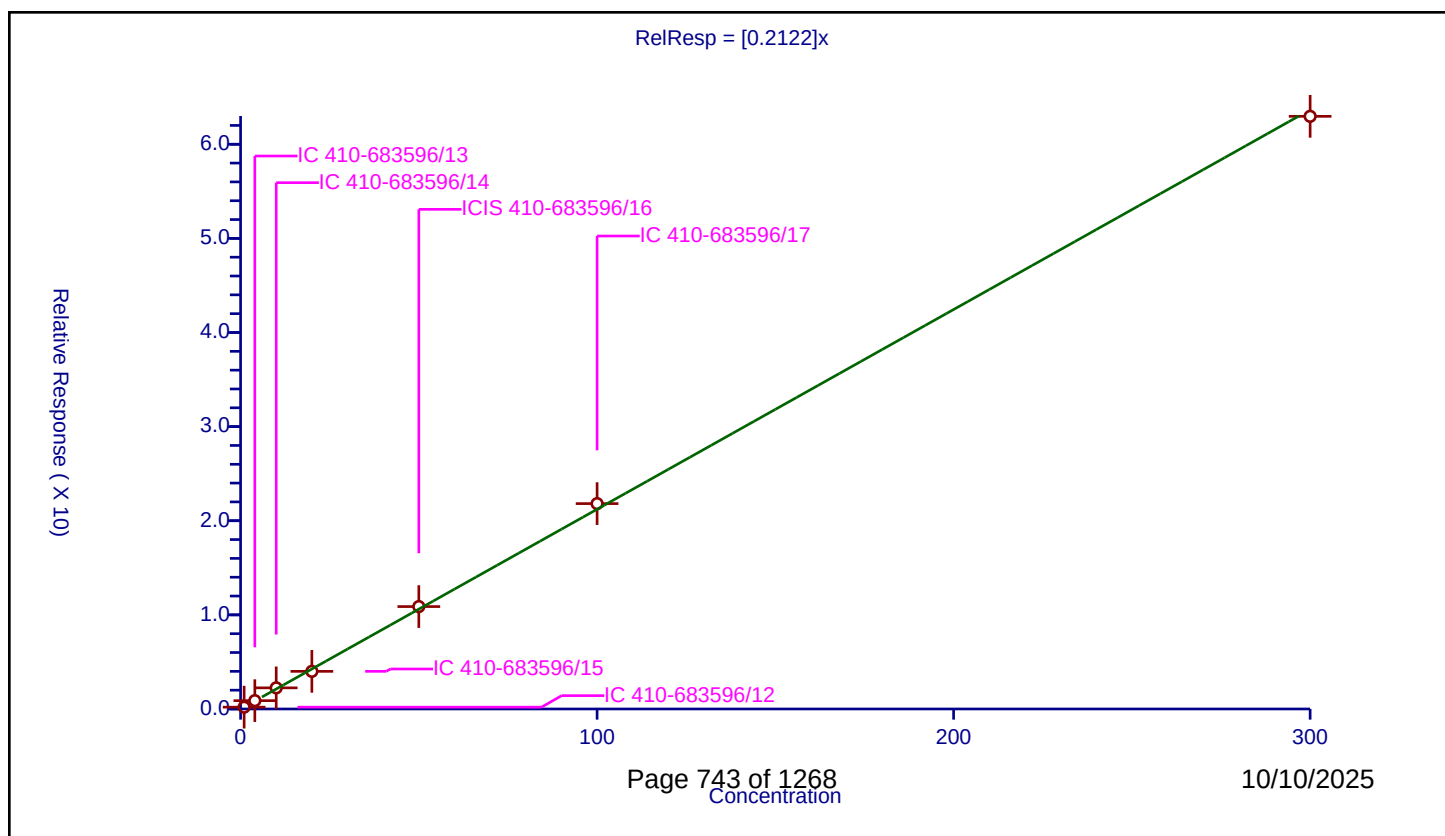
Curve Coefficients

Intercept: 0
Slope: 0.2122

Error Coefficients

Relative Standard Deviation: 5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.193753	50.0	1034825.0	0.193753	Y
2	IC 410-683596/13	4.0	0.886074	50.0	1060182.0	0.221519	Y
3	IC 410-683596/14	10.0	2.24574	50.0	1029260.0	0.224574	Y
4	IC 410-683596/15	20.0	3.99809	50.0	1058718.0	0.199905	Y
5	ICIS 410-683596/16	50.0	10.881194	50.0	1071785.0	0.217624	Y
6	IC 410-683596/17	100.0	21.820376	50.0	1063341.0	0.218204	Y
7	IC 410-683596/18	300.0	62.965979	50.0	1117567.0	0.209887	Y



Calibration

/ Dichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

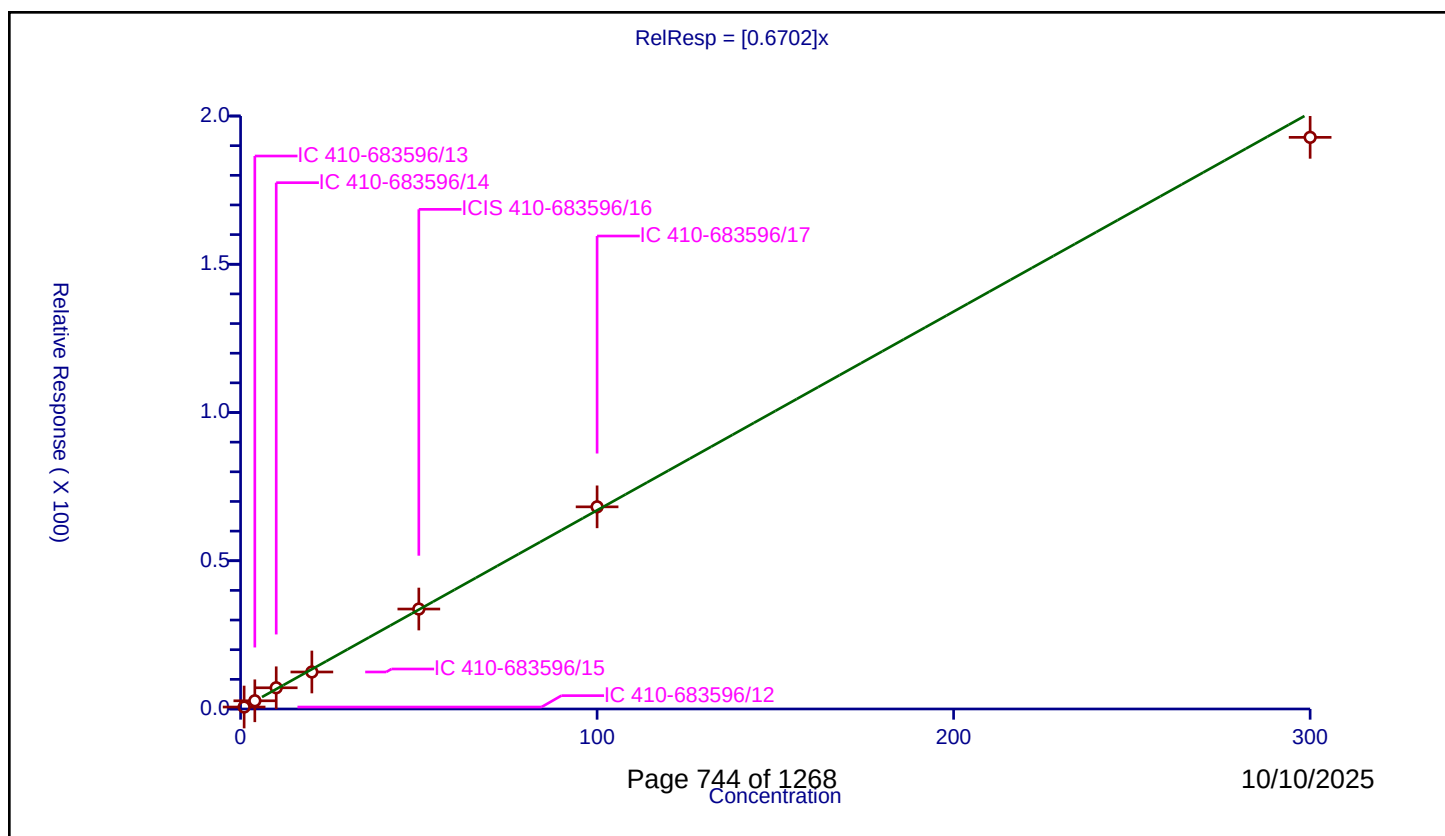
Curve Coefficients

Intercept: 0
Slope: 0.6702

Error Coefficients

Relative Standard Deviation: 4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.661464	50.0	1034825.0	0.661464	Y
2	IC 410-683596/13	4.0	2.767119	50.0	1060182.0	0.69178	Y
3	IC 410-683596/14	10.0	7.155481	50.0	1029260.0	0.715548	Y
4	IC 410-683596/15	20.0	12.476457	50.0	1058718.0	0.623823	Y
5	ICIS 410-683596/16	50.0	33.712545	50.0	1071785.0	0.674251	Y
6	IC 410-683596/17	100.0	68.182314	50.0	1063341.0	0.681823	Y
7	IC 410-683596/18	300.0	192.808619	50.0	1117567.0	0.642695	Y



Calibration

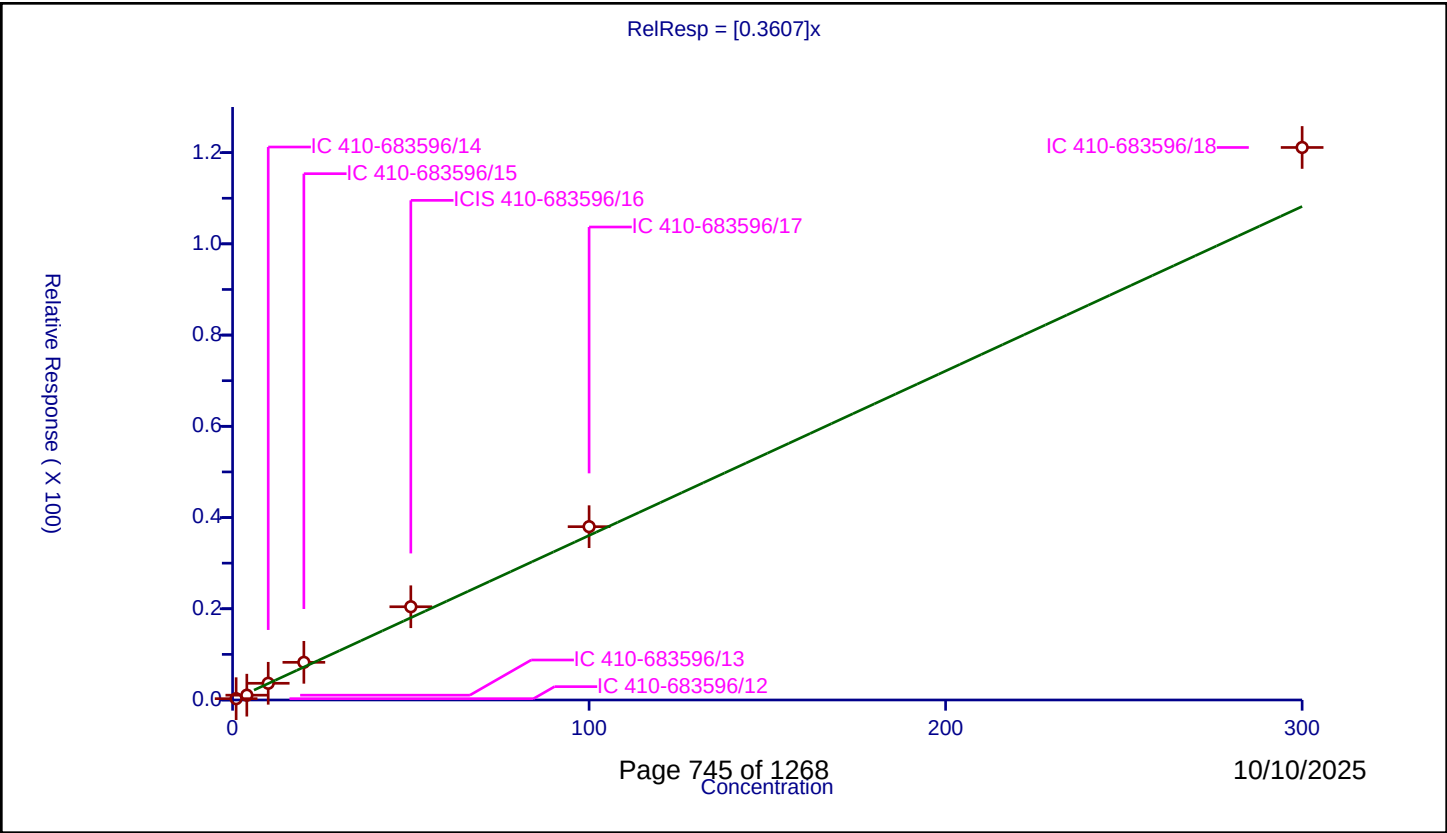
/ Pentane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3607
Error Coefficients	

Relative Standard Deviation: 16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.289131	50.0	1034825.0	0.289131	Y
2	IC 410-683596/13	4.0	1.055479	50.0	1060182.0	0.26387	Y
3	IC 410-683596/14	10.0	3.662243	50.0	1029260.0	0.366224	Y
4	IC 410-683596/15	20.0	8.255362	50.0	1058718.0	0.412768	Y
5	ICIS 410-683596/16	50.0	20.443419	50.0	1071785.0	0.408868	Y
6	IC 410-683596/17	100.0	37.998347	50.0	1063341.0	0.379983	Y
7	IC 410-683596/18	300.0	121.129292	50.0	1117567.0	0.403764	Y



Calibration

/ Trichlorofluoromethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

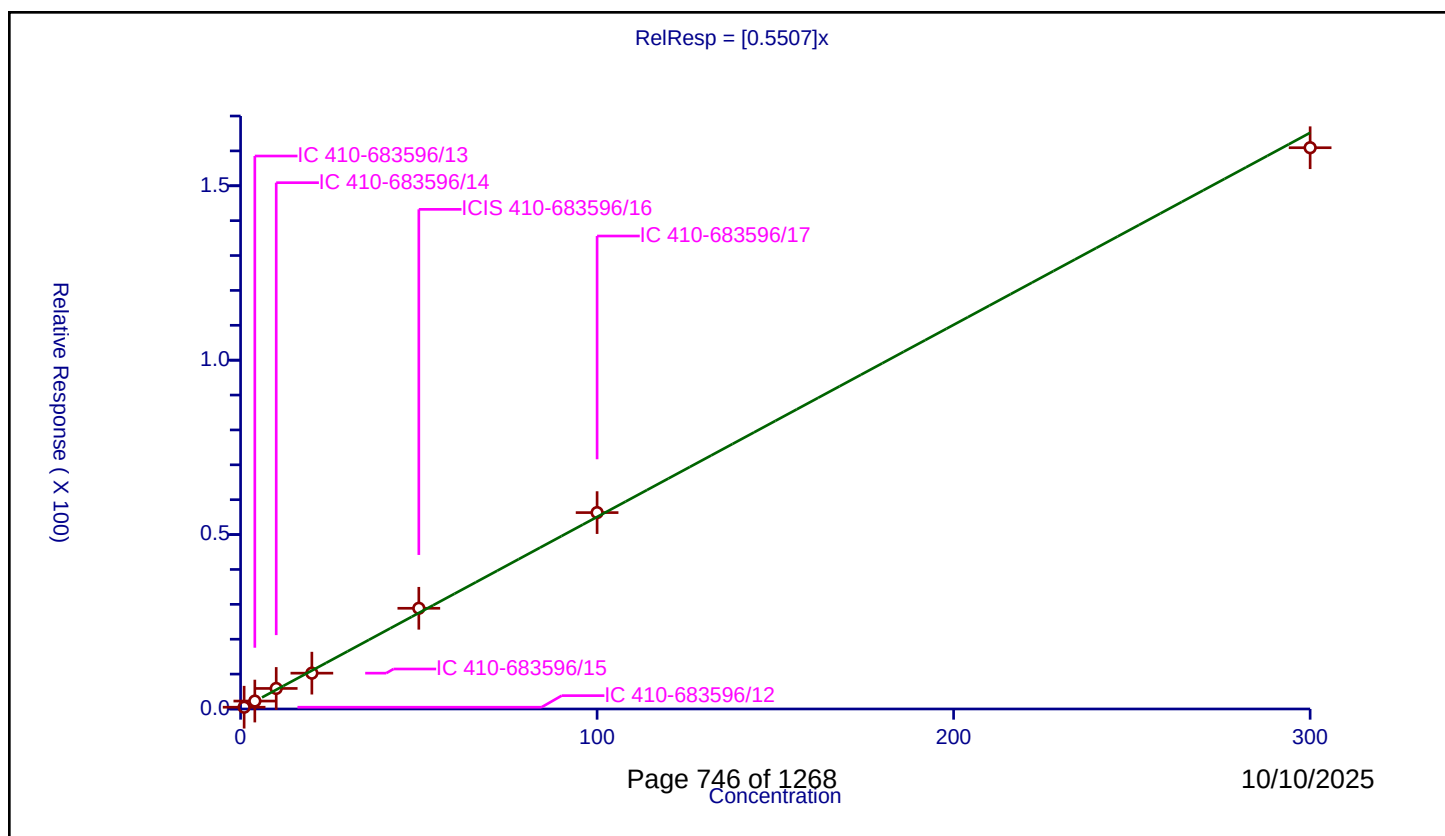
Curve Coefficients

Intercept: 0
Slope: 0.5507

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.506511	50.0	1034825.0	0.506511	Y
2	IC 410-683596/13	4.0	2.274421	50.0	1060182.0	0.568605	Y
3	IC 410-683596/14	10.0	5.891077	50.0	1029260.0	0.589108	Y
4	IC 410-683596/15	20.0	10.272471	50.0	1058718.0	0.513624	Y
5	ICIS 410-683596/16	50.0	28.868616	50.0	1071785.0	0.577372	Y
6	IC 410-683596/17	100.0	56.298779	50.0	1063341.0	0.562988	Y
7	IC 410-683596/18	300.0	160.906863	50.0	1117567.0	0.536356	Y



Calibration

/ Ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

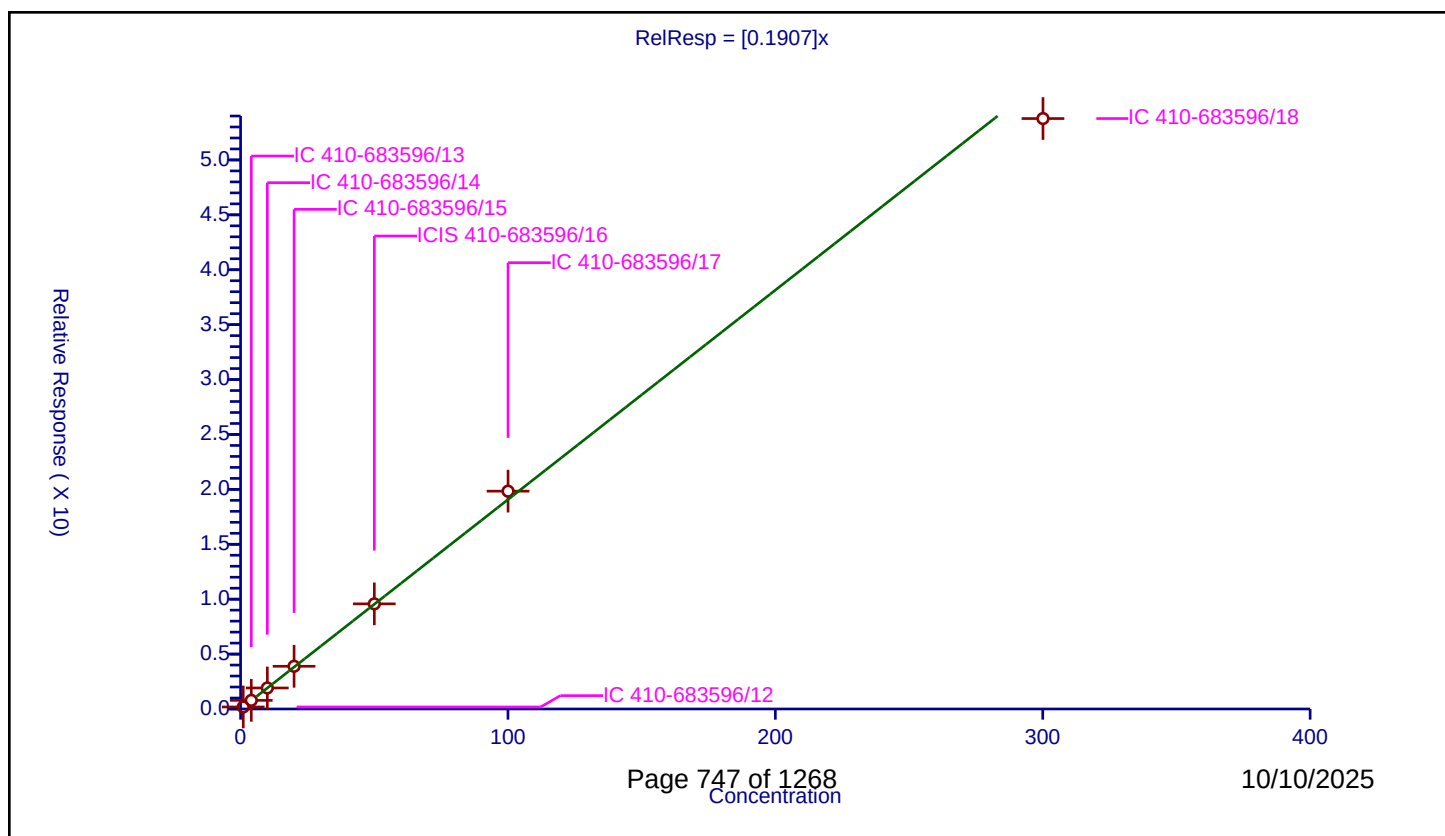
Curve Coefficients

Intercept: 0
Slope: 0.1907

Error Coefficients

Relative Standard Deviation: 3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.000332	0.184331	50.0	1034825.0	0.18427	Y
2	IC 410-683596/13	4.001328	0.784912	50.0	1060182.0	0.196163	Y
3	IC 410-683596/14	10.00332	1.914822	50.0	1029260.0	0.191419	Y
4	IC 410-683596/15	20.00664	3.888901	50.0	1058718.0	0.194381	Y
5	ICIS 410-683596/16	50.0166	9.573049	50.0	1071785.0	0.191397	Y
6	IC 410-683596/17	100.0332	19.83771	50.0	1063341.0	0.198311	Y
7	IC 410-683596/18	300.0996	53.770065	50.0	1117567.0	0.179174	Y



Calibration

/ 1,2-Dichloro-1,1,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

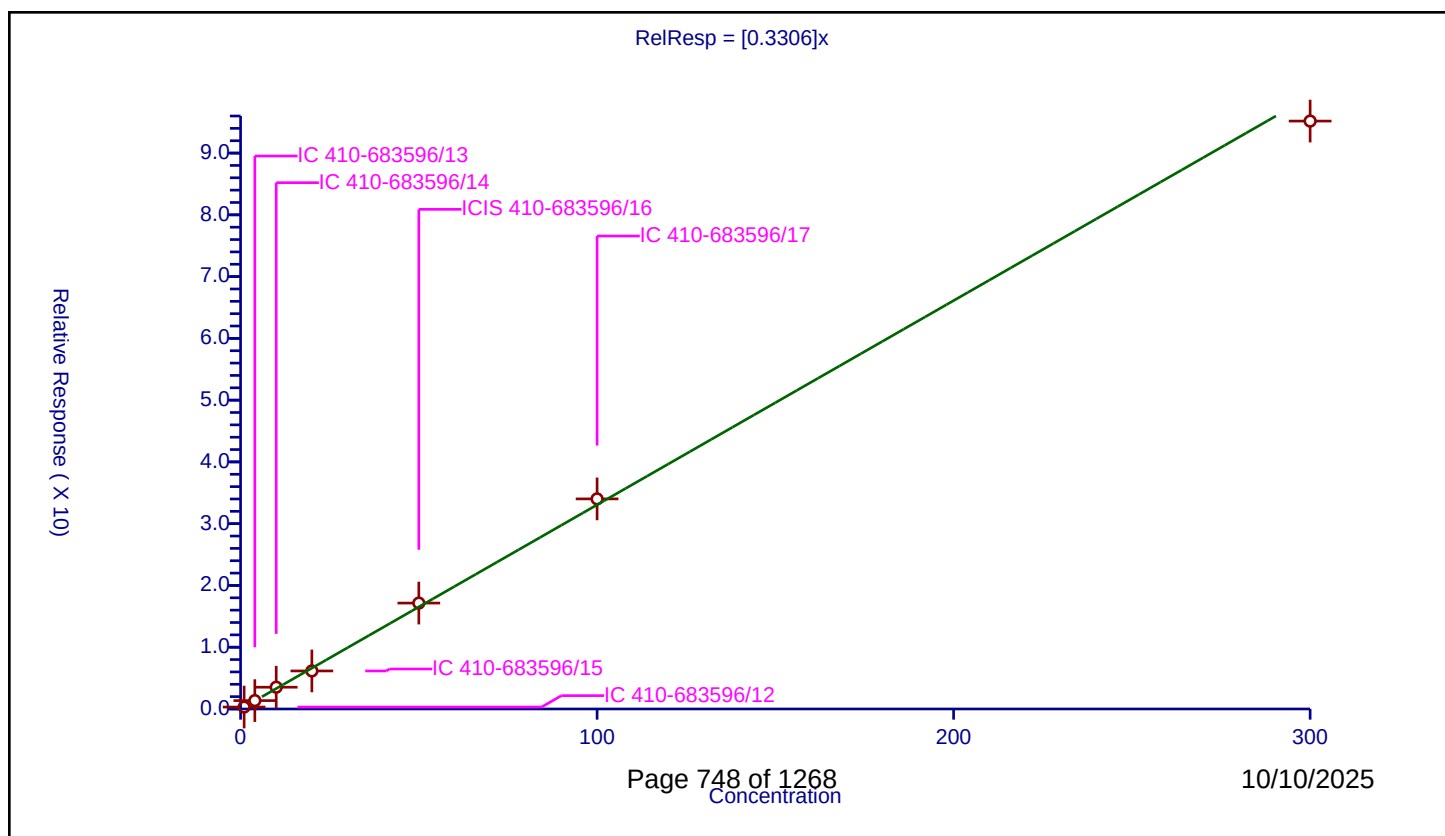
Curve Coefficients

Intercept: 0
Slope: 0.3306

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.313386	50.0	1034825.0	0.313386	Y
2	IC 410-683596/13	4.0	1.359153	50.0	1060182.0	0.339788	Y
3	IC 410-683596/14	10.0	3.5253	50.0	1029260.0	0.35253	Y
4	IC 410-683596/15	20.0	6.160564	50.0	1058718.0	0.308028	Y
5	ICIS 410-683596/16	50.0	17.144763	50.0	1071785.0	0.342895	Y
6	IC 410-683596/17	100.0	34.013172	50.0	1063341.0	0.340132	Y
7	IC 410-683596/18	300.0	95.178007	50.0	1117567.0	0.31726	Y



Calibration

/ Acrolein

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

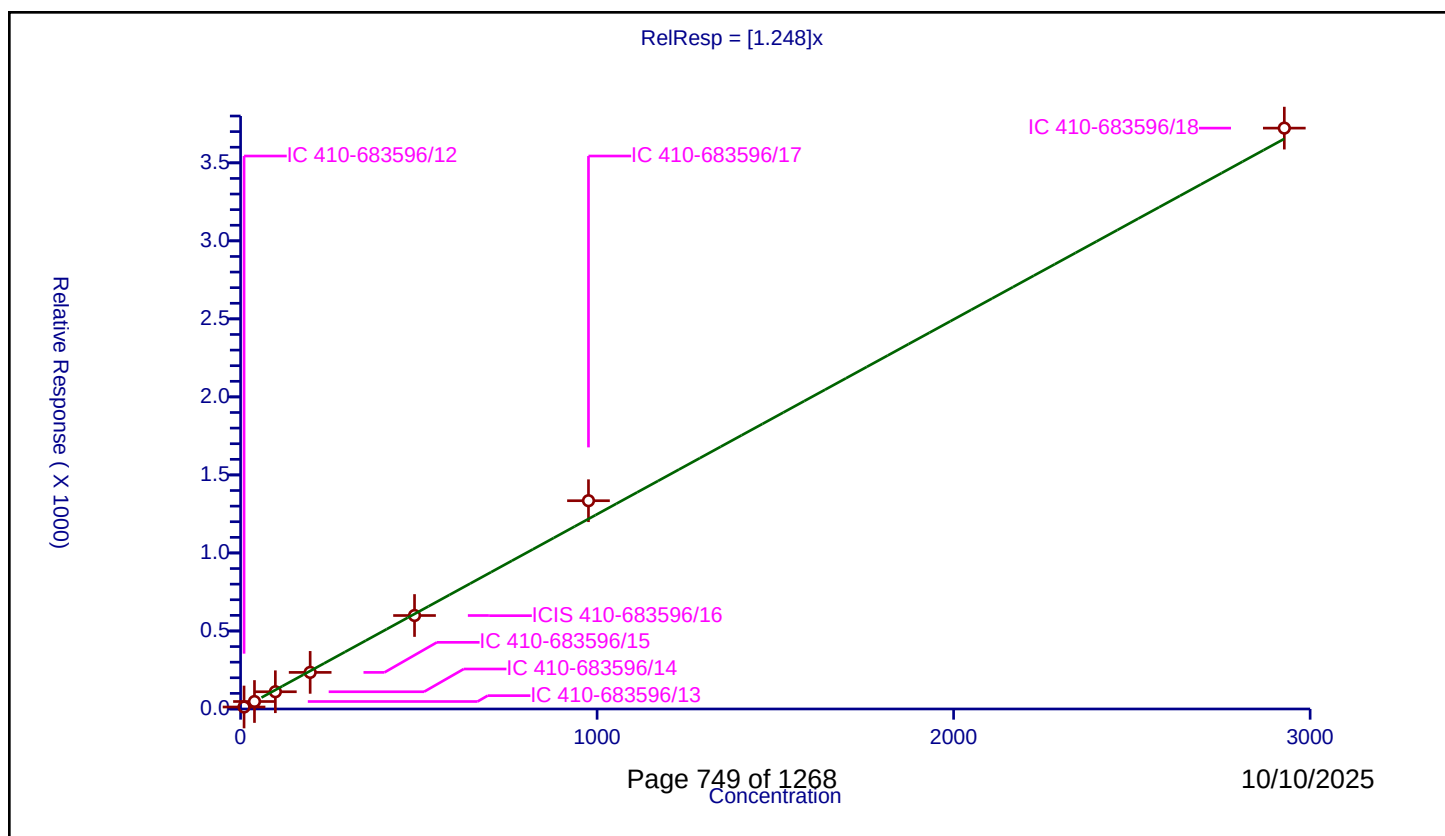
Curve Coefficients

Intercept: 0
Slope: 1.248

Error Coefficients

Relative Standard Deviation: 6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	9.758805	12.746314	250.0	363713.0	1.306135	Y
2	IC 410-683596/13	39.03522	48.010636	250.0	392814.0	1.229931	Y
3	IC 410-683596/14	97.588049	110.435135	250.0	353316.0	1.131646	Y
4	IC 410-683596/15	195.176098	234.572168	250.0	387044.0	1.201849	Y
5	ICIS 410-683596/16	487.940246	599.104142	250.0	357311.0	1.227823	Y
6	IC 410-683596/17	975.880491	1334.68156	250.0	371043.0	1.367669	Y
7	IC 410-683596/18	2927.641474	3722.453892	250.0	368101.0	1.271486	Y



Calibration

/ 1,1-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

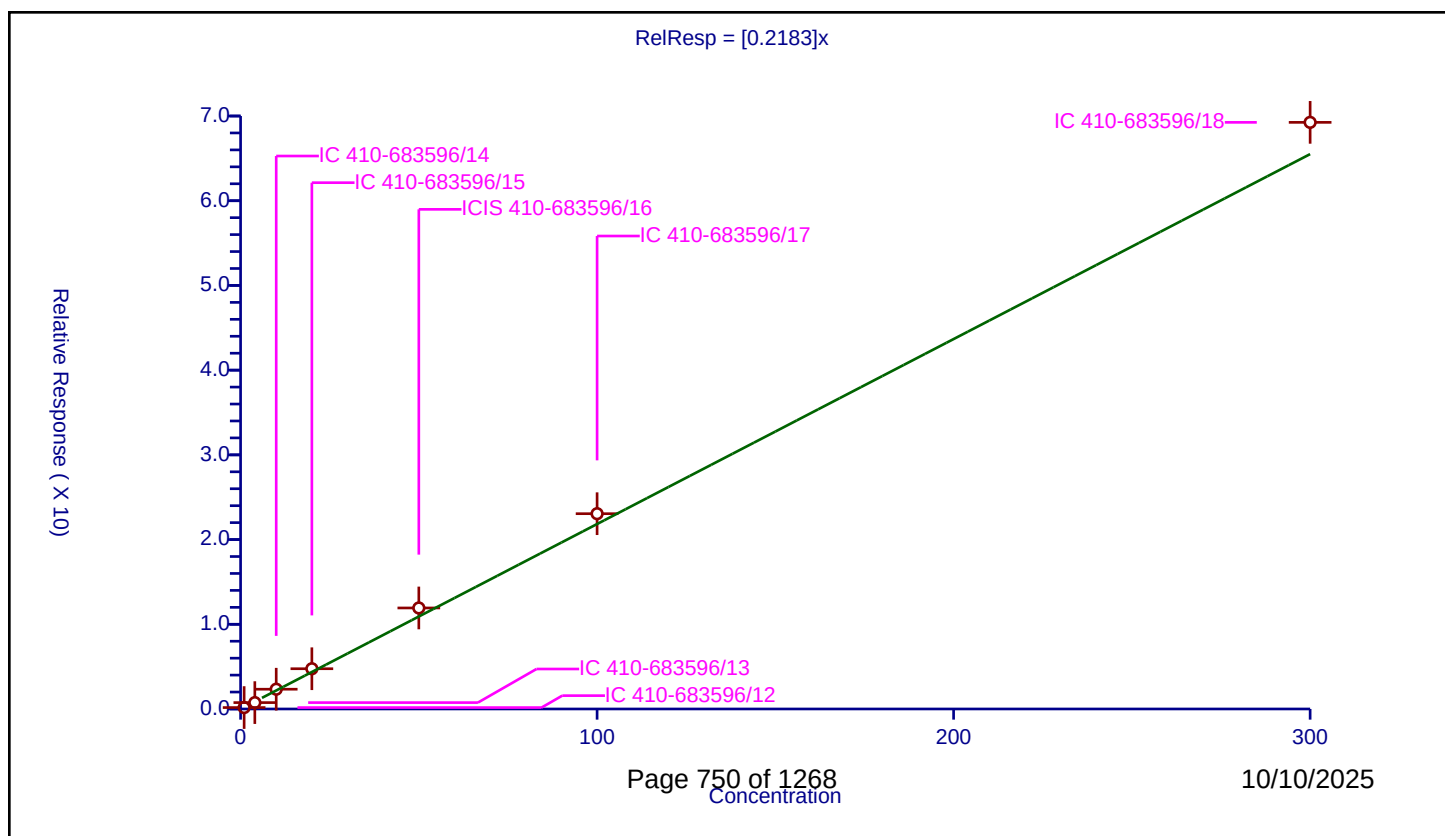
Curve Coefficients

Intercept: 0
Slope: 0.2183

Error Coefficients

Relative Standard Deviation: 12.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.169401	50.0	1034825.0	0.169401	Y
2	IC 410-683596/13	4.0	0.752465	50.0	1060182.0	0.188116	Y
3	IC 410-683596/14	10.0	2.333278	50.0	1029260.0	0.233328	Y
4	IC 410-683596/15	20.0	4.75306	50.0	1058718.0	0.237653	Y
5	ICIS 410-683596/16	50.0	11.925806	50.0	1071785.0	0.238516	Y
6	IC 410-683596/17	100.0	23.05568	50.0	1063341.0	0.230557	Y
7	IC 410-683596/18	300.0	69.250076	50.0	1117567.0	0.230834	Y



Calibration

/ Acetone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

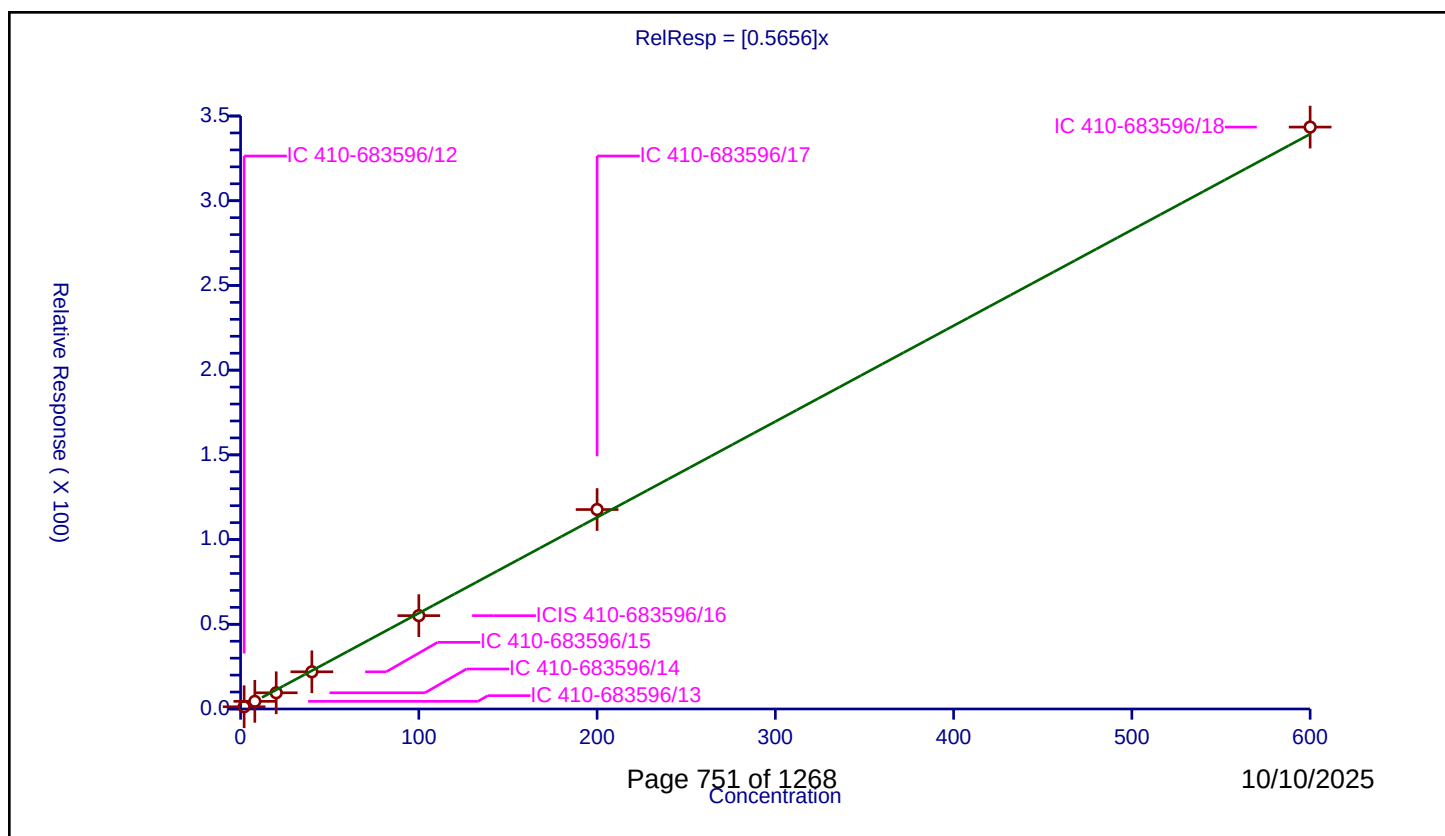
Curve Coefficients

Intercept: 0
Slope: 0.5656

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	1.314223	250.0	363713.0	0.657112	Y
2	IC 410-683596/13	8.0	4.502767	250.0	392814.0	0.562846	Y
3	IC 410-683596/14	20.0	9.562969	250.0	353316.0	0.478148	Y
4	IC 410-683596/15	40.0	21.949701	250.0	387044.0	0.548743	Y
5	ICIS 410-683596/16	100.0	55.093462	250.0	357311.0	0.550935	Y
6	IC 410-683596/17	200.0	117.727595	250.0	371043.0	0.588638	Y
7	IC 410-683596/18	600.0	343.468233	250.0	368101.0	0.572447	Y



Calibration

/ 1,1,2-Trichloro-1,2,2-trifluoroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

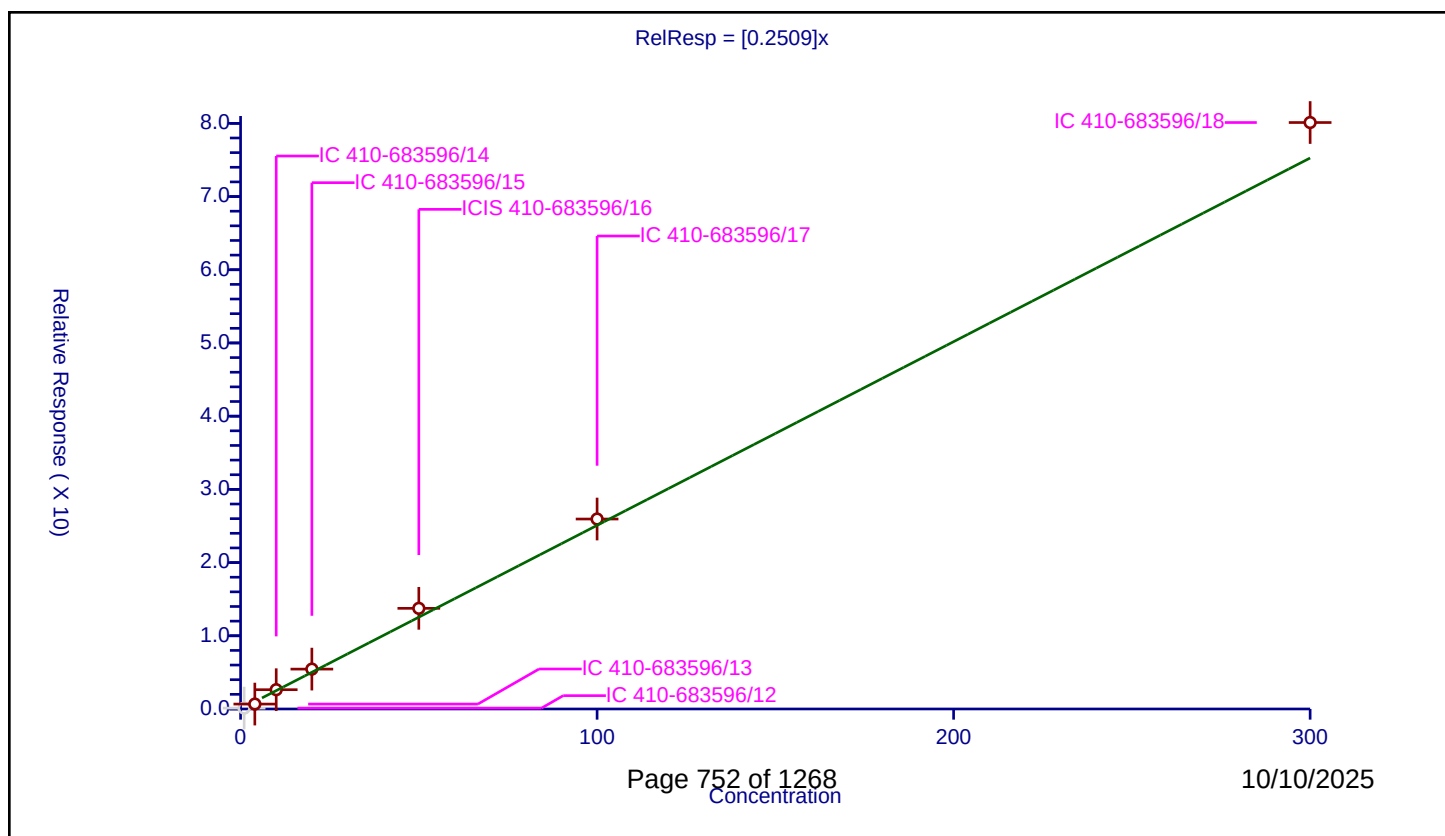
Curve Coefficients

Intercept: 0
Slope: 0.2509

Error Coefficients

Relative Standard Deviation: 16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.122871	50.0	1034825.0	0.122871	N
2	IC 410-683596/13	4.0	0.671913	50.0	1060182.0	0.167978	Y
3	IC 410-683596/14	10.0	2.634951	50.0	1029260.0	0.263495	Y
4	IC 410-683596/15	20.0	5.446682	50.0	1058718.0	0.272334	Y
5	ICIS 410-683596/16	50.0	13.748	50.0	1071785.0	0.27496	Y
6	IC 410-683596/17	100.0	25.946898	50.0	1063341.0	0.259469	Y
7	IC 410-683596/18	300.0	80.110767	50.0	1117567.0	0.267036	Y



Calibration

/ Isopropyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

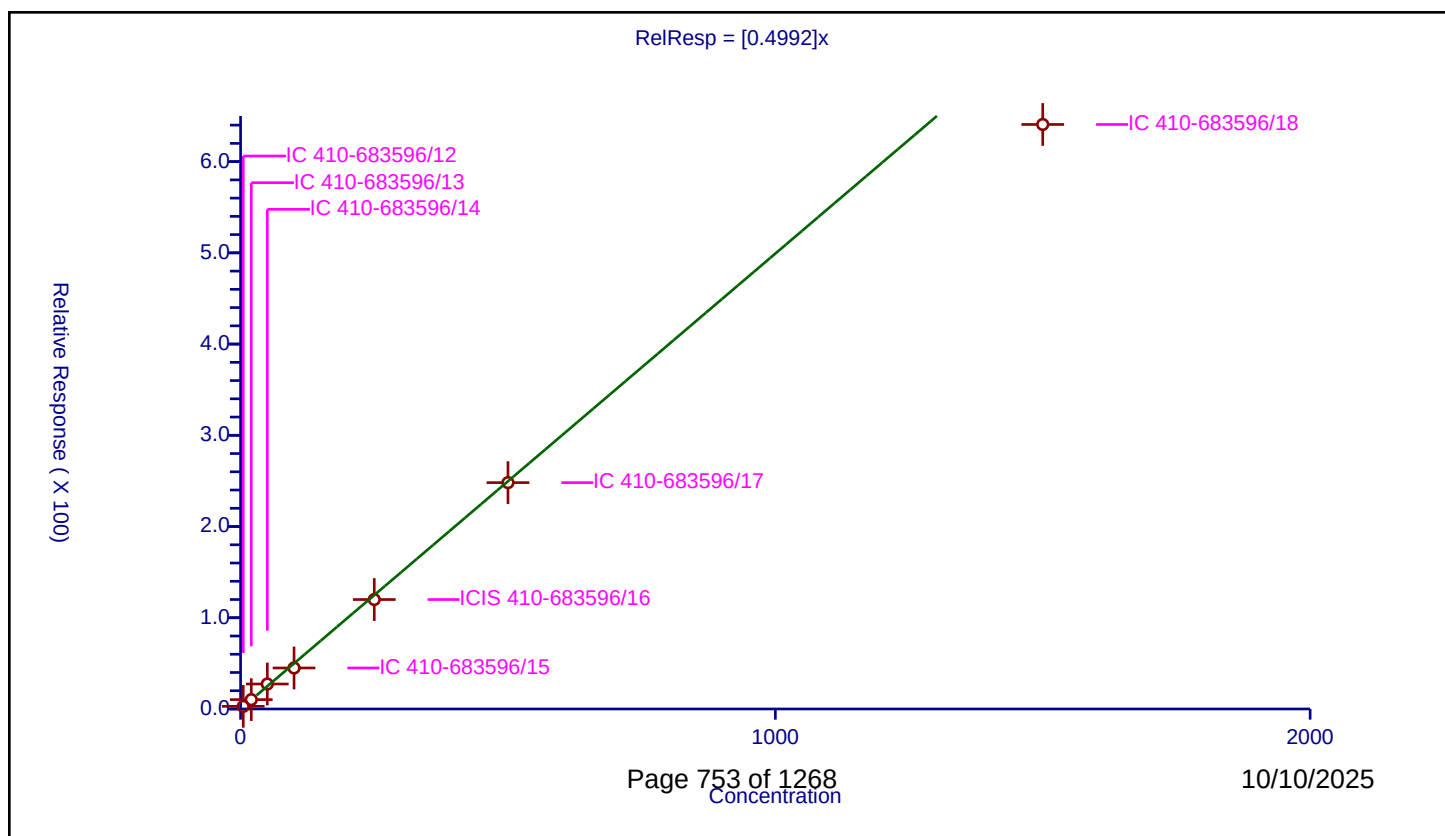
Curve Coefficients

Intercept: 0
Slope: 0.4992

Error Coefficients

Relative Standard Deviation: 10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	2.902013	250.0	363713.0	0.580403	Y
2	IC 410-683596/13	20.0	10.271401	250.0	392814.0	0.51357	Y
3	IC 410-683596/14	50.0	27.369267	250.0	353316.0	0.547385	Y
4	IC 410-683596/15	100.0	44.976799	250.0	387044.0	0.449768	Y
5	ICIS 410-683596/16	250.0	119.971118	250.0	357311.0	0.479884	Y
6	IC 410-683596/17	500.0	248.142399	250.0	371043.0	0.496285	Y
7	IC 410-683596/18	1500.0	640.742622	250.0	368101.0	0.427162	Y



Calibration

/ Iodomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

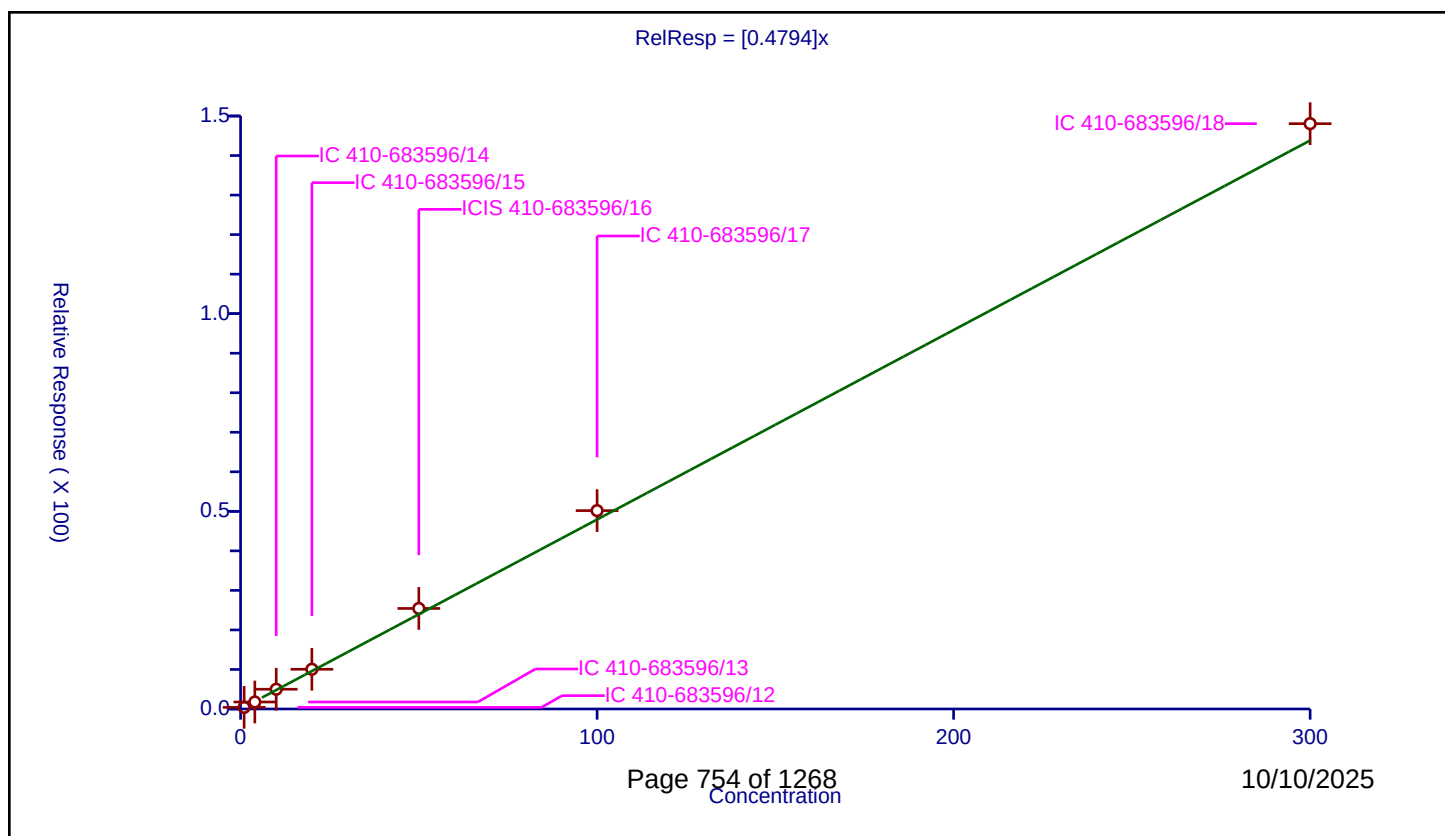
Curve Coefficients

Intercept: 0
Slope: 0.4794

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.406446	50.0	1034825.0	0.406446	Y
2	IC 410-683596/13	4.0	1.772903	50.0	1060182.0	0.443226	Y
3	IC 410-683596/14	10.0	4.99315	50.0	1029260.0	0.499315	Y
4	IC 410-683596/15	20.0	10.050788	50.0	1058718.0	0.502539	Y
5	ICIS 410-683596/16	50.0	25.431267	50.0	1071785.0	0.508625	Y
6	IC 410-683596/17	100.0	50.17967	50.0	1063341.0	0.501797	Y
7	IC 410-683596/18	300.0	148.065306	50.0	1117567.0	0.493551	Y



Calibration

/ Carbon disulfide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

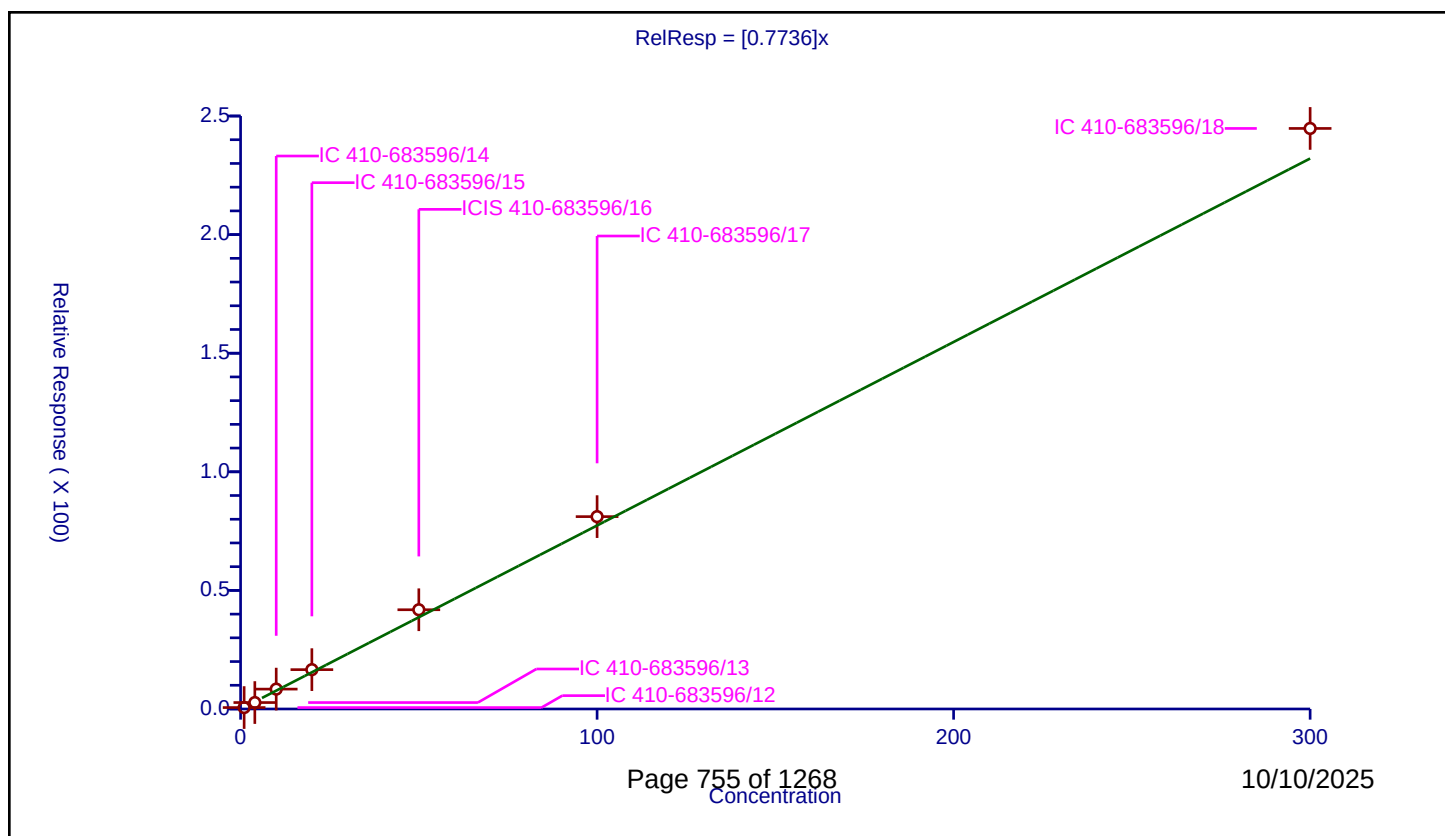
Curve Coefficients

Intercept: 0
Slope: 0.7736

Error Coefficients

Relative Standard Deviation: 12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.604595	50.0	1034825.0	0.604595	Y
2	IC 410-683596/13	4.0	2.719863	50.0	1060182.0	0.679966	Y
3	IC 410-683596/14	10.0	8.377086	50.0	1029260.0	0.837709	Y
4	IC 410-683596/15	20.0	16.587373	50.0	1058718.0	0.829369	Y
5	ICIS 410-683596/16	50.0	41.840201	50.0	1071785.0	0.836804	Y
6	IC 410-683596/17	100.0	81.096798	50.0	1063341.0	0.810968	Y
7	IC 410-683596/18	300.0	244.76018	50.0	1117567.0	0.815867	Y



Calibration

/ Methyl acetate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

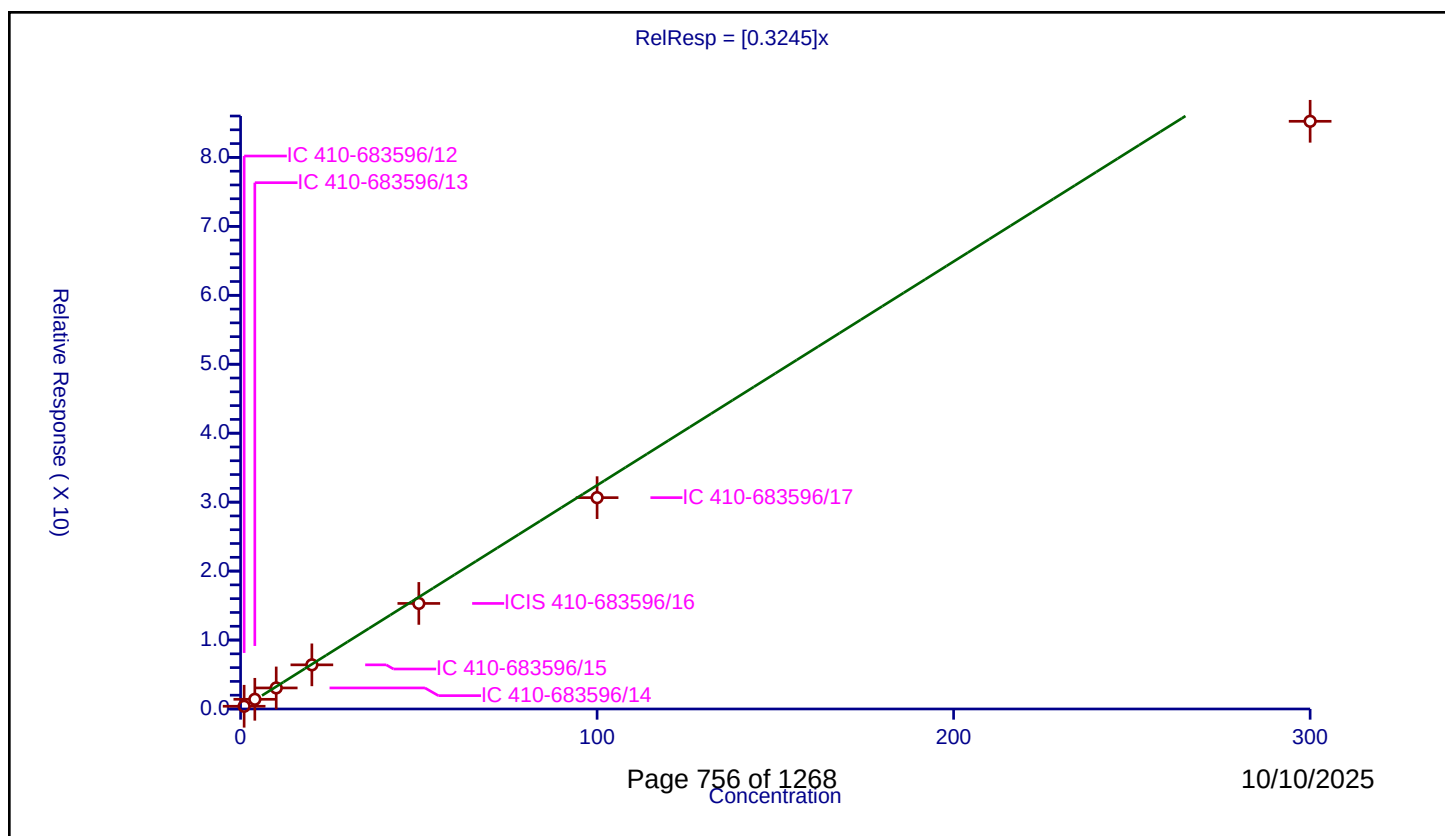
Curve Coefficients

Intercept: 0
Slope: 0.3245

Error Coefficients

Relative Standard Deviation: 11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.397893	50.0	1034825.0	0.397893	Y
2	IC 410-683596/13	4.0	1.405278	50.0	1060182.0	0.351319	Y
3	IC 410-683596/14	10.0	3.051756	50.0	1029260.0	0.305176	Y
4	IC 410-683596/15	20.0	6.404113	50.0	1058718.0	0.320206	Y
5	ICIS 410-683596/16	50.0	15.30932	50.0	1071785.0	0.306186	Y
6	IC 410-683596/17	100.0	30.651597	50.0	1063341.0	0.306516	Y
7	IC 410-683596/18	300.0	85.235024	50.0	1117567.0	0.284117	Y



Calibration

/ 3-Chloro-1-propene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

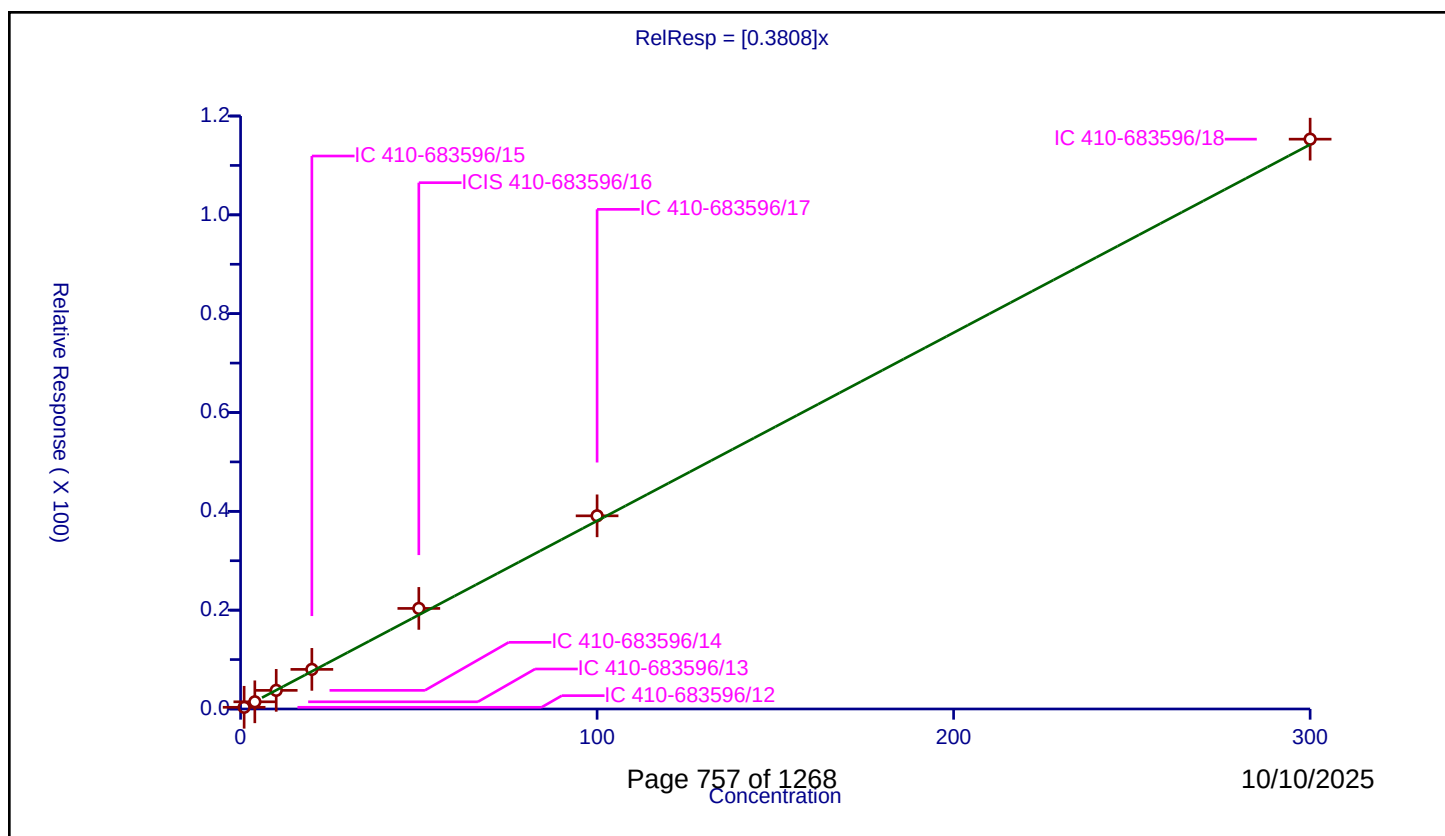
Curve Coefficients

Intercept: 0
Slope: 0.3808

Error Coefficients

Relative Standard Deviation: 5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.342087	50.0	1034825.0	0.342087	Y
2	IC 410-683596/13	4.0	1.453713	50.0	1060182.0	0.363428	Y
3	IC 410-683596/14	10.0	3.766784	50.0	1029260.0	0.376678	Y
4	IC 410-683596/15	20.0	8.014835	50.0	1058718.0	0.400742	Y
5	ICIS 410-683596/16	50.0	20.35161	50.0	1071785.0	0.407032	Y
6	IC 410-683596/17	100.0	39.090706	50.0	1063341.0	0.390907	Y
7	IC 410-683596/18	300.0	115.316934	50.0	1117567.0	0.38439	Y



Calibration

/ Methylene Chloride

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

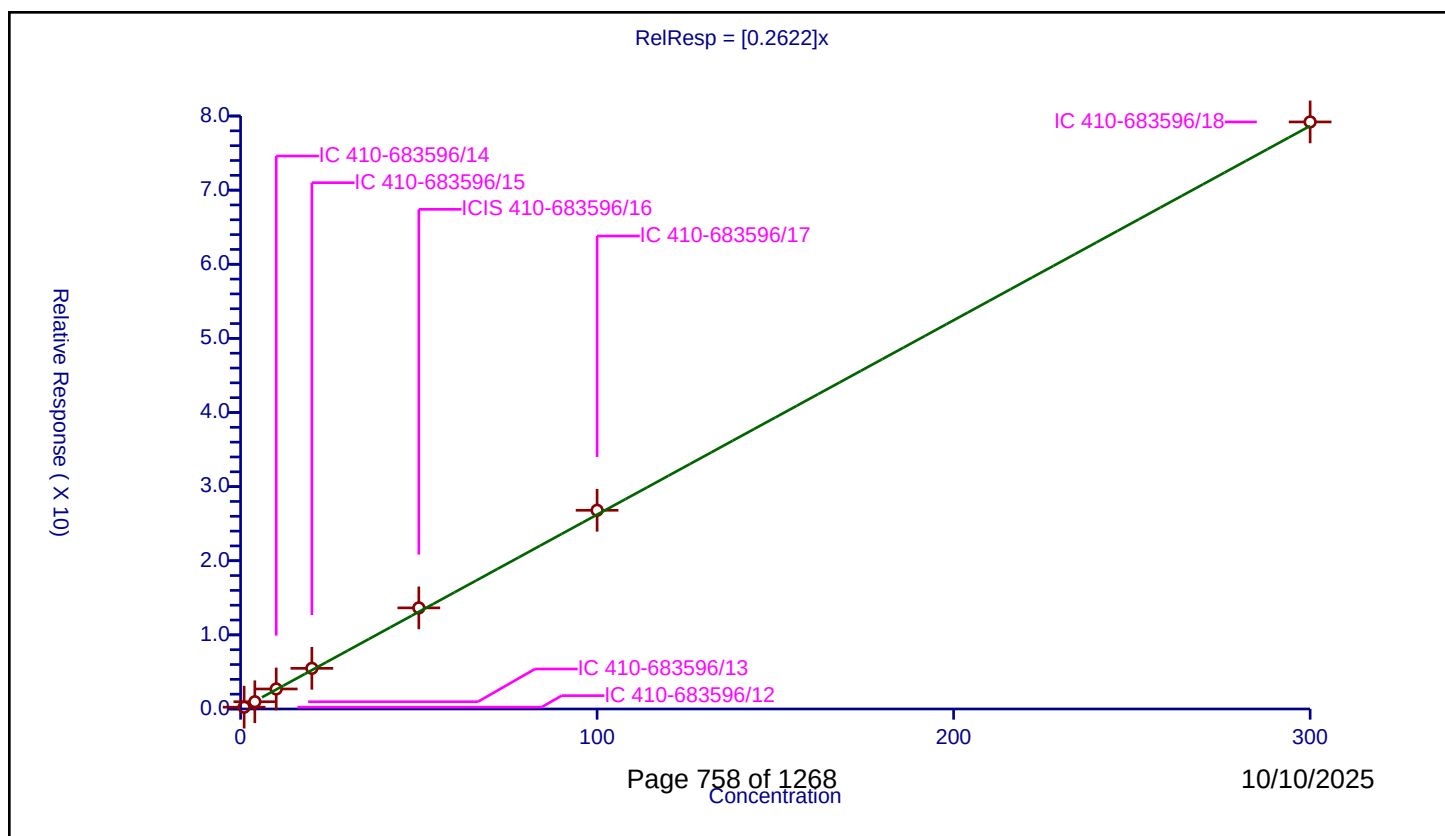
Curve Coefficients

Intercept: 0
 Slope: 0.2622

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.24207	50.0	1034825.0	0.24207	Y
2	IC 410-683596/13	4.0	0.976483	50.0	1060182.0	0.244121	Y
3	IC 410-683596/14	10.0	2.701504	50.0	1029260.0	0.27015	Y
4	IC 410-683596/15	20.0	5.485738	50.0	1058718.0	0.274287	Y
5	ICIS 410-683596/16	50.0	13.639163	50.0	1071785.0	0.272783	Y
6	IC 410-683596/17	100.0	26.808945	50.0	1063341.0	0.268089	Y
7	IC 410-683596/18	300.0	79.2008	50.0	1117567.0	0.264003	Y



Calibration

/ 2-Methyl-2-propanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

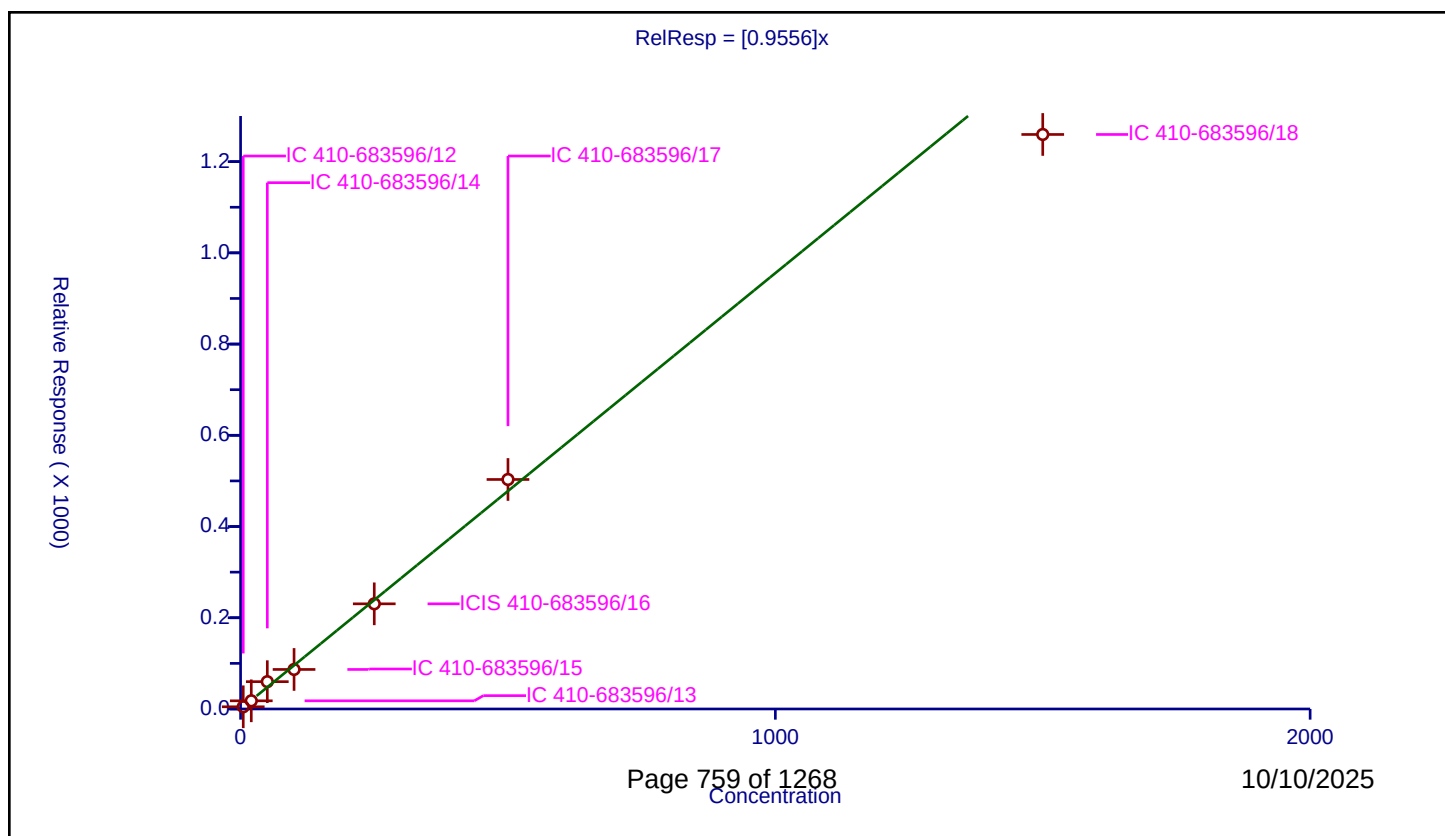
Curve Coefficients

Intercept: 0
Slope: 0.9556

Error Coefficients

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	4.799114	250.0	363713.0	0.959823	Y
2	IC 410-683596/13	20.0	17.931515	250.0	392814.0	0.896576	Y
3	IC 410-683596/14	50.0	59.885485	250.0	353316.0	1.19771	Y
4	IC 410-683596/15	100.0	86.691048	250.0	387044.0	0.86691	Y
5	ICIS 410-683596/16	250.0	230.558253	250.0	357311.0	0.922233	Y
6	IC 410-683596/17	500.0	503.153947	250.0	371043.0	1.006308	Y
7	IC 410-683596/18	1500.0	1259.515731	250.0	368101.0	0.839677	Y



Calibration

/ Acrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

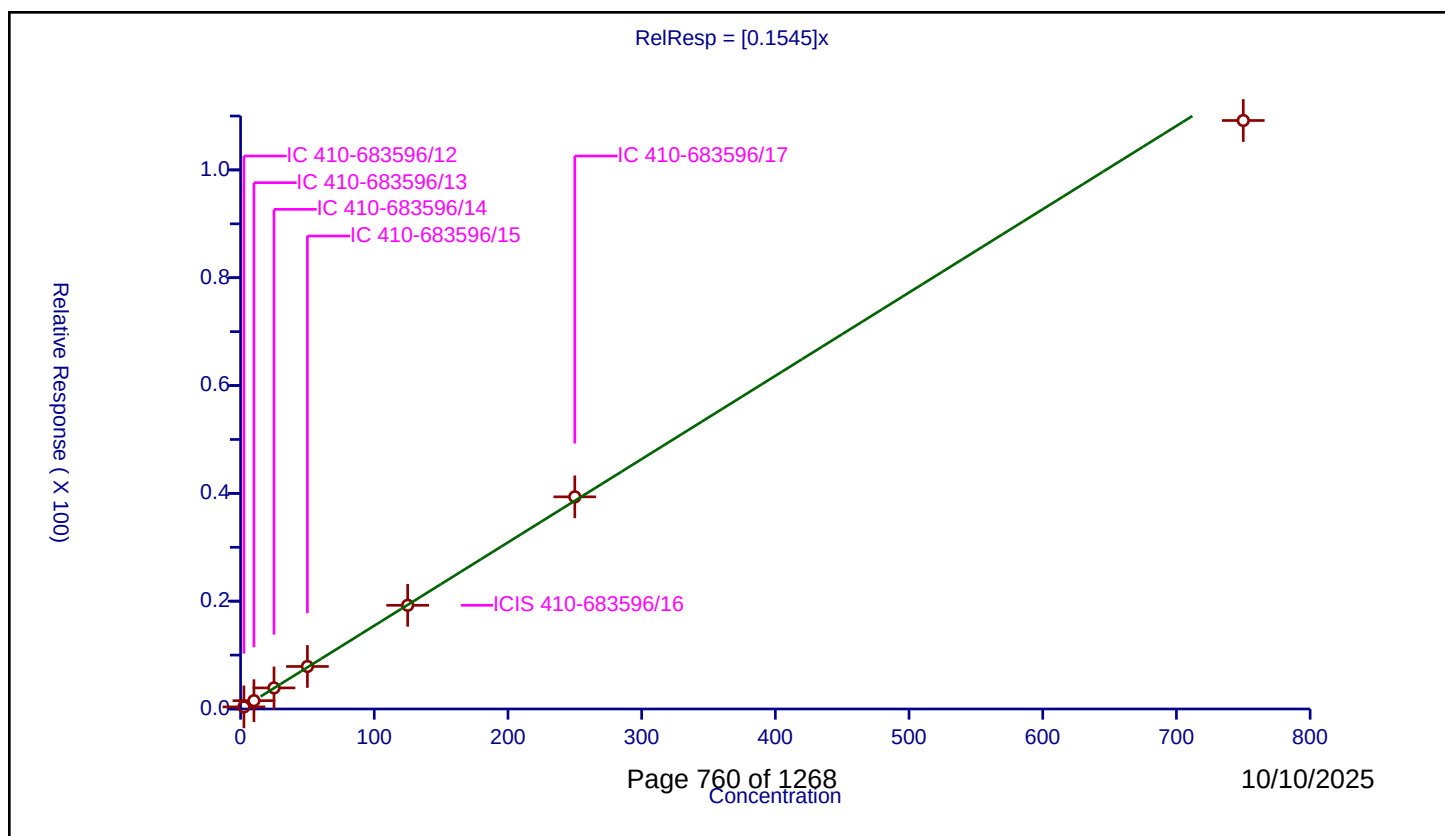
Curve Coefficients

Intercept: 0
 Slope: 0.1545

Error Coefficients

Relative Standard Deviation: 2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.5	0.38939	50.0	1034825.0	0.155756	Y
2	IC 410-683596/13	10.0	1.546763	50.0	1060182.0	0.154676	Y
3	IC 410-683596/14	25.0	3.912568	50.0	1029260.0	0.156503	Y
4	IC 410-683596/15	50.0	7.888408	50.0	1058718.0	0.157768	Y
5	ICIS 410-683596/16	125.0	19.235481	50.0	1071785.0	0.153884	Y
6	IC 410-683596/17	250.0	39.35586	50.0	1063341.0	0.157423	Y
7	IC 410-683596/18	750.0	109.168086	50.0	1117567.0	0.145557	Y



Calibration

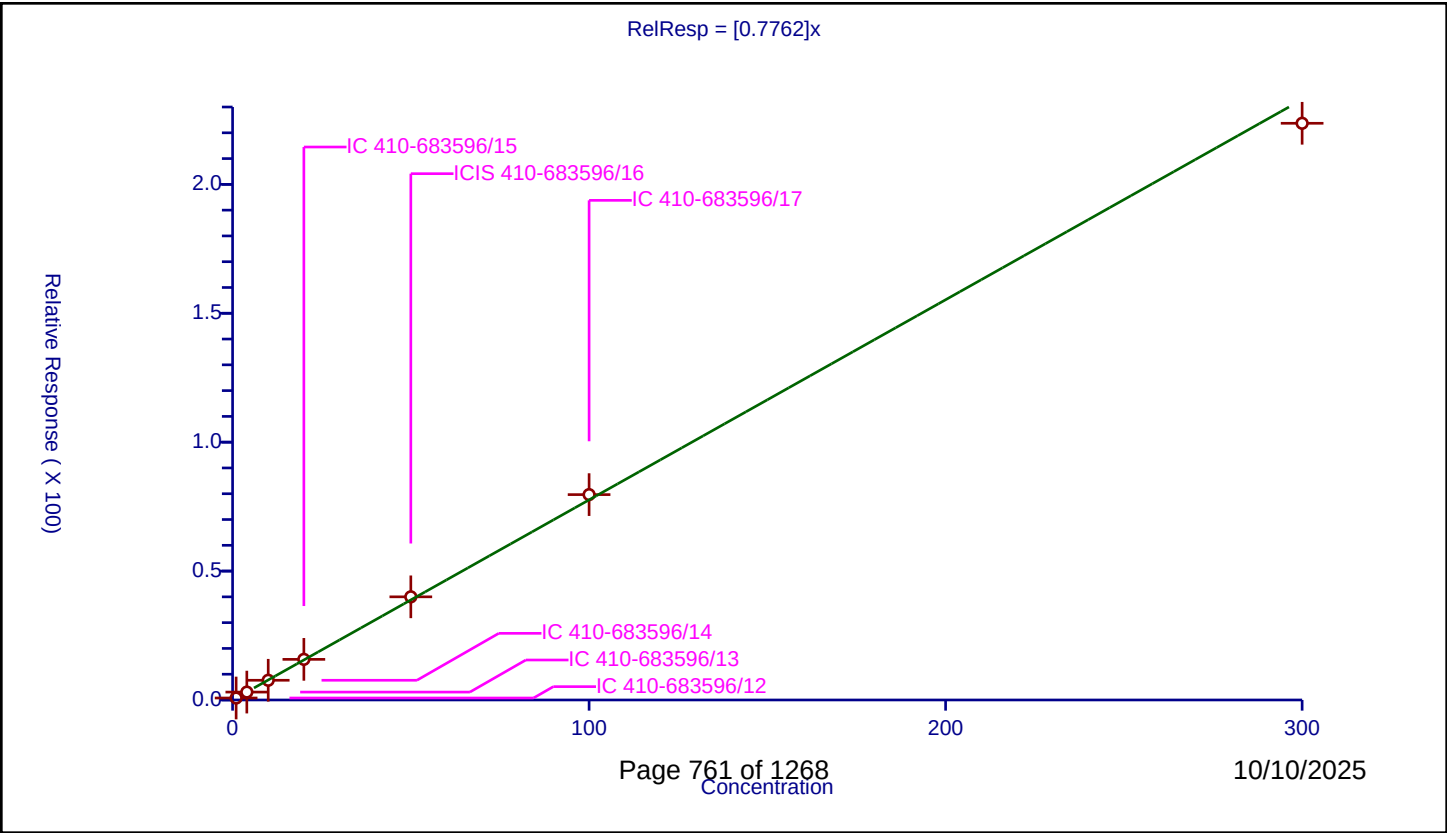
/ Methyl tert-butyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.7762
Error Coefficients	

Relative Standard Deviation: 2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.771531	50.0	1034825.0	0.771531	Y
2	IC 410-683596/13	4.0	3.069143	50.0	1060182.0	0.767286	Y
3	IC 410-683596/14	10.0	7.64593	50.0	1029260.0	0.764593	Y
4	IC 410-683596/15	20.0	15.753014	50.0	1058718.0	0.787651	Y
5	ICIS 410-683596/16	50.0	40.014928	50.0	1071785.0	0.800299	Y
6	IC 410-683596/17	100.0	79.654222	50.0	1063341.0	0.796542	Y
7	IC 410-683596/18	300.0	223.692316	50.0	1117567.0	0.745641	Y



Calibration

/ trans-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

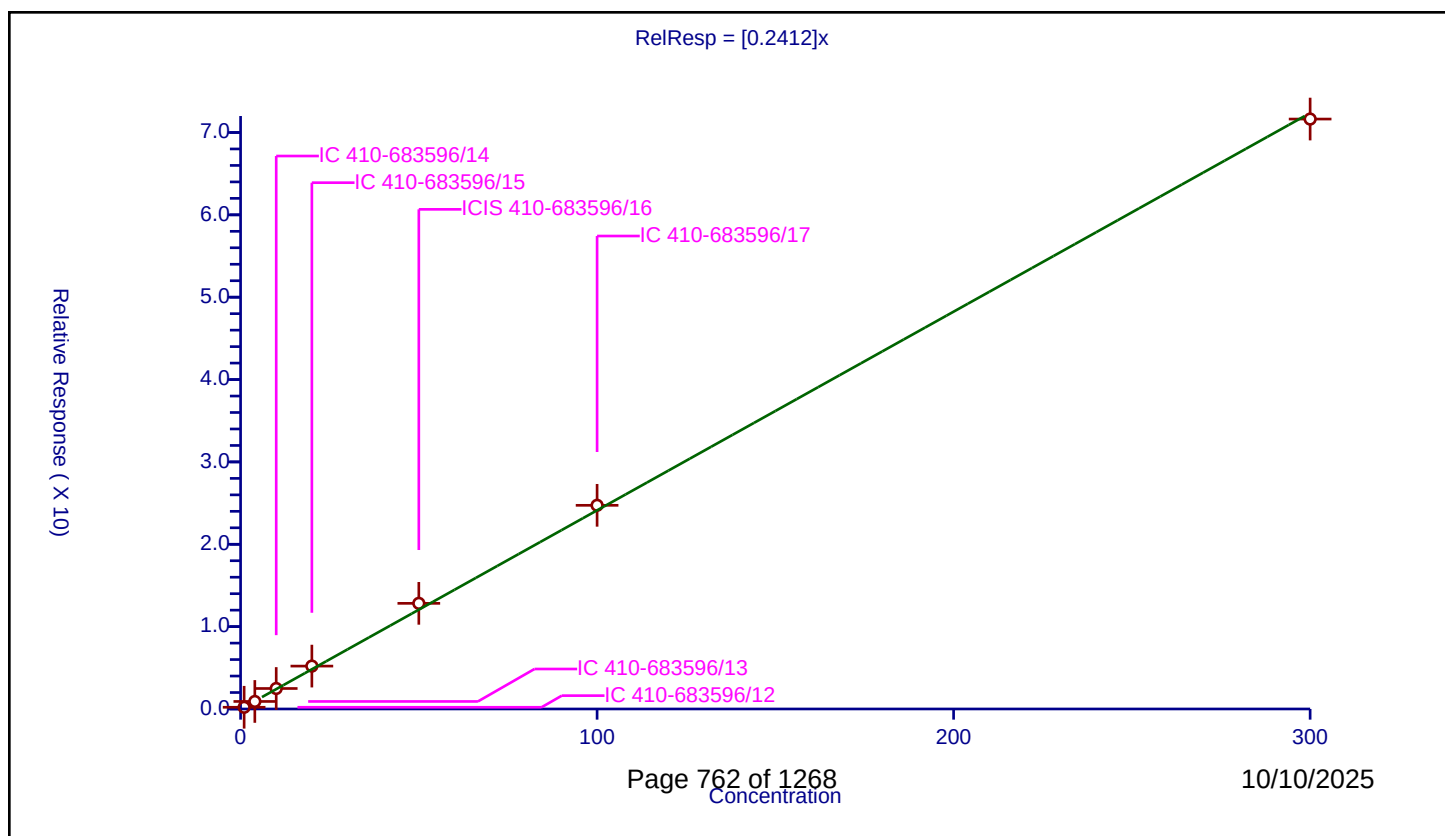
Curve Coefficients

Intercept: 0
Slope: 0.2412

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.207571	50.0	1034825.0	0.207571	Y
2	IC 410-683596/13	4.0	0.915598	50.0	1060182.0	0.228899	Y
3	IC 410-683596/14	10.0	2.489167	50.0	1029260.0	0.248917	Y
4	IC 410-683596/15	20.0	5.209461	50.0	1058718.0	0.260473	Y
5	ICIS 410-683596/16	50.0	12.827479	50.0	1071785.0	0.25655	Y
6	IC 410-683596/17	100.0	24.728004	50.0	1063341.0	0.24728	Y
7	IC 410-683596/18	300.0	71.632215	50.0	1117567.0	0.238774	Y



Calibration

/ Hexane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

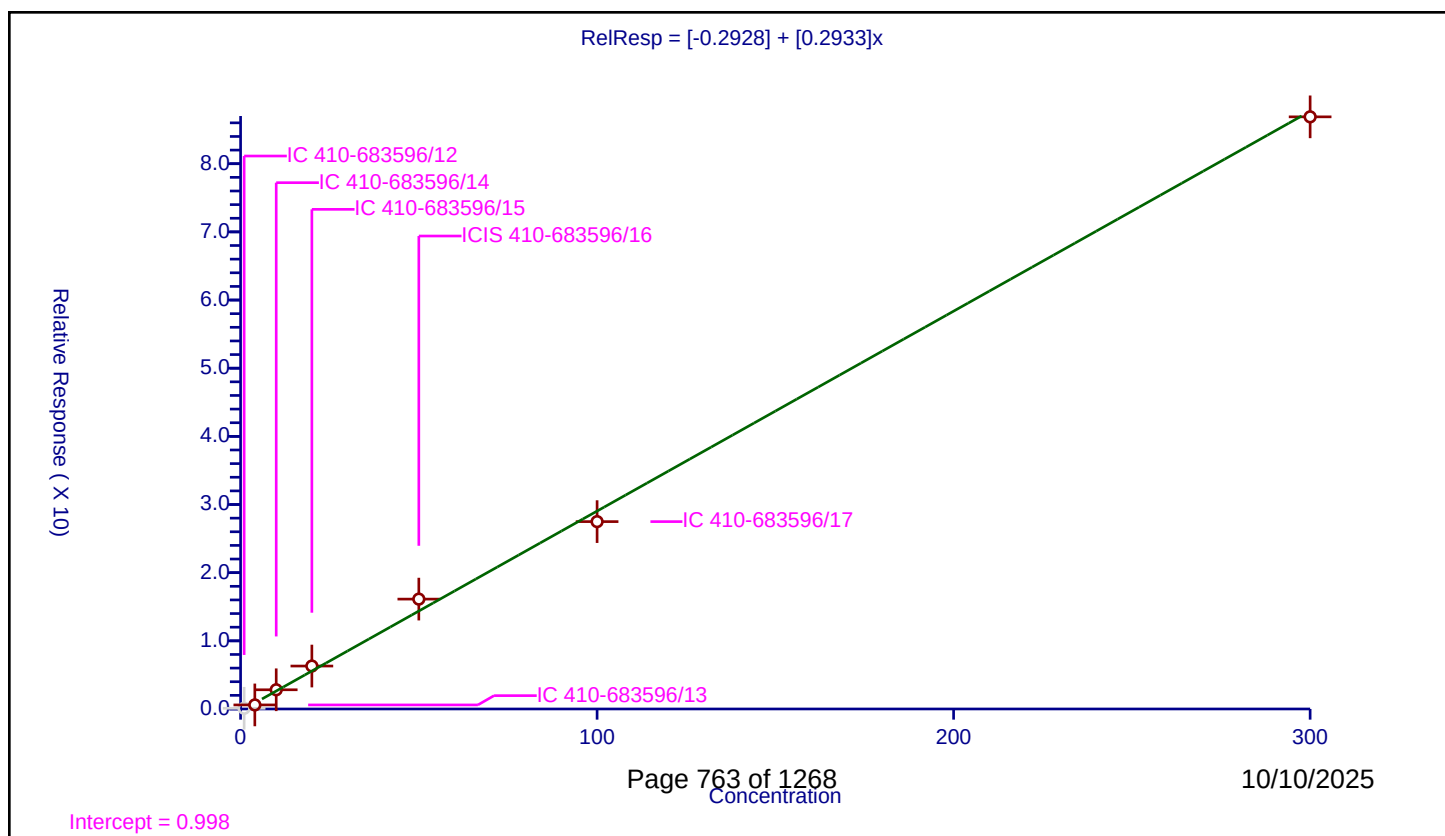
Curve Coefficients

Intercept: -0.2928
Slope: 0.2933

Error Coefficients

Relative Standard Deviation: 15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.102095	50.0	1034825.0	0.102095	N
2	IC 410-683596/13	4.0	0.596831	50.0	1060182.0	0.149208	Y
3	IC 410-683596/14	10.0	2.818773	50.0	1029260.0	0.281877	Y
4	IC 410-683596/15	20.0	6.299364	50.0	1058718.0	0.314968	Y
5	ICIS 410-683596/16	50.0	16.121517	50.0	1071785.0	0.32243	Y
6	IC 410-683596/17	100.0	27.490664	50.0	1063341.0	0.274907	Y
7	IC 410-683596/18	300.0	86.877163	50.0	1117567.0	0.289591	Y



Calibration

/ 1,1-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

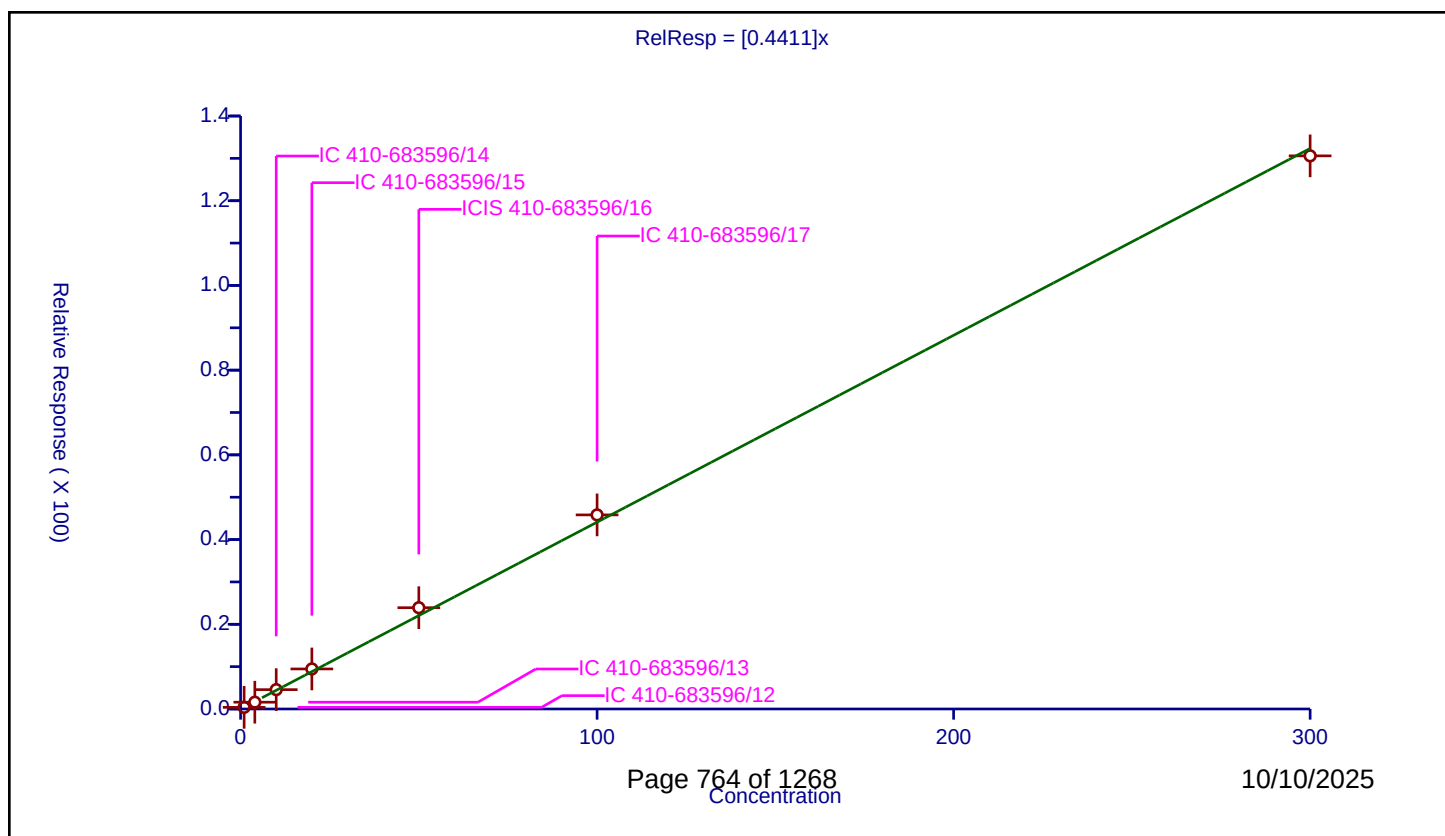
Curve Coefficients

Intercept: 0
Slope: 0.4411

Error Coefficients

Relative Standard Deviation: 8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.385572	50.0	1034825.0	0.385572	Y
2	IC 410-683596/13	4.0	1.603262	50.0	1060182.0	0.400816	Y
3	IC 410-683596/14	10.0	4.570322	50.0	1029260.0	0.457032	Y
4	IC 410-683596/15	20.0	9.454973	50.0	1058718.0	0.472749	Y
5	ICIS 410-683596/16	50.0	23.913331	50.0	1071785.0	0.478267	Y
6	IC 410-683596/17	100.0	45.825657	50.0	1063341.0	0.458257	Y
7	IC 410-683596/18	300.0	130.591991	50.0	1117567.0	0.435307	Y



Calibration

/ Isopropyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

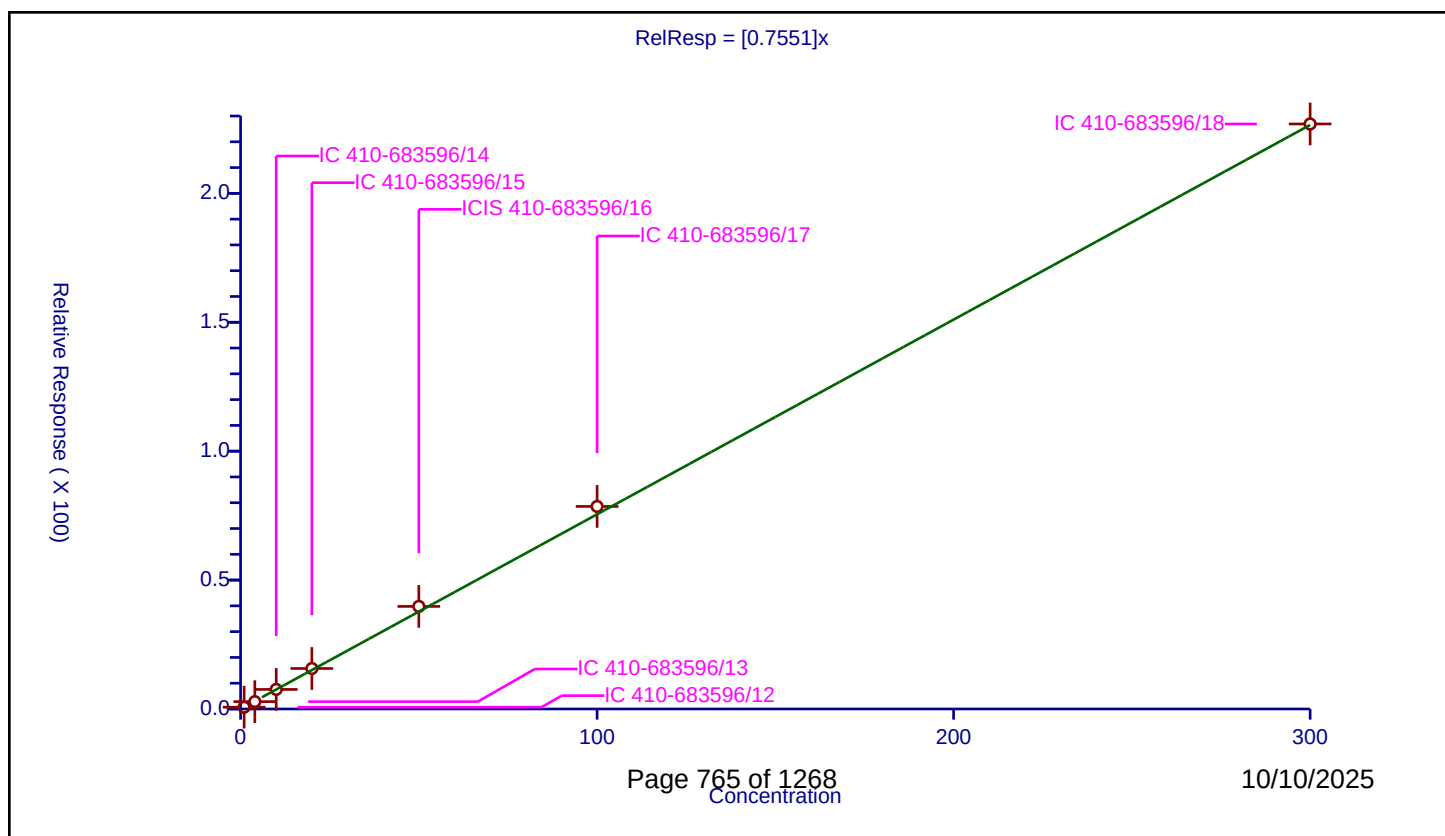
Curve Coefficients

Intercept: 0
Slope: 0.7551

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.693064	50.0	1034825.0	0.693064	Y
2	IC 410-683596/13	4.0	2.846068	50.0	1060182.0	0.711517	Y
3	IC 410-683596/14	10.0	7.584867	50.0	1029260.0	0.758487	Y
4	IC 410-683596/15	20.0	15.701584	50.0	1058718.0	0.785079	Y
5	ICIS 410-683596/16	50.0	39.786011	50.0	1071785.0	0.79572	Y
6	IC 410-683596/17	100.0	78.560499	50.0	1063341.0	0.785605	Y
7	IC 410-683596/18	300.0	226.912794	50.0	1117567.0	0.756376	Y



Calibration

/ 2-Chloro-1,3-butadiene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

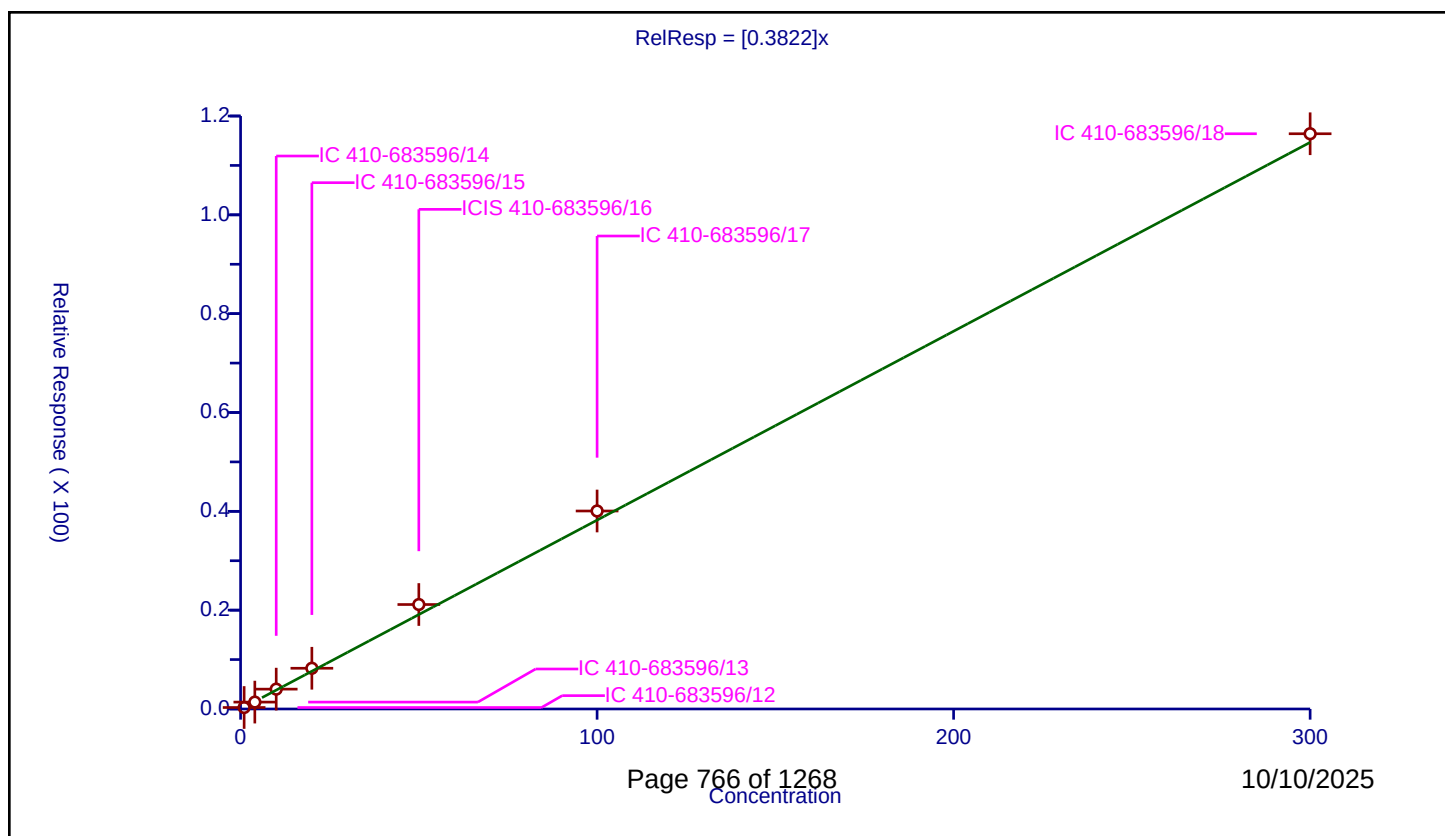
Curve Coefficients

Intercept: 0
Slope: 0.3822

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.301162	50.0	1034825.0	0.301162	Y
2	IC 410-683596/13	4.0	1.396458	50.0	1060182.0	0.349115	Y
3	IC 410-683596/14	10.0	4.015846	50.0	1029260.0	0.401585	Y
4	IC 410-683596/15	20.0	8.24483	50.0	1058718.0	0.412242	Y
5	ICIS 410-683596/16	50.0	21.140854	50.0	1071785.0	0.422817	Y
6	IC 410-683596/17	100.0	40.06725	50.0	1063341.0	0.400673	Y
7	IC 410-683596/18	300.0	116.411947	50.0	1117567.0	0.38804	Y



Calibration

/ Tert-butyl ethyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

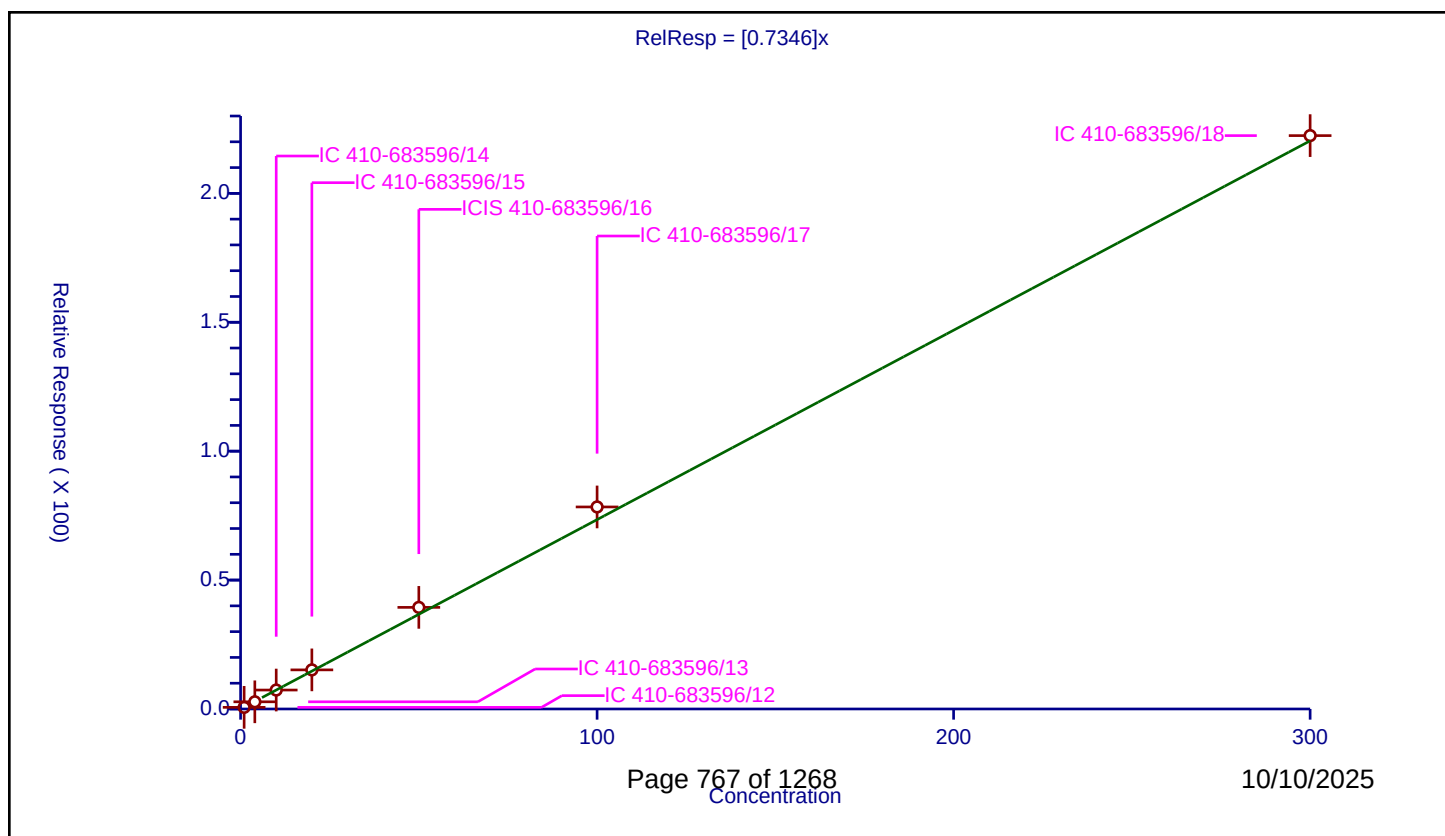
Curve Coefficients

Intercept: 0
Slope: 0.7346

Error Coefficients

Relative Standard Deviation: 7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.640157	50.0	1034825.0	0.640157	Y
2	IC 410-683596/13	4.0	2.782447	50.0	1060182.0	0.695612	Y
3	IC 410-683596/14	10.0	7.347706	50.0	1029260.0	0.734771	Y
4	IC 410-683596/15	20.0	15.16367	50.0	1058718.0	0.758183	Y
5	ICIS 410-683596/16	50.0	39.415368	50.0	1071785.0	0.788307	Y
6	IC 410-683596/17	100.0	78.363808	50.0	1063341.0	0.783638	Y
7	IC 410-683596/18	300.0	222.402326	50.0	1117567.0	0.741341	Y



Calibration

/ 2-Butanone (MEK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

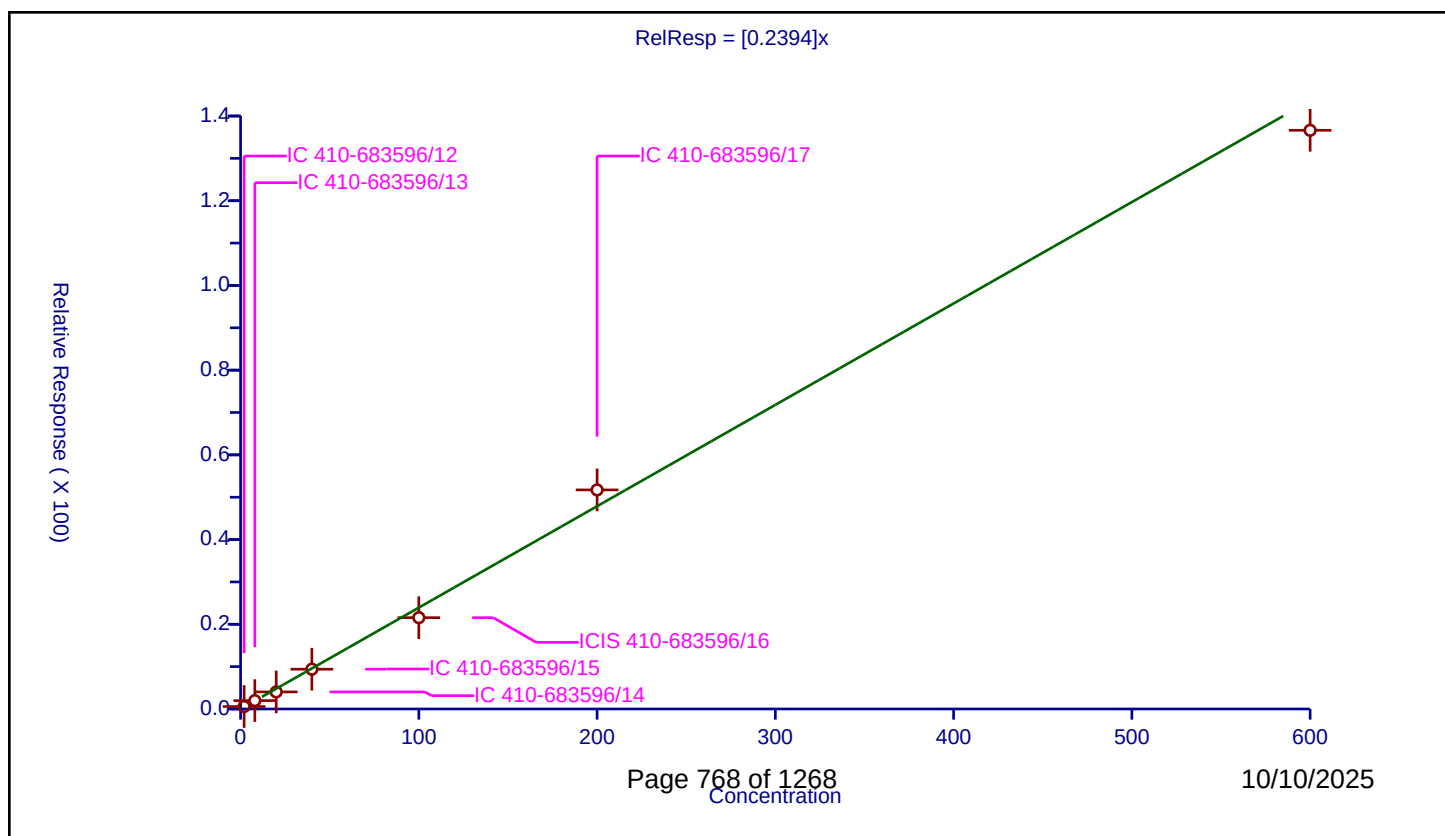
Curve Coefficients

Intercept: 0
Slope: 0.2394

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.579373	50.0	1034825.0	0.289687	Y
2	IC 410-683596/13	8.0	1.980698	50.0	1060182.0	0.247587	Y
3	IC 410-683596/14	20.0	4.030954	50.0	1029260.0	0.201548	Y
4	IC 410-683596/15	40.0	9.387722	50.0	1058718.0	0.234693	Y
5	ICIS 410-683596/16	100.0	21.561227	50.0	1071785.0	0.215612	Y
6	IC 410-683596/17	200.0	51.724235	50.0	1063341.0	0.258621	Y
7	IC 410-683596/18	600.0	136.622592	50.0	1117567.0	0.227704	Y



Calibration

/ cis-1,2-Dichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

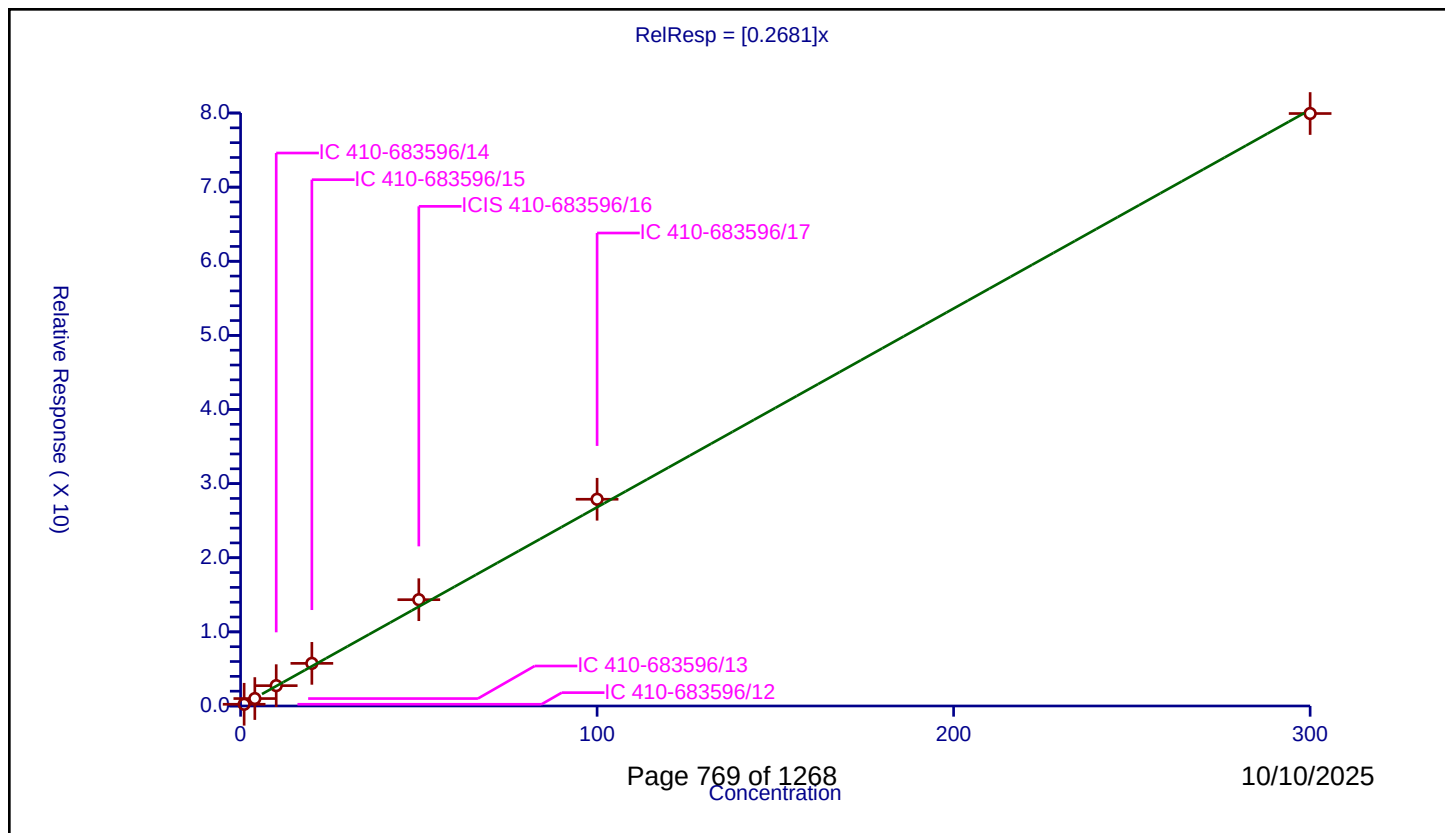
Curve Coefficients

Intercept: 0
Slope: 0.2681

Error Coefficients

Relative Standard Deviation: 7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.231827	50.0	1034825.0	0.231827	Y
2	IC 410-683596/13	4.0	1.003318	50.0	1060182.0	0.25083	Y
3	IC 410-683596/14	10.0	2.742893	50.0	1029260.0	0.274289	Y
4	IC 410-683596/15	20.0	5.751012	50.0	1058718.0	0.287551	Y
5	ICIS 410-683596/16	50.0	14.343922	50.0	1071785.0	0.286878	Y
6	IC 410-683596/17	100.0	27.89063	50.0	1063341.0	0.278906	Y
7	IC 410-683596/18	300.0	79.93297	50.0	1117567.0	0.266443	Y



Calibration

/ 2,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

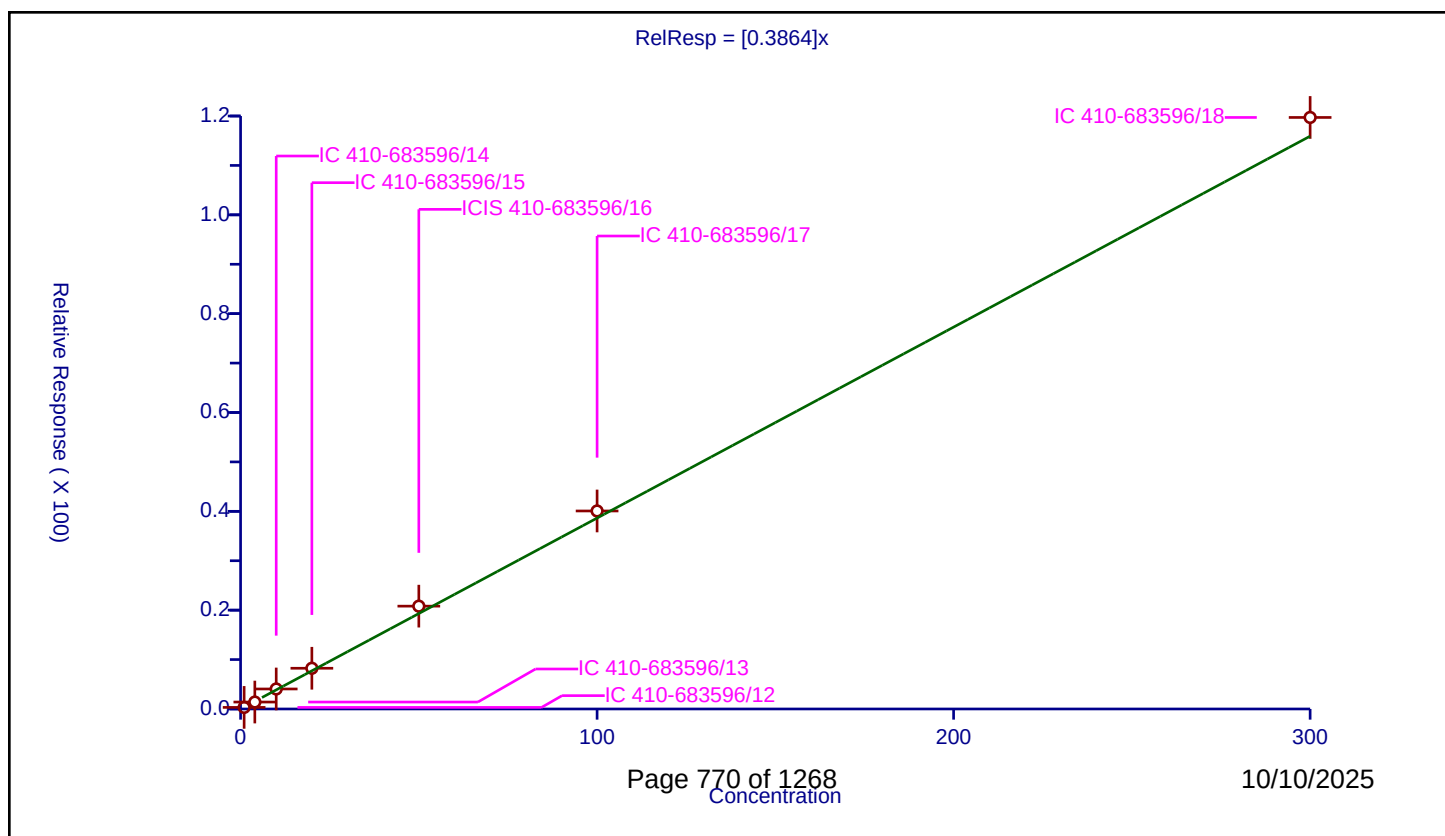
Curve Coefficients

Intercept: 0
Slope: 0.3864

Error Coefficients

Relative Standard Deviation: 9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.320344	50.0	1034825.0	0.320344	Y
2	IC 410-683596/13	4.0	1.405136	50.0	1060182.0	0.351284	Y
3	IC 410-683596/14	10.0	4.051503	50.0	1029260.0	0.40515	Y
4	IC 410-683596/15	20.0	8.240863	50.0	1058718.0	0.412043	Y
5	ICIS 410-683596/16	50.0	20.811777	50.0	1071785.0	0.416236	Y
6	IC 410-683596/17	100.0	40.074586	50.0	1063341.0	0.400746	Y
7	IC 410-683596/18	300.0	119.709825	50.0	1117567.0	0.399033	Y



Calibration

/ Propionitrile

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

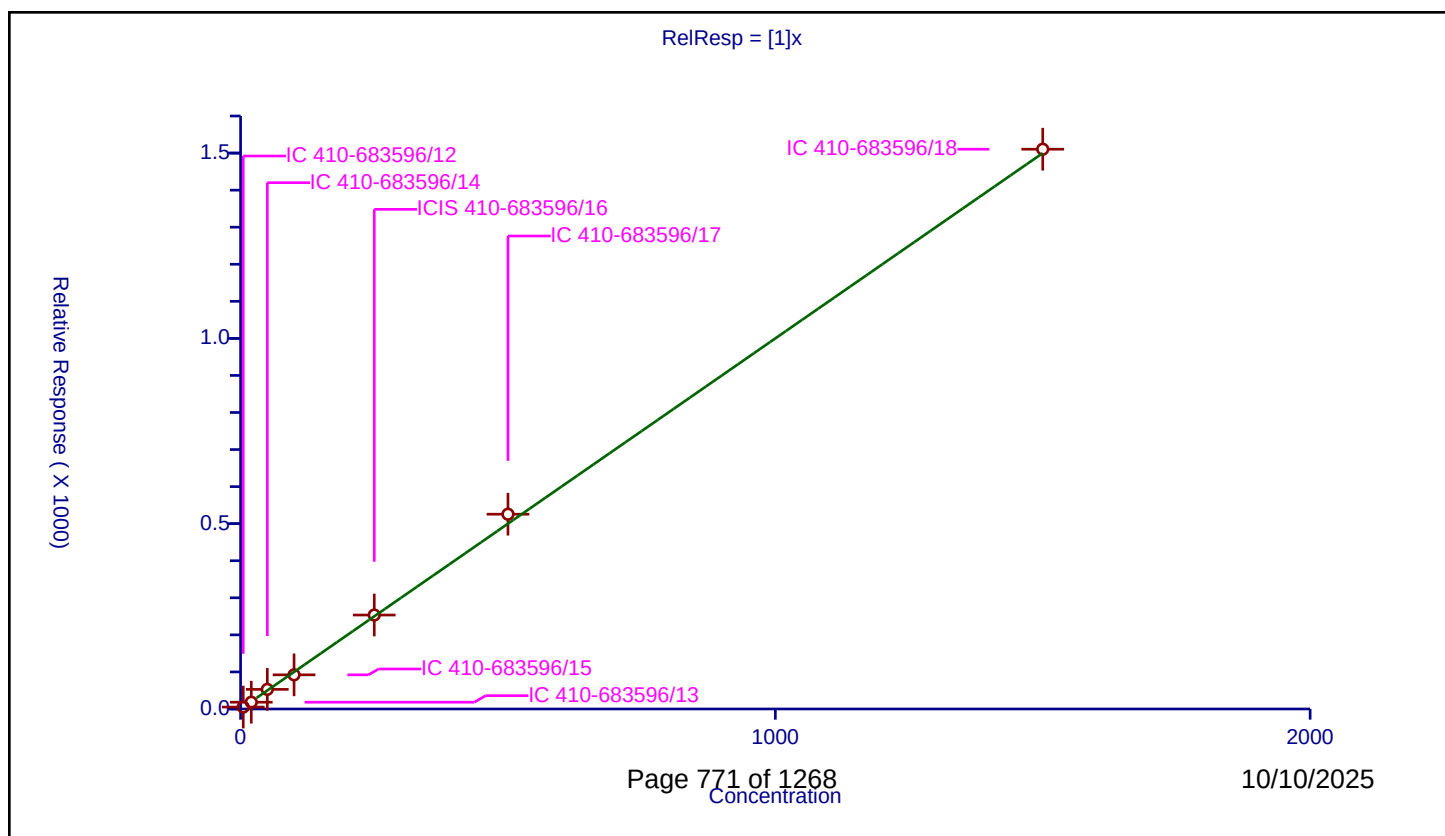
Curve Coefficients

Intercept: 0
Slope: 1

Error Coefficients

Relative Standard Deviation: 5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	5.156538	250.0	363713.0	1.031308	Y
2	IC 410-683596/13	20.0	18.325467	250.0	392814.0	0.916273	Y
3	IC 410-683596/14	50.0	52.915096	250.0	353316.0	1.058302	Y
4	IC 410-683596/15	100.0	92.170399	250.0	387044.0	0.921704	Y
5	ICIS 410-683596/16	250.0	253.510247	250.0	357311.0	1.014041	Y
6	IC 410-683596/17	500.0	525.572508	250.0	371043.0	1.051145	Y
7	IC 410-683596/18	1500.0	1510.398641	250.0	368101.0	1.006932	Y



Calibration

/ Methyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

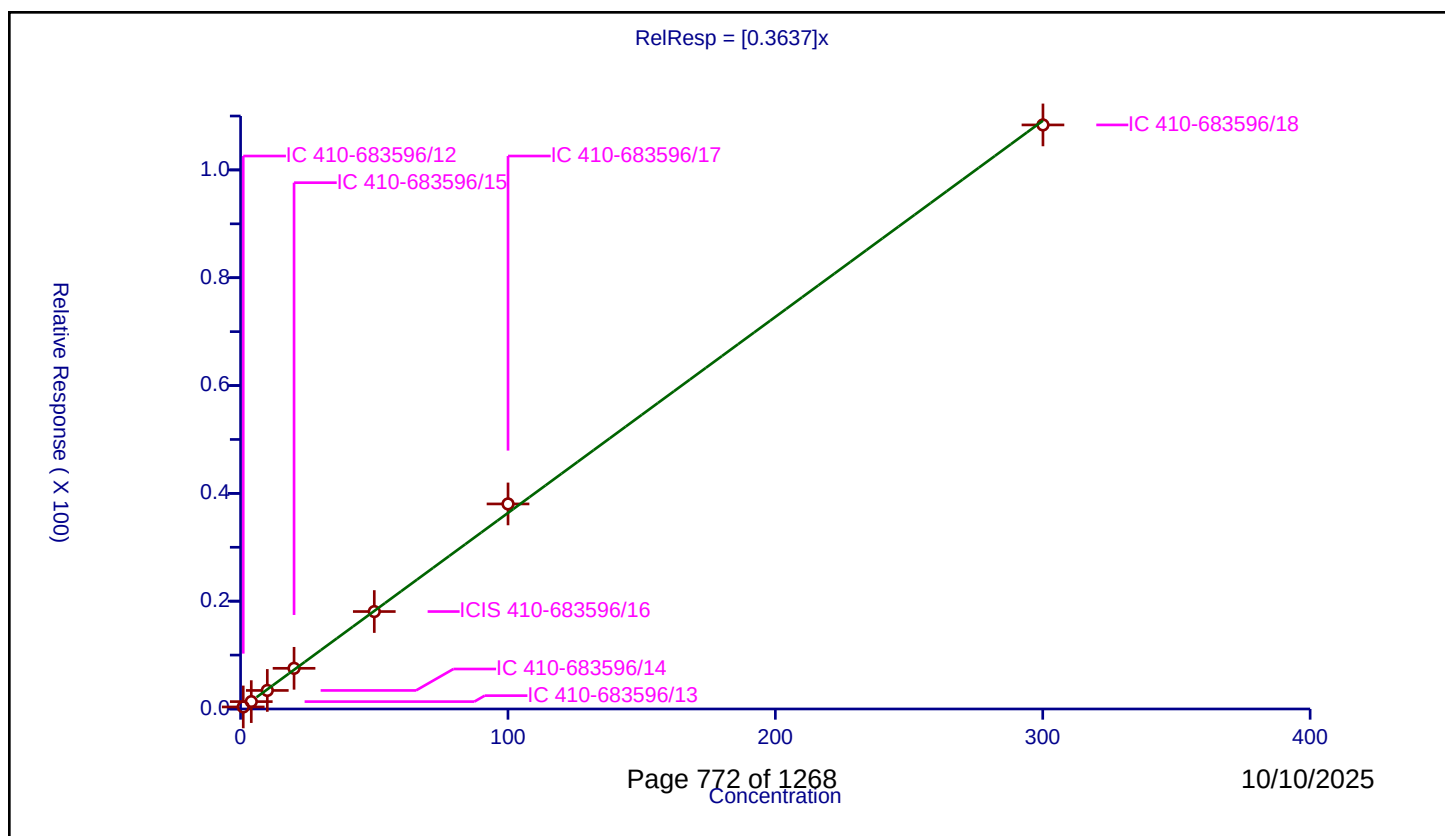
Curve Coefficients

Intercept: 0
Slope: 0.3637

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.000283	0.380596	50.0	1034825.0	0.380488	Y
2	IC 410-683596/13	4.001132	1.365662	50.0	1060182.0	0.341319	Y
3	IC 410-683596/14	10.00283	3.442182	50.0	1029260.0	0.344121	Y
4	IC 410-683596/15	20.00566	7.544124	50.0	1058718.0	0.377099	Y
5	ICIS 410-683596/16	50.01415	18.07564	50.0	1071785.0	0.361411	Y
6	IC 410-683596/17	100.0283	38.037657	50.0	1063341.0	0.380269	Y
7	IC 410-683596/18	300.0849	108.346524	50.0	1117567.0	0.361053	Y



Calibration

/ Methacrylonitrile

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

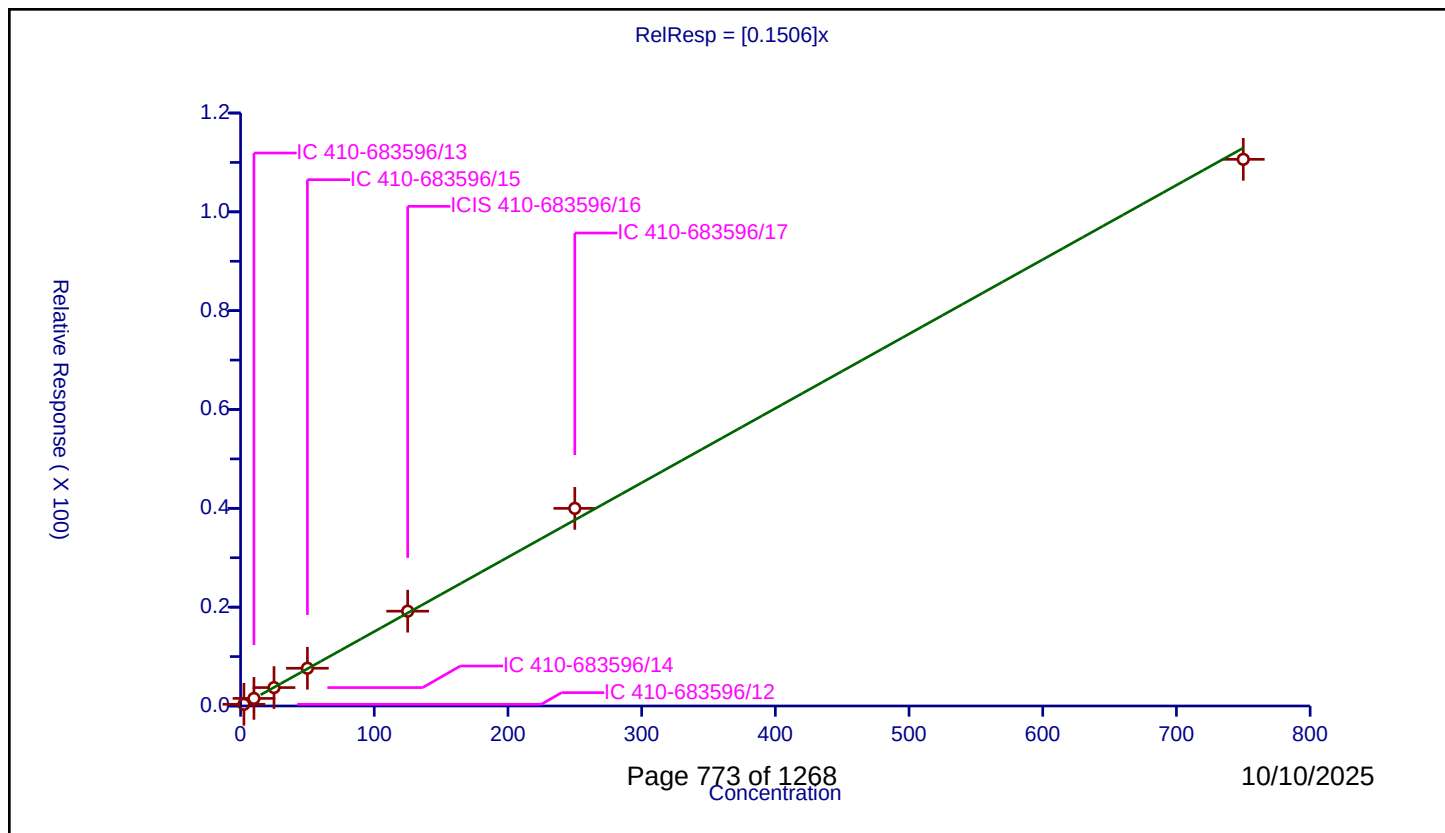
Curve Coefficients

Intercept: 0
 Slope: 0.1506

Error Coefficients

Relative Standard Deviation: 4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.5	0.345083	50.0	1034825.0	0.138033	Y
2	IC 410-683596/13	10.0	1.532567	50.0	1060182.0	0.153257	Y
3	IC 410-683596/14	25.0	3.724958	50.0	1029260.0	0.148998	Y
4	IC 410-683596/15	50.0	7.637586	50.0	1058718.0	0.152752	Y
5	ICIS 410-683596/16	125.0	19.185098	50.0	1071785.0	0.153481	Y
6	IC 410-683596/17	250.0	39.990511	50.0	1063341.0	0.159962	Y
7	IC 410-683596/18	750.0	110.624956	50.0	1117567.0	0.1475	Y



Calibration

/ Chlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

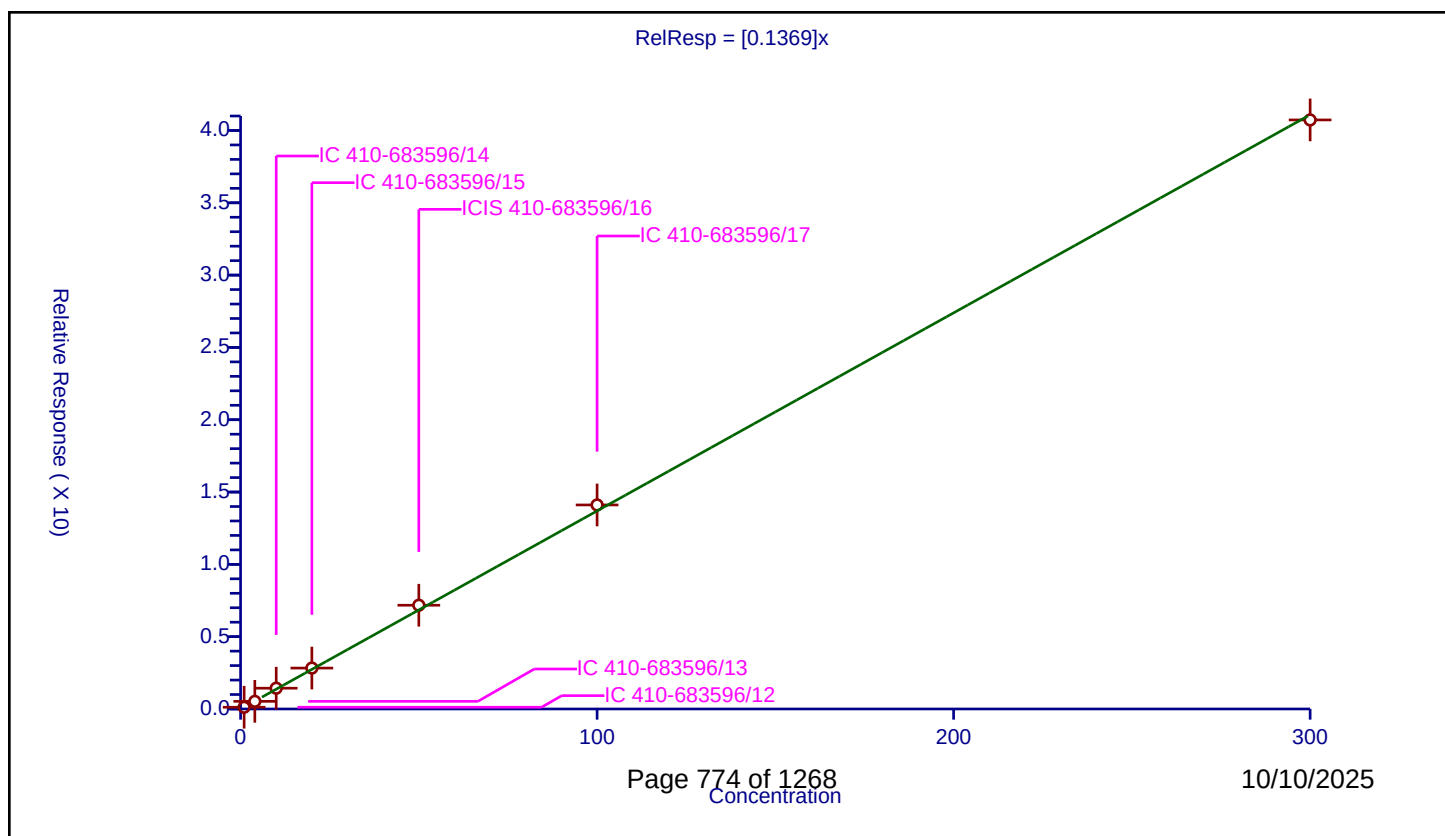
Curve Coefficients

Intercept: 0
Slope: 0.1369

Error Coefficients

Relative Standard Deviation: 6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.120938	50.0	1034825.0	0.120938	Y
2	IC 410-683596/13	4.0	0.528447	50.0	1060182.0	0.132112	Y
3	IC 410-683596/14	10.0	1.437586	50.0	1029260.0	0.143759	Y
4	IC 410-683596/15	20.0	2.829554	50.0	1058718.0	0.141478	Y
5	ICIS 410-683596/16	50.0	7.17378	50.0	1071785.0	0.143476	Y
6	IC 410-683596/17	100.0	14.108362	50.0	1063341.0	0.141084	Y
7	IC 410-683596/18	300.0	40.729594	50.0	1117567.0	0.135765	Y



Calibration

/ Tetrahydrofuran

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

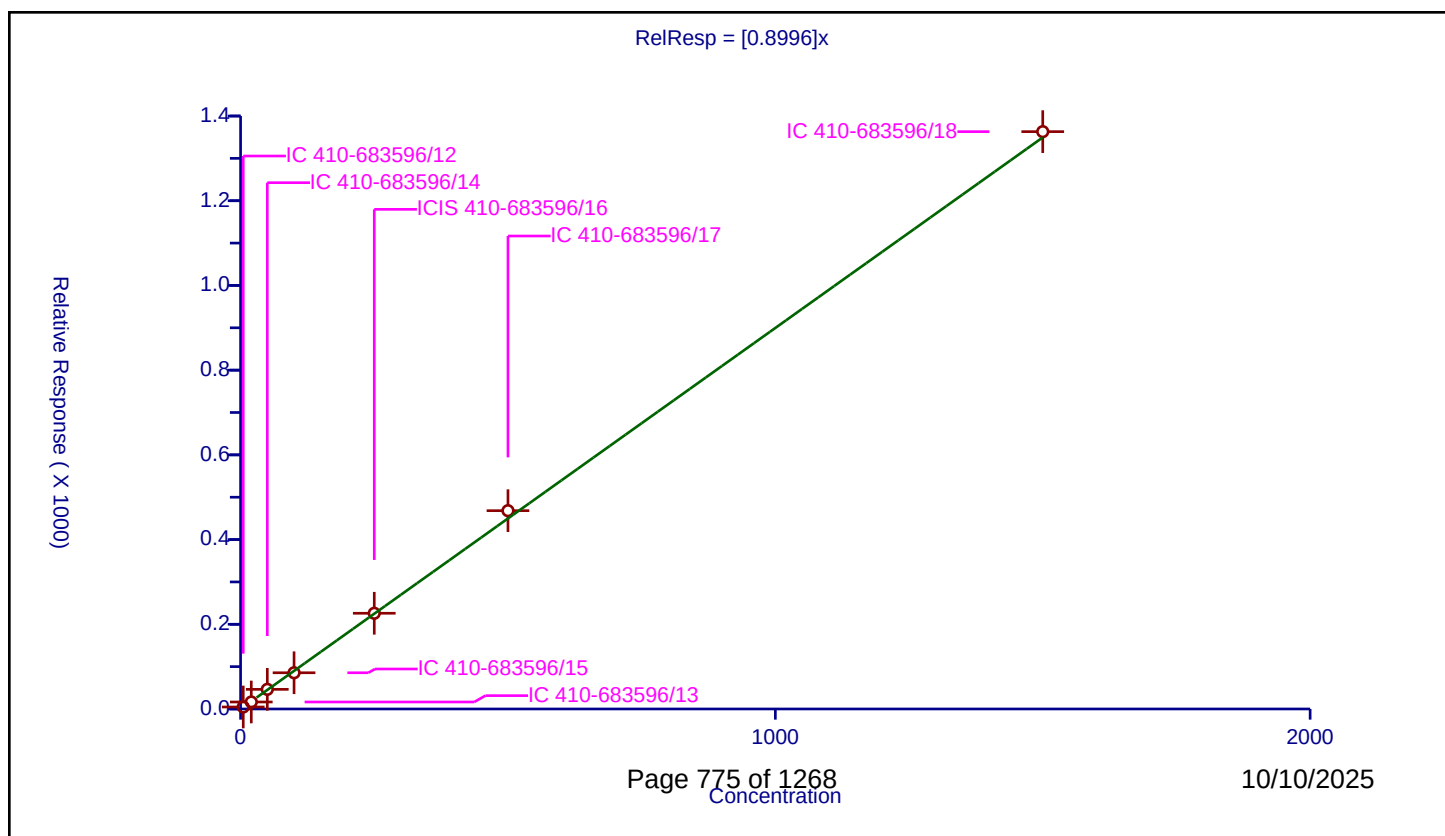
Curve Coefficients

Intercept: 0
Slope: 0.8996

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	4.699447	250.0	363713.0	0.939889	Y
2	IC 410-683596/13	20.0	16.52436	250.0	392814.0	0.826218	Y
3	IC 410-683596/14	50.0	46.36218	250.0	353316.0	0.927244	Y
4	IC 410-683596/15	100.0	85.503199	250.0	387044.0	0.855032	Y
5	ICIS 410-683596/16	250.0	225.971912	250.0	357311.0	0.903888	Y
6	IC 410-683596/17	500.0	468.169457	250.0	371043.0	0.936339	Y
7	IC 410-683596/18	1500.0	1363.088527	250.0	368101.0	0.908726	Y



Calibration

/ Chloroform

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

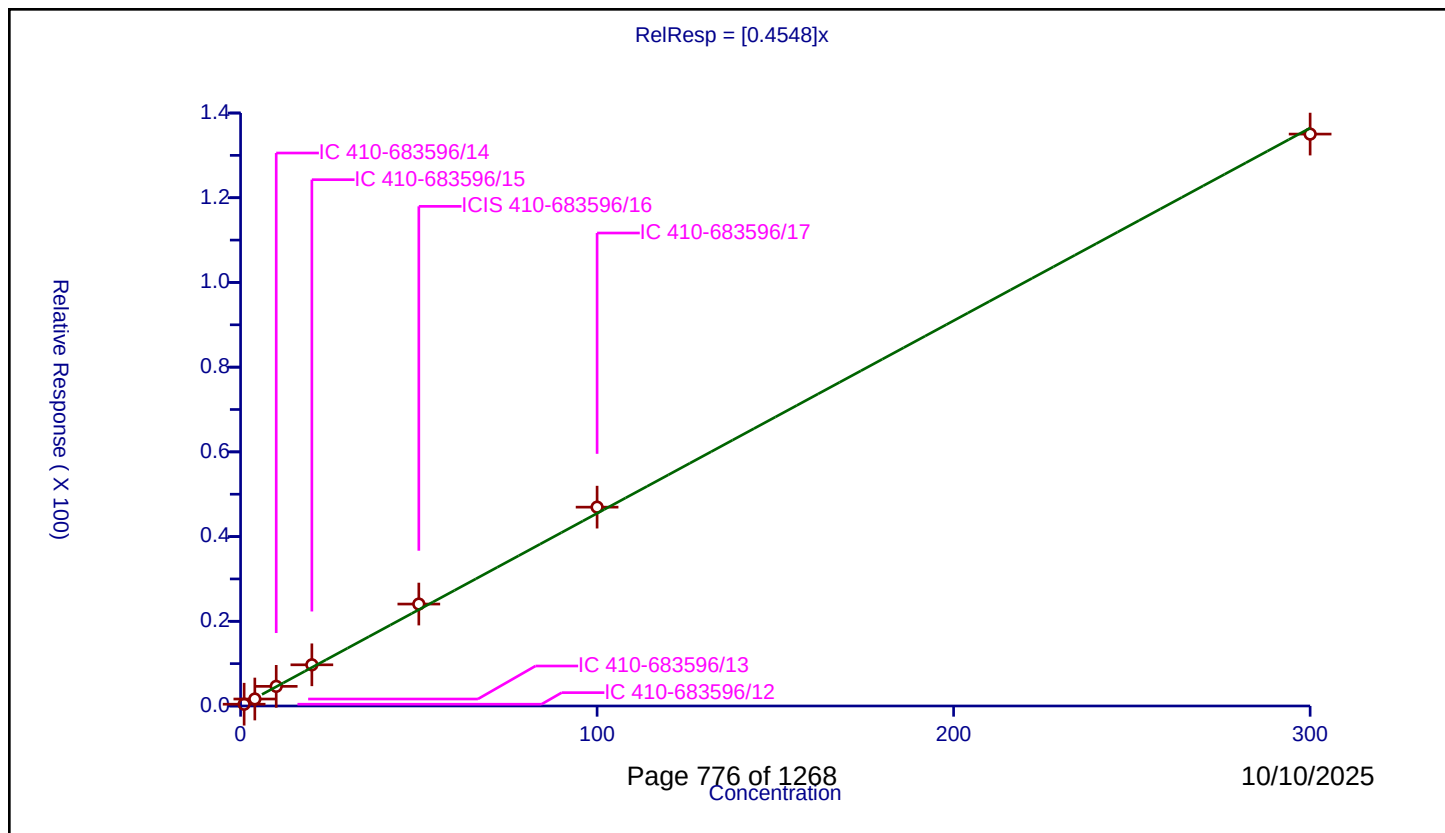
Curve Coefficients

Intercept: 0
Slope: 0.4548

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.421086	50.0	1034825.0	0.421086	Y
2	IC 410-683596/13	4.0	1.646651	50.0	1060182.0	0.411663	Y
3	IC 410-683596/14	10.0	4.638381	50.0	1029260.0	0.463838	Y
4	IC 410-683596/15	20.0	9.72615	50.0	1058718.0	0.486307	Y
5	ICIS 410-683596/16	50.0	24.06798	50.0	1071785.0	0.48136	Y
6	IC 410-683596/17	100.0	46.943784	50.0	1063341.0	0.469438	Y
7	IC 410-683596/18	300.0	135.023761	50.0	1117567.0	0.450079	Y



Calibration

/ 1,1,1-Trichloroethane

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

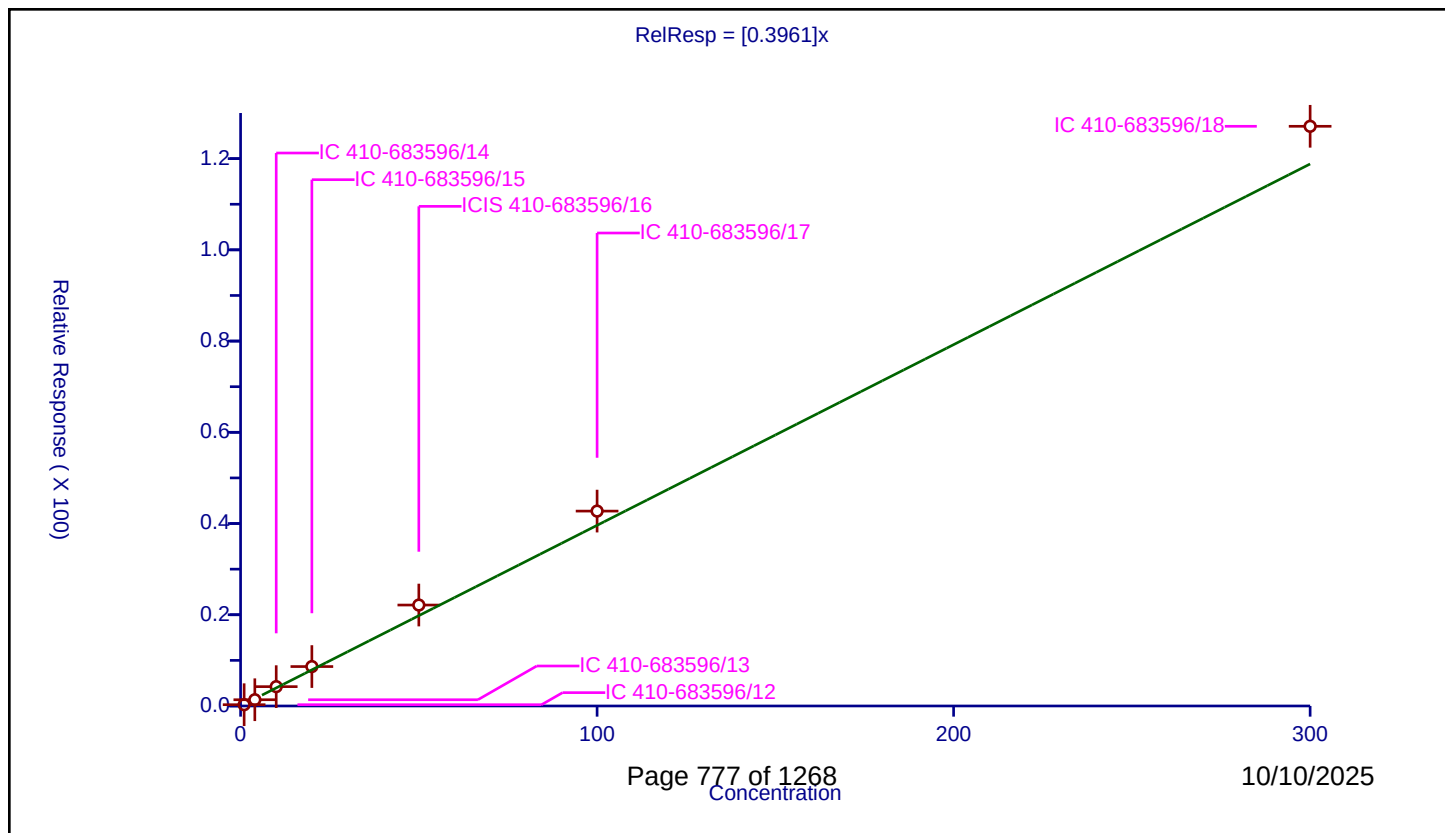
Curve Coefficients

Intercept: 0
 Slope: 0.3961

Error Coefficients

Relative Standard Deviation: 15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.281014	50.0	1034825.0	0.281014	Y
2	IC 410-683596/13	4.0	1.368067	50.0	1060182.0	0.342017	Y
3	IC 410-683596/14	10.0	4.239356	50.0	1029260.0	0.423936	Y
4	IC 410-683596/15	20.0	8.643095	50.0	1058718.0	0.432155	Y
5	ICIS 410-683596/16	50.0	22.129998	50.0	1071785.0	0.4426	Y
6	IC 410-683596/17	100.0	42.727545	50.0	1063341.0	0.427275	Y
7	IC 410-683596/18	300.0	127.090322	50.0	1117567.0	0.423634	Y



Calibration

/ Dibromofluoromethane (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

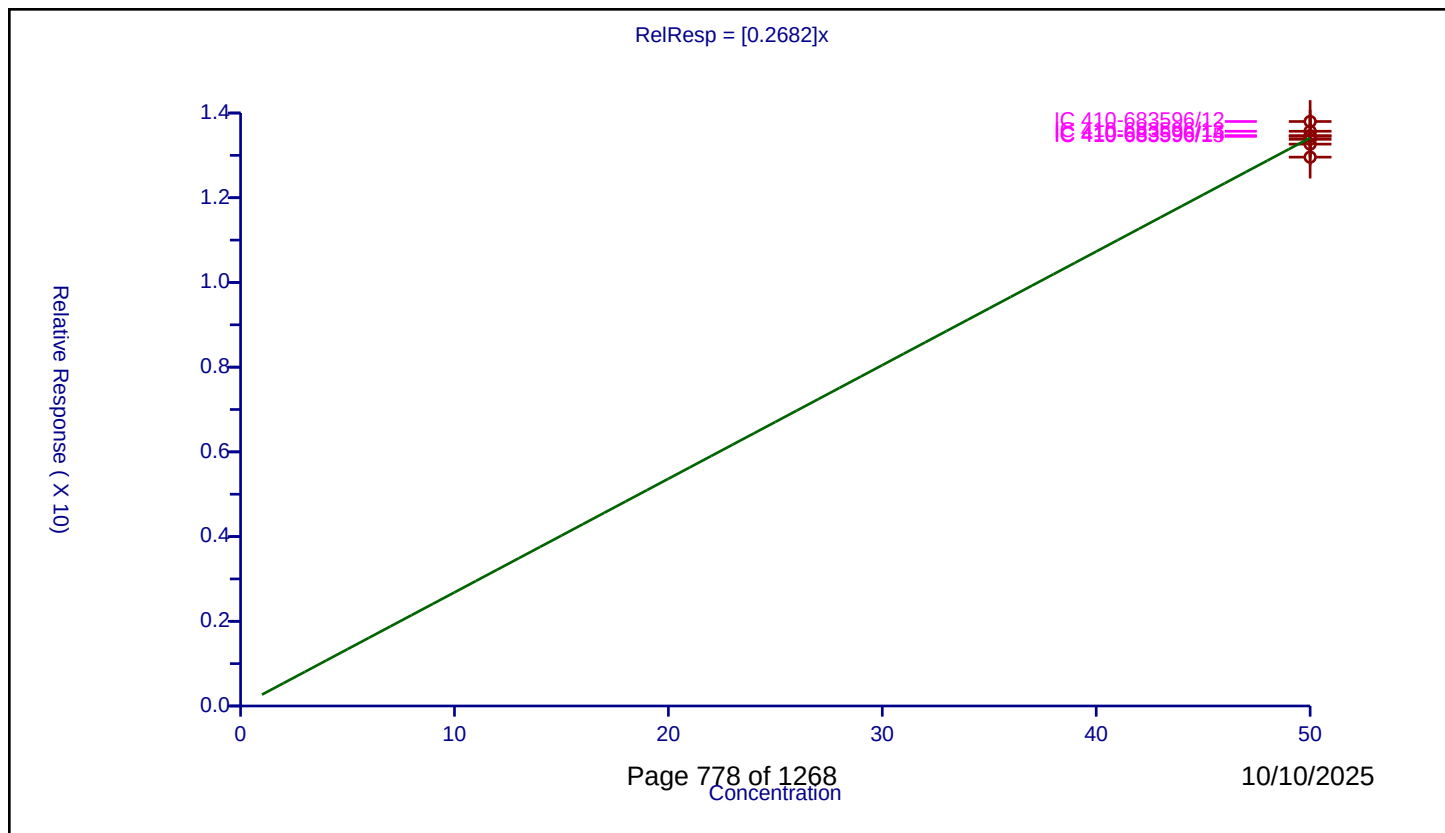
Curve Coefficients

Intercept: 0
 Slope: 0.2682

Error Coefficients

Relative Standard Deviation: 1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	13.800014	50.0	1034825.0	0.276	Y
2	IC 410-683596/13	50.0	13.569321	50.0	1060182.0	0.271386	Y
3	IC 410-683596/14	50.0	13.466957	50.0	1029260.0	0.269339	Y
4	IC 410-683596/15	50.0	13.44801	50.0	1058718.0	0.26896	Y
5	ICIS 410-683596/16	50.0	13.265487	50.0	1071785.0	0.26531	Y
6	IC 410-683596/17	50.0	13.379386	50.0	1063341.0	0.267588	Y
7	IC 410-683596/18	50.0	12.957791	50.0	1117567.0	0.259156	Y



Calibration

/ Cyclohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

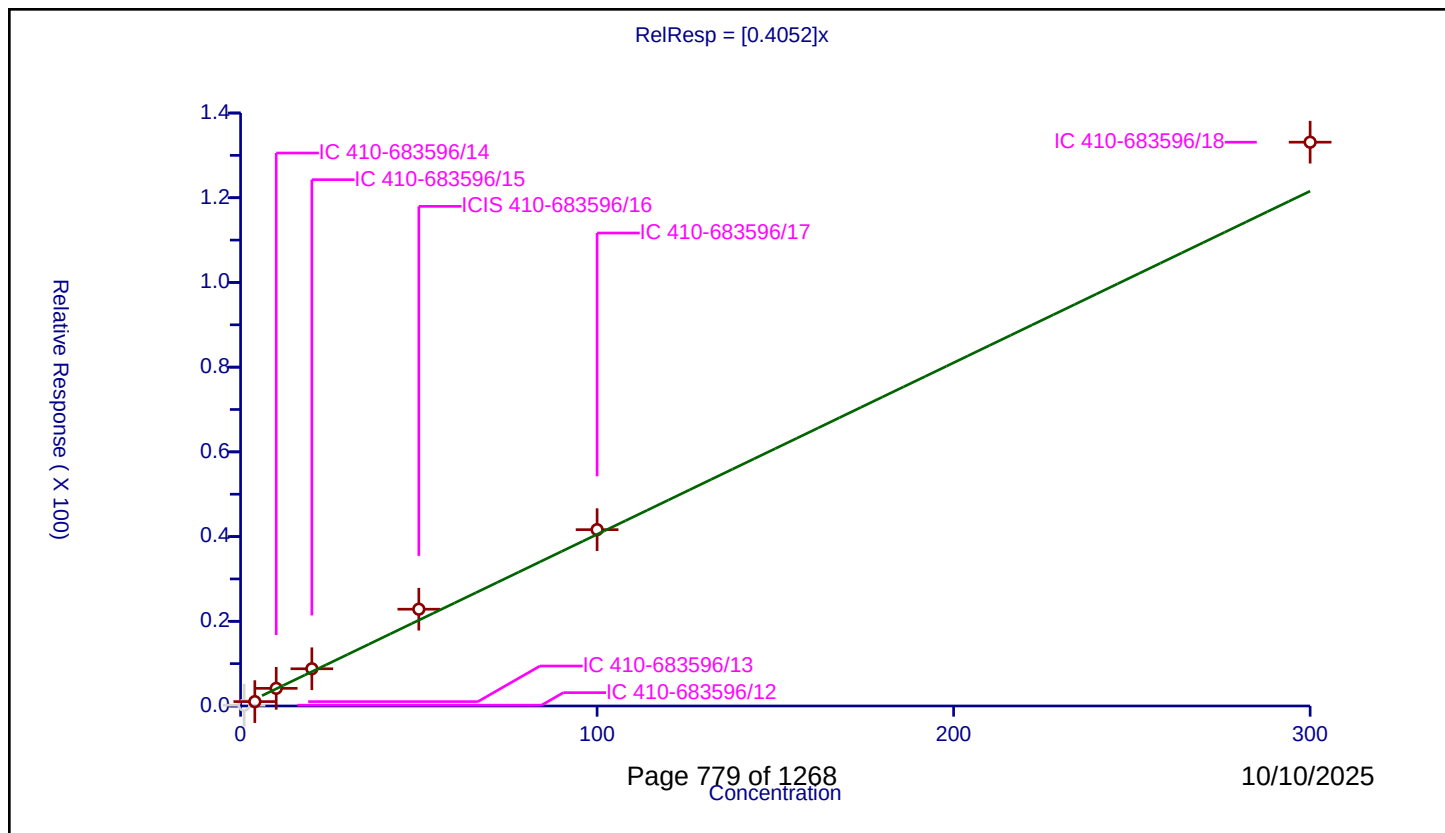
Curve Coefficients

Intercept: 0
Slope: 0.4052

Error Coefficients

Relative Standard Deviation: 18.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.193849	50.0	1034825.0	0.193849	N
2	IC 410-683596/13	4.0	1.033125	50.0	1060182.0	0.258281	Y
3	IC 410-683596/14	10.0	4.164303	50.0	1029260.0	0.41643	Y
4	IC 410-683596/15	20.0	8.788648	50.0	1058718.0	0.439432	Y
5	ICIS 410-683596/16	50.0	22.848892	50.0	1071785.0	0.456978	Y
6	IC 410-683596/17	100.0	41.633446	50.0	1063341.0	0.416334	Y
7	IC 410-683596/18	300.0	133.112422	50.0	1117567.0	0.443708	Y



Calibration

/ Carbon tetrachloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

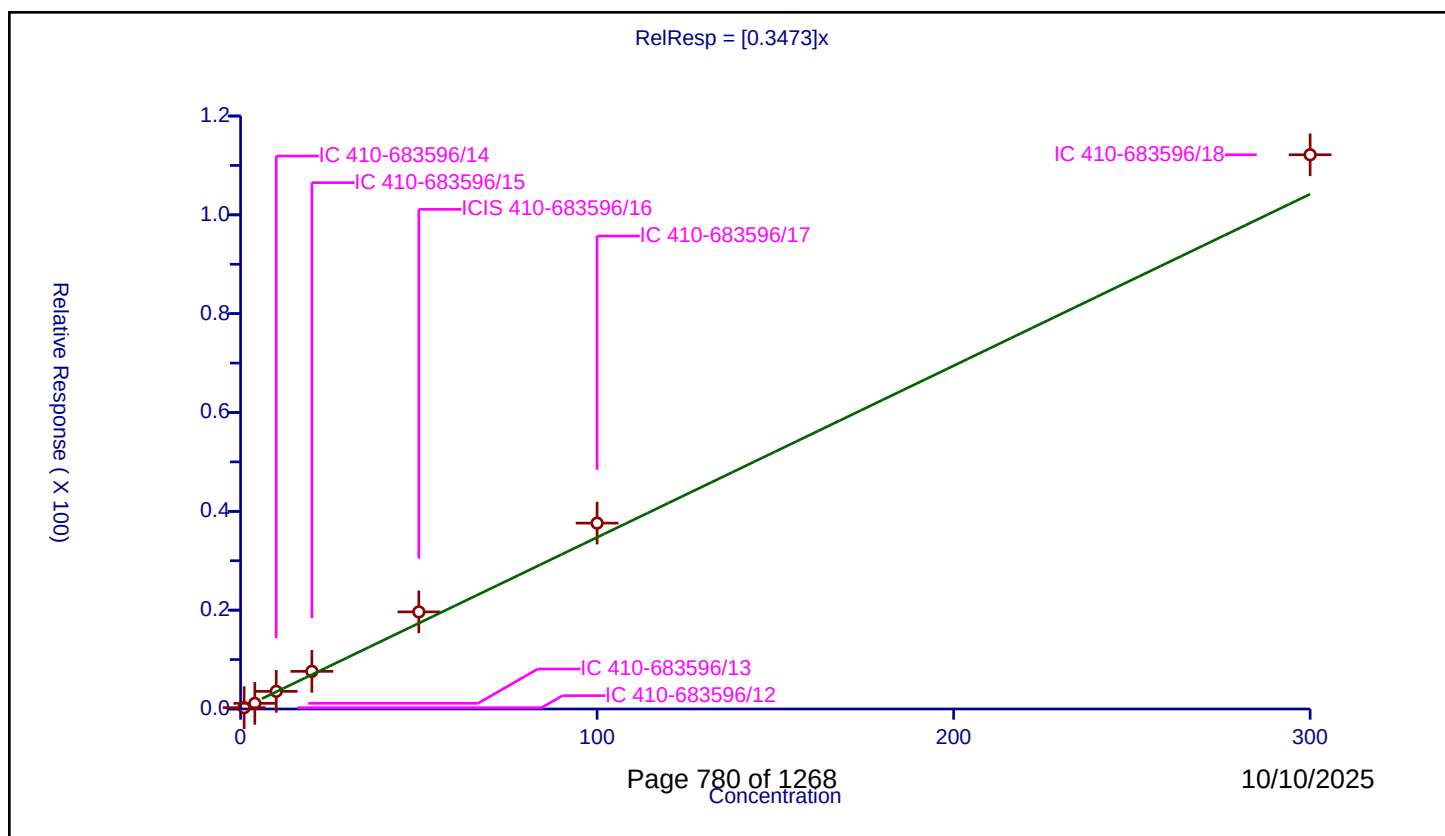
Curve Coefficients

Intercept: 0
Slope: 0.3473

Error Coefficients

Relative Standard Deviation: 14.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.264972	50.0	1034825.0	0.264972	Y
2	IC 410-683596/13	4.0	1.141832	50.0	1060182.0	0.285458	Y
3	IC 410-683596/14	10.0	3.568632	50.0	1029260.0	0.356863	Y
4	IC 410-683596/15	20.0	7.617893	50.0	1058718.0	0.380895	Y
5	ICIS 410-683596/16	50.0	19.648764	50.0	1071785.0	0.392975	Y
6	IC 410-683596/17	100.0	37.614321	50.0	1063341.0	0.376143	Y
7	IC 410-683596/18	300.0	112.157884	50.0	1117567.0	0.37386	Y

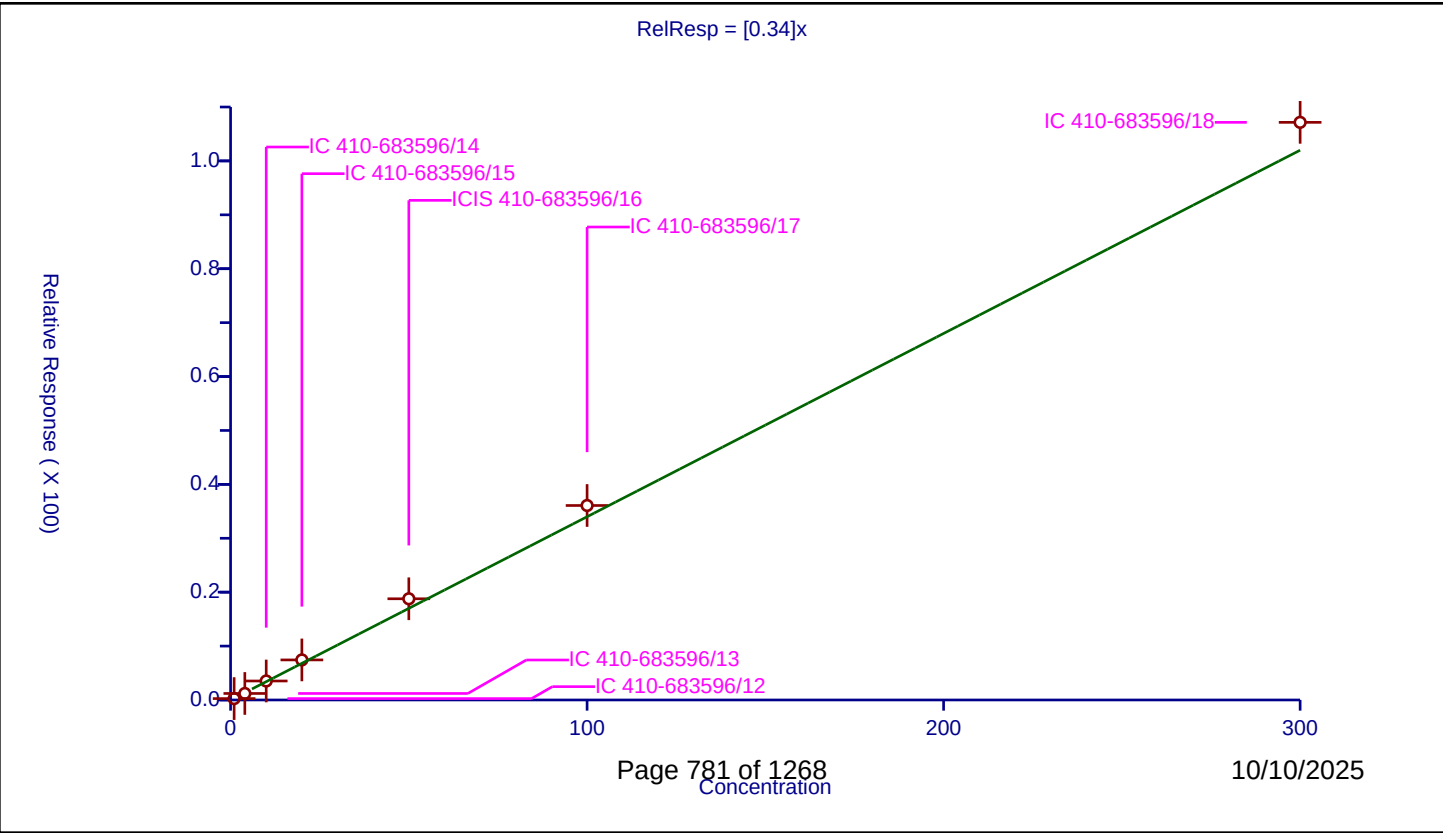


Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.34
Error Coefficients	

Relative Standard Deviation: 12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.260189	50.0	1034825.0	0.260189	Y
2	IC 410-683596/13	4.0	1.207623	50.0	1060182.0	0.301906	Y
3	IC 410-683596/14	10.0	3.524668	50.0	1029260.0	0.352467	Y
4	IC 410-683596/15	20.0	7.434699	50.0	1058718.0	0.371735	Y
5	ICIS 410-683596/16	50.0	18.773495	50.0	1071785.0	0.37547	Y
6	IC 410-683596/17	100.0	36.078314	50.0	1063341.0	0.360783	Y
7	IC 410-683596/18	300.0	107.15362	50.0	1117567.0	0.357179	Y



Calibration

/ Isobutyl alcohol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

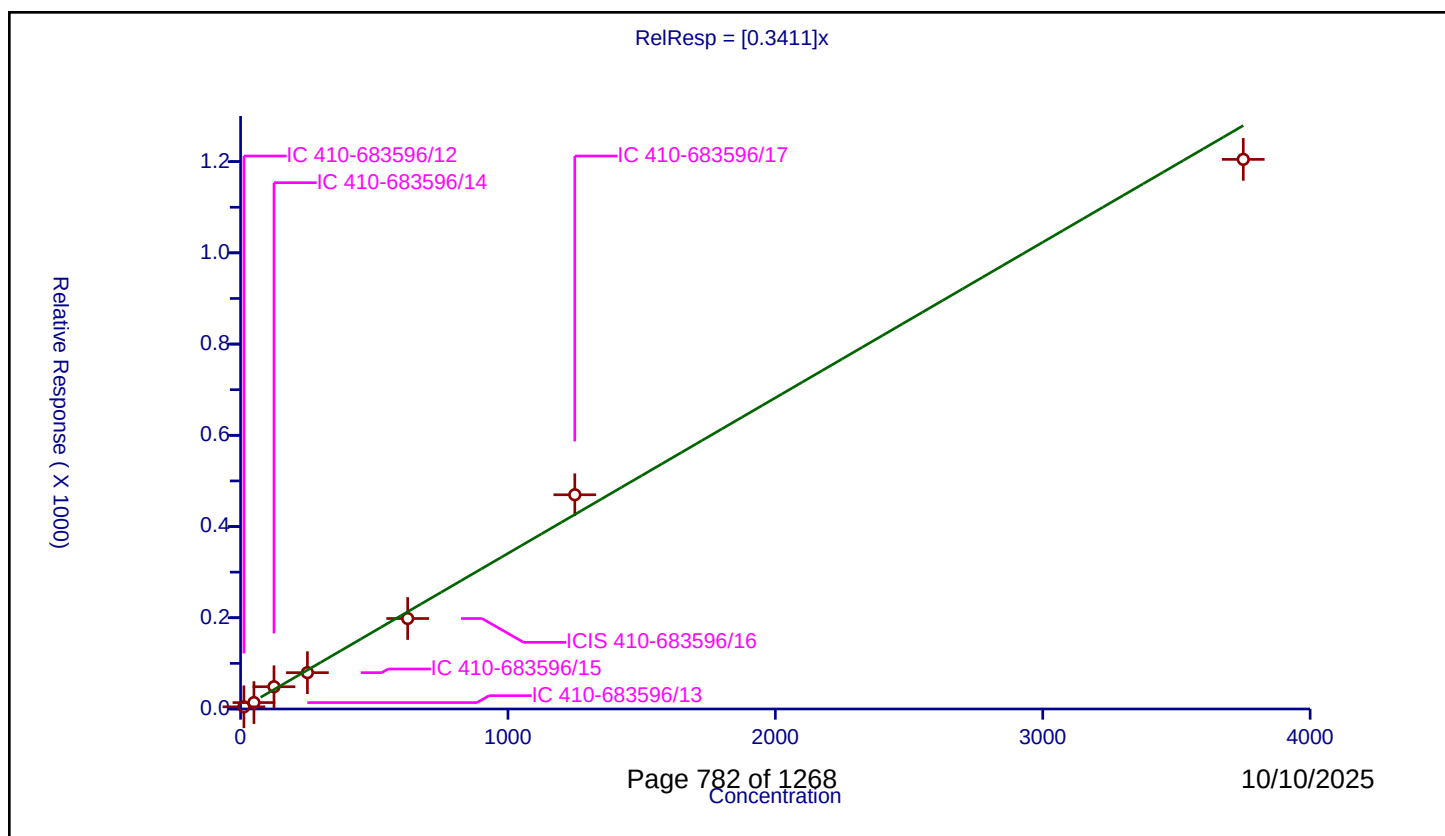
Curve Coefficients

Intercept: 0
Slope: 0.3411

Error Coefficients

Relative Standard Deviation: 12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	12.5	4.788803	250.0	363713.0	0.383104	Y
2	IC 410-683596/13	50.0	14.072818	250.0	392814.0	0.281456	Y
3	IC 410-683596/14	125.0	48.768666	250.0	353316.0	0.390149	Y
4	IC 410-683596/15	250.0	79.638878	250.0	387044.0	0.318556	Y
5	ICIS 410-683596/16	625.0	198.34402	250.0	357311.0	0.31735	Y
6	IC 410-683596/17	1250.0	469.667262	250.0	371043.0	0.375734	Y
7	IC 410-683596/18	3750.0	1204.950543	250.0	368101.0	0.32132	Y



Calibration

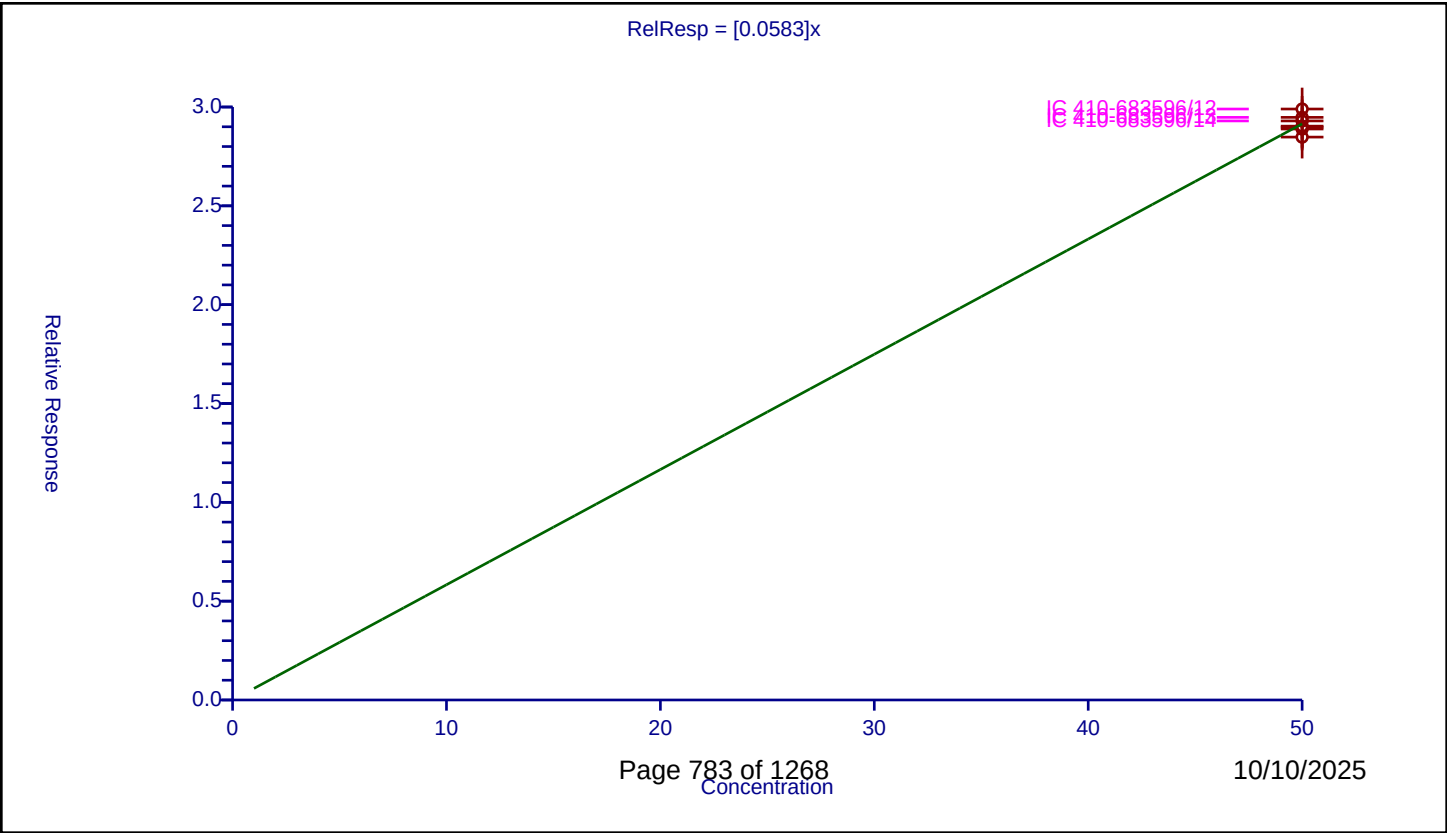
/ 1,2-Dichloroethane-d4 (Surr)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.0583
Error Coefficients	

Relative Standard Deviation: 1.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	2.989878	50.0	1034825.0	0.059798	Y
2	IC 410-683596/13	50.0	2.947701	50.0	1060182.0	0.058954	Y
3	IC 410-683596/14	50.0	2.929532	50.0	1029260.0	0.058591	Y
4	IC 410-683596/15	50.0	2.903323	50.0	1058718.0	0.058066	Y
5	ICIS 410-683596/16	50.0	2.897596	50.0	1071785.0	0.057952	Y
6	IC 410-683596/17	50.0	2.888725	50.0	1063341.0	0.057775	Y
7	IC 410-683596/18	50.0	2.847749	50.0	1117567.0	0.056955	Y



Calibration

/ Benzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

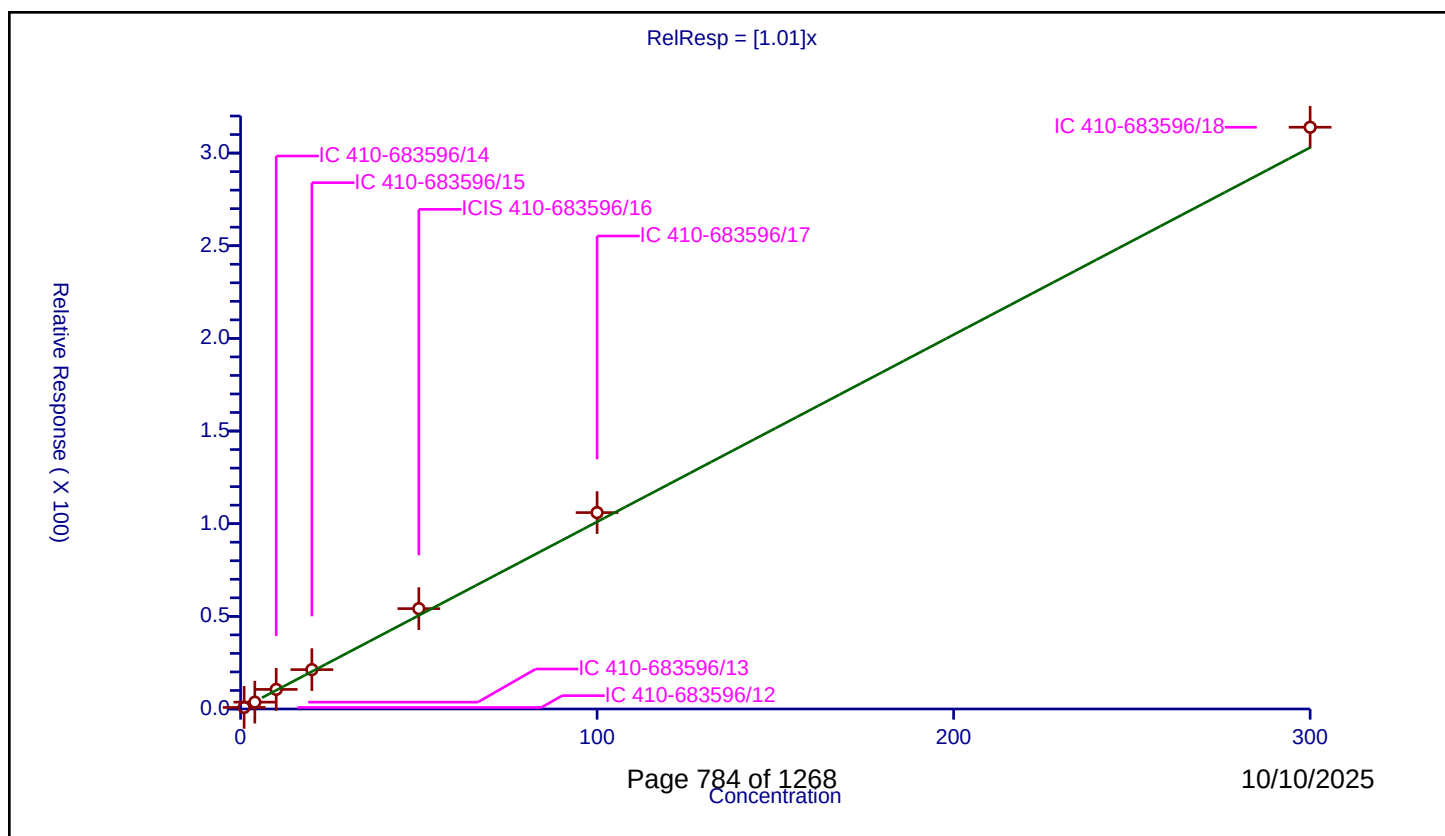
Curve Coefficients

Intercept: 0
Slope: 1.01

Error Coefficients

Relative Standard Deviation: 9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.839707	50.0	1034825.0	0.839707	Y
2	IC 410-683596/13	4.0	3.684886	50.0	1060182.0	0.921222	Y
3	IC 410-683596/14	10.0	10.565309	50.0	1029260.0	1.056531	Y
4	IC 410-683596/15	20.0	21.246545	50.0	1058718.0	1.062327	Y
5	ICIS 410-683596/16	50.0	54.161002	50.0	1071785.0	1.08322	Y
6	IC 410-683596/17	100.0	105.981101	50.0	1063341.0	1.059811	Y
7	IC 410-683596/18	300.0	313.943728	50.0	1117567.0	1.046479	Y



Calibration

/ 1,2-Dichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

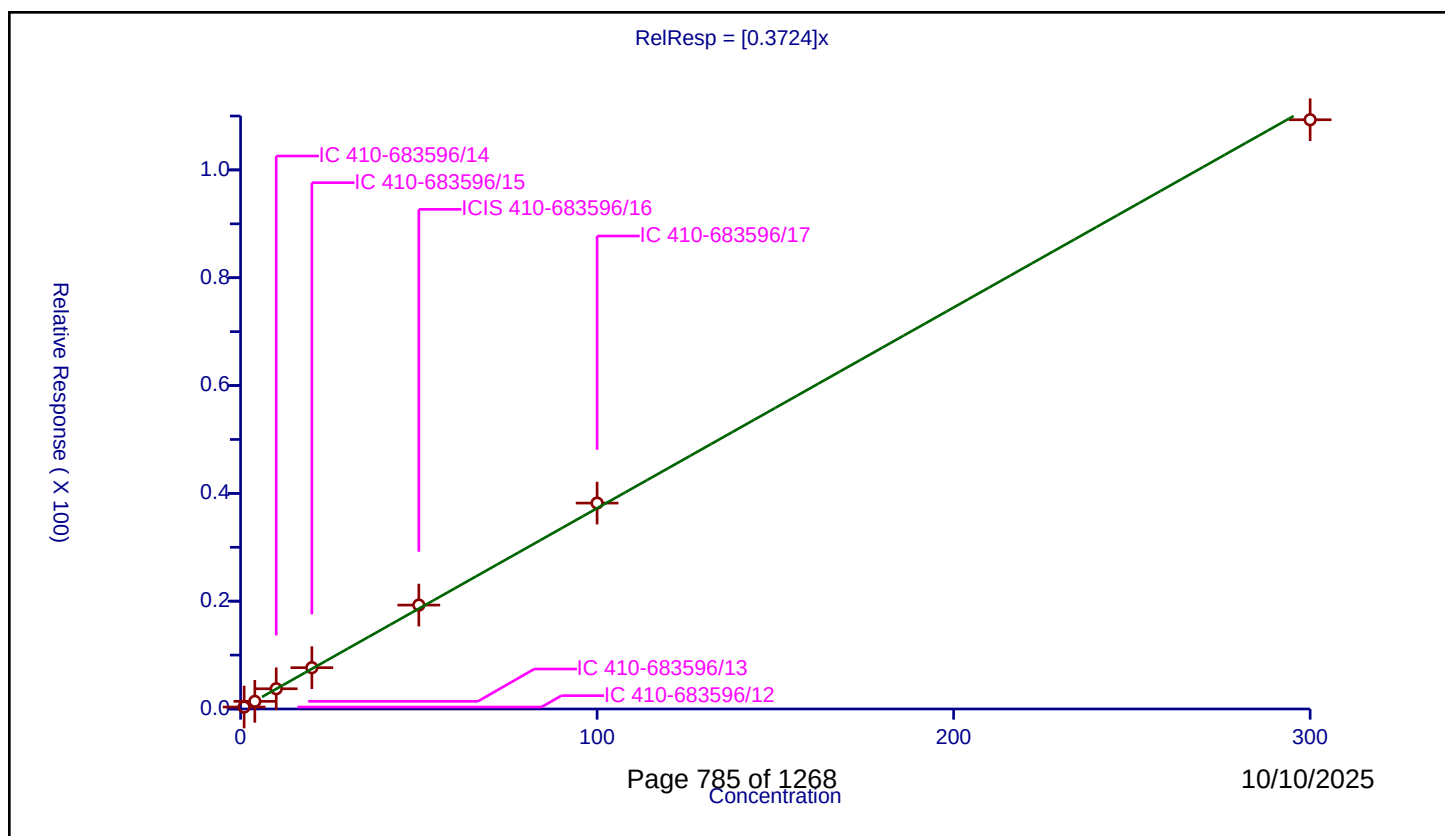
Curve Coefficients

Intercept: 0
Slope: 0.3724

Error Coefficients

Relative Standard Deviation: 3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.361945	50.0	1034825.0	0.361945	Y
2	IC 410-683596/13	4.0	1.418058	50.0	1060182.0	0.354515	Y
3	IC 410-683596/14	10.0	3.753376	50.0	1029260.0	0.375338	Y
4	IC 410-683596/15	20.0	7.663042	50.0	1058718.0	0.383152	Y
5	ICIS 410-683596/16	50.0	19.275554	50.0	1071785.0	0.385511	Y
6	IC 410-683596/17	100.0	38.197436	50.0	1063341.0	0.381974	Y
7	IC 410-683596/18	300.0	109.309733	50.0	1117567.0	0.364366	Y



Calibration

/ Tert-amyl methyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

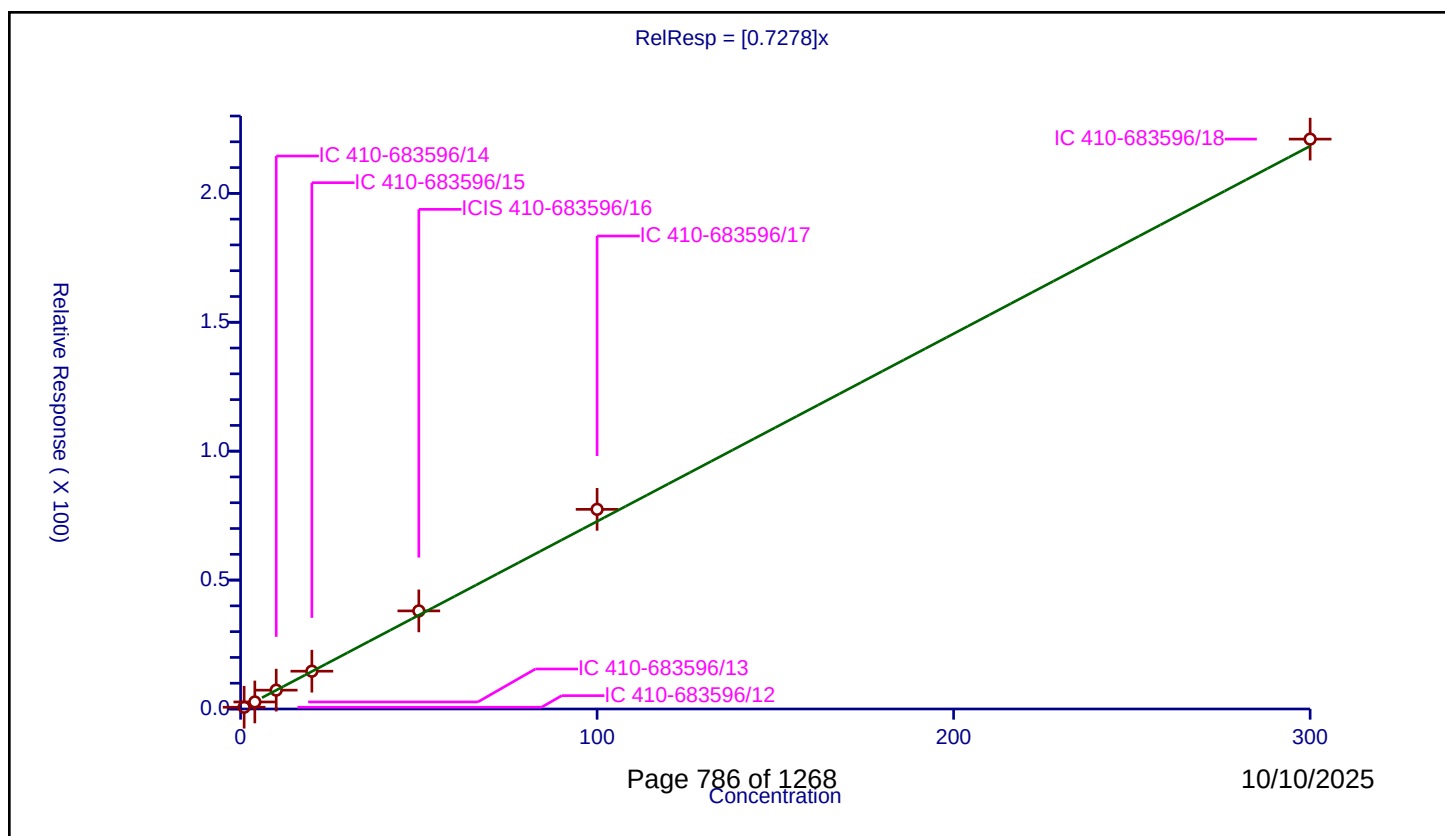
Curve Coefficients

Intercept: 0
Slope: 0.7278

Error Coefficients

Relative Standard Deviation: 5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.676298	50.0	1034825.0	0.676298	Y
2	IC 410-683596/13	4.0	2.727786	50.0	1060182.0	0.681947	Y
3	IC 410-683596/14	10.0	7.309572	50.0	1029260.0	0.730957	Y
4	IC 410-683596/15	20.0	14.663111	50.0	1058718.0	0.733156	Y
5	ICIS 410-683596/16	50.0	38.046017	50.0	1071785.0	0.76092	Y
6	IC 410-683596/17	100.0	77.433627	50.0	1063341.0	0.774336	Y
7	IC 410-683596/18	300.0	221.03941	50.0	1117567.0	0.736798	Y



Calibration

/ n-Heptane

Curve Type: Linear
Weighting: Conc
Origin: None
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

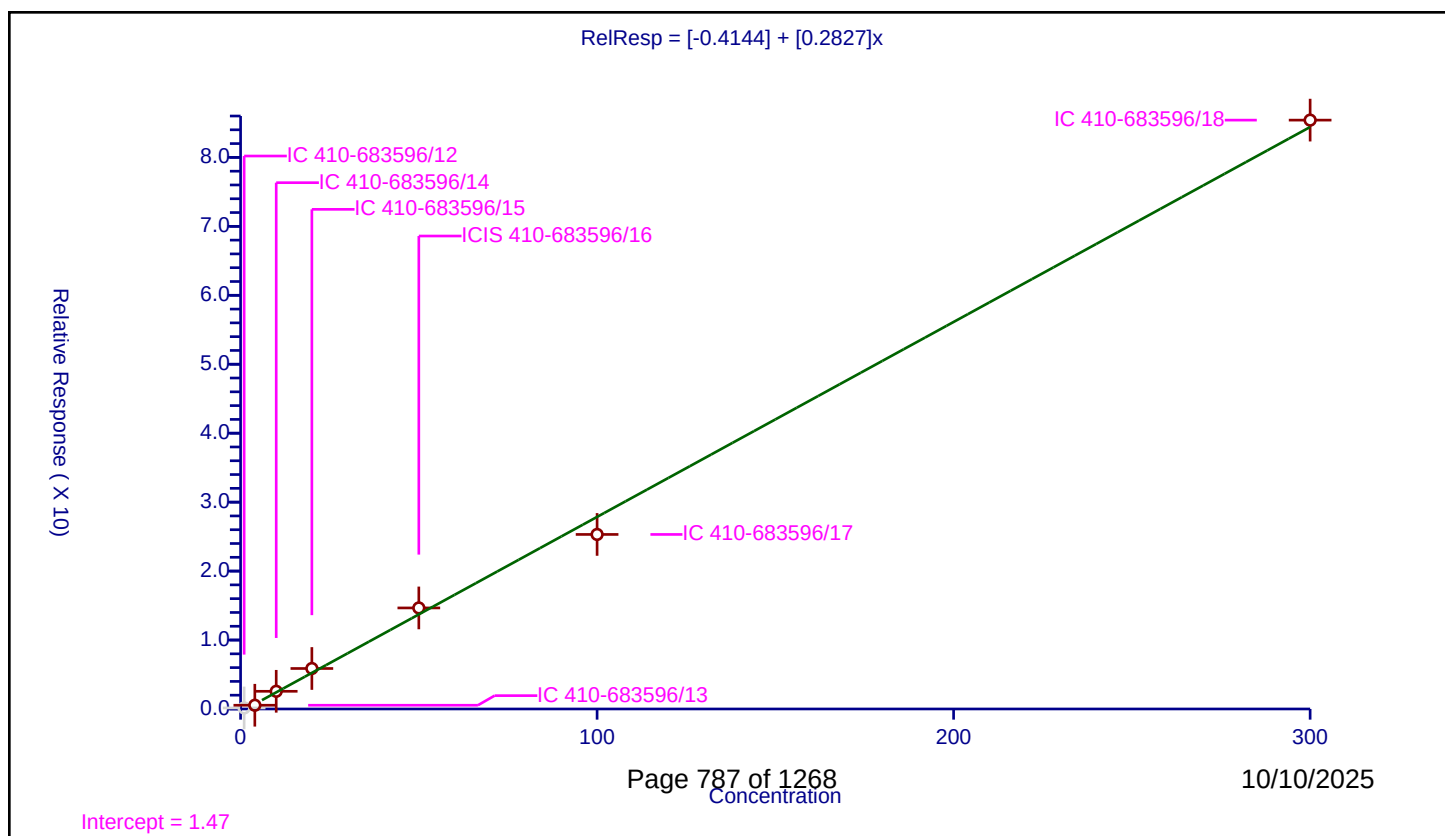
Curve Coefficients

Intercept: -0.4144
Slope: 0.2827

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.151088	50.0	1034825.0	0.151088	N
2	IC 410-683596/13	4.0	0.541794	50.0	1060182.0	0.135448	Y
3	IC 410-683596/14	10.0	2.567864	50.0	1029260.0	0.256786	Y
4	IC 410-683596/15	20.0	5.872621	50.0	1058718.0	0.293631	Y
5	ICIS 410-683596/16	50.0	14.655318	50.0	1071785.0	0.293106	Y
6	IC 410-683596/17	100.0	25.312999	50.0	1063341.0	0.25313	Y
7	IC 410-683596/18	300.0	85.403694	50.0	1117567.0	0.284679	Y



Calibration

/ n-Butanol

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

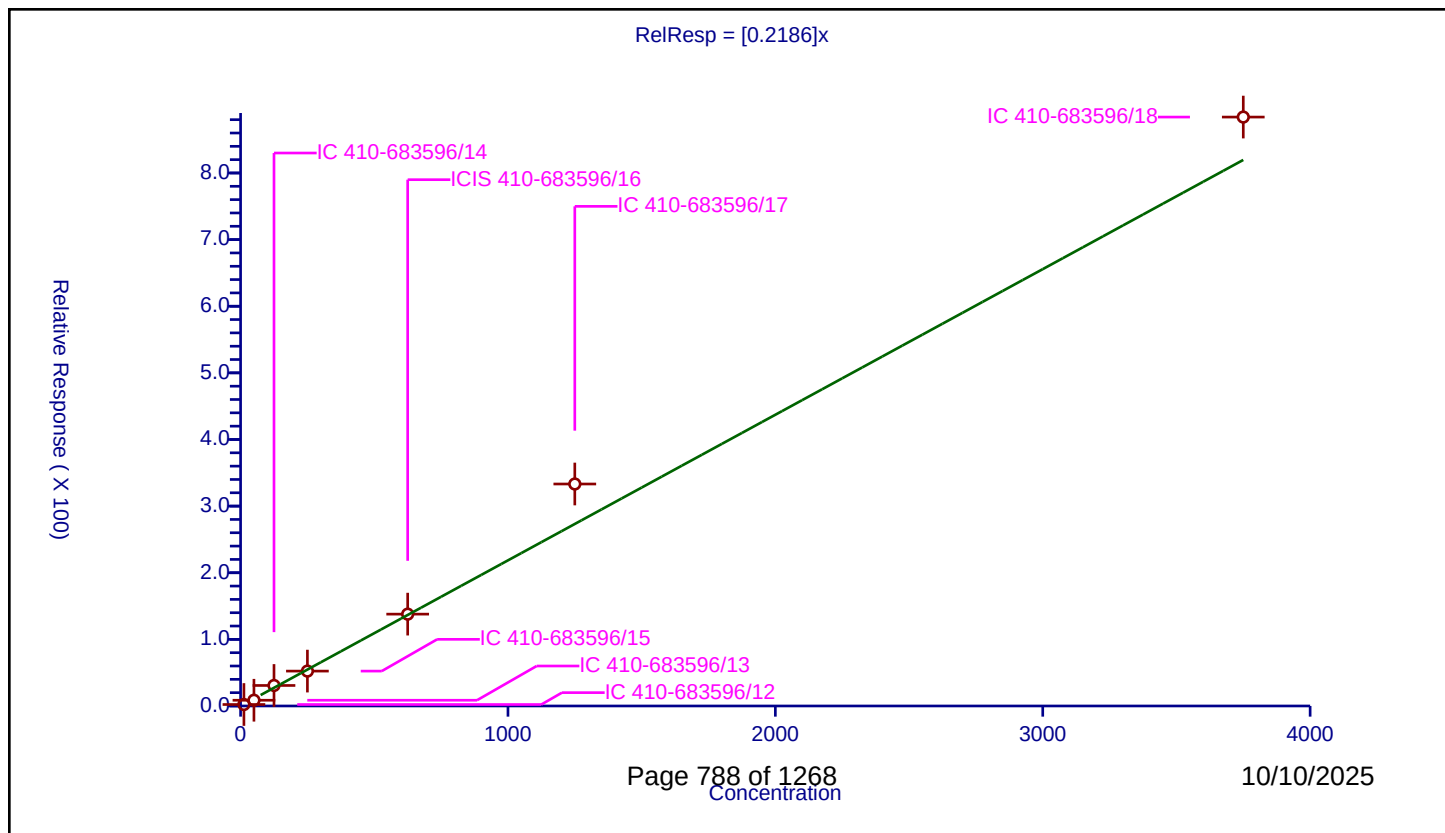
Curve Coefficients

Intercept: 0
Slope: 0.2186

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	12.5	2.230467	250.0	363713.0	0.178437	Y
2	IC 410-683596/13	50.0	8.63513	250.0	392814.0	0.172703	Y
3	IC 410-683596/14	125.0	30.798917	250.0	353316.0	0.246391	Y
4	IC 410-683596/15	250.0	52.386163	250.0	387044.0	0.209545	Y
5	ICIS 410-683596/16	625.0	137.845602	250.0	357311.0	0.220553	Y
6	IC 410-683596/17	1250.0	333.197904	250.0	371043.0	0.266558	Y
7	IC 410-683596/18	3750.0	883.931312	250.0	368101.0	0.235715	Y



Calibration

/ Trichloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

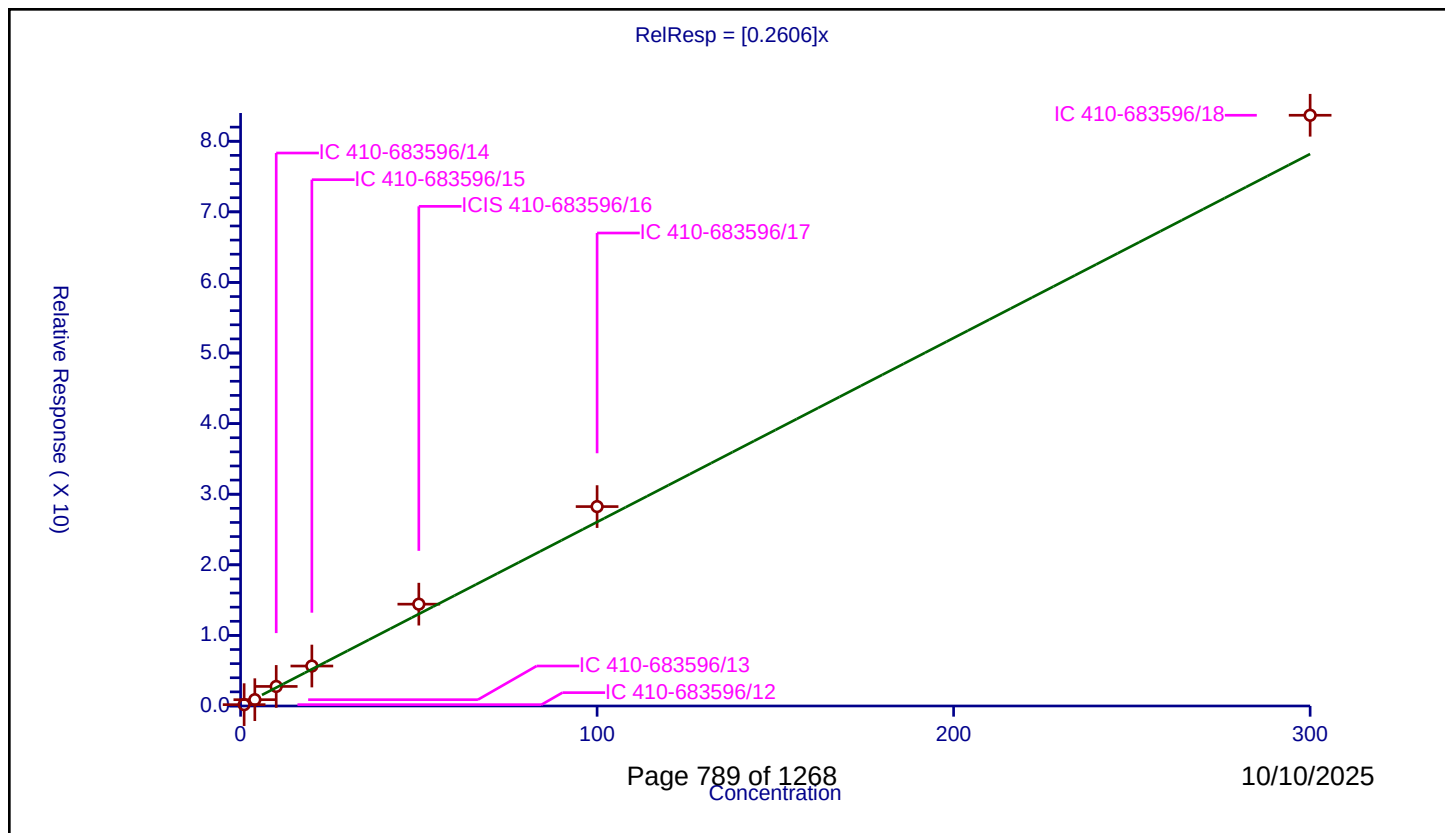
Curve Coefficients

Intercept: 0
Slope: 0.2606

Error Coefficients

Relative Standard Deviation: 14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.191095	50.0	1034825.0	0.191095	Y
2	IC 410-683596/13	4.0	0.894328	50.0	1060182.0	0.223582	Y
3	IC 410-683596/14	10.0	2.769611	50.0	1029260.0	0.276961	Y
4	IC 410-683596/15	20.0	5.659486	50.0	1058718.0	0.282974	Y
5	ICIS 410-683596/16	50.0	14.424488	50.0	1071785.0	0.28849	Y
6	IC 410-683596/17	100.0	28.246442	50.0	1063341.0	0.282464	Y
7	IC 410-683596/18	300.0	83.683976	50.0	1117567.0	0.278947	Y



Calibration

/ Ethyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

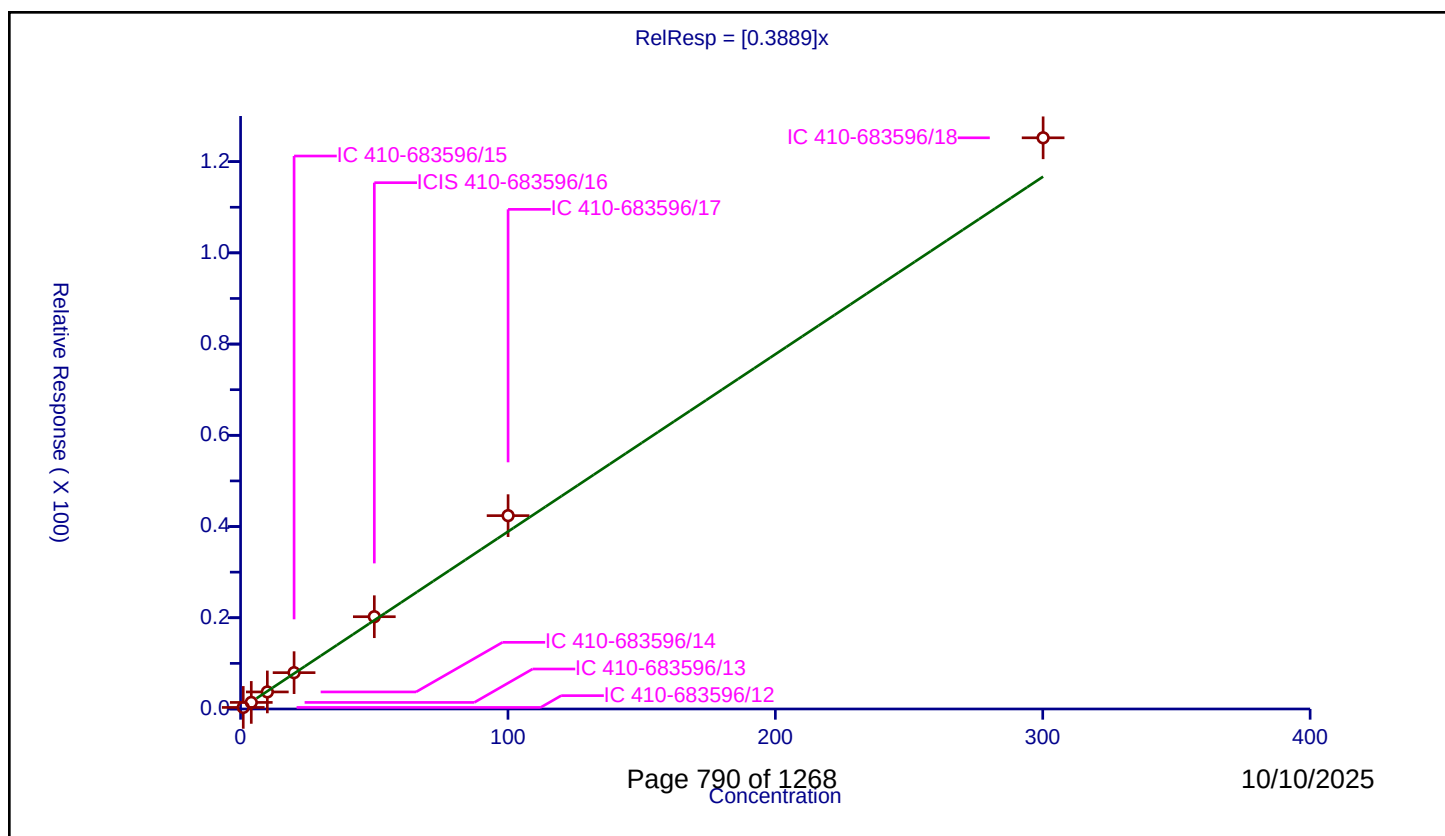
Curve Coefficients

Intercept: 0
Slope: 0.3889

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.00048	0.344599	50.0	1034825.0	0.344434	Y
2	IC 410-683596/13	4.00192	1.441781	50.0	1060182.0	0.360272	Y
3	IC 410-683596/14	10.0048	3.739386	50.0	1029260.0	0.373759	Y
4	IC 410-683596/15	20.0096	7.966522	50.0	1058718.0	0.398135	Y
5	ICIS 410-683596/16	50.024	20.233629	50.0	1071785.0	0.404478	Y
6	IC 410-683596/17	100.048	42.386403	50.0	1063341.0	0.423661	Y
7	IC 410-683596/18	300.144	125.226407	50.0	1117567.0	0.417221	Y



Calibration

/ Methylcyclohexane

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

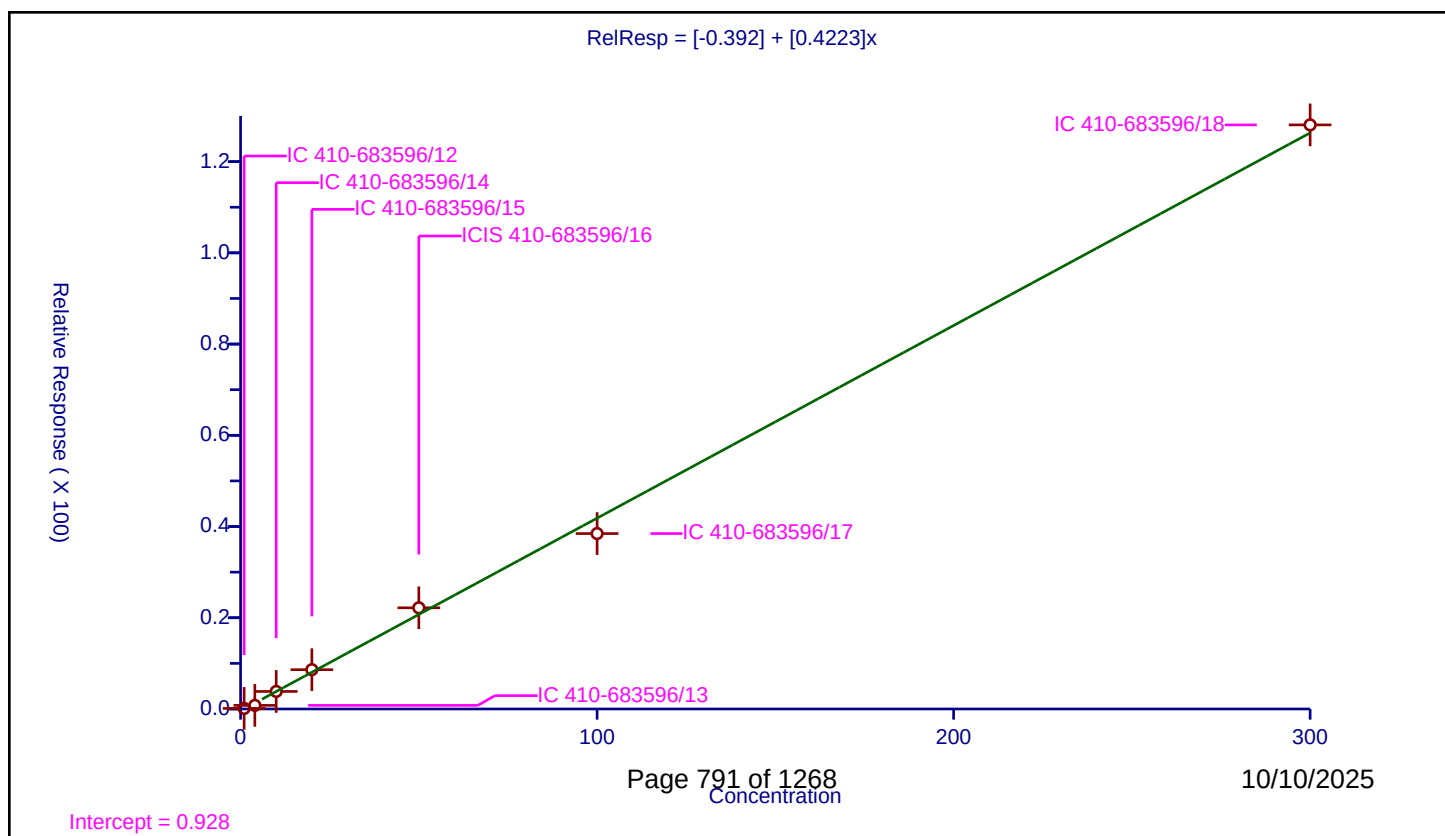
Curve Coefficients

Intercept: -0.392
 Slope: 0.4223

Error Coefficients

Relative Standard Deviation: 17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.126253	50.0	1034825.0	0.126253	Y
2	IC 410-683596/13	4.0	0.790195	50.0	1060182.0	0.197549	Y
3	IC 410-683596/14	10.0	3.844801	50.0	1029260.0	0.38448	Y
4	IC 410-683596/15	20.0	8.616223	50.0	1058718.0	0.430811	Y
5	ICIS 410-683596/16	50.0	22.18486	50.0	1071785.0	0.443697	Y
6	IC 410-683596/17	100.0	38.45897	50.0	1063341.0	0.38459	Y
7	IC 410-683596/18	300.0	128.053173	50.0	1117567.0	0.426844	Y



Calibration

/ 1,2-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

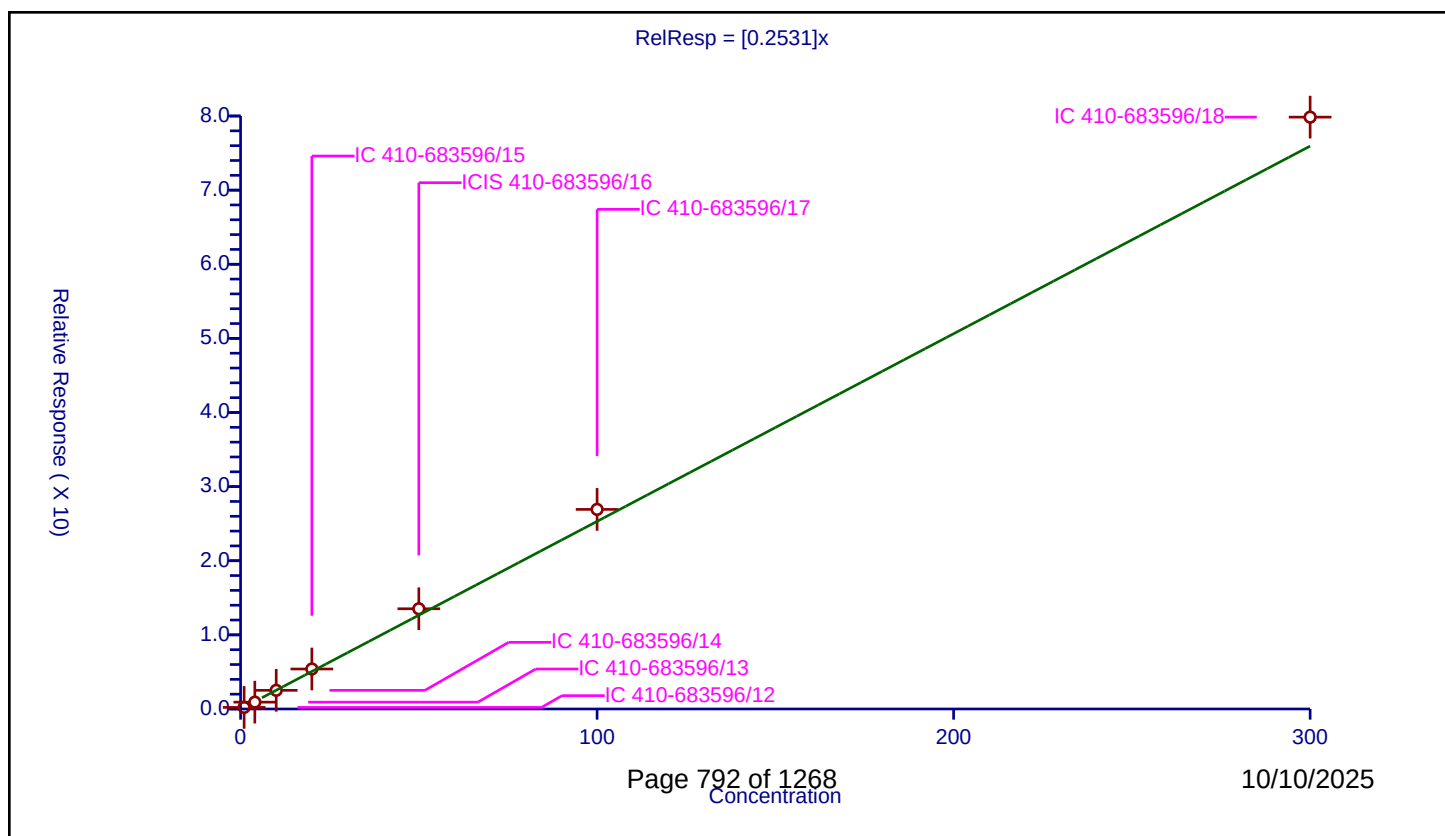
Curve Coefficients

Intercept: 0
Slope: 0.2531

Error Coefficients

Relative Standard Deviation: 8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.214239	50.0	1034825.0	0.214239	Y
2	IC 410-683596/13	4.0	0.921351	50.0	1060182.0	0.230338	Y
3	IC 410-683596/14	10.0	2.517828	50.0	1029260.0	0.251783	Y
4	IC 410-683596/15	20.0	5.394213	50.0	1058718.0	0.269711	Y
5	ICIS 410-683596/16	50.0	13.521788	50.0	1071785.0	0.270436	Y
6	IC 410-683596/17	100.0	26.928097	50.0	1063341.0	0.269281	Y
7	IC 410-683596/18	300.0	79.848501	50.0	1117567.0	0.266162	Y



Calibration

/ 2-ethoxy-2-methyl butane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

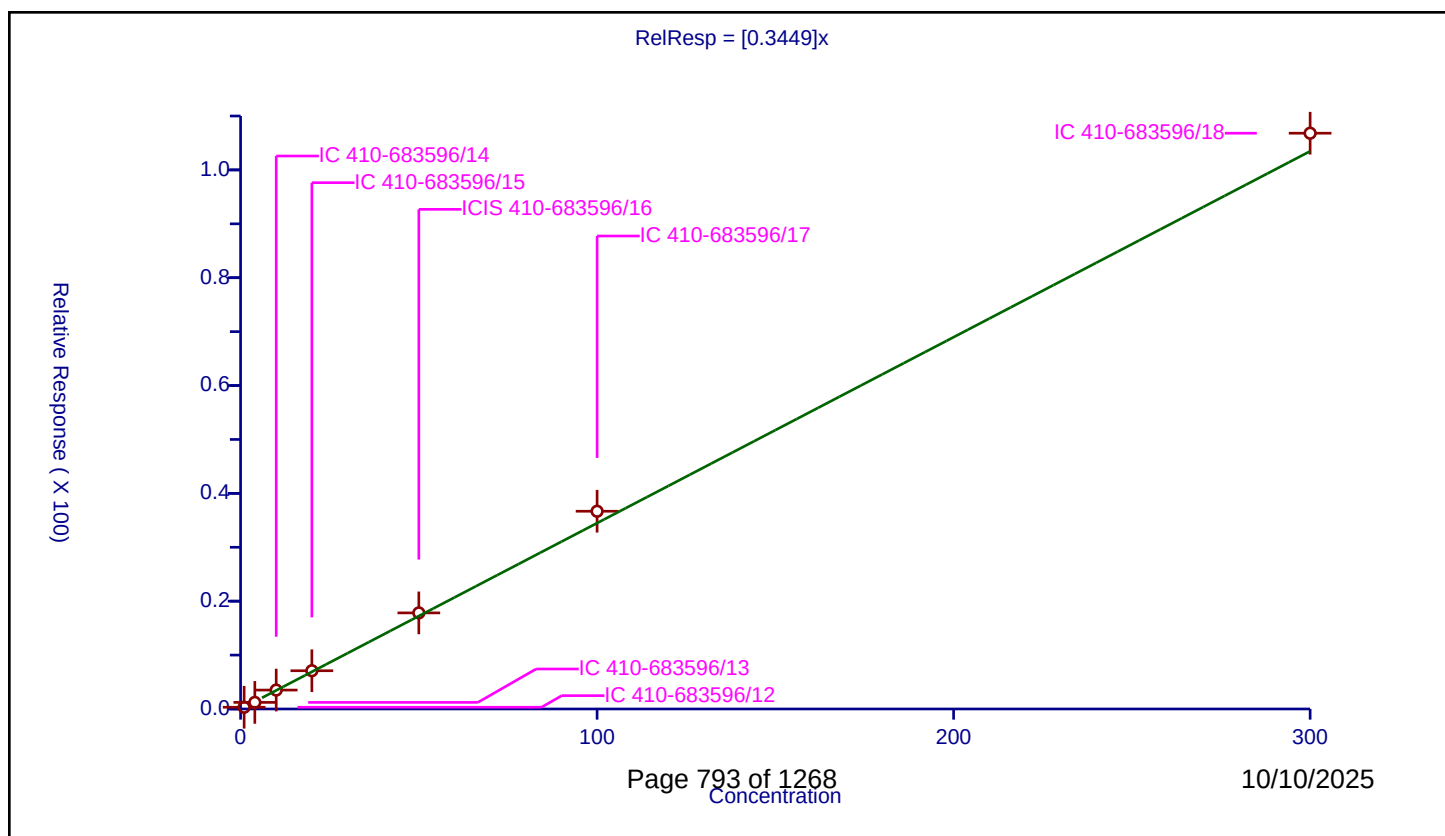
Curve Coefficients

Intercept: 0
Slope: 0.3449

Error Coefficients

Relative Standard Deviation: 6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.322857	50.0	1034825.0	0.322857	Y
2	IC 410-683596/13	4.0	1.225308	50.0	1060182.0	0.306327	Y
3	IC 410-683596/14	10.0	3.507569	50.0	1029260.0	0.350757	Y
4	IC 410-683596/15	20.0	7.095421	50.0	1058718.0	0.354771	Y
5	ICIS 410-683596/16	50.0	17.825777	50.0	1071785.0	0.356516	Y
6	IC 410-683596/17	100.0	36.682823	50.0	1063341.0	0.366828	Y
7	IC 410-683596/18	300.0	106.807153	50.0	1117567.0	0.356024	Y



Calibration

/ 1,4-Dioxane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

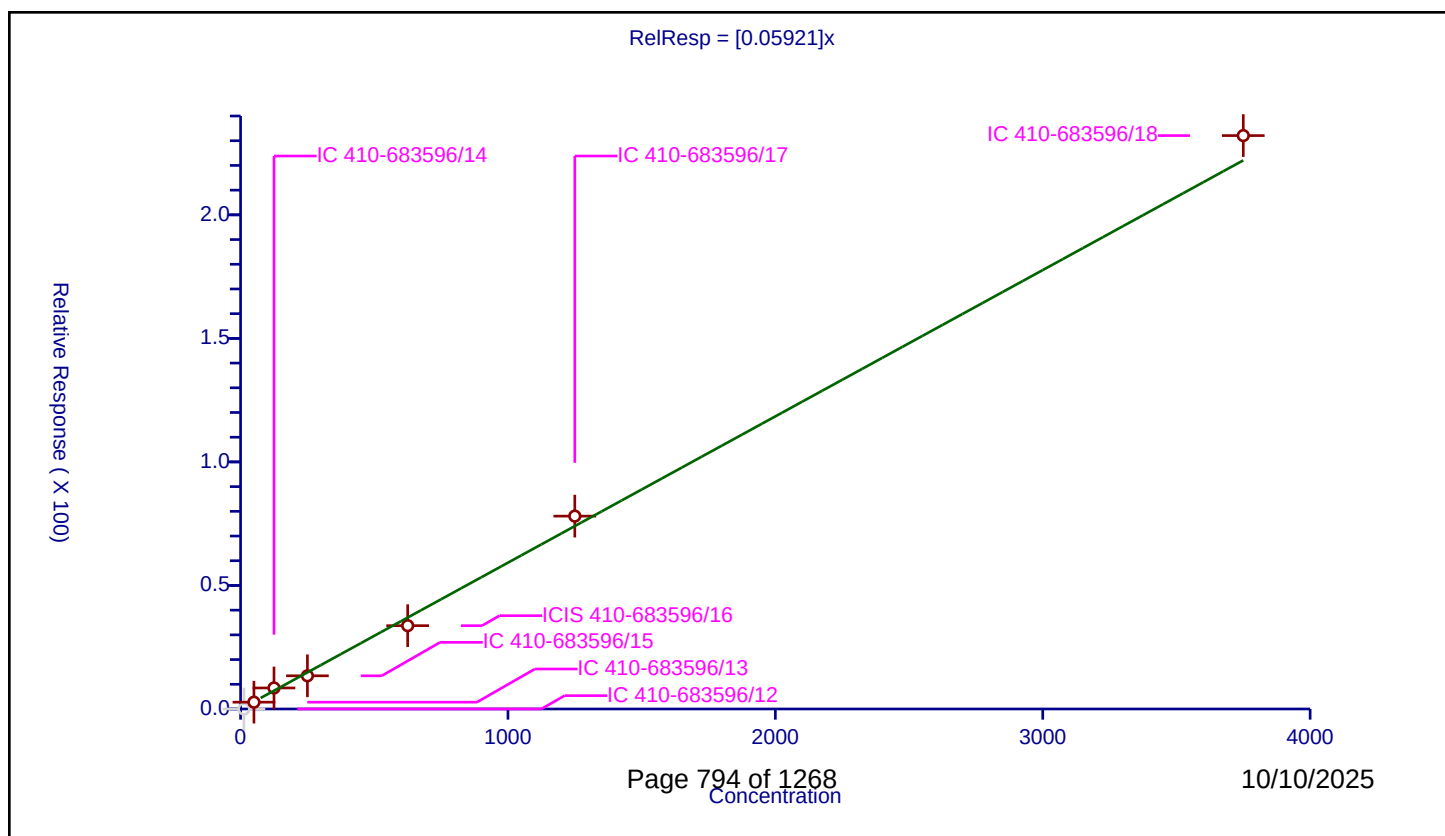
Curve Coefficients

Intercept: 0
Slope: 0.05921

Error Coefficients

Relative Standard Deviation: 9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	12.5	0.0	250.0	363713.0	0.0	N
2	IC 410-683596/13	50.0	2.759576	250.0	392814.0	0.055192	Y
3	IC 410-683596/14	125.0	8.507257	250.0	353316.0	0.068058	Y
4	IC 410-683596/15	250.0	13.435811	250.0	387044.0	0.053743	Y
5	ICIS 410-683596/16	625.0	33.724123	250.0	357311.0	0.053959	Y
6	IC 410-683596/17	1250.0	78.063055	250.0	371043.0	0.06245	Y
7	IC 410-683596/18	3750.0	232.078967	250.0	368101.0	0.061888	Y



Calibration

/ Dibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

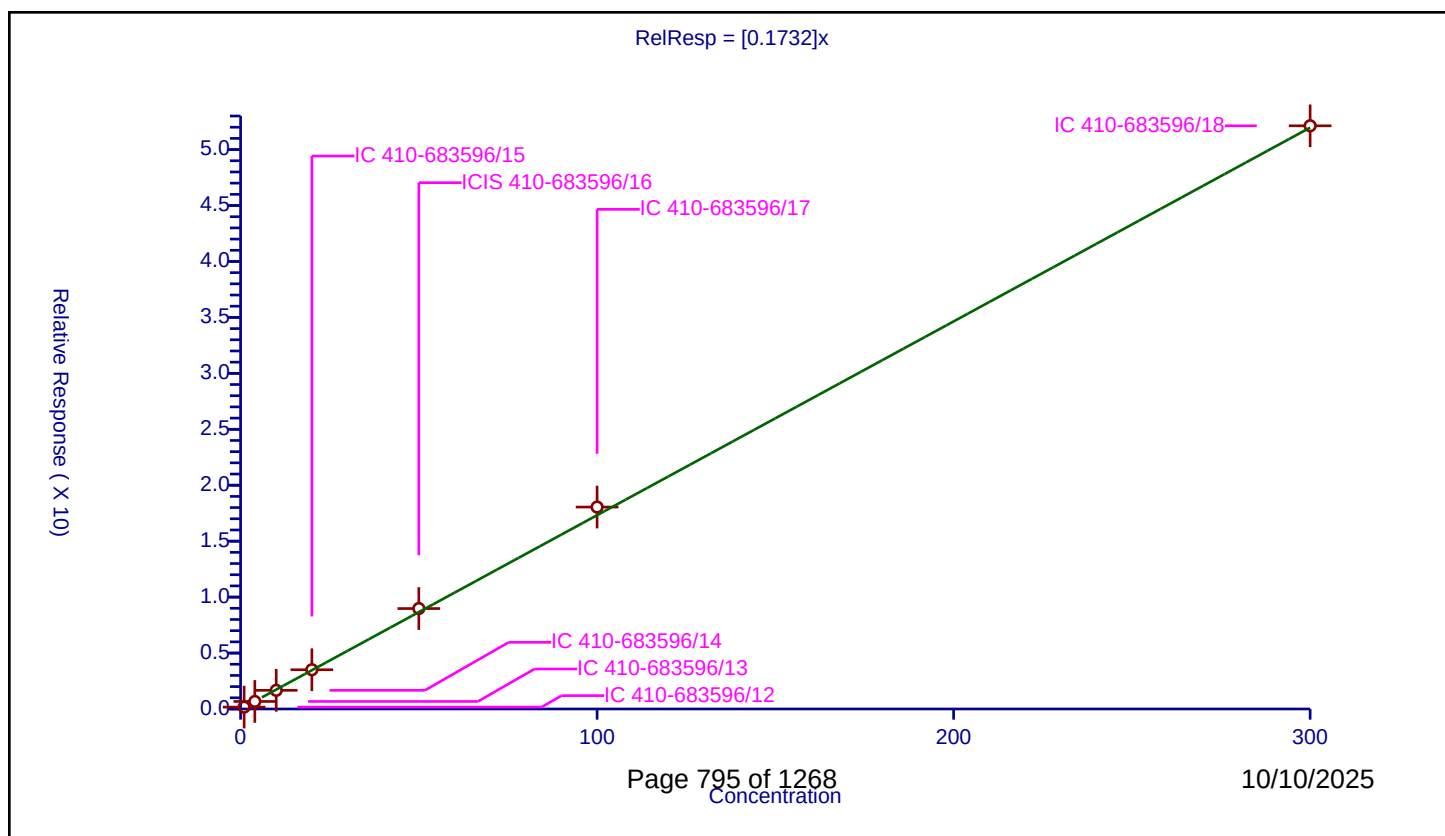
Curve Coefficients

Intercept: 0
Slope: 0.1732

Error Coefficients

Relative Standard Deviation: 3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.168241	50.0	1034825.0	0.168241	Y
2	IC 410-683596/13	4.0	0.673516	50.0	1060182.0	0.168379	Y
3	IC 410-683596/14	10.0	1.666537	50.0	1029260.0	0.166654	Y
4	IC 410-683596/15	20.0	3.508252	50.0	1058718.0	0.175413	Y
5	ICIS 410-683596/16	50.0	8.977267	50.0	1071785.0	0.179545	Y
6	IC 410-683596/17	100.0	18.047691	50.0	1063341.0	0.180477	Y
7	IC 410-683596/18	300.0	52.124347	50.0	1117567.0	0.173748	Y



Calibration

/ Methyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

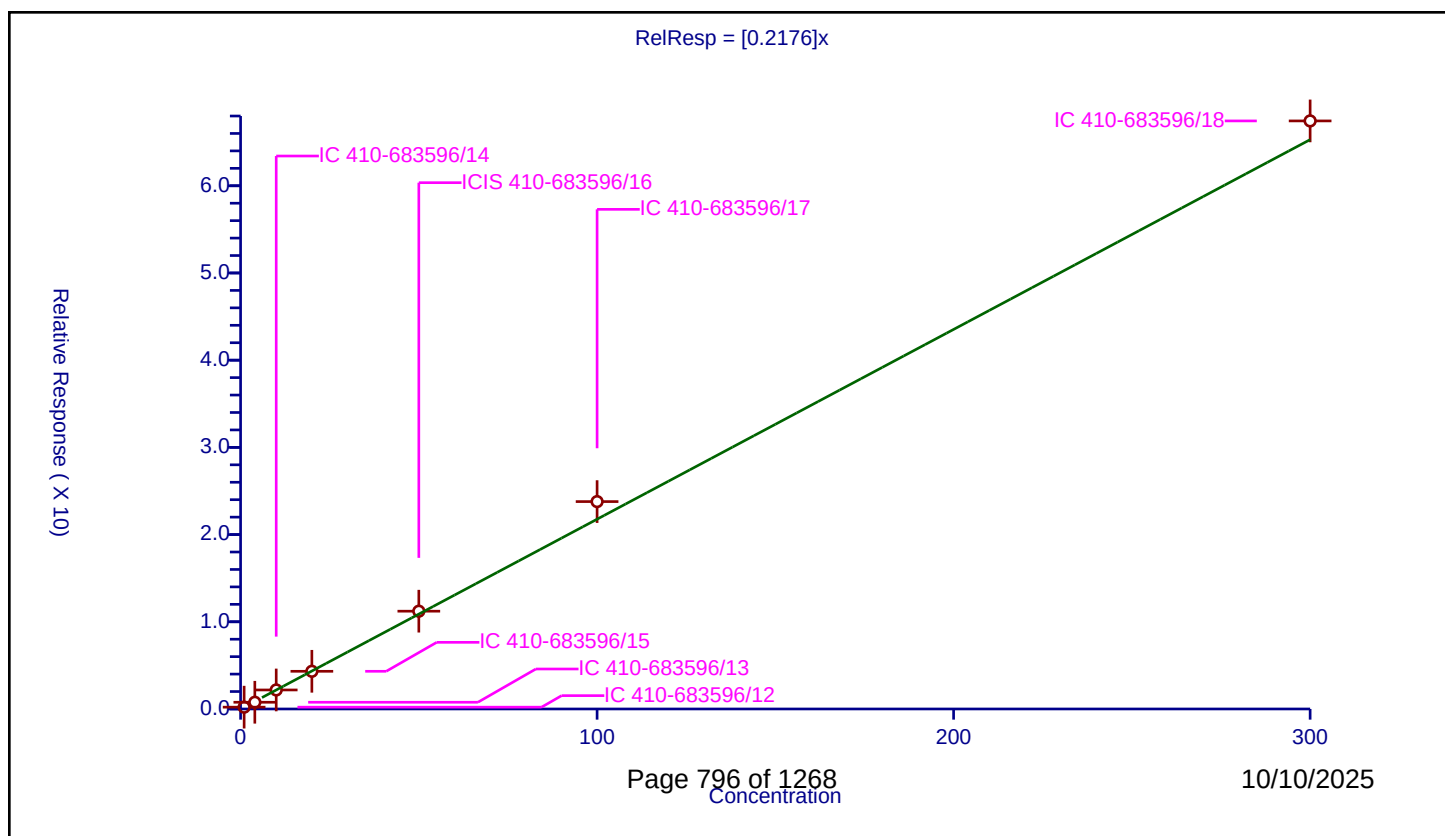
Curve Coefficients

Intercept: 0
Slope: 0.2176

Error Coefficients

Relative Standard Deviation: 6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.208924	50.0	1034825.0	0.208924	Y
2	IC 410-683596/13	4.0	0.772886	50.0	1060182.0	0.193222	Y
3	IC 410-683596/14	10.0	2.18249	50.0	1029260.0	0.218249	Y
4	IC 410-683596/15	20.0	4.322397	50.0	1058718.0	0.21612	Y
5	ICIS 410-683596/16	50.0	11.213956	50.0	1071785.0	0.224279	Y
6	IC 410-683596/17	100.0	23.783575	50.0	1063341.0	0.237836	Y
7	IC 410-683596/18	300.0	67.438418	50.0	1117567.0	0.224795	Y



Calibration

/ Dichlorobromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

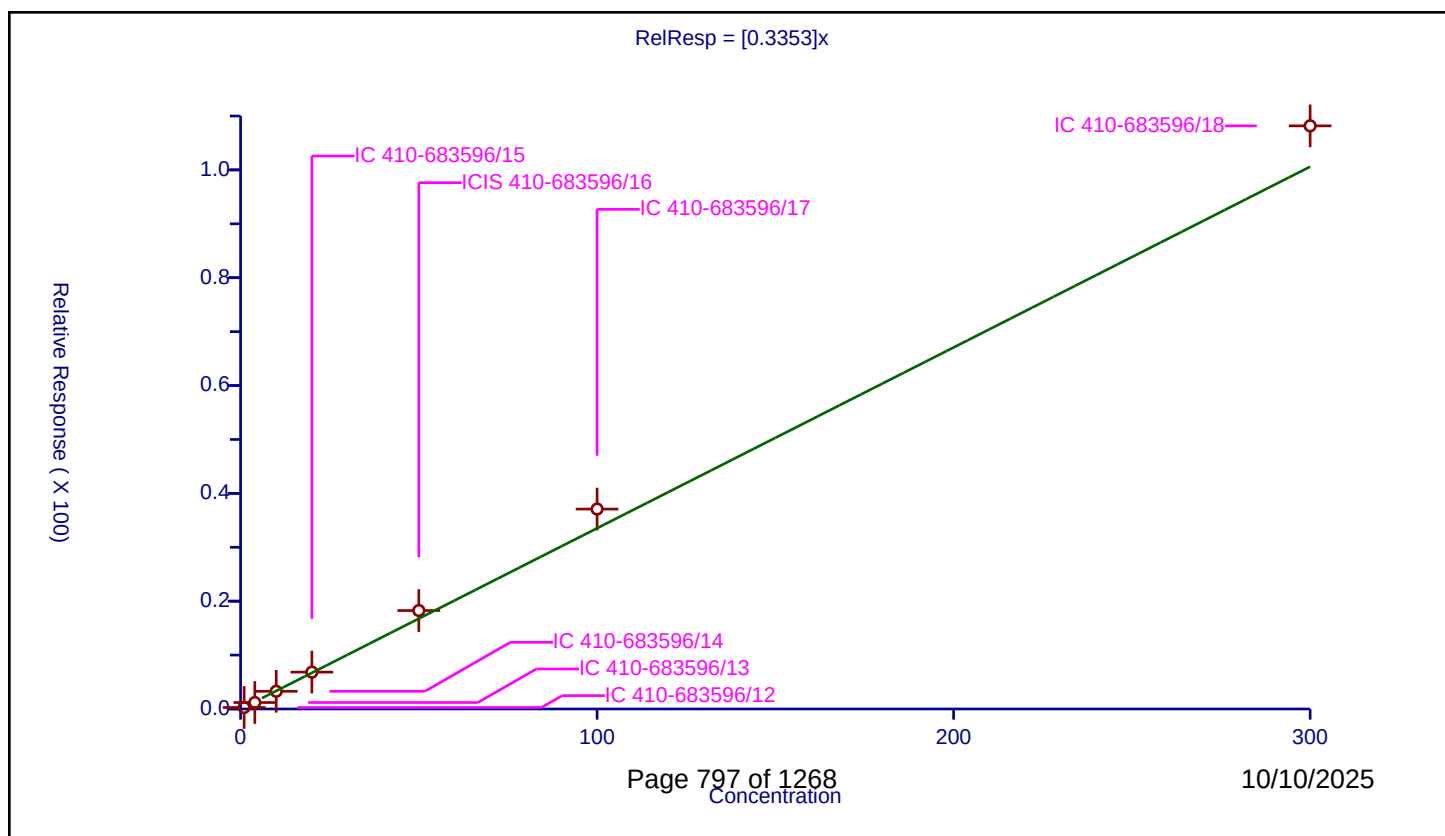
Curve Coefficients

Intercept: 0
Slope: 0.3353

Error Coefficients

Relative Standard Deviation: 10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.280531	50.0	1034825.0	0.280531	Y
2	IC 410-683596/13	4.0	1.200266	50.0	1060182.0	0.300066	Y
3	IC 410-683596/14	10.0	3.281775	50.0	1029260.0	0.328178	Y
4	IC 410-683596/15	20.0	6.837704	50.0	1058718.0	0.341885	Y
5	ICIS 410-683596/16	50.0	18.261965	50.0	1071785.0	0.365239	Y
6	IC 410-683596/17	100.0	37.0842	50.0	1063341.0	0.370842	Y
7	IC 410-683596/18	300.0	108.175125	50.0	1117567.0	0.360584	Y

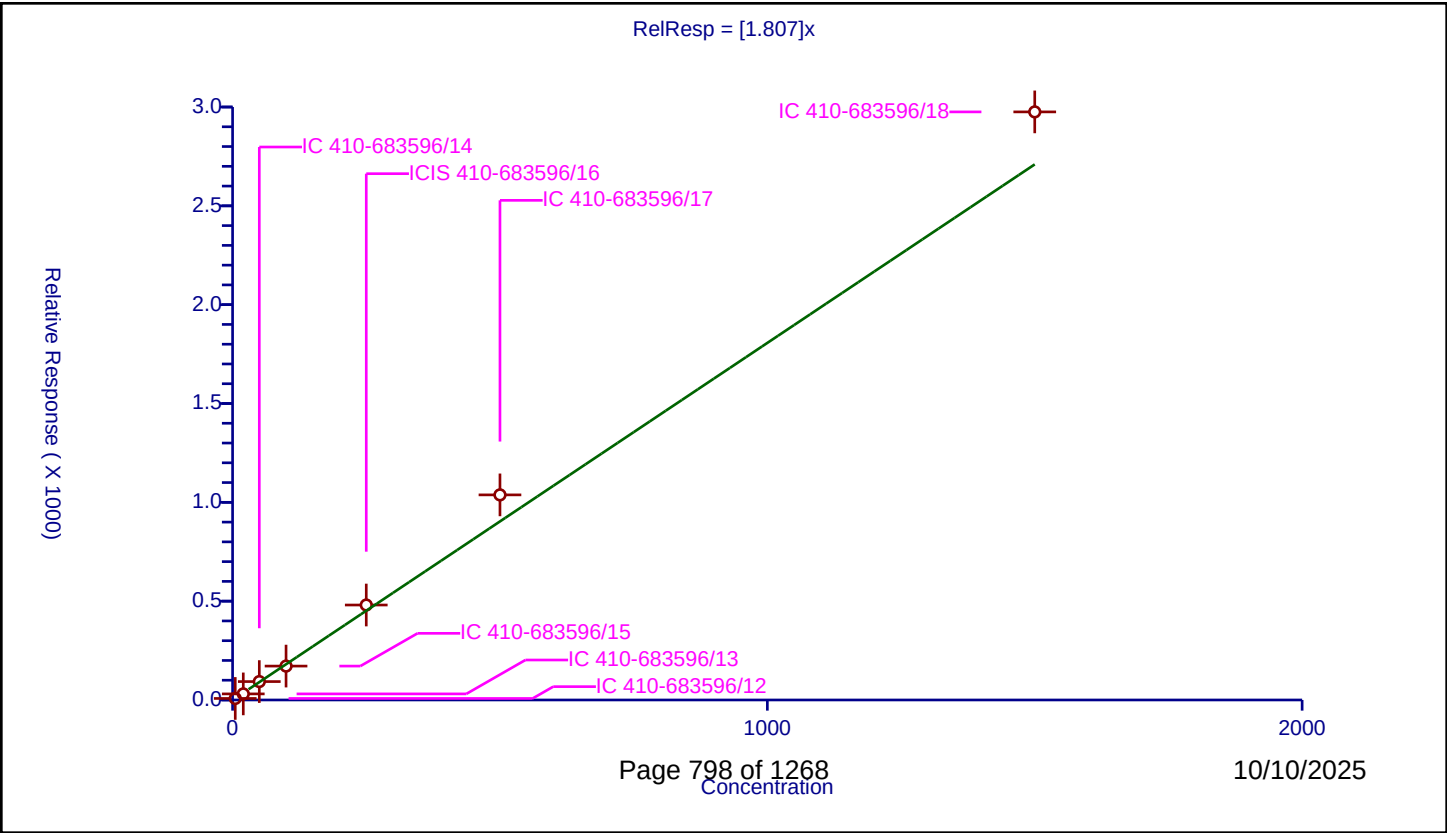


Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	1.807
Error Coefficients	

Relative Standard Deviation: 11.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	5.0	7.718311	250.0	363713.0	1.543662	Y
2	IC 410-683596/13	20.0	30.8753	250.0	392814.0	1.543765	Y
3	IC 410-683596/14	50.0	93.125559	250.0	353316.0	1.862511	Y
4	IC 410-683596/15	100.0	171.507632	250.0	387044.0	1.715076	Y
5	ICIS 410-683596/16	250.0	480.457501	250.0	357311.0	1.92183	Y
6	IC 410-683596/17	500.0	1037.628388	250.0	371043.0	2.075257	Y
7	IC 410-683596/18	1500.0	2975.28192	250.0	368101.0	1.983521	Y



Calibration

/ 2-Chloroethyl vinyl ether

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

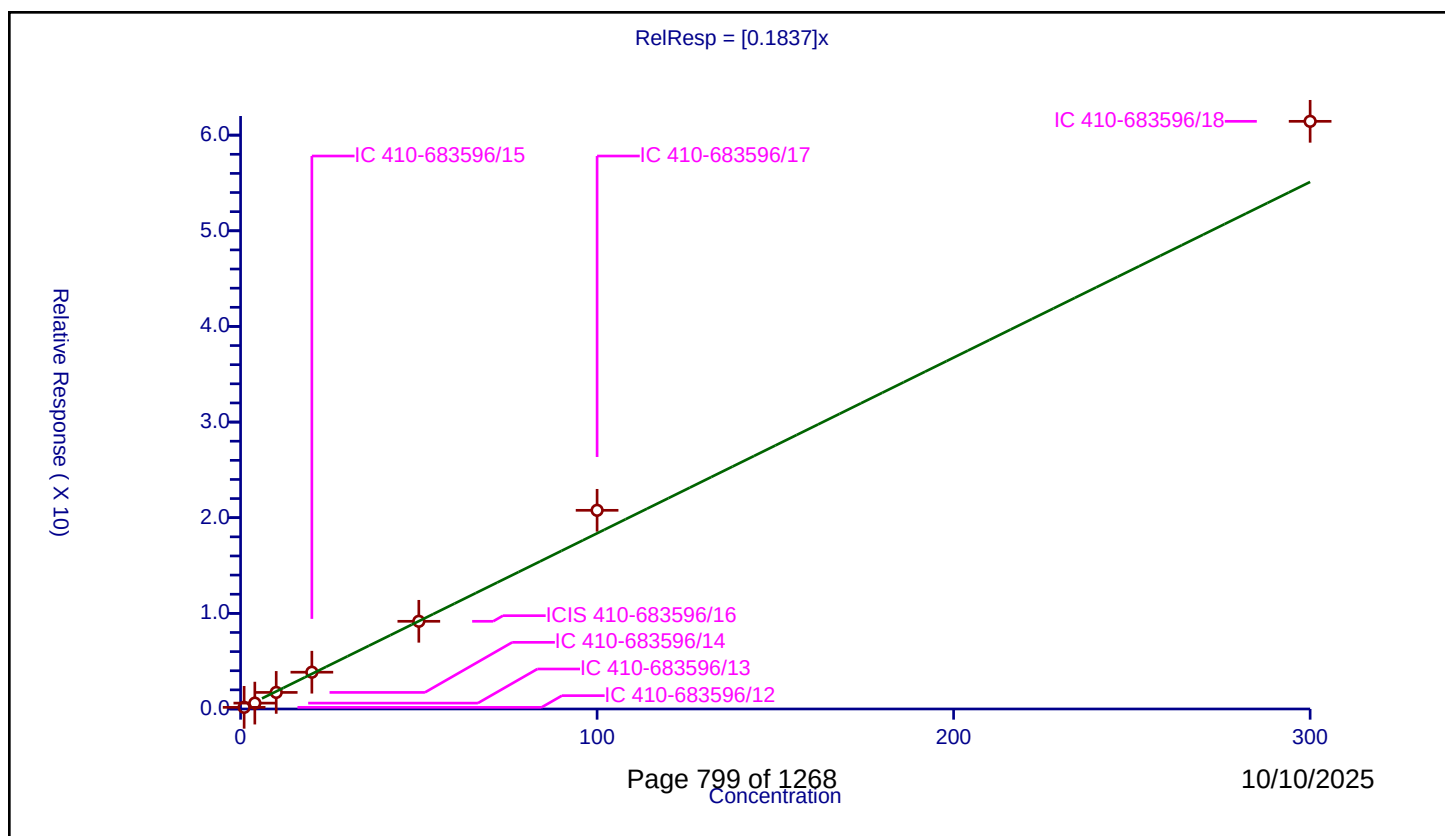
Curve Coefficients

Intercept: 0
Slope: 0.1837

Error Coefficients

Relative Standard Deviation: 10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.170415	50.0	1034825.0	0.170415	Y
2	IC 410-683596/13	4.0	0.614753	50.0	1060182.0	0.153688	Y
3	IC 410-683596/14	10.0	1.733964	50.0	1029260.0	0.173396	Y
4	IC 410-683596/15	20.0	3.847578	50.0	1058718.0	0.192379	Y
5	ICIS 410-683596/16	50.0	9.16933	50.0	1071785.0	0.183387	Y
6	IC 410-683596/17	100.0	20.773816	50.0	1063341.0	0.207738	Y
7	IC 410-683596/18	300.0	61.444772	50.0	1117567.0	0.204816	Y



Calibration

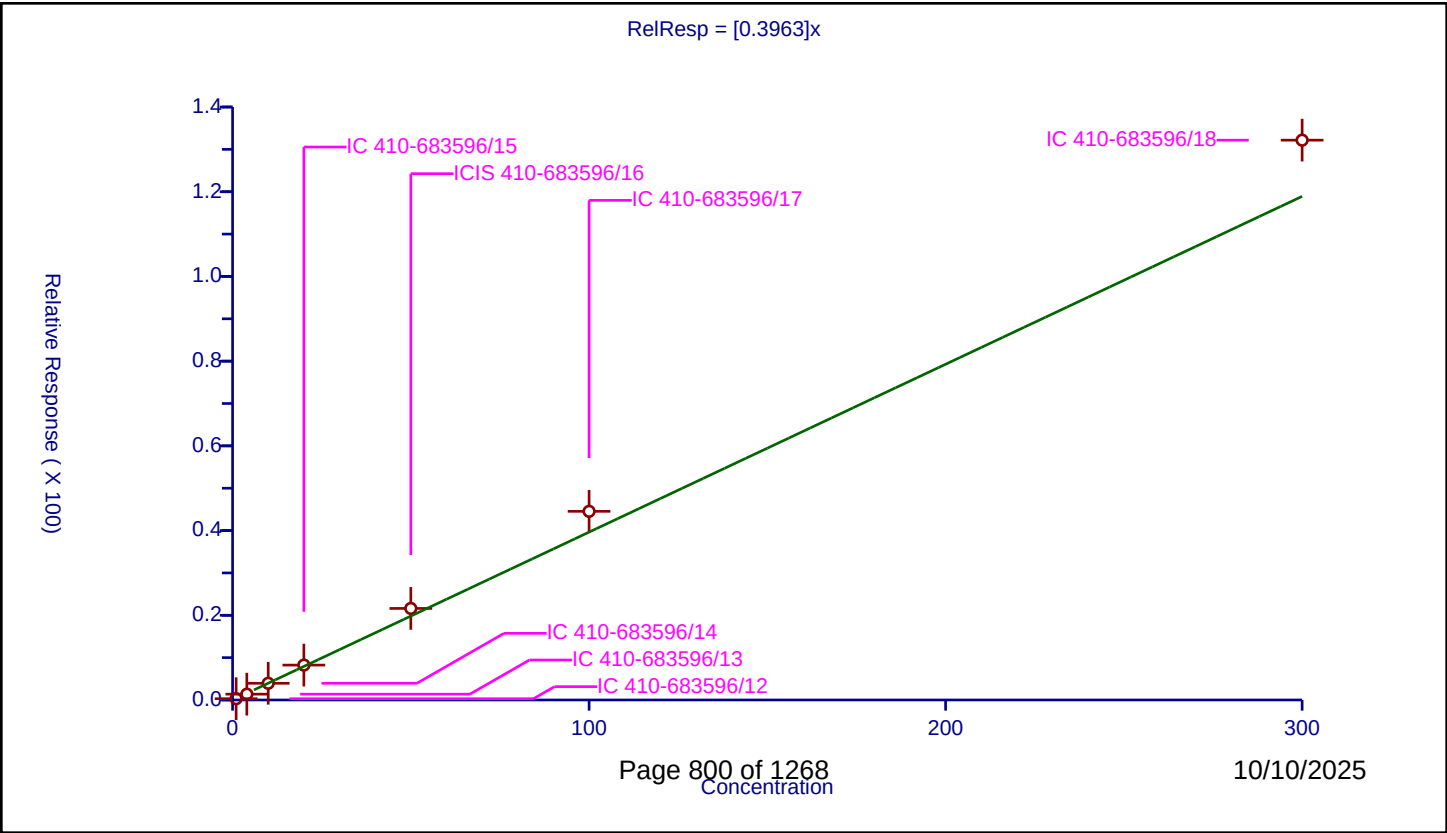
/ cis-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.3963
Error Coefficients	

Relative Standard Deviation: 13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.305124	50.0	1034825.0	0.305124	Y
2	IC 410-683596/13	4.0	1.376745	50.0	1060182.0	0.344186	Y
3	IC 410-683596/14	10.0	3.947205	50.0	1029260.0	0.39472	Y
4	IC 410-683596/15	20.0	8.240532	50.0	1058718.0	0.412027	Y
5	ICIS 410-683596/16	50.0	21.617629	50.0	1071785.0	0.432353	Y
6	IC 410-683596/17	100.0	44.540745	50.0	1063341.0	0.445407	Y
7	IC 410-683596/18	300.0	132.17127	50.0	1117567.0	0.440571	Y



Calibration

/ 4-Methyl-2-pentanone (MIBK)

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

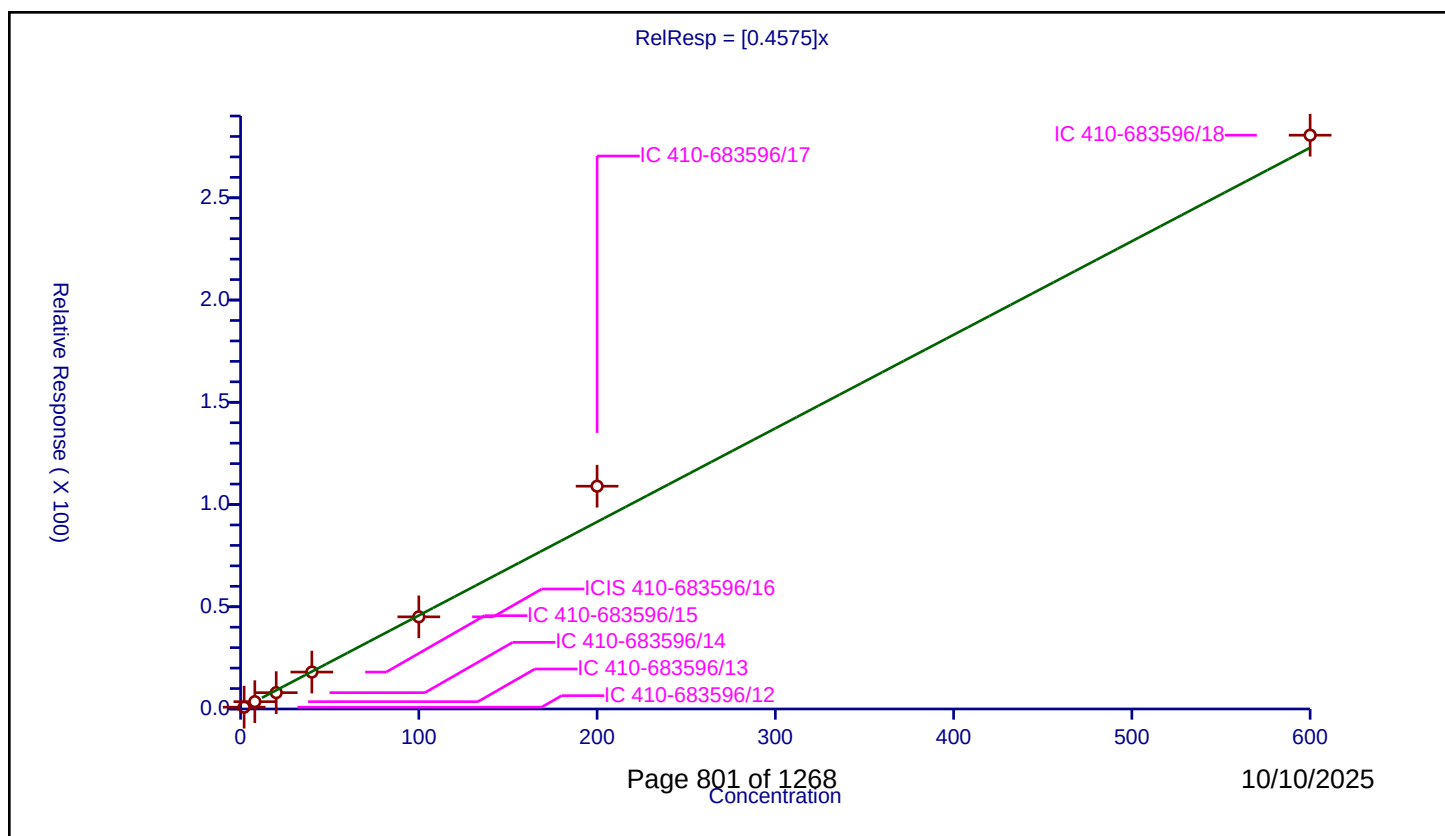
Curve Coefficients

Intercept: 0
Slope: 0.4575

Error Coefficients

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.882275	50.0	1034825.0	0.441137	Y
2	IC 410-683596/13	8.0	3.582168	50.0	1060182.0	0.447771	Y
3	IC 410-683596/14	20.0	7.983648	50.0	1029260.0	0.399182	Y
4	IC 410-683596/15	40.0	18.05221	50.0	1058718.0	0.451305	Y
5	ICIS 410-683596/16	100.0	45.0693	50.0	1071785.0	0.450693	Y
6	IC 410-683596/17	200.0	108.958227	50.0	1063341.0	0.544791	Y
7	IC 410-683596/18	600.0	280.618791	50.0	1117567.0	0.467698	Y



Calibration

/ Toluene-d8 (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

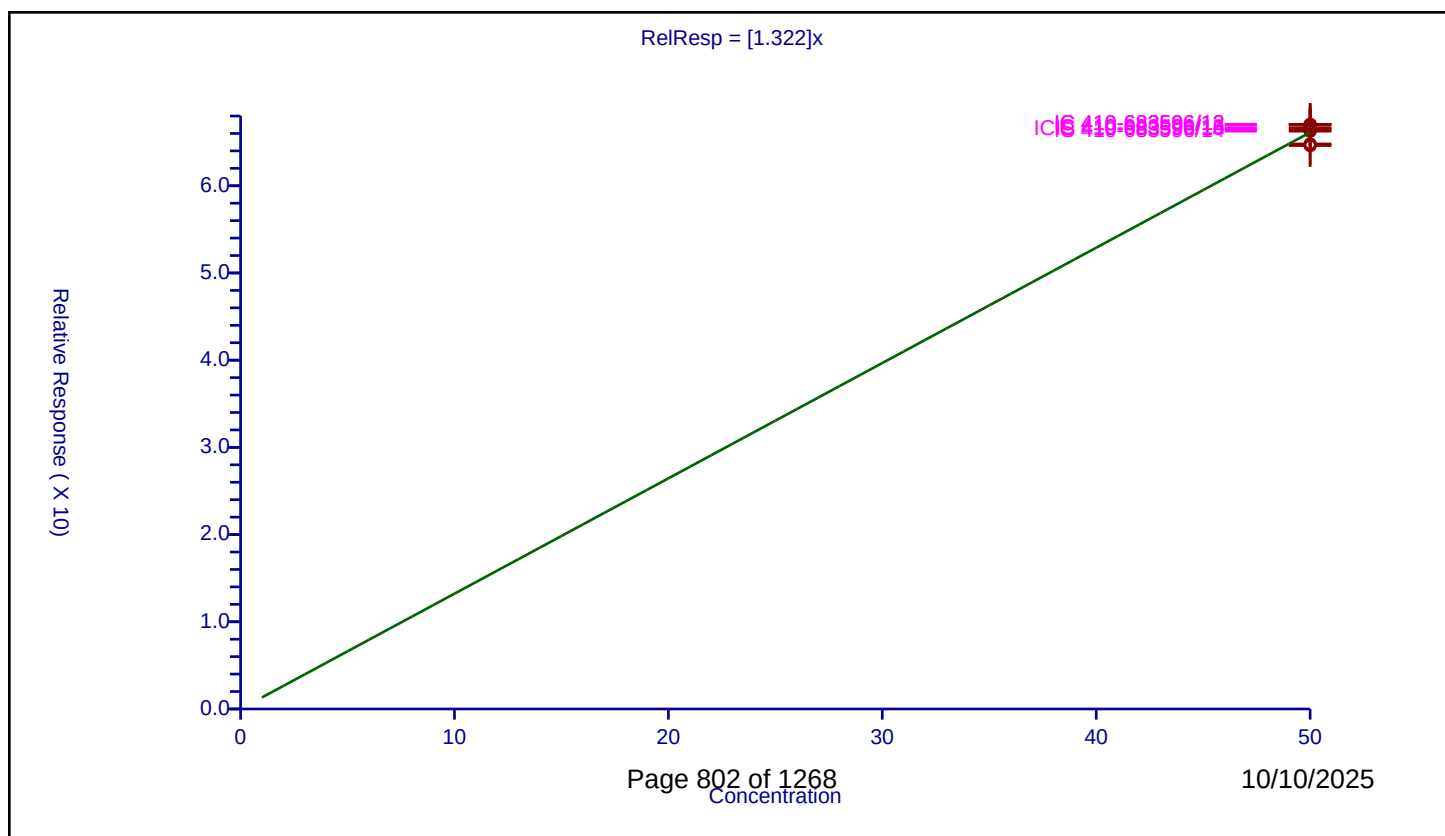
Curve Coefficients

Intercept: 0
 Slope: 1.322

Error Coefficients

Relative Standard Deviation: 1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	67.017825	50.0	733951.0	1.340357	Y
2	IC 410-683596/13	50.0	67.045621	50.0	758183.0	1.340912	Y
3	IC 410-683596/14	50.0	66.262063	50.0	742332.0	1.325241	Y
4	IC 410-683596/15	50.0	66.666754	50.0	767114.0	1.333335	Y
5	ICIS 410-683596/16	50.0	66.448661	50.0	790651.0	1.328973	Y
6	IC 410-683596/17	50.0	64.796802	50.0	816886.0	1.295936	Y
7	IC 410-683596/18	50.0	64.607828	50.0	875777.0	1.292157	Y



Calibration

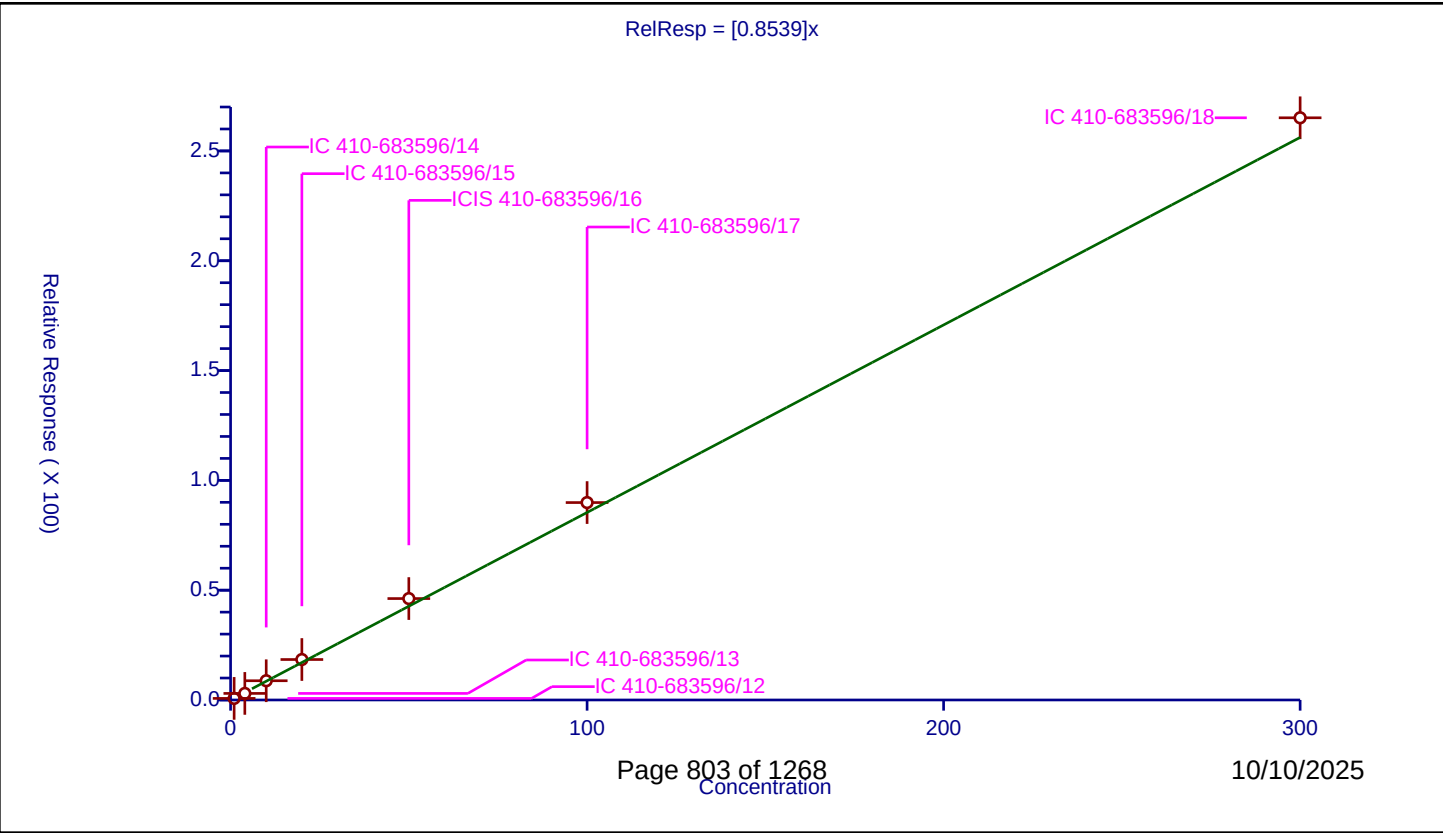
/ Toluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.8539
Error Coefficients	

Relative Standard Deviation: 9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.724912	50.0	733951.0	0.724912	Y
2	IC 410-683596/13	4.0	2.993538	50.0	758183.0	0.748385	Y
3	IC 410-683596/14	10.0	8.763397	50.0	742332.0	0.87634	Y
4	IC 410-683596/15	20.0	18.423728	50.0	767114.0	0.921186	Y
5	ICIS 410-683596/16	50.0	46.180679	50.0	790651.0	0.923614	Y
6	IC 410-683596/17	100.0	89.89553	50.0	816886.0	0.898955	Y
7	IC 410-683596/18	300.0	265.099906	50.0	875777.0	0.883666	Y



Calibration

/ trans-1,3-Dichloropropene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

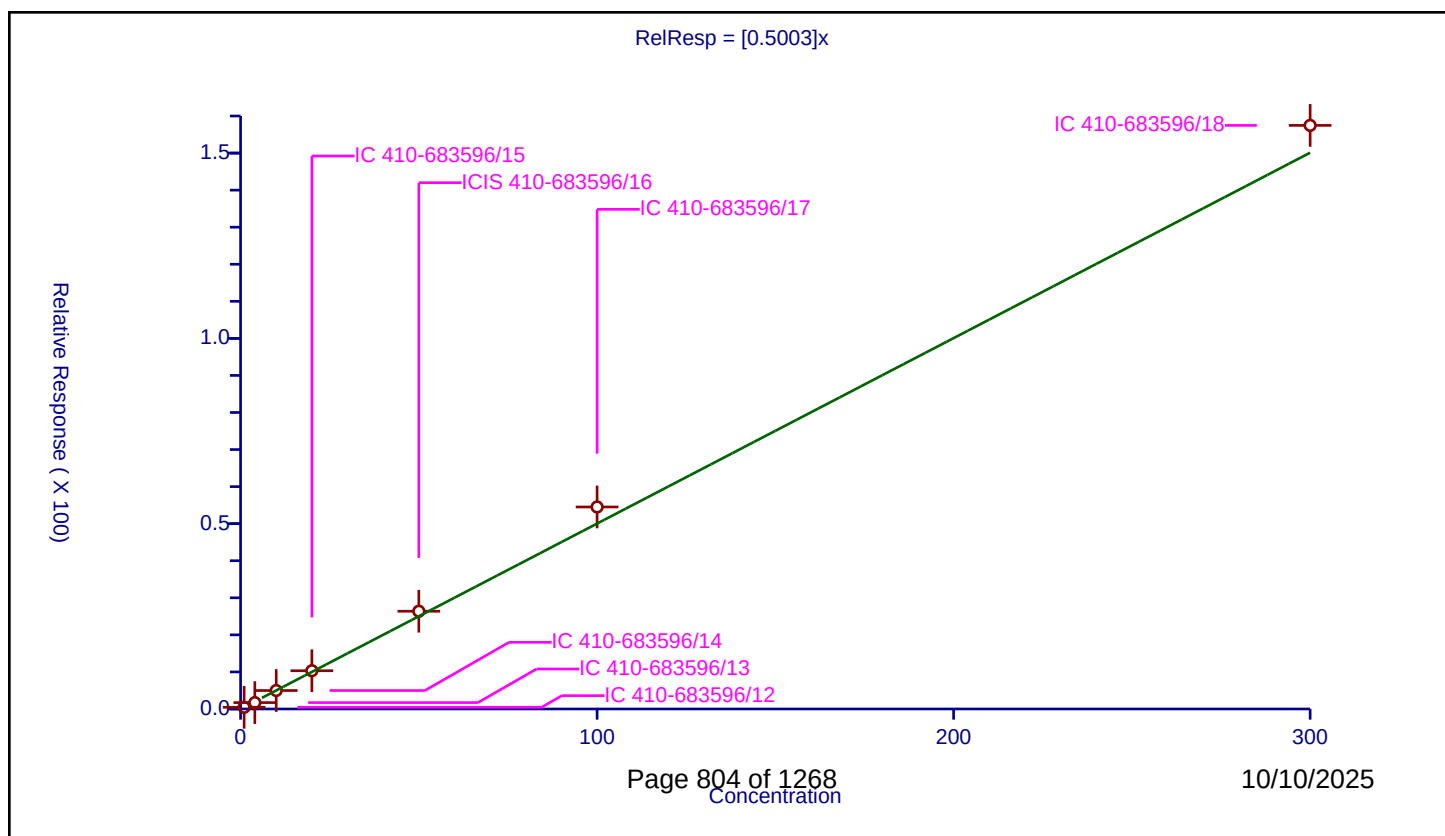
Curve Coefficients

Intercept: 0
Slope: 0.5003

Error Coefficients

Relative Standard Deviation: 8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.459159	50.0	733951.0	0.459159	Y
2	IC 410-683596/13	4.0	1.725639	50.0	758183.0	0.43141	Y
3	IC 410-683596/14	10.0	4.983013	50.0	742332.0	0.498301	Y
4	IC 410-683596/15	20.0	10.320435	50.0	767114.0	0.516022	Y
5	ICIS 410-683596/16	50.0	26.371496	50.0	790651.0	0.52743	Y
6	IC 410-683596/17	100.0	54.50883	50.0	816886.0	0.545088	Y
7	IC 410-683596/18	300.0	157.46657	50.0	875777.0	0.524889	Y



Calibration

/ Ethyl methacrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

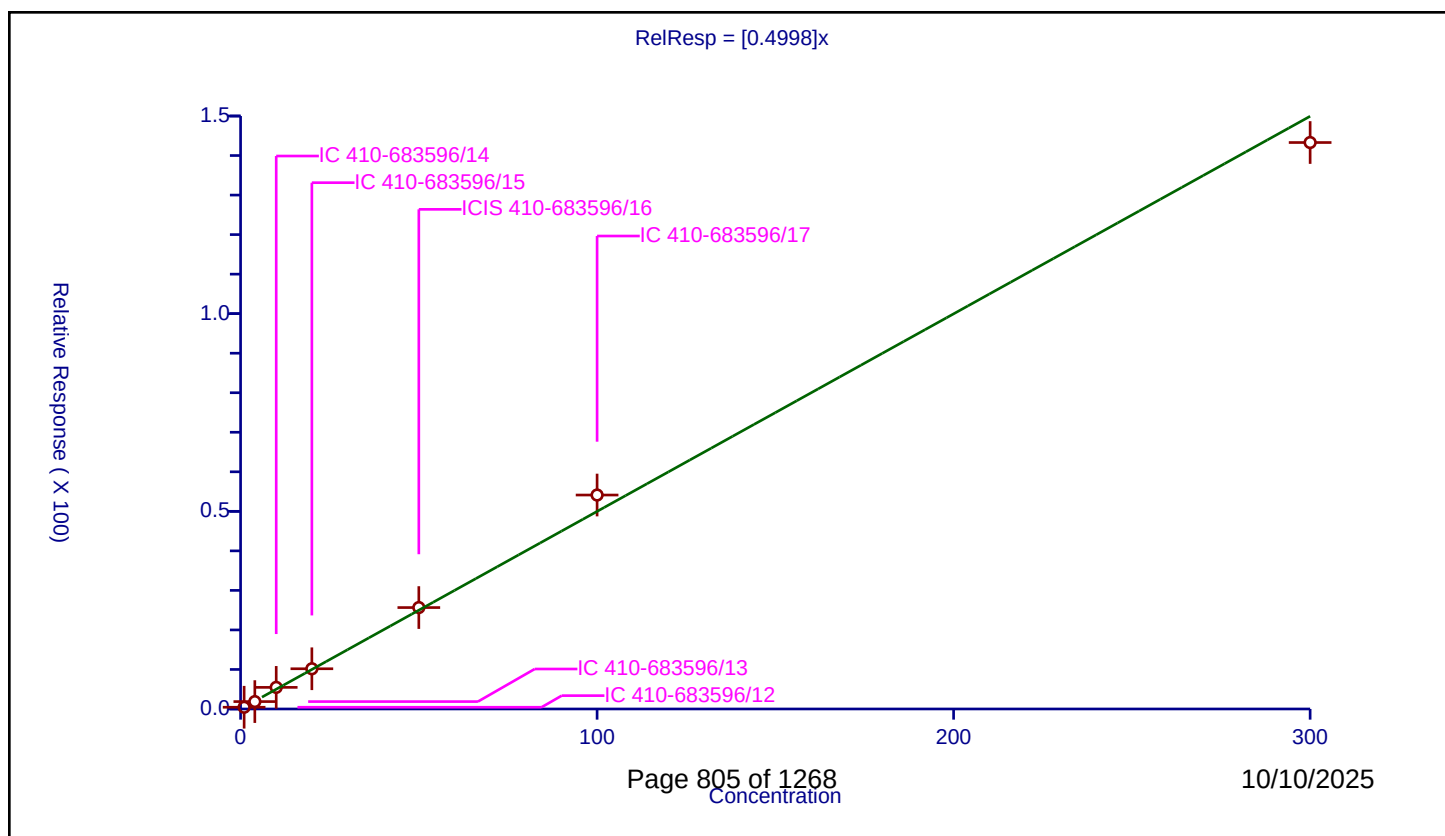
Curve Coefficients

Intercept: 0
Slope: 0.4998

Error Coefficients

Relative Standard Deviation: 7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.443286	50.0	733951.0	0.443286	Y
2	IC 410-683596/13	4.0	1.870788	50.0	758183.0	0.467697	Y
3	IC 410-683596/14	10.0	5.466624	50.0	742332.0	0.546662	Y
4	IC 410-683596/15	20.0	10.175737	50.0	767114.0	0.508787	Y
5	ICIS 410-683596/16	50.0	25.660121	50.0	790651.0	0.513202	Y
6	IC 410-683596/17	100.0	54.124933	50.0	816886.0	0.541249	Y
7	IC 410-683596/18	300.0	143.292756	50.0	875777.0	0.477643	Y



Calibration

/ 1,1,2-Trichloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

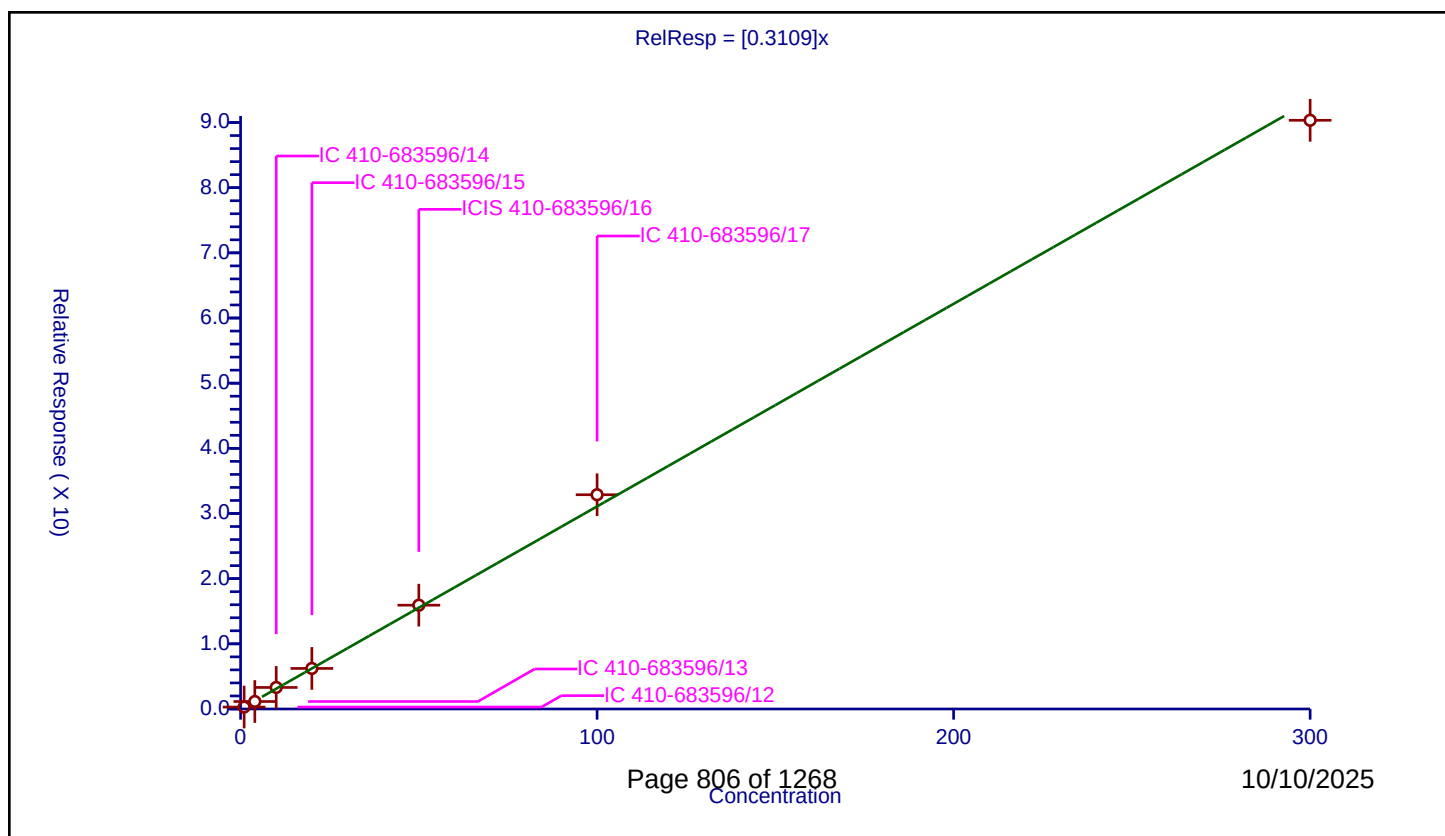
Curve Coefficients

Intercept: 0
Slope: 0.3109

Error Coefficients

Relative Standard Deviation: 5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.298658	50.0	733951.0	0.298658	Y
2	IC 410-683596/13	4.0	1.148272	50.0	758183.0	0.287068	Y
3	IC 410-683596/14	10.0	3.306337	50.0	742332.0	0.330634	Y
4	IC 410-683596/15	20.0	6.223195	50.0	767114.0	0.31116	Y
5	ICIS 410-683596/16	50.0	15.931429	50.0	790651.0	0.318629	Y
6	IC 410-683596/17	100.0	32.881883	50.0	816886.0	0.328819	Y
7	IC 410-683596/18	300.0	90.343718	50.0	875777.0	0.301146	Y



Calibration

/ Tetrachloroethene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

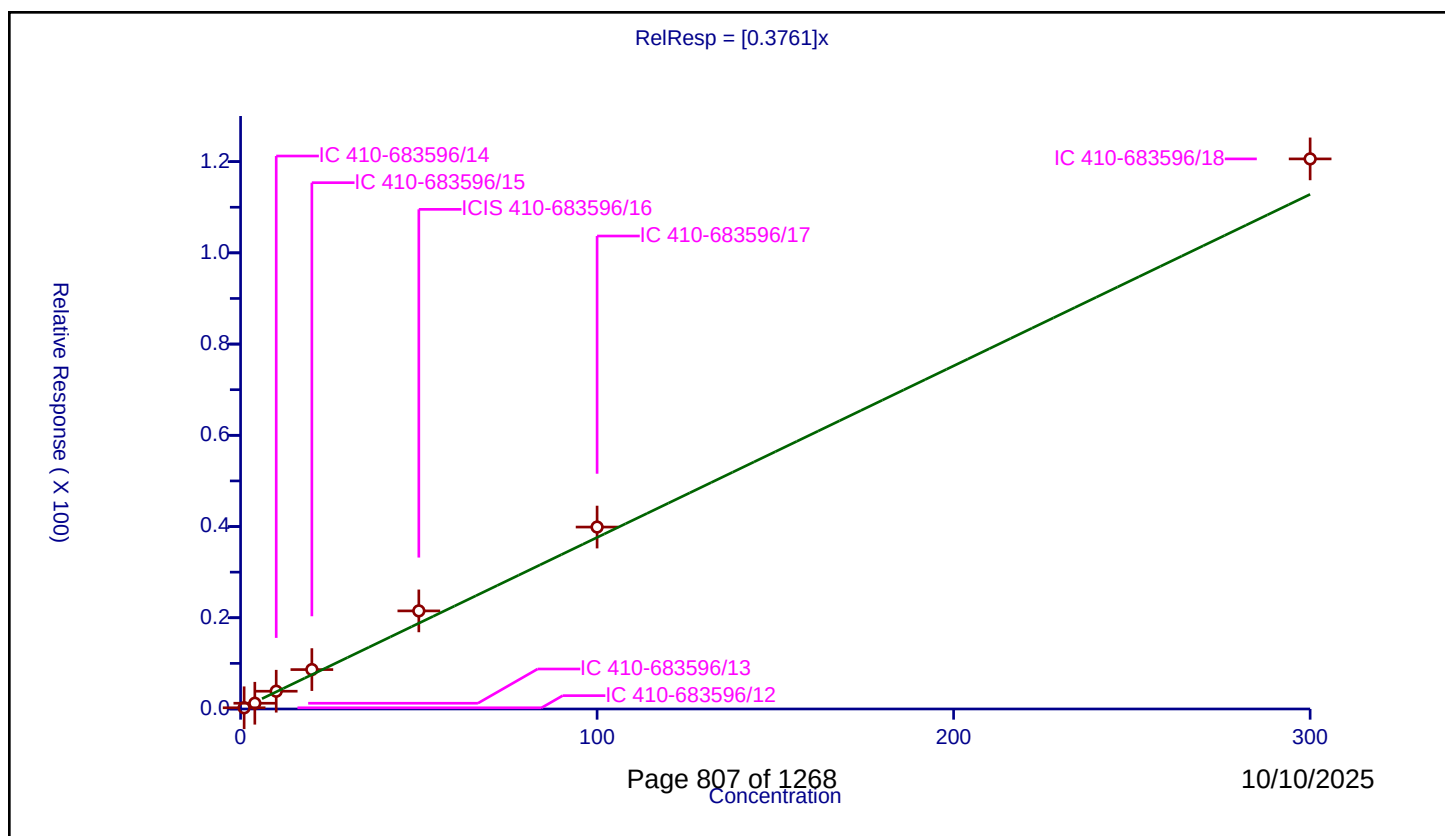
Curve Coefficients

Intercept: 0
Slope: 0.3761

Error Coefficients

Relative Standard Deviation: 16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.26514	50.0	733951.0	0.26514	Y
2	IC 410-683596/13	4.0	1.259261	50.0	758183.0	0.314815	Y
3	IC 410-683596/14	10.0	3.897178	50.0	742332.0	0.389718	Y
4	IC 410-683596/15	20.0	8.640632	50.0	767114.0	0.432032	Y
5	ICIS 410-683596/16	50.0	21.504115	50.0	790651.0	0.430082	Y
6	IC 410-683596/17	100.0	39.887389	50.0	816886.0	0.398874	Y
7	IC 410-683596/18	300.0	120.601078	50.0	875777.0	0.402004	Y



Calibration

/ 1,3-Dichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

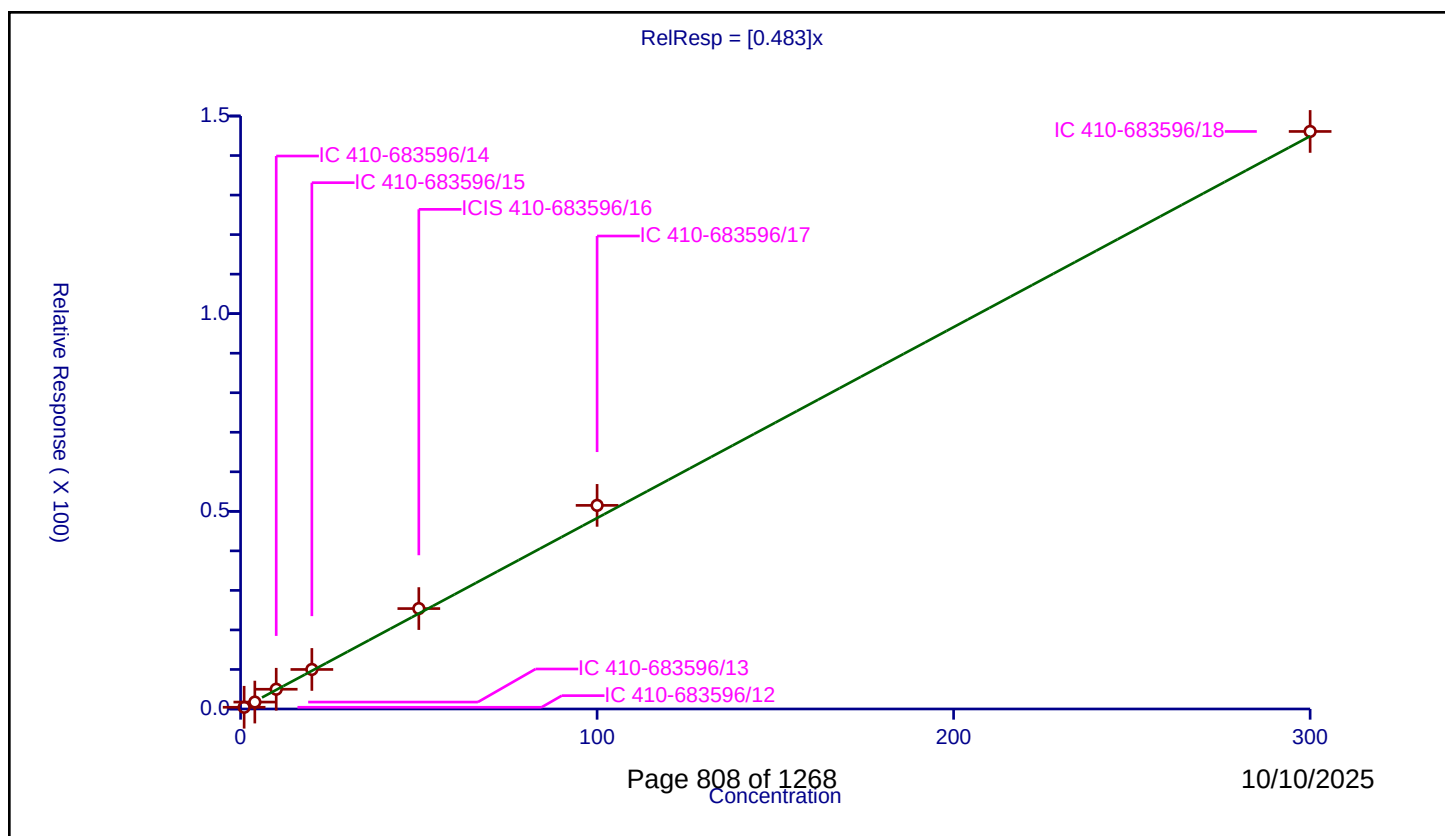
Curve Coefficients

Intercept: 0
Slope: 0.483

Error Coefficients

Relative Standard Deviation: 6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.434157	50.0	733951.0	0.434157	Y
2	IC 410-683596/13	4.0	1.747269	50.0	758183.0	0.436817	Y
3	IC 410-683596/14	10.0	4.996147	50.0	742332.0	0.499615	Y
4	IC 410-683596/15	20.0	10.003728	50.0	767114.0	0.500186	Y
5	ICIS 410-683596/16	50.0	25.402864	50.0	790651.0	0.508057	Y
6	IC 410-683596/17	100.0	51.504249	50.0	816886.0	0.515042	Y
7	IC 410-683596/18	300.0	146.095467	50.0	875777.0	0.486985	Y



Calibration

/ 2-Hexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

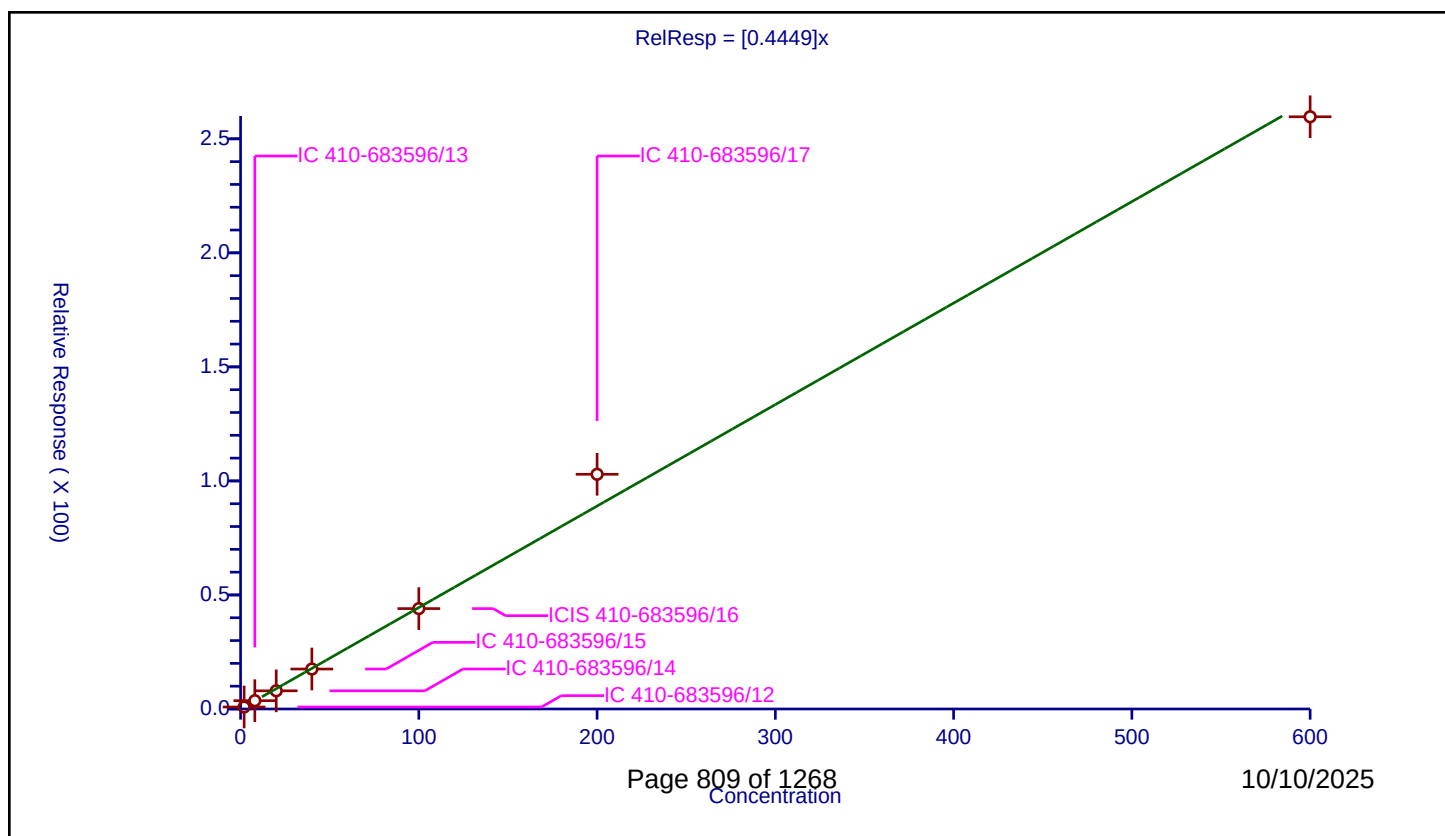
Curve Coefficients

Intercept: 0
Slope: 0.4449

Error Coefficients

Relative Standard Deviation: 7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.871175	50.0	733951.0	0.435588	Y
2	IC 410-683596/13	8.0	3.639425	50.0	758183.0	0.454928	Y
3	IC 410-683596/14	20.0	7.968335	50.0	742332.0	0.398417	Y
4	IC 410-683596/15	40.0	17.518713	50.0	767114.0	0.437968	Y
5	ICIS 410-683596/16	100.0	44.014363	50.0	790651.0	0.440144	Y
6	IC 410-683596/17	200.0	102.916135	50.0	816886.0	0.514581	Y
7	IC 410-683596/18	600.0	259.667472	50.0	875777.0	0.432779	Y



Calibration

/ Chlorodibromomethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

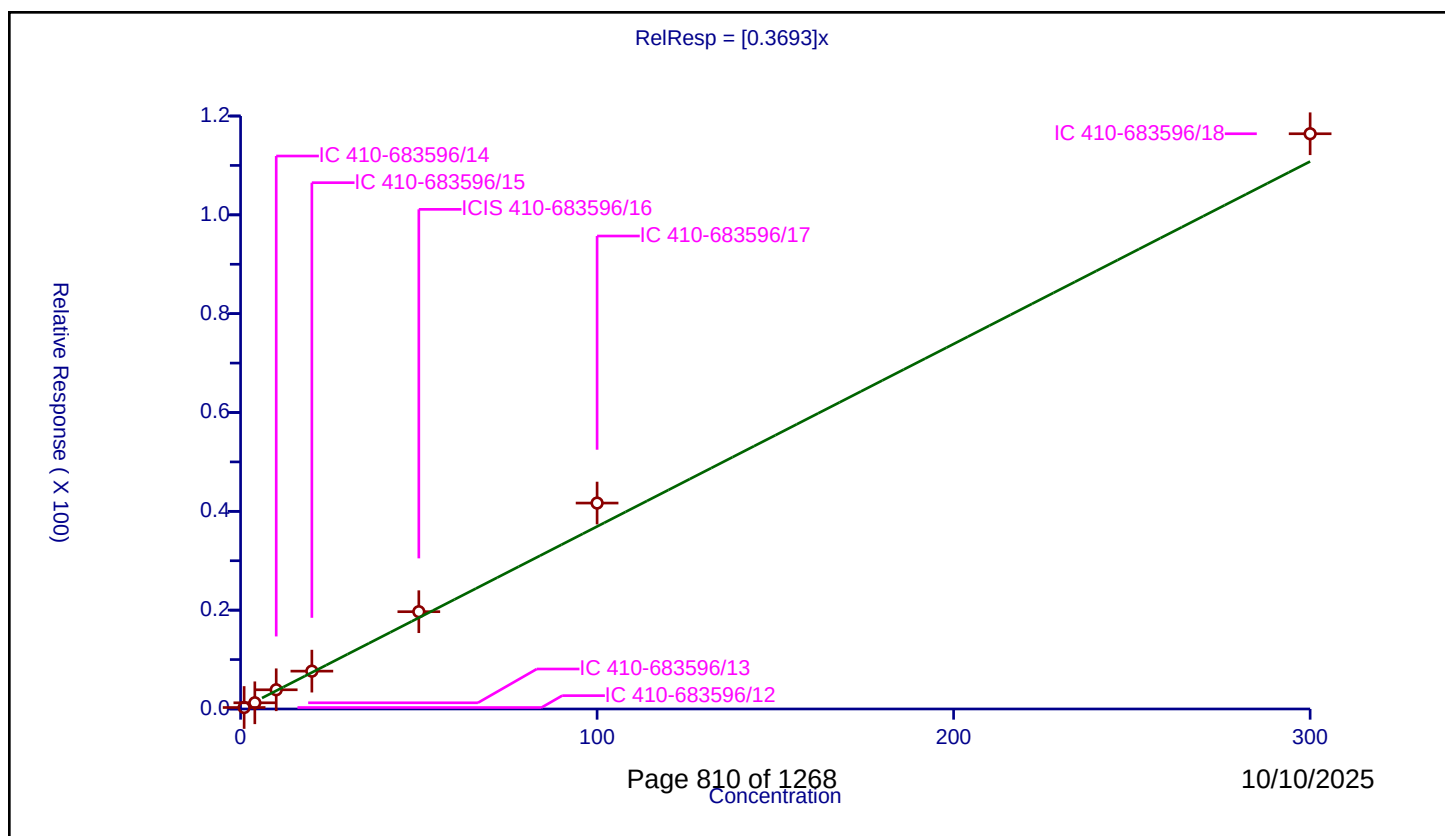
Curve Coefficients

Intercept: 0
Slope: 0.3693

Error Coefficients

Relative Standard Deviation: 11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.301042	50.0	733951.0	0.301042	Y
2	IC 410-683596/13	4.0	1.256689	50.0	758183.0	0.314172	Y
3	IC 410-683596/14	10.0	3.886401	50.0	742332.0	0.38864	Y
4	IC 410-683596/15	20.0	7.657923	50.0	767114.0	0.382896	Y
5	ICIS 410-683596/16	50.0	19.689092	50.0	790651.0	0.393782	Y
6	IC 410-683596/17	100.0	41.675766	50.0	816886.0	0.416758	Y
7	IC 410-683596/18	300.0	116.412055	50.0	875777.0	0.38804	Y



Calibration

/ Ethylene Dibromide

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

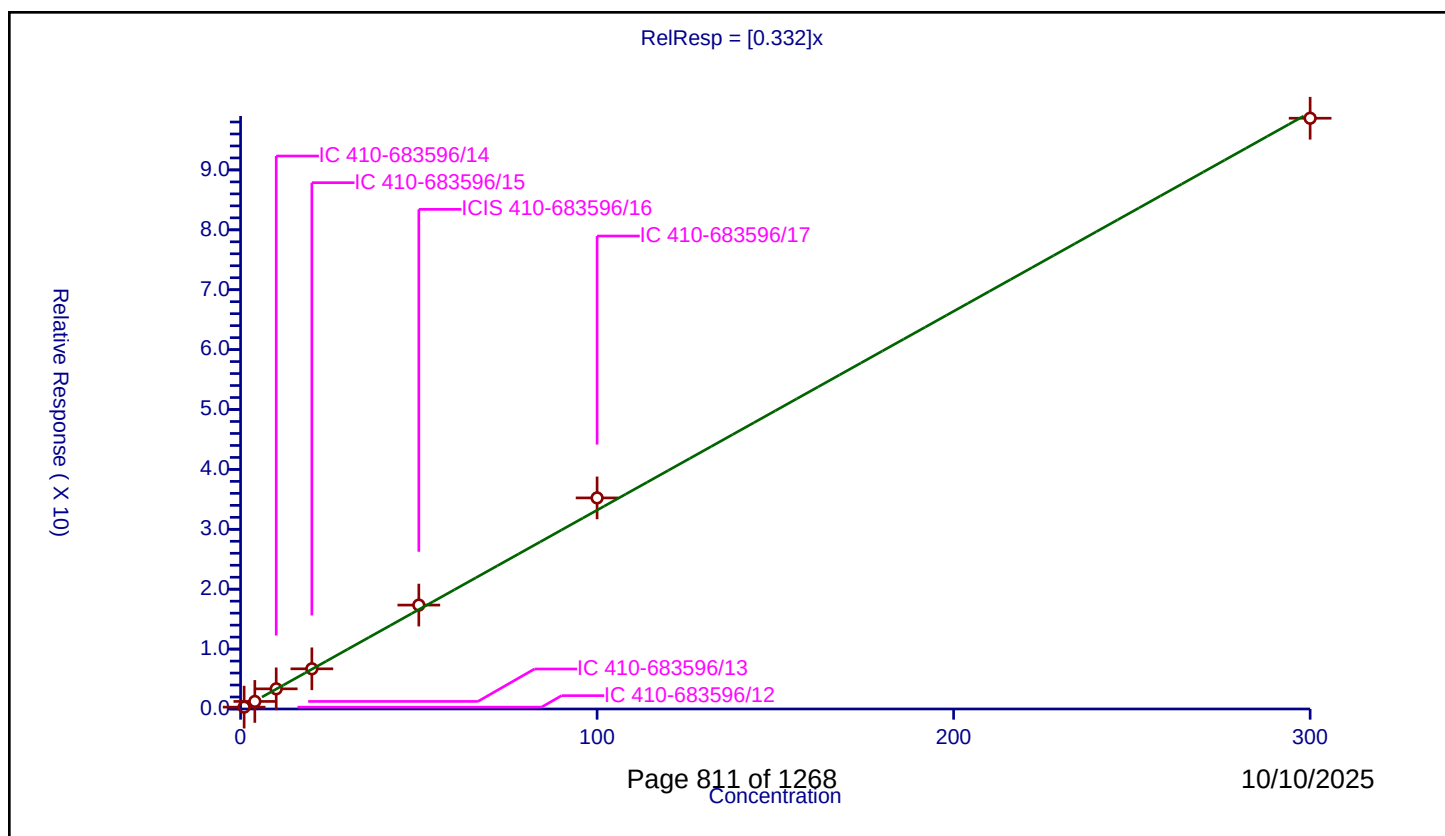
Curve Coefficients

Intercept: 0
Slope: 0.332

Error Coefficients

Relative Standard Deviation: 4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.308944	50.0	733951.0	0.308944	Y
2	IC 410-683596/13	4.0	1.260448	50.0	758183.0	0.315112	Y
3	IC 410-683596/14	10.0	3.364398	50.0	742332.0	0.33644	Y
4	IC 410-683596/15	20.0	6.705587	50.0	767114.0	0.335279	Y
5	ICIS 410-683596/16	50.0	17.346149	50.0	790651.0	0.346923	Y
6	IC 410-683596/17	100.0	35.241882	50.0	816886.0	0.352419	Y
7	IC 410-683596/18	300.0	98.631101	50.0	875777.0	0.32877	Y



Calibration

/ 1-Chlorohexane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

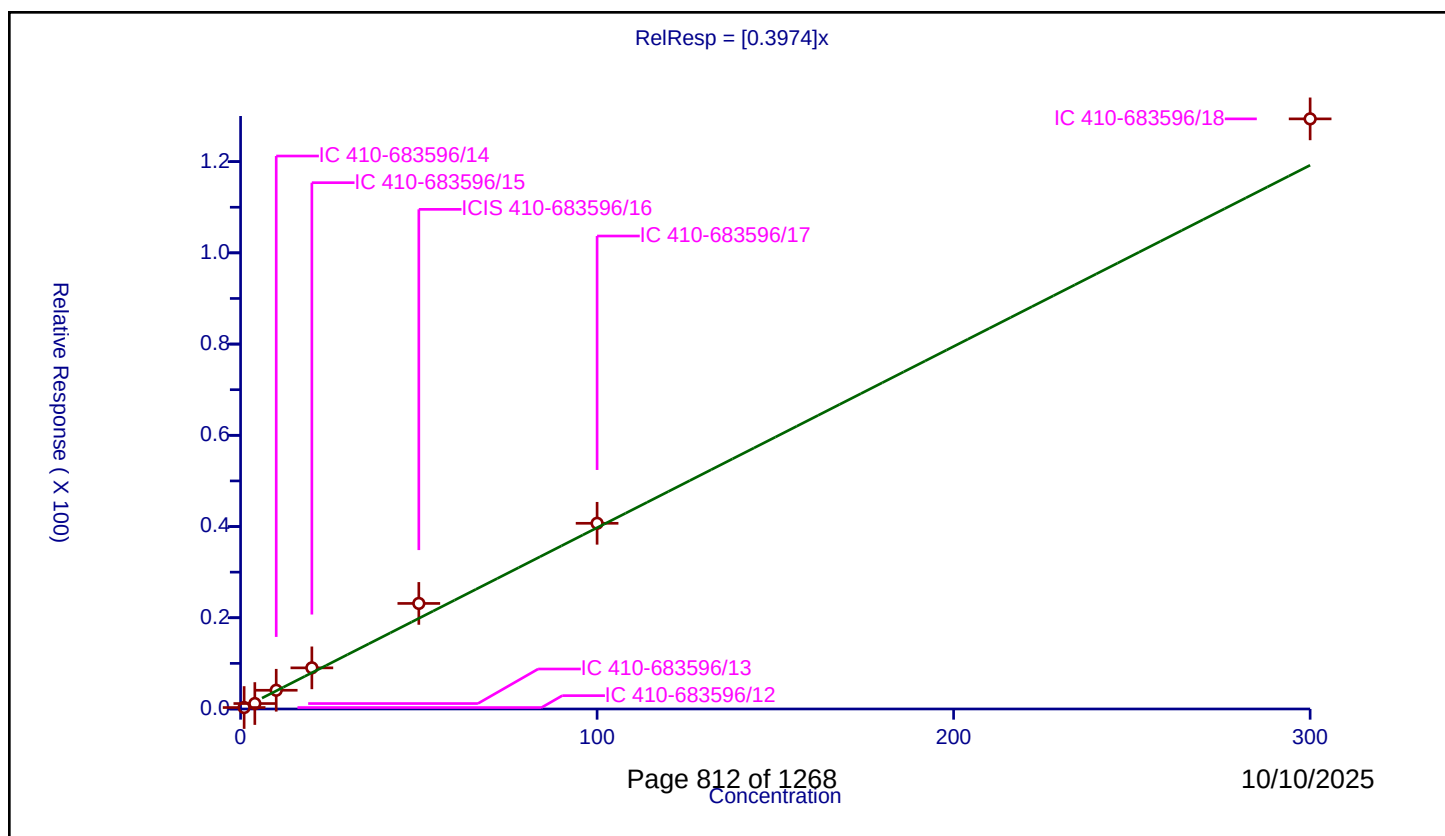
Curve Coefficients

Intercept: 0
Slope: 0.3974

Error Coefficients

Relative Standard Deviation: 16.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.320594	50.0	733951.0	0.320594	Y
2	IC 410-683596/13	4.0	1.192654	50.0	758183.0	0.298164	Y
3	IC 410-683596/14	10.0	4.106855	50.0	742332.0	0.410686	Y
4	IC 410-683596/15	20.0	9.019194	50.0	767114.0	0.45096	Y
5	ICIS 410-683596/16	50.0	23.143776	50.0	790651.0	0.462876	Y
6	IC 410-683596/17	100.0	40.710148	50.0	816886.0	0.407101	Y
7	IC 410-683596/18	300.0	129.37403	50.0	875777.0	0.431247	Y



Calibration

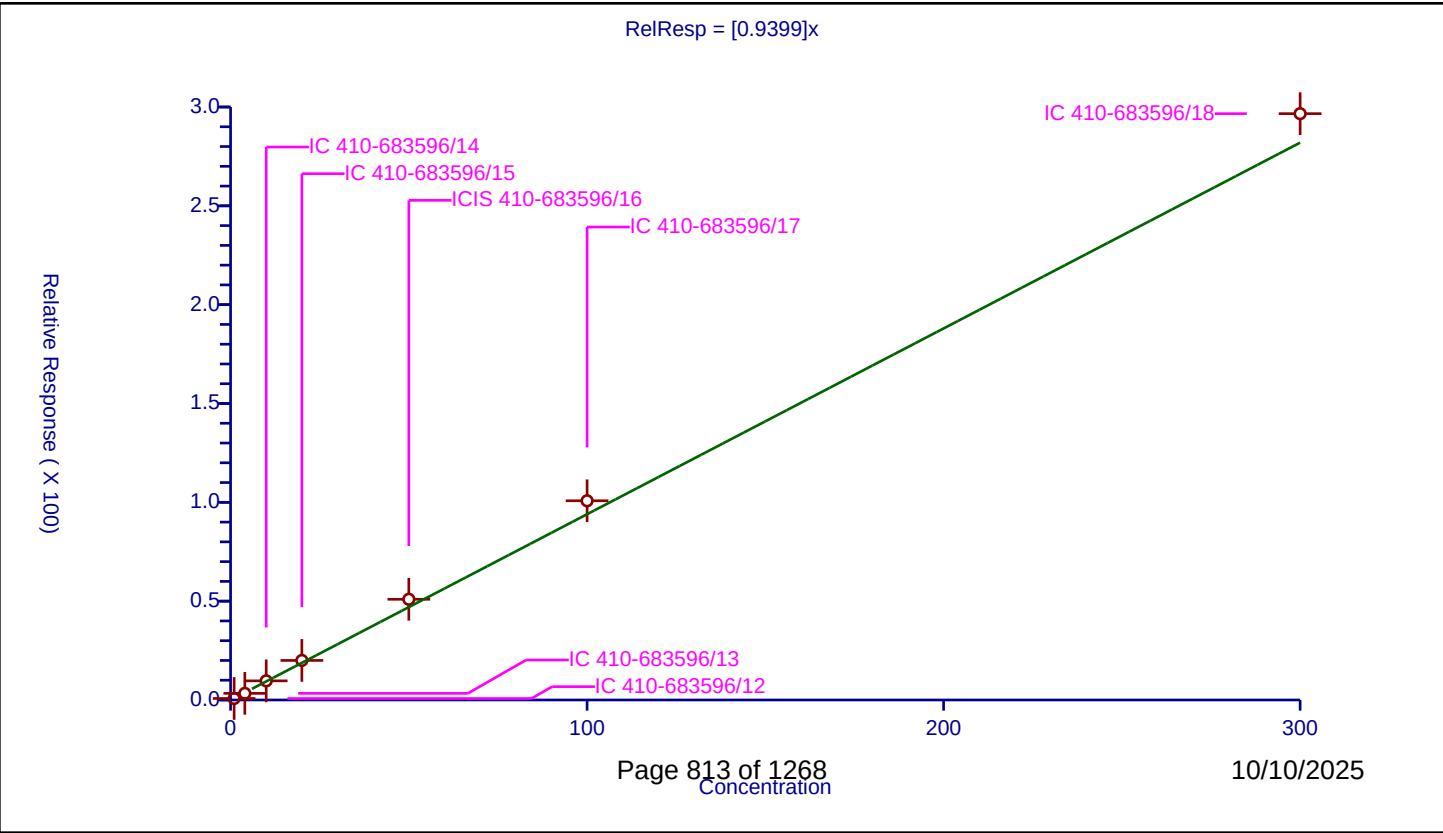
/ Chlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

Curve Coefficients	
Intercept:	0
Slope:	0.9399
Error Coefficients	

Relative Standard Deviation: 10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.756931	50.0	733951.0	0.756931	Y
2	IC 410-683596/13	4.0	3.350115	50.0	758183.0	0.837529	Y
3	IC 410-683596/14	10.0	9.68273	50.0	742332.0	0.968273	Y
4	IC 410-683596/15	20.0	20.011758	50.0	767114.0	1.000588	Y
5	ICIS 410-683596/16	50.0	50.953328	50.0	790651.0	1.019067	Y
6	IC 410-683596/17	100.0	100.78279	50.0	816886.0	1.007828	Y
7	IC 410-683596/18	300.0	296.643209	50.0	875777.0	0.988811	Y



Calibration

/ 1,1,1,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

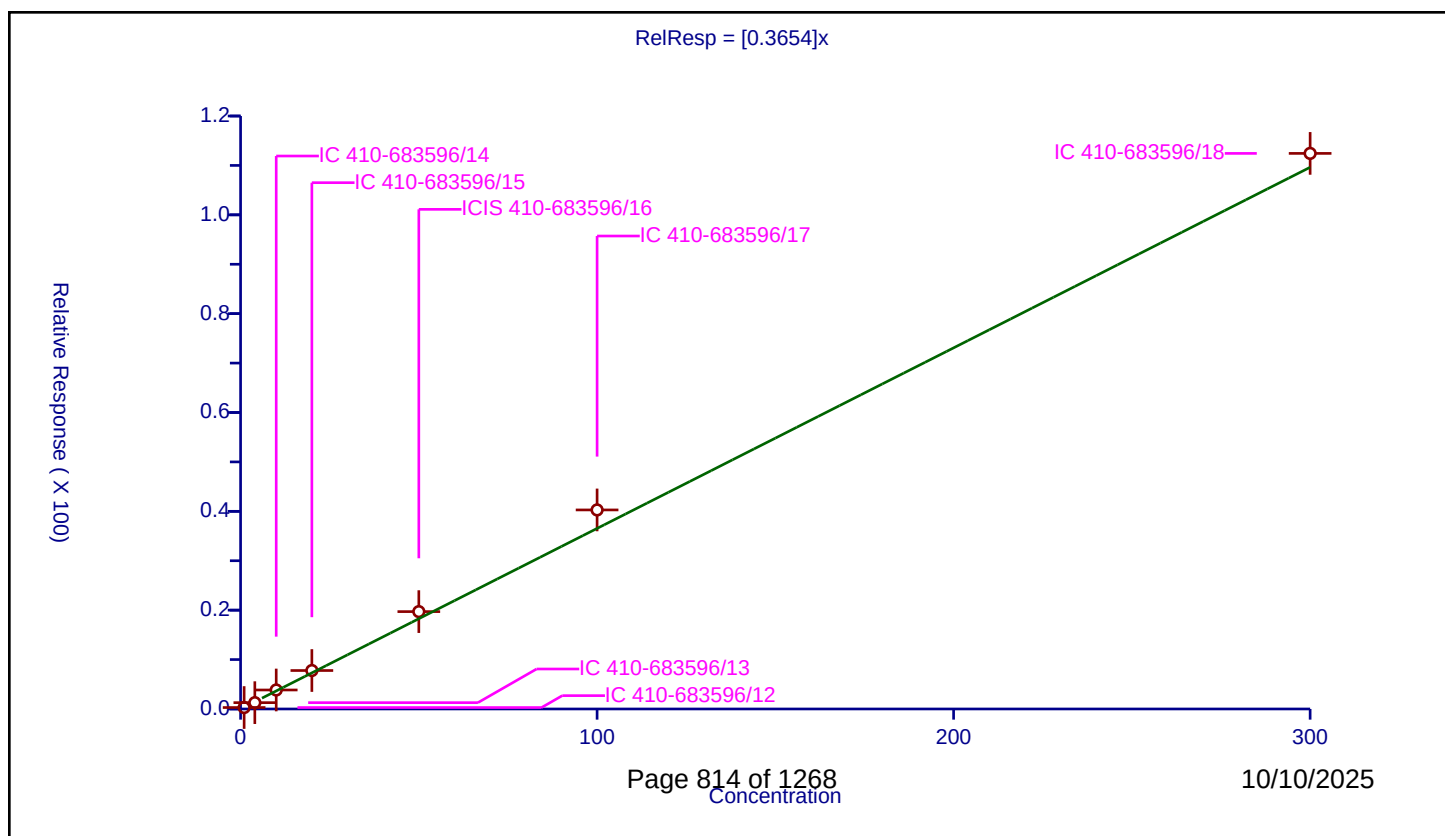
Curve Coefficients

Intercept: 0
Slope: 0.3654

Error Coefficients

Relative Standard Deviation: 11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.292049	50.0	733951.0	0.292049	Y
2	IC 410-683596/13	4.0	1.281221	50.0	758183.0	0.320305	Y
3	IC 410-683596/14	10.0	3.845584	50.0	742332.0	0.384558	Y
4	IC 410-683596/15	20.0	7.784697	50.0	767114.0	0.389235	Y
5	ICIS 410-683596/16	50.0	19.707178	50.0	790651.0	0.394144	Y
6	IC 410-683596/17	100.0	40.280039	50.0	816886.0	0.4028	Y
7	IC 410-683596/18	300.0	112.432274	50.0	875777.0	0.374774	Y



Calibration

/ Ethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

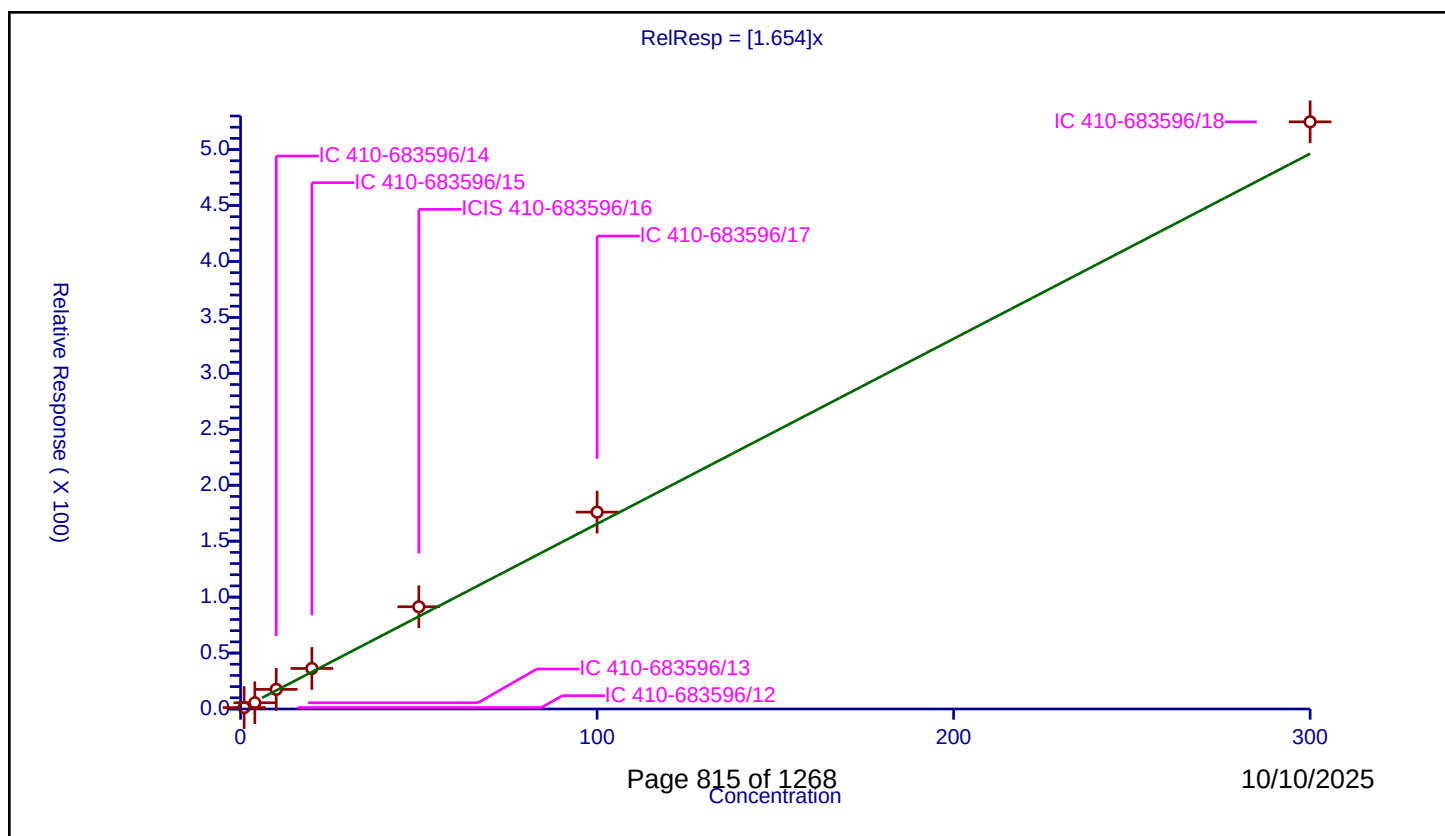
Curve Coefficients

Intercept: 0
Slope: 1.654

Error Coefficients

Relative Standard Deviation: 13.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.291367	50.0	733951.0	1.291367	Y
2	IC 410-683596/13	4.0	5.557695	50.0	758183.0	1.389424	Y
3	IC 410-683596/14	10.0	17.533934	50.0	742332.0	1.753393	Y
4	IC 410-683596/15	20.0	36.208634	50.0	767114.0	1.810432	Y
5	ICIS 410-683596/16	50.0	91.369517	50.0	790651.0	1.82739	Y
6	IC 410-683596/17	100.0	175.952581	50.0	816886.0	1.759526	Y
7	IC 410-683596/18	300.0	524.806429	50.0	875777.0	1.749355	Y



Calibration

/ m-Xylene & p-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

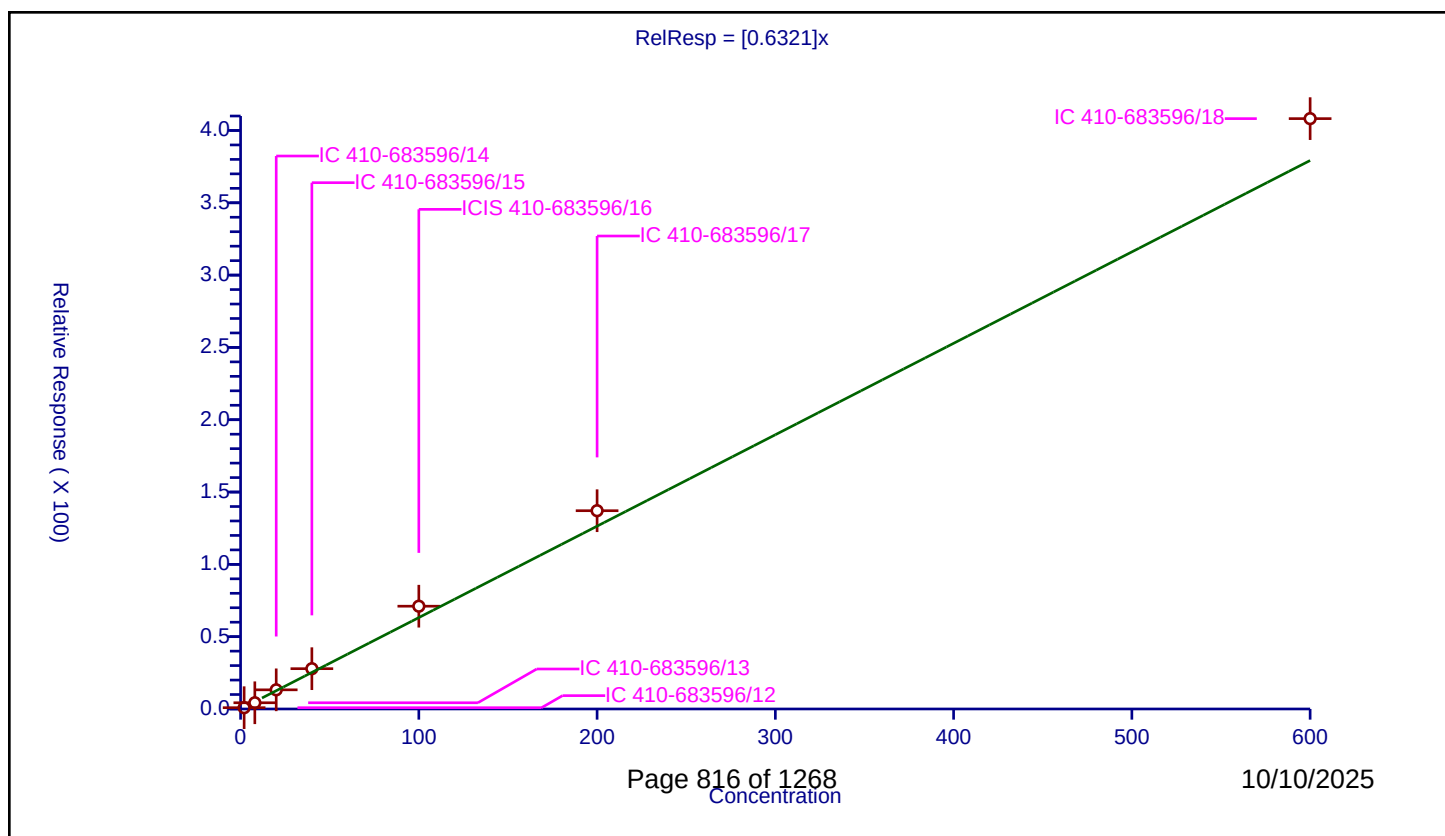
Curve Coefficients

Intercept: 0
Slope: 0.6321

Error Coefficients

Relative Standard Deviation: 15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.0	0.899583	50.0	733951.0	0.449792	Y
2	IC 410-683596/13	8.0	4.311294	50.0	758183.0	0.538912	Y
3	IC 410-683596/14	20.0	13.255322	50.0	742332.0	0.662766	Y
4	IC 410-683596/15	40.0	27.861048	50.0	767114.0	0.696526	Y
5	ICIS 410-683596/16	100.0	71.07137	50.0	790651.0	0.710714	Y
6	IC 410-683596/17	200.0	137.104994	50.0	816886.0	0.685525	Y
7	IC 410-683596/18	600.0	408.197121	50.0	875777.0	0.680329	Y



Calibration

/ n-Butyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

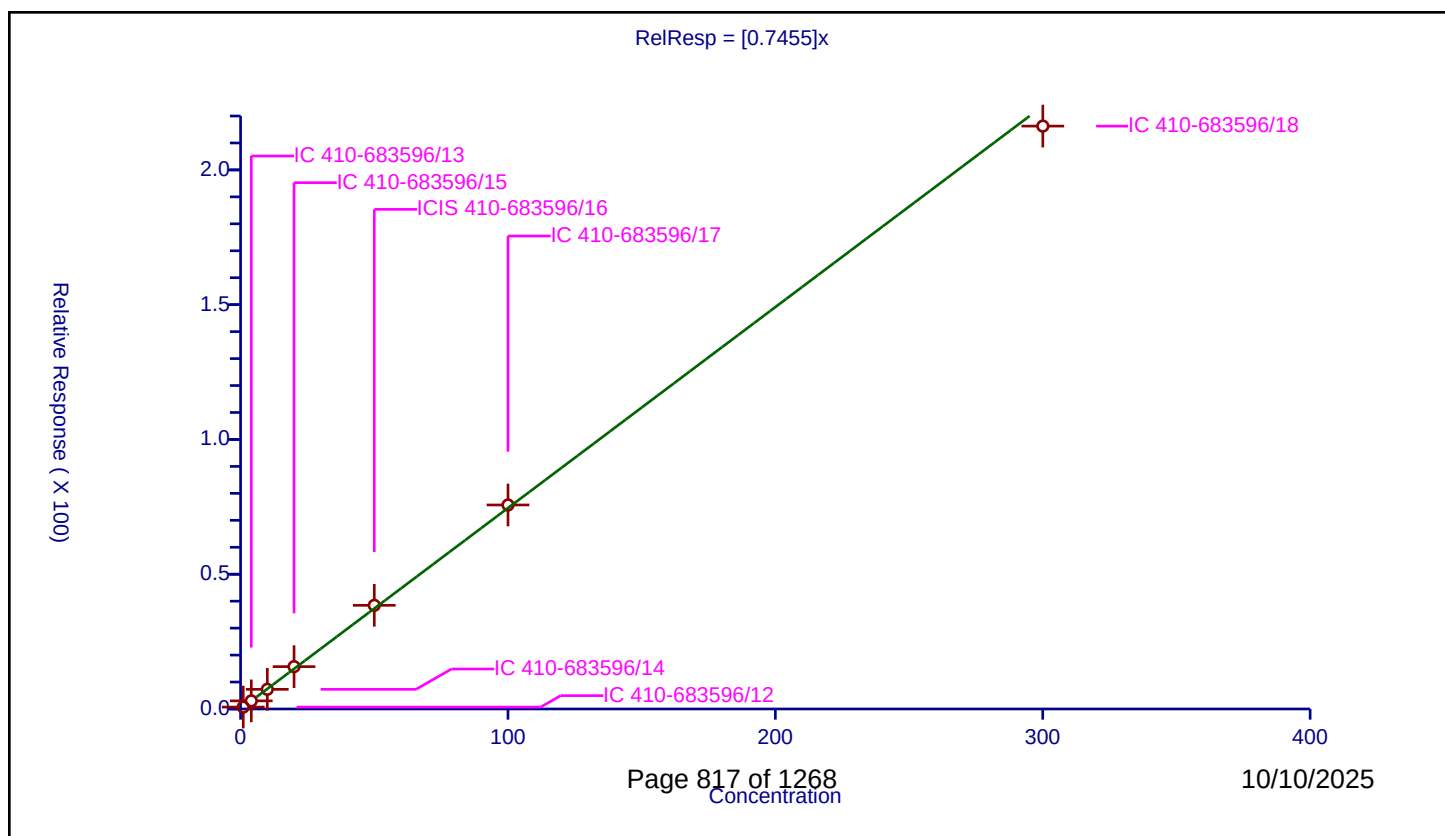
Curve Coefficients

Intercept: 0
Slope: 0.7455

Error Coefficients

Relative Standard Deviation: 3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.00011	0.704747	50.0	733951.0	0.70467	Y
2	IC 410-683596/13	4.00044	3.008179	50.0	758183.0	0.751962	Y
3	IC 410-683596/14	10.0011	7.296668	50.0	742332.0	0.729587	Y
4	IC 410-683596/15	20.0022	15.719306	50.0	767114.0	0.785879	Y
5	ICIS 410-683596/16	50.0055	38.458308	50.0	790651.0	0.769082	Y
6	IC 410-683596/17	100.011	75.687244	50.0	816886.0	0.756789	Y
7	IC 410-683596/18	300.033	216.260418	50.0	875777.0	0.720789	Y



Calibration

/ o-Xylene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

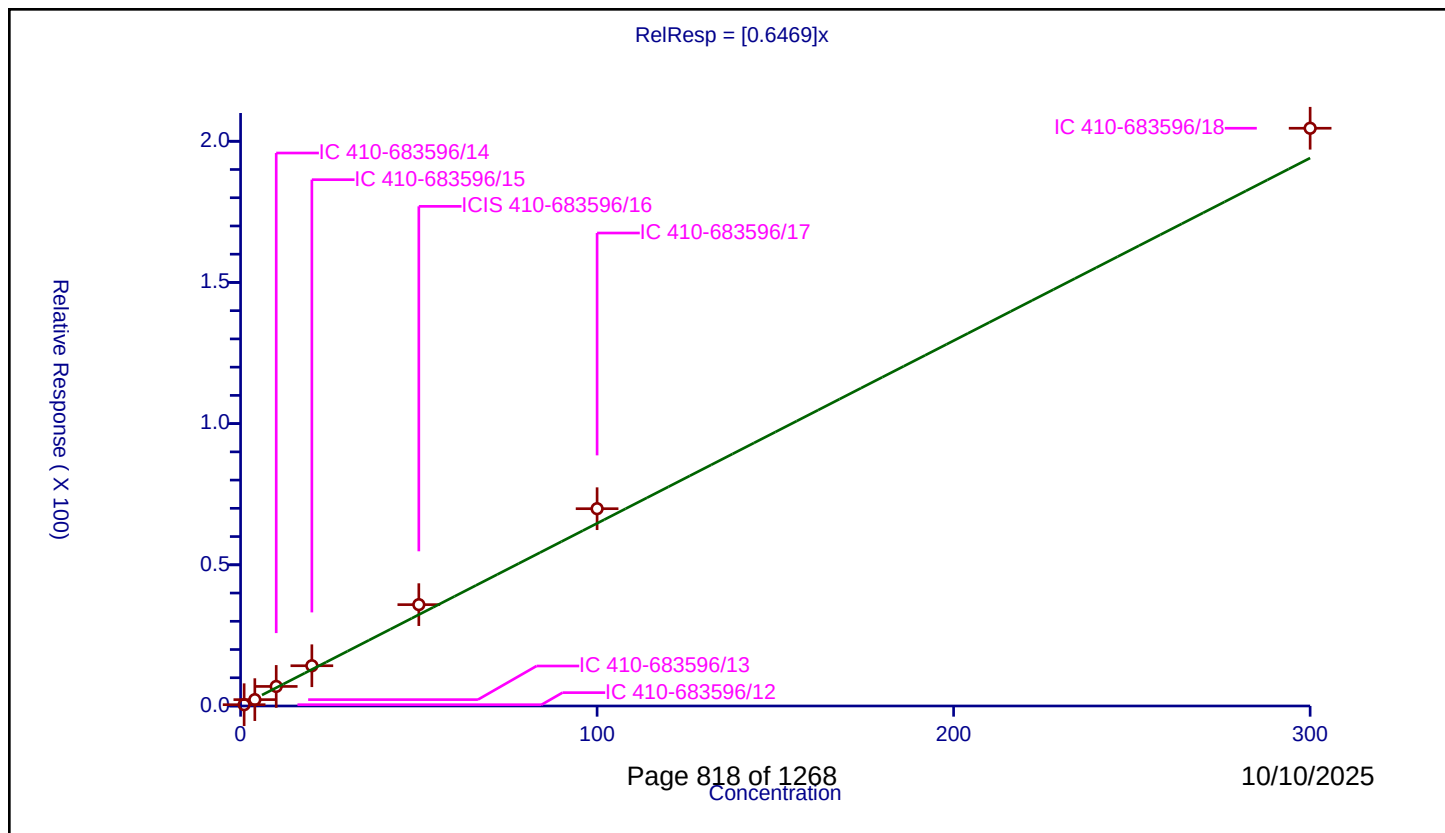
Curve Coefficients

Intercept: 0
Slope: 0.6469

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.46202	50.0	733951.0	0.46202	Y
2	IC 410-683596/13	4.0	2.24761	50.0	758183.0	0.561903	Y
3	IC 410-683596/14	10.0	6.928638	50.0	742332.0	0.692864	Y
4	IC 410-683596/15	20.0	14.251598	50.0	767114.0	0.71258	Y
5	ICIS 410-683596/16	50.0	35.894092	50.0	790651.0	0.717882	Y
6	IC 410-683596/17	100.0	69.873458	50.0	816886.0	0.698735	Y
7	IC 410-683596/18	300.0	204.605282	50.0	875777.0	0.682018	Y



Calibration

/ Styrene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

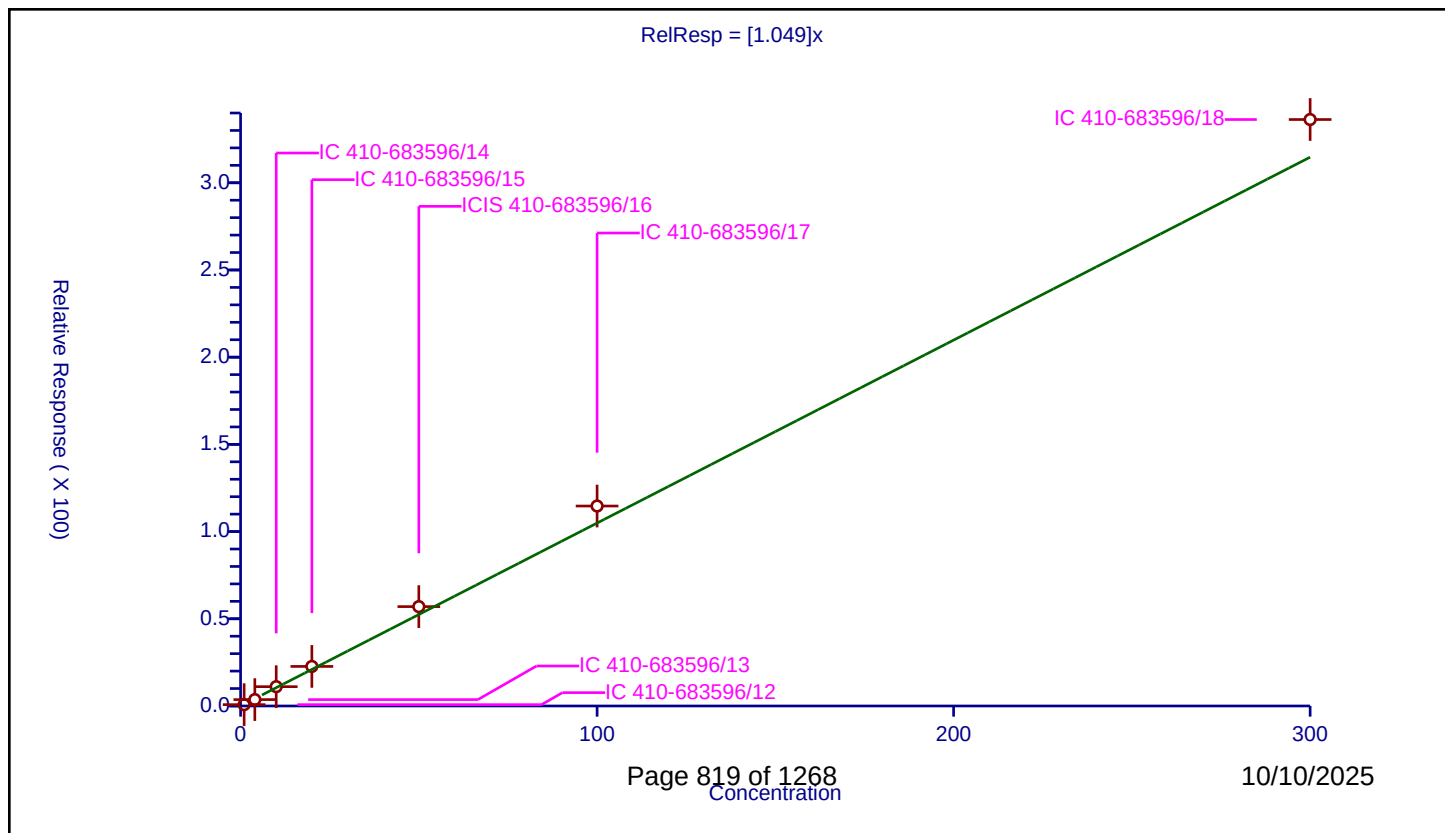
Curve Coefficients

Intercept: 0
Slope: 1.049

Error Coefficients

Relative Standard Deviation: 13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.777232	50.0	733951.0	0.777232	Y
2	IC 410-683596/13	4.0	3.663034	50.0	758183.0	0.915758	Y
3	IC 410-683596/14	10.0	11.082844	50.0	742332.0	1.108284	Y
4	IC 410-683596/15	20.0	22.68861	50.0	767114.0	1.13443	Y
5	ICIS 410-683596/16	50.0	56.972482	50.0	790651.0	1.13945	Y
6	IC 410-683596/17	100.0	114.645862	50.0	816886.0	1.146459	Y
7	IC 410-683596/18	300.0	336.266881	50.0	875777.0	1.12089	Y



Calibration

/ Bromoform

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

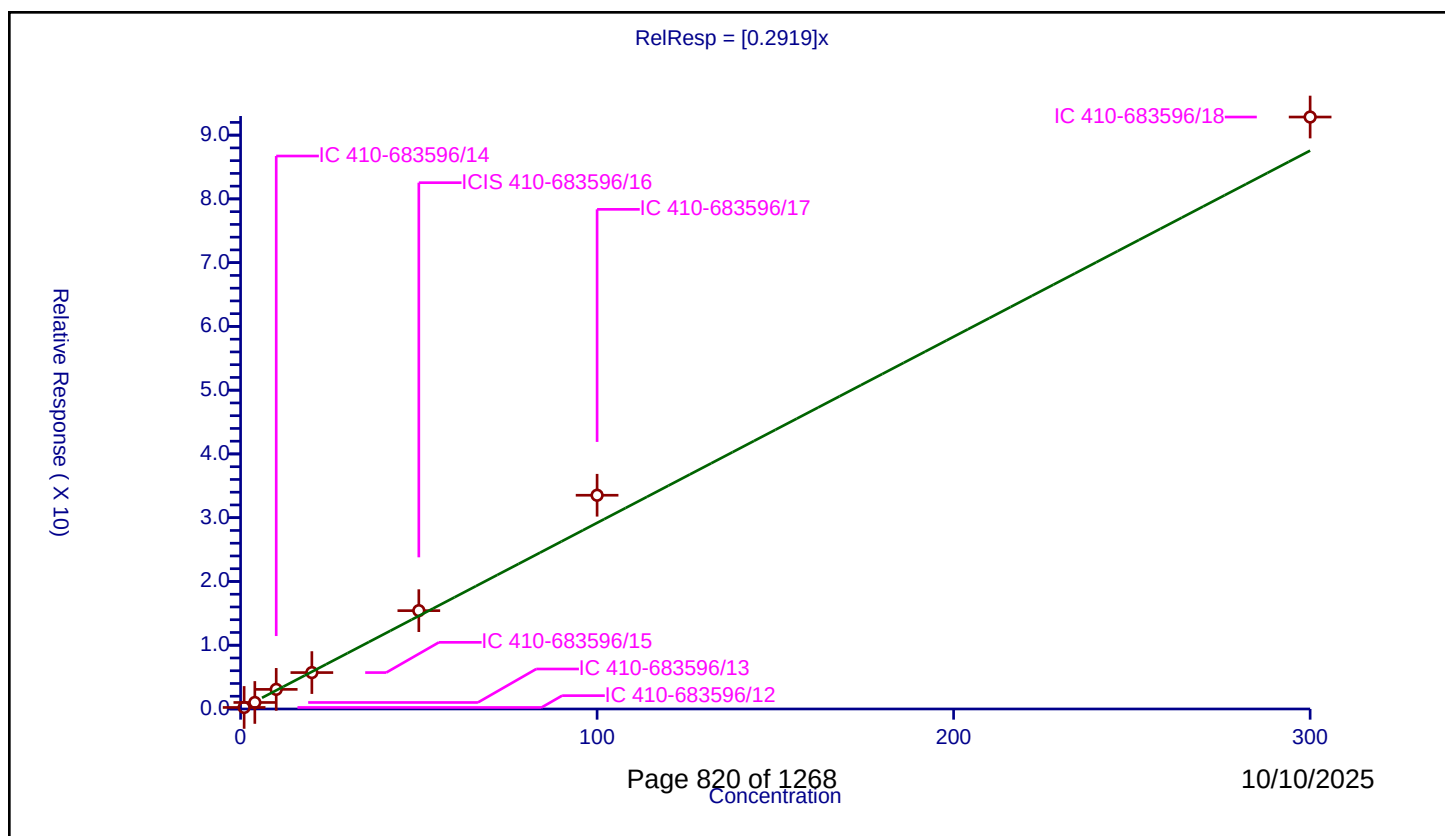
Curve Coefficients

Intercept: 0
 Slope: 0.2919

Error Coefficients

Relative Standard Deviation: 11.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.241092	50.0	733951.0	0.241092	Y
2	IC 410-683596/13	4.0	1.024027	50.0	758183.0	0.256007	Y
3	IC 410-683596/14	10.0	3.074568	50.0	742332.0	0.307457	Y
4	IC 410-683596/15	20.0	5.712841	50.0	767114.0	0.285642	Y
5	ICIS 410-683596/16	50.0	15.420837	50.0	790651.0	0.308417	Y
6	IC 410-683596/17	100.0	33.522487	50.0	816886.0	0.335225	Y
7	IC 410-683596/18	300.0	92.840757	50.0	875777.0	0.309469	Y



Calibration

/ Isopropylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

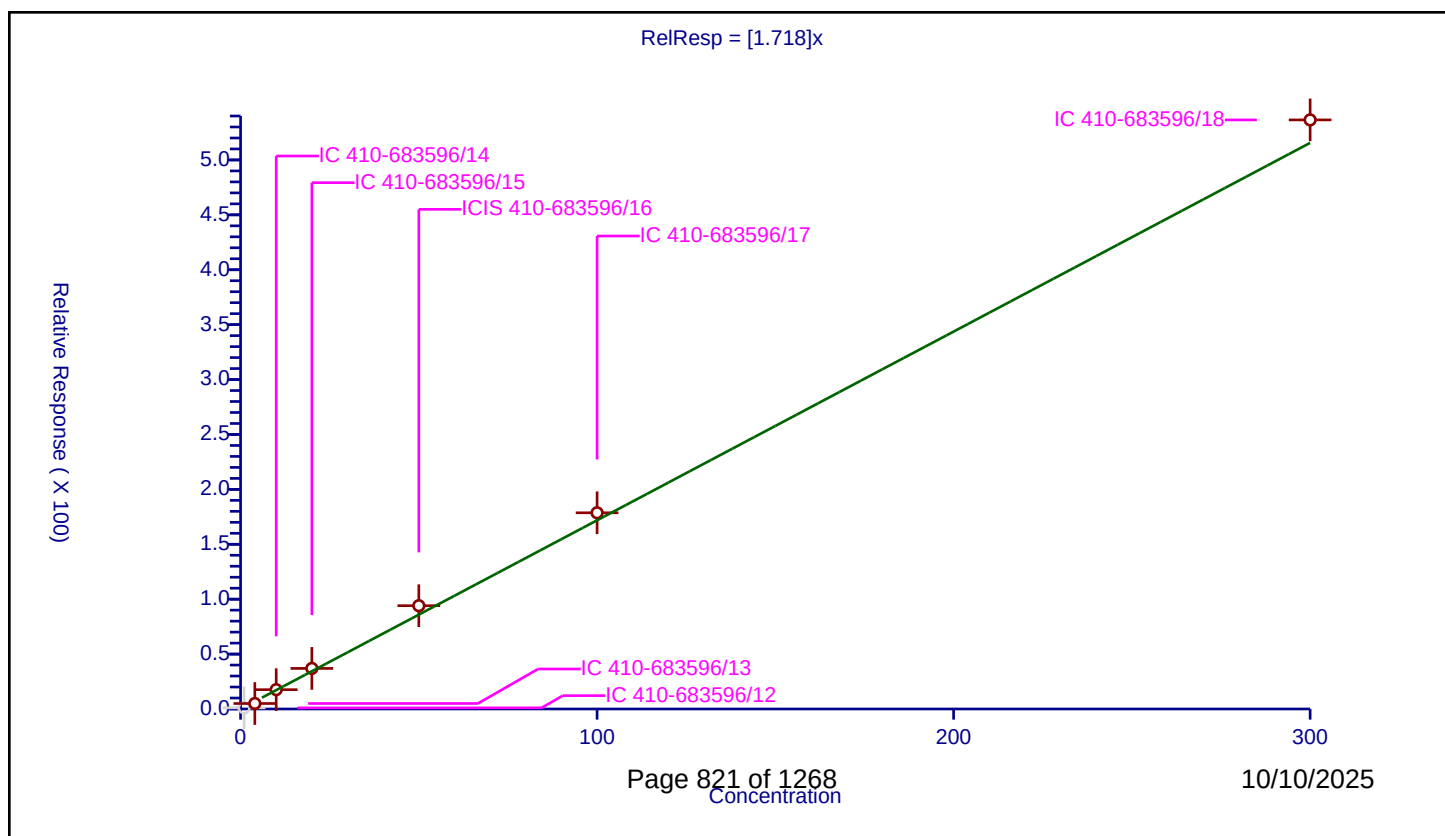
Curve Coefficients

Intercept: 0
Slope: 1.718

Error Coefficients

Relative Standard Deviation: 13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.042849	50.0	733951.0	1.042849	N
2	IC 410-683596/13	4.0	4.989033	50.0	758183.0	1.247258	Y
3	IC 410-683596/14	10.0	17.5959	50.0	742332.0	1.75959	Y
4	IC 410-683596/15	20.0	36.945878	50.0	767114.0	1.847294	Y
5	ICIS 410-683596/16	50.0	94.064448	50.0	790651.0	1.881289	Y
6	IC 410-683596/17	100.0	178.683623	50.0	816886.0	1.786836	Y
7	IC 410-683596/18	300.0	536.464477	50.0	875777.0	1.788215	Y



Calibration

/ Cyclohexanone

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

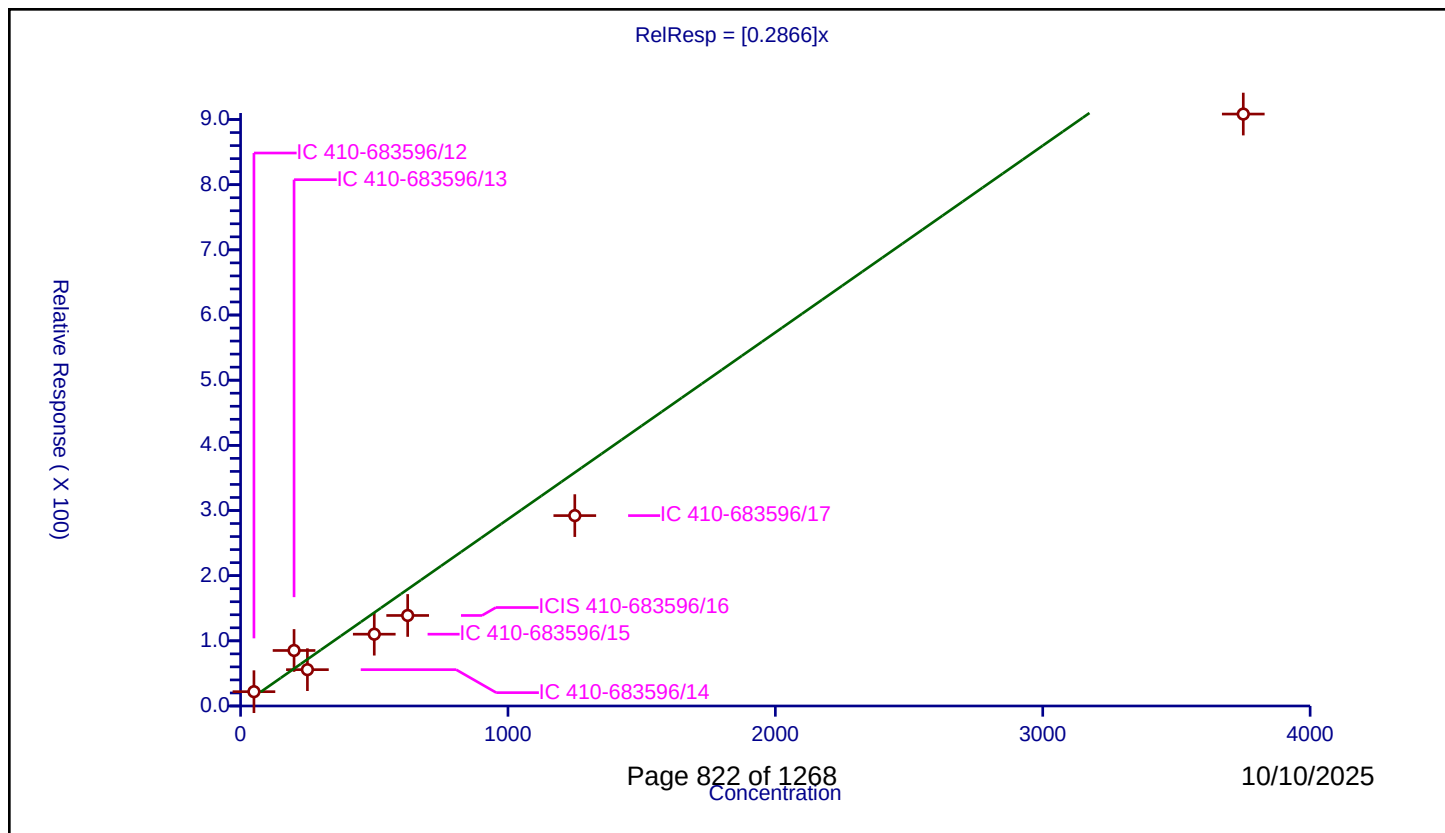
Curve Coefficients

Intercept:	0
Slope:	0.2866

Error Coefficients

Relative Standard Deviation:	34.9
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ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.000933	21.94725	250.0	363713.0	0.438937	Y
2	IC 410-683596/13	200.003731	85.184718	250.0	392814.0	0.425916	Y
3	IC 410-683596/14	250.004664	55.758867	250.0	353316.0	0.223031	Y
4	IC 410-683596/15	500.009328	110.176104	250.0	387044.0	0.220348	Y
5	ICIS 410-683596/16	625.01166	138.925894	250.0	357311.0	0.222277	Y
6	IC 410-683596/17	1250.02332	292.162229	250.0	371043.0	0.233725	Y
7	IC 410-683596/18	3750.06996	908.388594	250.0	368101.0	0.242232	Y



Calibration

/ 4-Bromofluorobenzene (Surr)

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

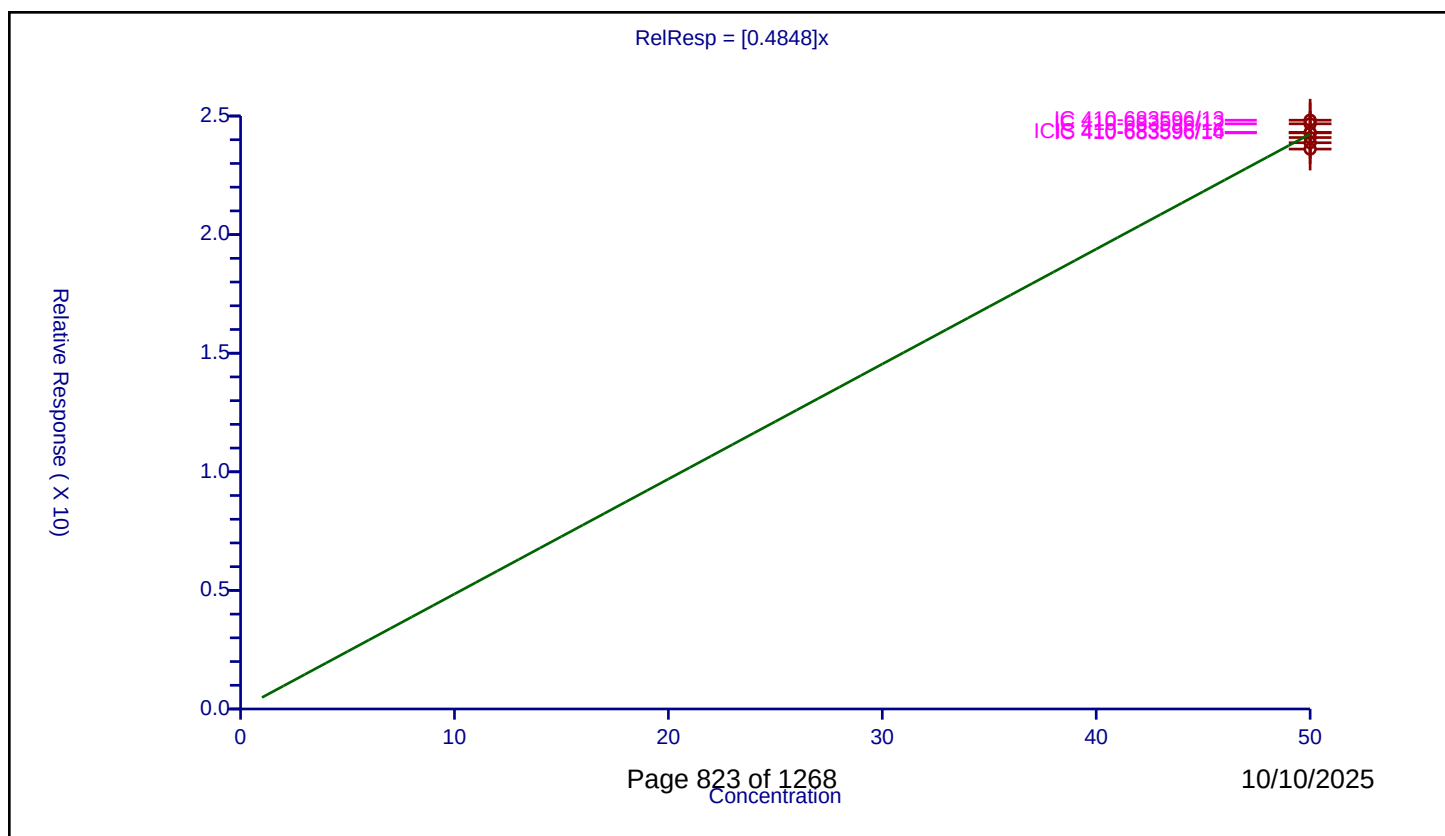
Curve Coefficients

Intercept: 0
 Slope: 0.4848

Error Coefficients

Relative Standard Deviation: 1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	50.0	24.670584	50.0	733951.0	0.493412	Y
2	IC 410-683596/13	50.0	24.823822	50.0	758183.0	0.496476	Y
3	IC 410-683596/14	50.0	24.289536	50.0	742332.0	0.485791	Y
4	IC 410-683596/15	50.0	24.092312	50.0	767114.0	0.481846	Y
5	ICIS 410-683596/16	50.0	24.310853	50.0	790651.0	0.486217	Y
6	IC 410-683596/17	50.0	23.605558	50.0	816886.0	0.472111	Y
7	IC 410-683596/18	50.0	23.873086	50.0	875777.0	0.477462	Y



Calibration

/ Bromobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

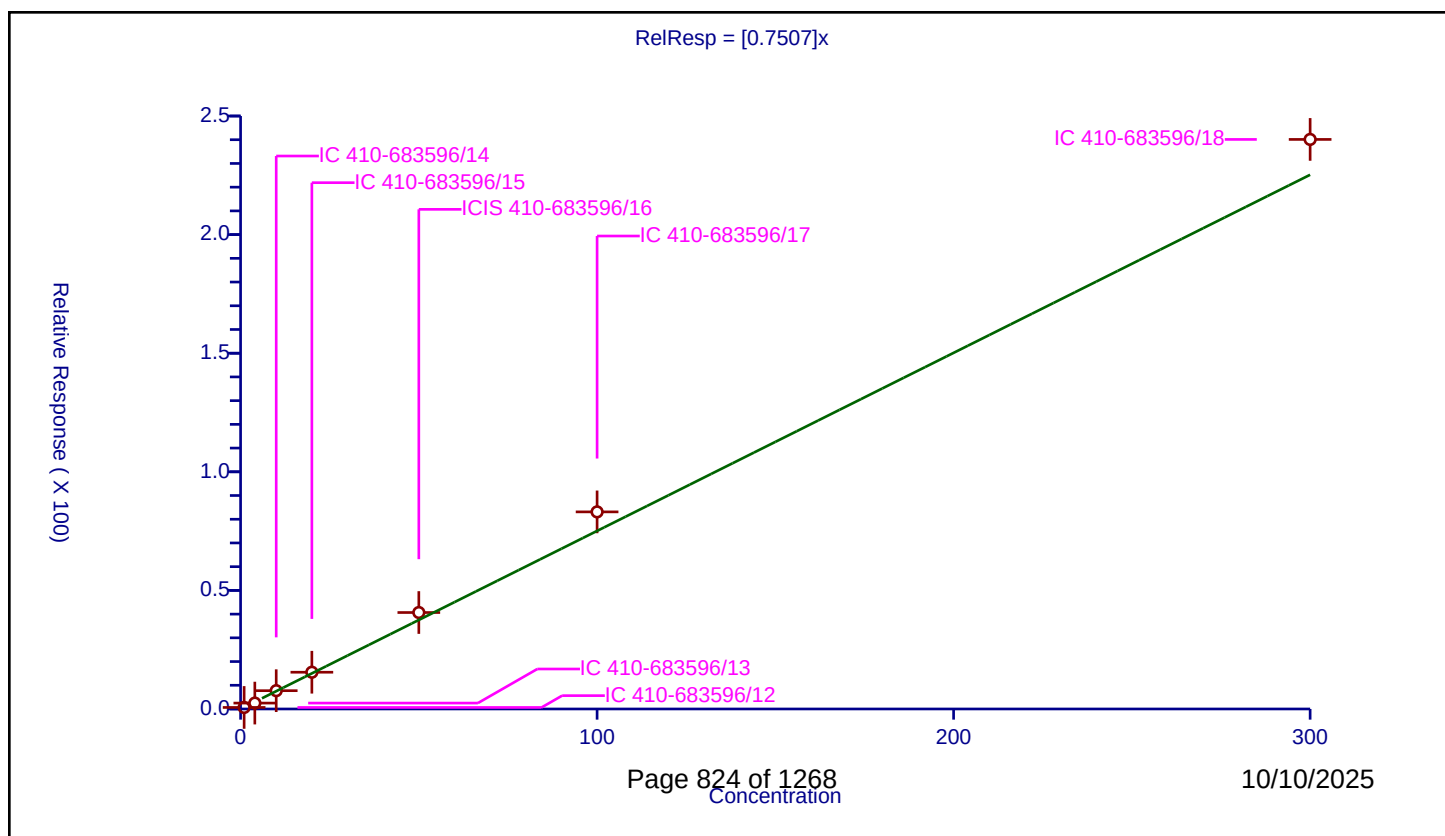
Curve Coefficients

Intercept: 0
Slope: 0.7507

Error Coefficients

Relative Standard Deviation: 11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.640905	50.0	435478.0	0.640905	Y
2	IC 410-683596/13	4.0	2.492798	50.0	459223.0	0.623199	Y
3	IC 410-683596/14	10.0	7.714885	50.0	431672.0	0.771489	Y
4	IC 410-683596/15	20.0	15.493291	50.0	441433.0	0.774665	Y
5	ICIS 410-683596/16	50.0	40.673182	50.0	444991.0	0.813464	Y
6	IC 410-683596/17	100.0	83.098473	50.0	449628.0	0.830985	Y
7	IC 410-683596/18	300.0	240.125325	50.0	478517.0	0.800418	Y



Calibration

/ 1,1,2,2-Tetrachloroethane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

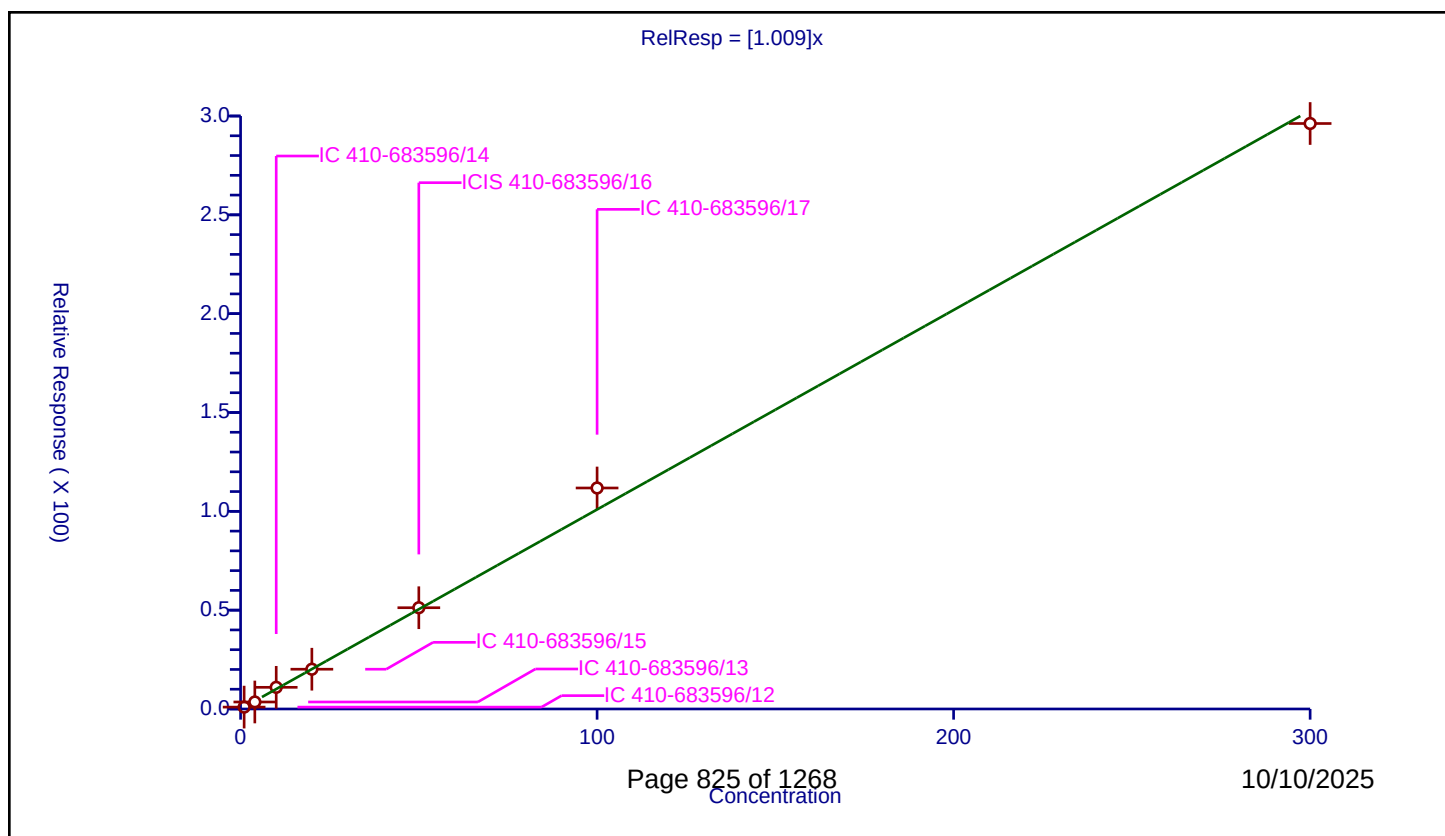
Curve Coefficients

Intercept: 0
Slope: 1.009

Error Coefficients

Relative Standard Deviation: 8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.946202	50.0	435478.0	0.946202	Y
2	IC 410-683596/13	4.0	3.54207	50.0	459223.0	0.885517	Y
3	IC 410-683596/14	10.0	10.965502	50.0	431672.0	1.09655	Y
4	IC 410-683596/15	20.0	20.125704	50.0	441433.0	1.006285	Y
5	ICIS 410-683596/16	50.0	51.236205	50.0	444991.0	1.024724	Y
6	IC 410-683596/17	100.0	111.815656	50.0	449628.0	1.118157	Y
7	IC 410-683596/18	300.0	296.209644	50.0	478517.0	0.987365	Y



Calibration

/ trans-1,4-Dichloro-2-butene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

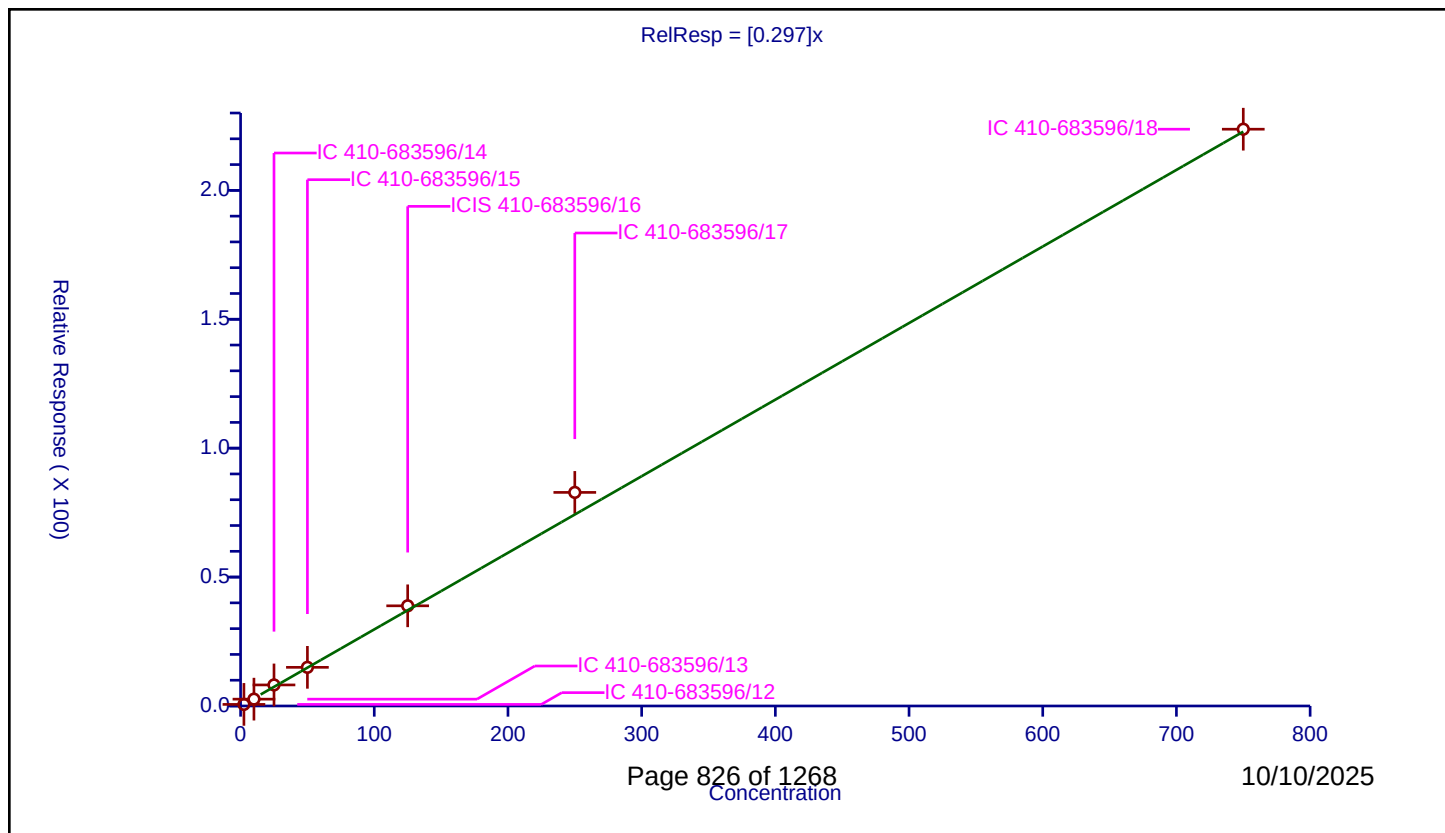
Curve Coefficients

Intercept: 0
Slope: 0.297

Error Coefficients

Relative Standard Deviation: 10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	2.5	0.616564	50.0	435478.0	0.246626	Y
2	IC 410-683596/13	10.0	2.655355	50.0	459223.0	0.265535	Y
3	IC 410-683596/14	25.0	8.168123	50.0	431672.0	0.326725	Y
4	IC 410-683596/15	50.0	14.995254	50.0	441433.0	0.299905	Y
5	ICIS 410-683596/16	125.0	38.854494	50.0	444991.0	0.310836	Y
6	IC 410-683596/17	250.0	82.842483	50.0	449628.0	0.33137	Y
7	IC 410-683596/18	750.0	223.723086	50.0	478517.0	0.298297	Y



Calibration

/ 1,2,3-Trichloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

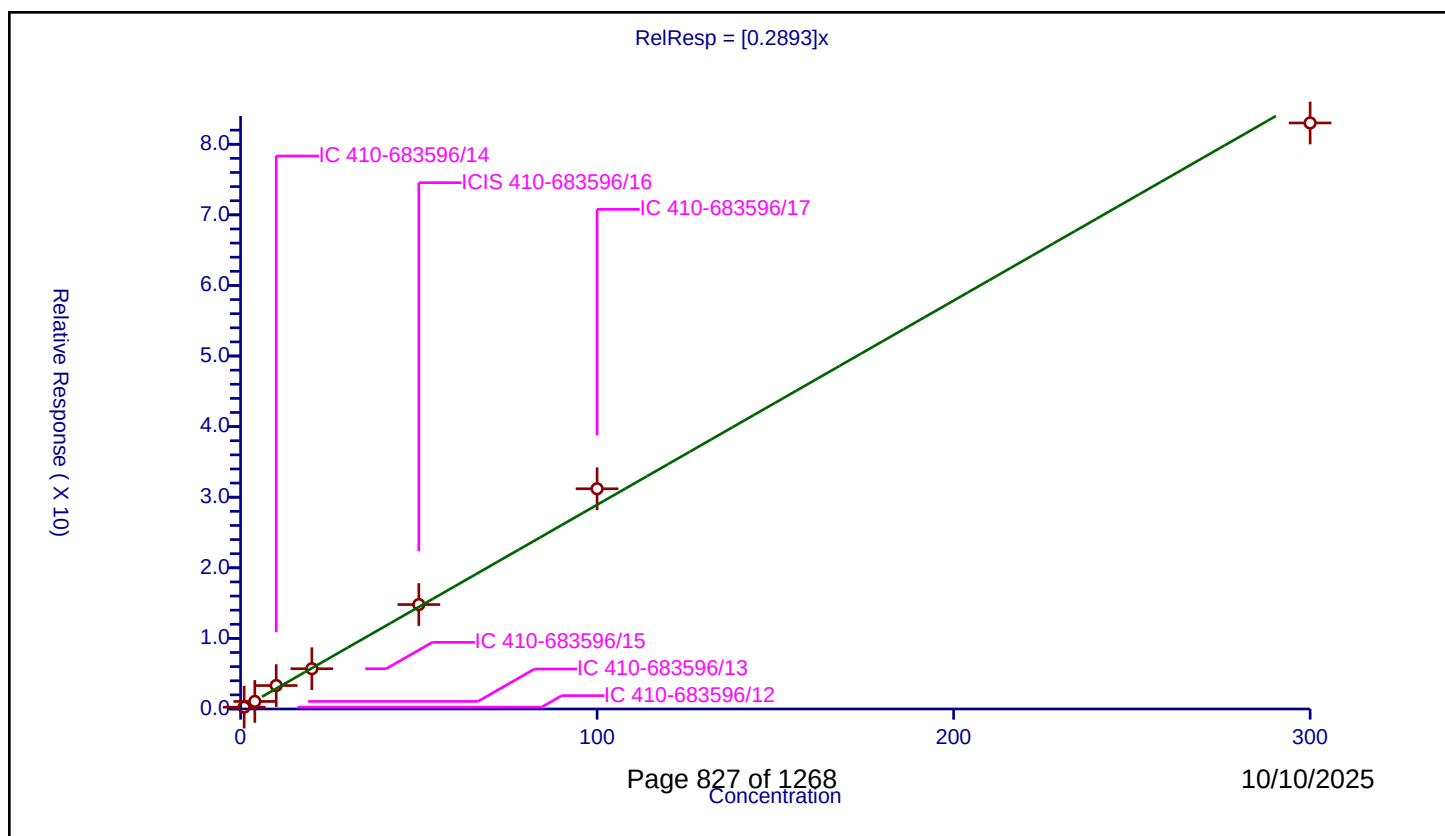
Curve Coefficients

Intercept: 0
Slope: 0.2893

Error Coefficients

Relative Standard Deviation: 9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.255466	50.0	435478.0	0.255466	Y
2	IC 410-683596/13	4.0	1.069197	50.0	459223.0	0.267299	Y
3	IC 410-683596/14	10.0	3.322314	50.0	431672.0	0.332231	Y
4	IC 410-683596/15	20.0	5.70313	50.0	441433.0	0.285157	Y
5	ICIS 410-683596/16	50.0	14.794906	50.0	444991.0	0.295898	Y
6	IC 410-683596/17	100.0	31.197457	50.0	449628.0	0.311975	Y
7	IC 410-683596/18	300.0	83.017427	50.0	478517.0	0.276725	Y



Calibration

/ N-Propylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

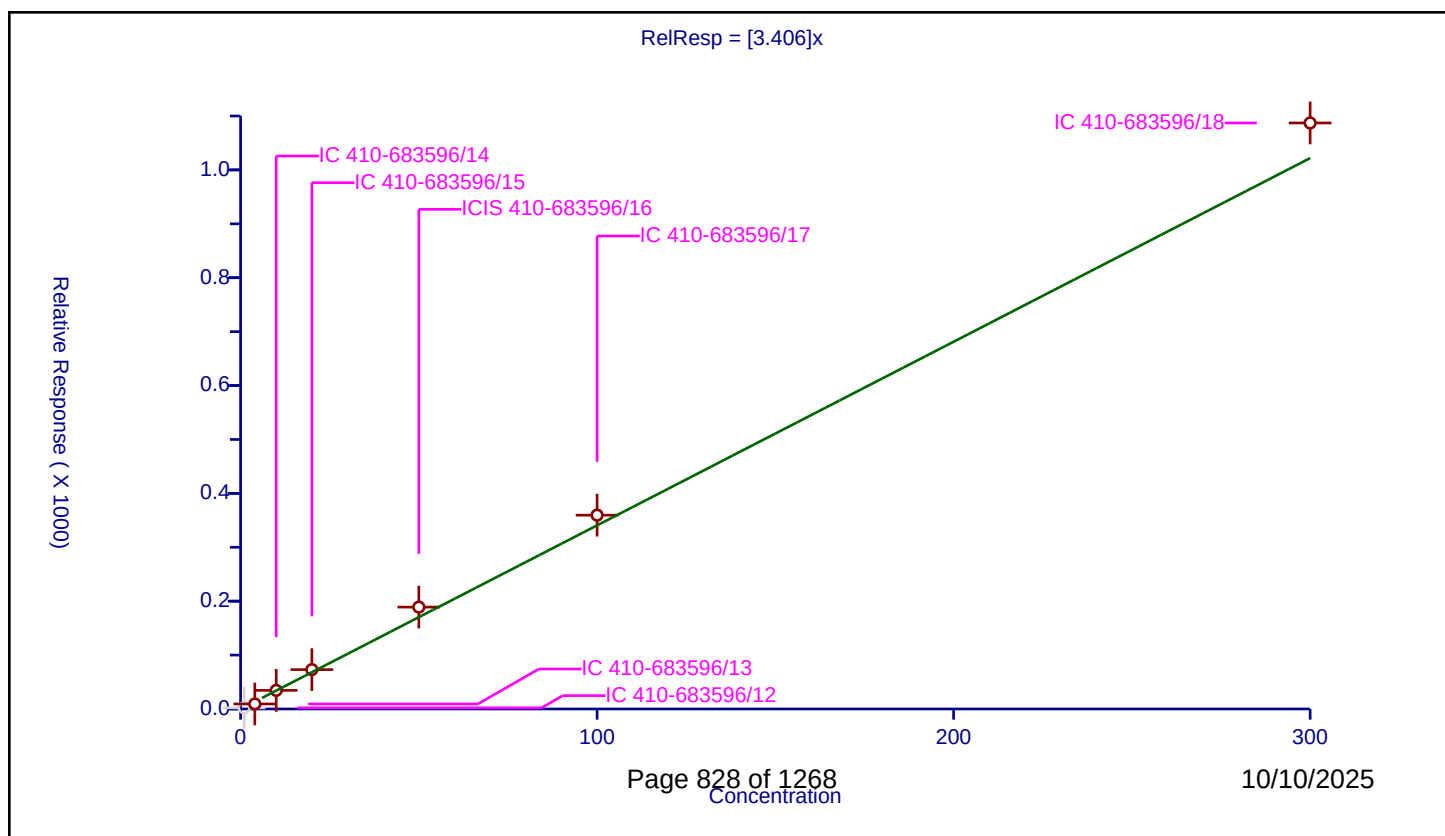
Curve Coefficients

Intercept: 0
Slope: 3.406

Error Coefficients

Relative Standard Deviation: 15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	2.143277	50.0	435478.0	2.143277	N
2	IC 410-683596/13	4.0	9.342411	50.0	459223.0	2.335603	Y
3	IC 410-683596/14	10.0	34.503396	50.0	431672.0	3.45034	Y
4	IC 410-683596/15	20.0	73.046646	50.0	441433.0	3.652332	Y
5	ICIS 410-683596/16	50.0	188.973822	50.0	444991.0	3.779476	Y
6	IC 410-683596/17	100.0	359.576695	50.0	449628.0	3.595767	Y
7	IC 410-683596/18	300.0	1087.136089	50.0	478517.0	3.623787	Y



Calibration

/ 2-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

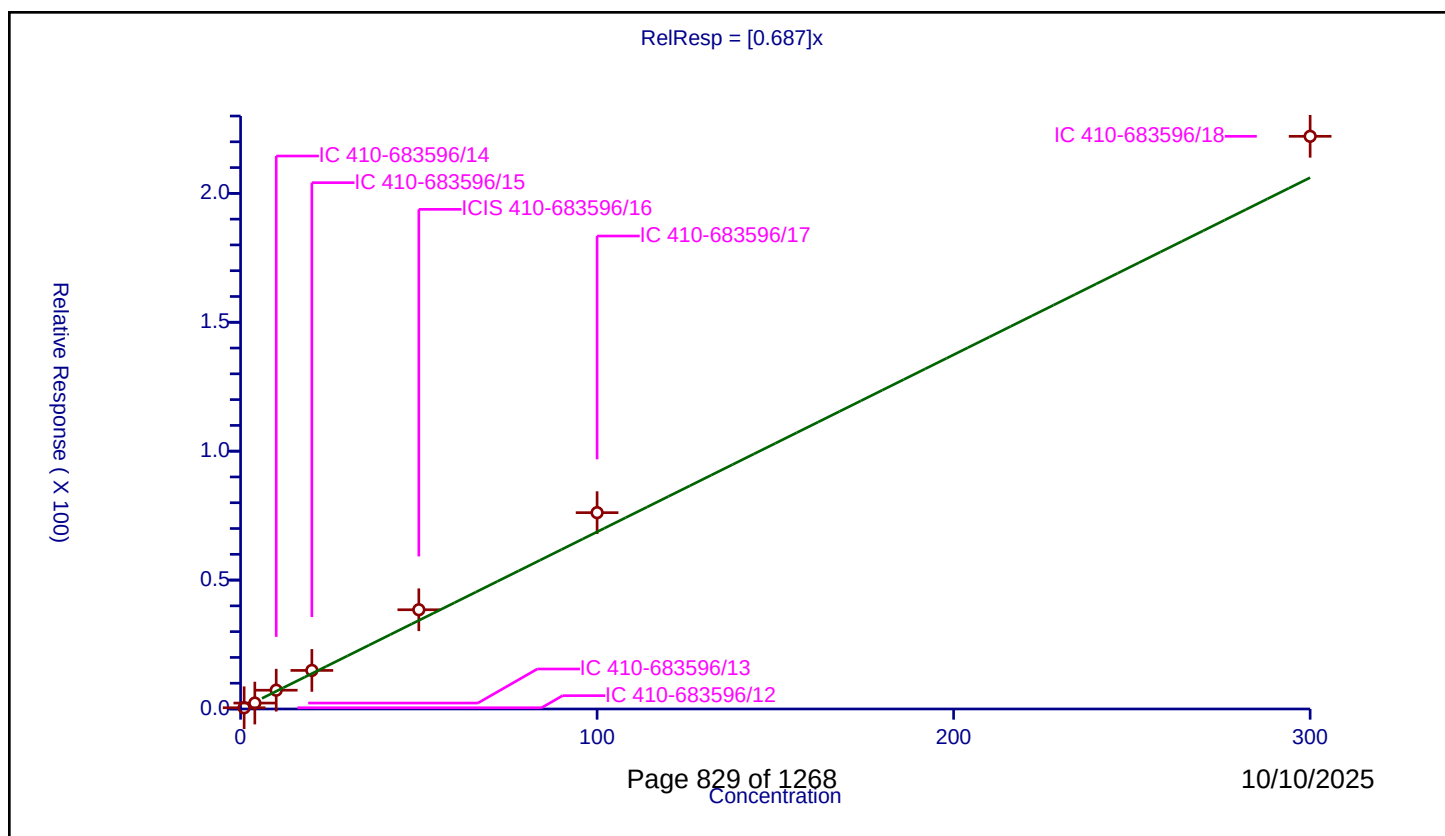
Curve Coefficients

Intercept: 0
 Slope: 0.687

Error Coefficients

Relative Standard Deviation: 16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.485444	50.0	435478.0	0.485444	Y
2	IC 410-683596/13	4.0	2.300299	50.0	459223.0	0.575075	Y
3	IC 410-683596/14	10.0	7.285045	50.0	431672.0	0.728505	Y
4	IC 410-683596/15	20.0	14.962293	50.0	441433.0	0.748115	Y
5	ICIS 410-683596/16	50.0	38.490891	50.0	444991.0	0.769818	Y
6	IC 410-683596/17	100.0	76.151952	50.0	449628.0	0.76152	Y
7	IC 410-683596/18	300.0	222.129517	50.0	478517.0	0.740432	Y



Calibration

/ 1,3,5-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

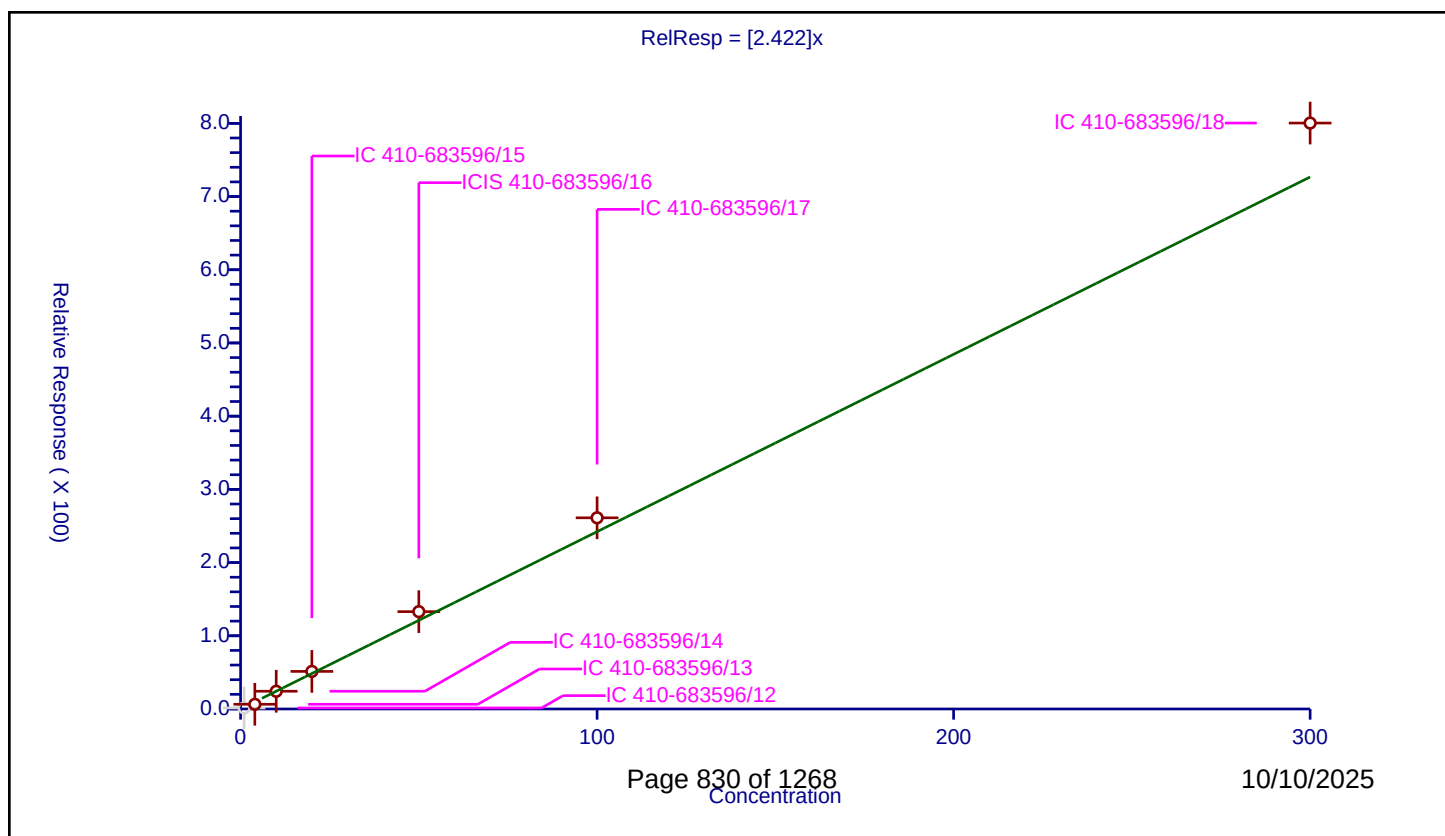
Curve Coefficients

Intercept: 0
Slope: 2.422

Error Coefficients

Relative Standard Deviation: 16.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.414308	50.0	435478.0	1.414308	N
2	IC 410-683596/13	4.0	6.421063	50.0	459223.0	1.605266	Y
3	IC 410-683596/14	10.0	24.223369	50.0	431672.0	2.422337	Y
4	IC 410-683596/15	20.0	51.341766	50.0	441433.0	2.567088	Y
5	ICIS 410-683596/16	50.0	132.992353	50.0	444991.0	2.659847	Y
6	IC 410-683596/17	100.0	261.159781	50.0	449628.0	2.611598	Y
7	IC 410-683596/18	300.0	800.399045	50.0	478517.0	2.667997	Y



Calibration

/ 4-Chlorotoluene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

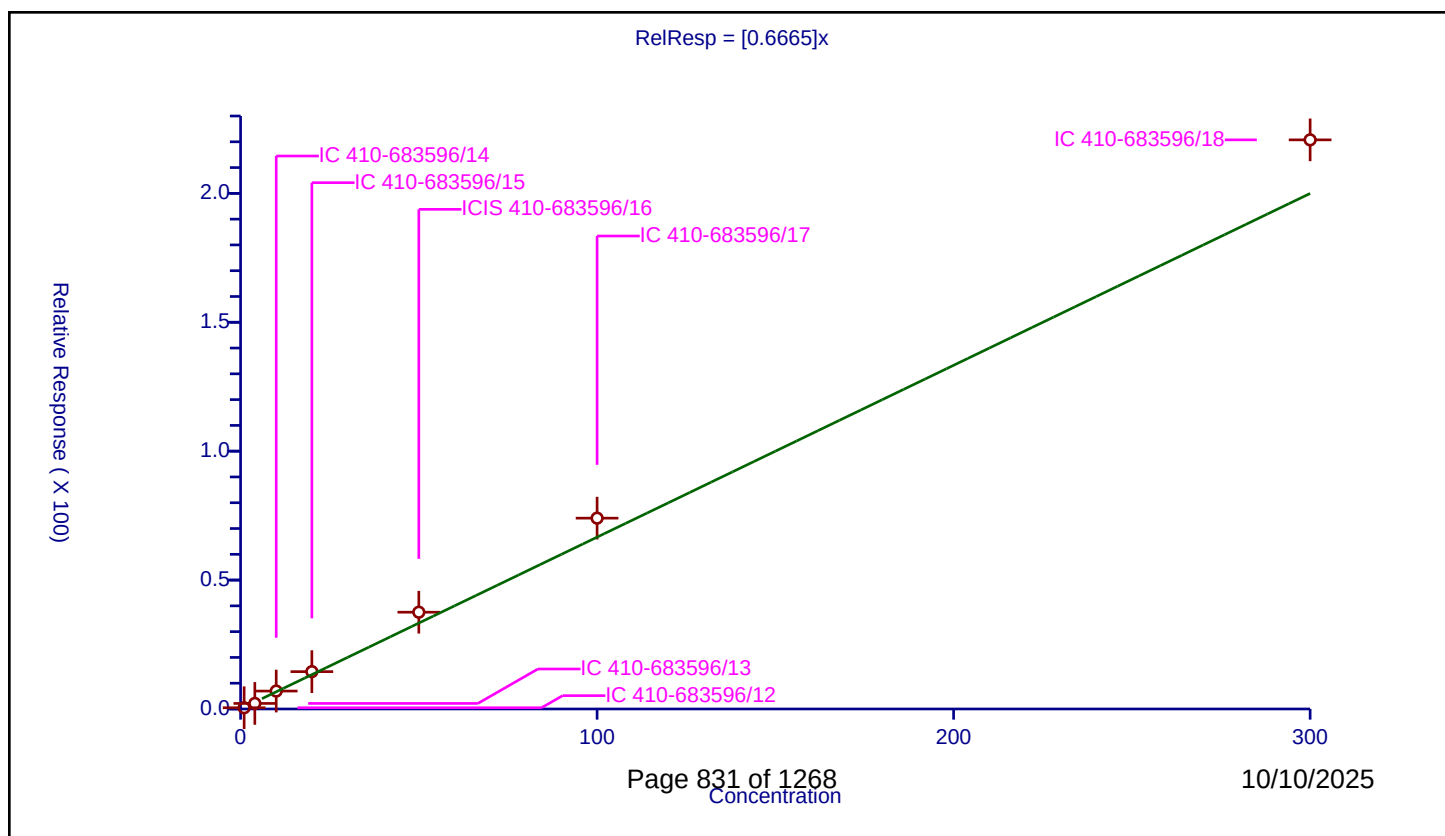
Curve Coefficients

Intercept: 0
 Slope: 0.6665

Error Coefficients

Relative Standard Deviation: 16.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.479243	50.0	435478.0	0.479243	Y
2	IC 410-683596/13	4.0	2.161477	50.0	459223.0	0.540369	Y
3	IC 410-683596/14	10.0	6.951922	50.0	431672.0	0.695192	Y
4	IC 410-683596/15	20.0	14.481246	50.0	441433.0	0.724062	Y
5	ICIS 410-683596/16	50.0	37.542669	50.0	444991.0	0.750853	Y
6	IC 410-683596/17	100.0	74.023971	50.0	449628.0	0.74024	Y
7	IC 410-683596/18	300.0	220.748688	50.0	478517.0	0.735829	Y



Calibration

/ tert-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

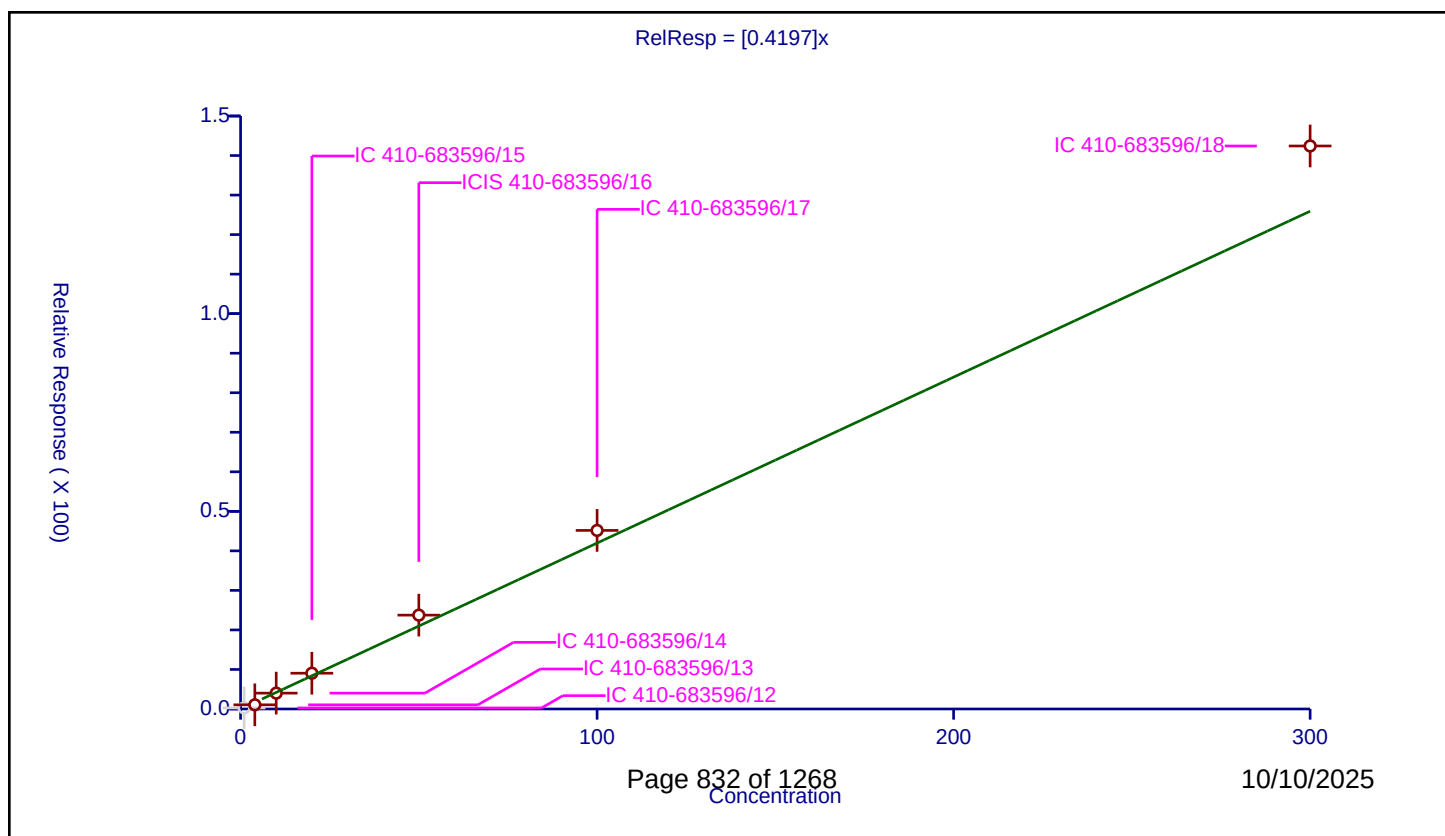
Curve Coefficients

Intercept: 0
Slope: 0.4197

Error Coefficients

Relative Standard Deviation: 19.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.268096	50.0	435478.0	0.268096	N
2	IC 410-683596/13	4.0	1.056023	50.0	459223.0	0.264006	Y
3	IC 410-683596/14	10.0	4.007788	50.0	431672.0	0.400779	Y
4	IC 410-683596/15	20.0	9.047692	50.0	441433.0	0.452385	Y
5	ICIS 410-683596/16	50.0	23.738008	50.0	444991.0	0.47476	Y
6	IC 410-683596/17	100.0	45.169451	50.0	449628.0	0.451695	Y
7	IC 410-683596/18	300.0	142.419496	50.0	478517.0	0.474732	Y



Calibration

/ 1,2,4-Trimethylbenzene

Curve Type: Average
 Weighting: Conc_Sq
 Origin: Force
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

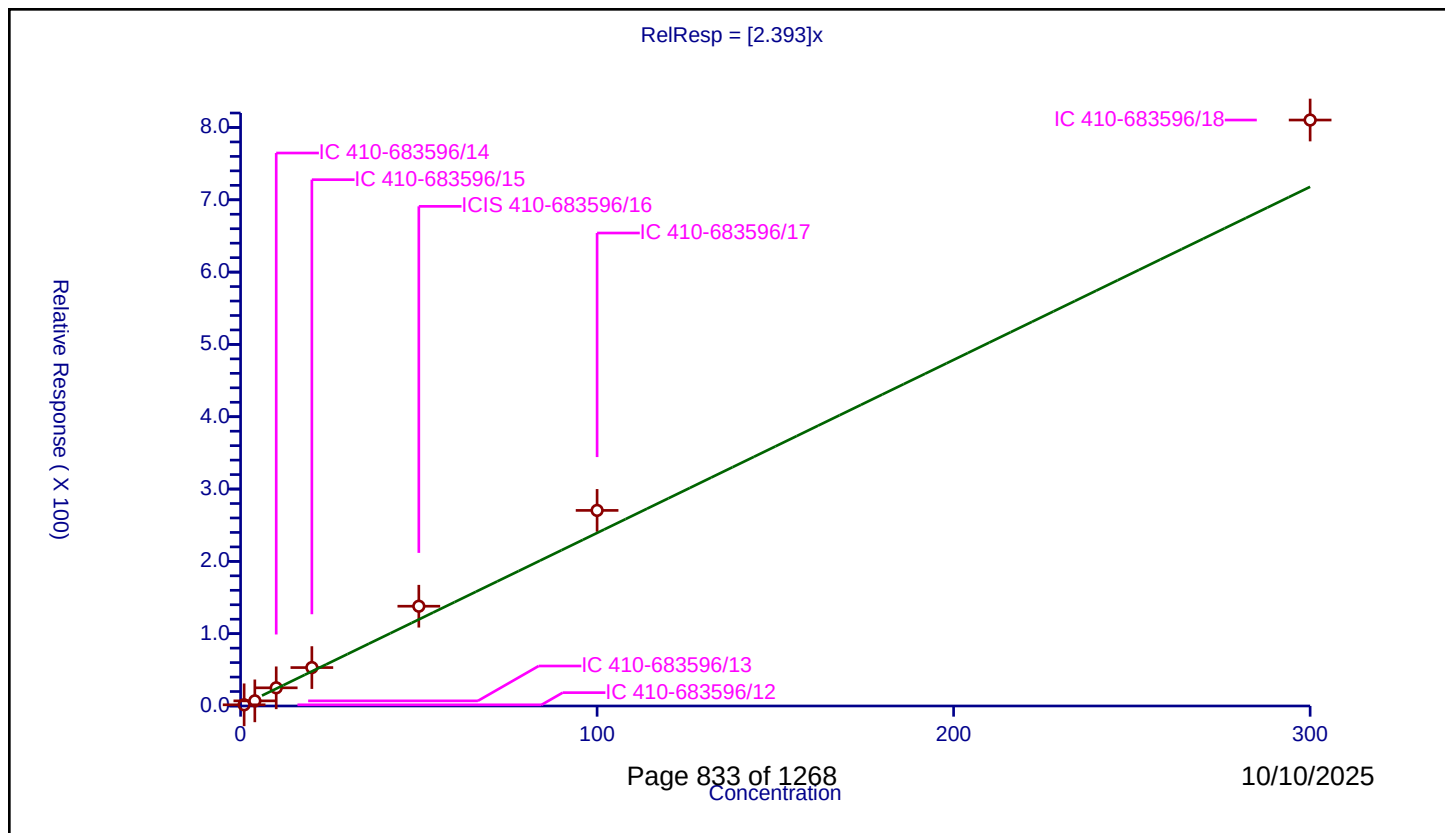
Curve Coefficients

Intercept: 0
 Slope: 2.393

Error Coefficients

Relative Standard Deviation: 19.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.644744	50.0	435478.0	1.644744	Y
2	IC 410-683596/13	4.0	7.09383	50.0	459223.0	1.773458	Y
3	IC 410-683596/14	10.0	25.116871	50.0	431672.0	2.511687	Y
4	IC 410-683596/15	20.0	53.138189	50.0	441433.0	2.656909	Y
5	ICIS 410-683596/16	50.0	137.973128	50.0	444991.0	2.759463	Y
6	IC 410-683596/17	100.0	270.455021	50.0	449628.0	2.70455	Y
7	IC 410-683596/18	300.0	810.295768	50.0	478517.0	2.700986	Y



Calibration

/ sec-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

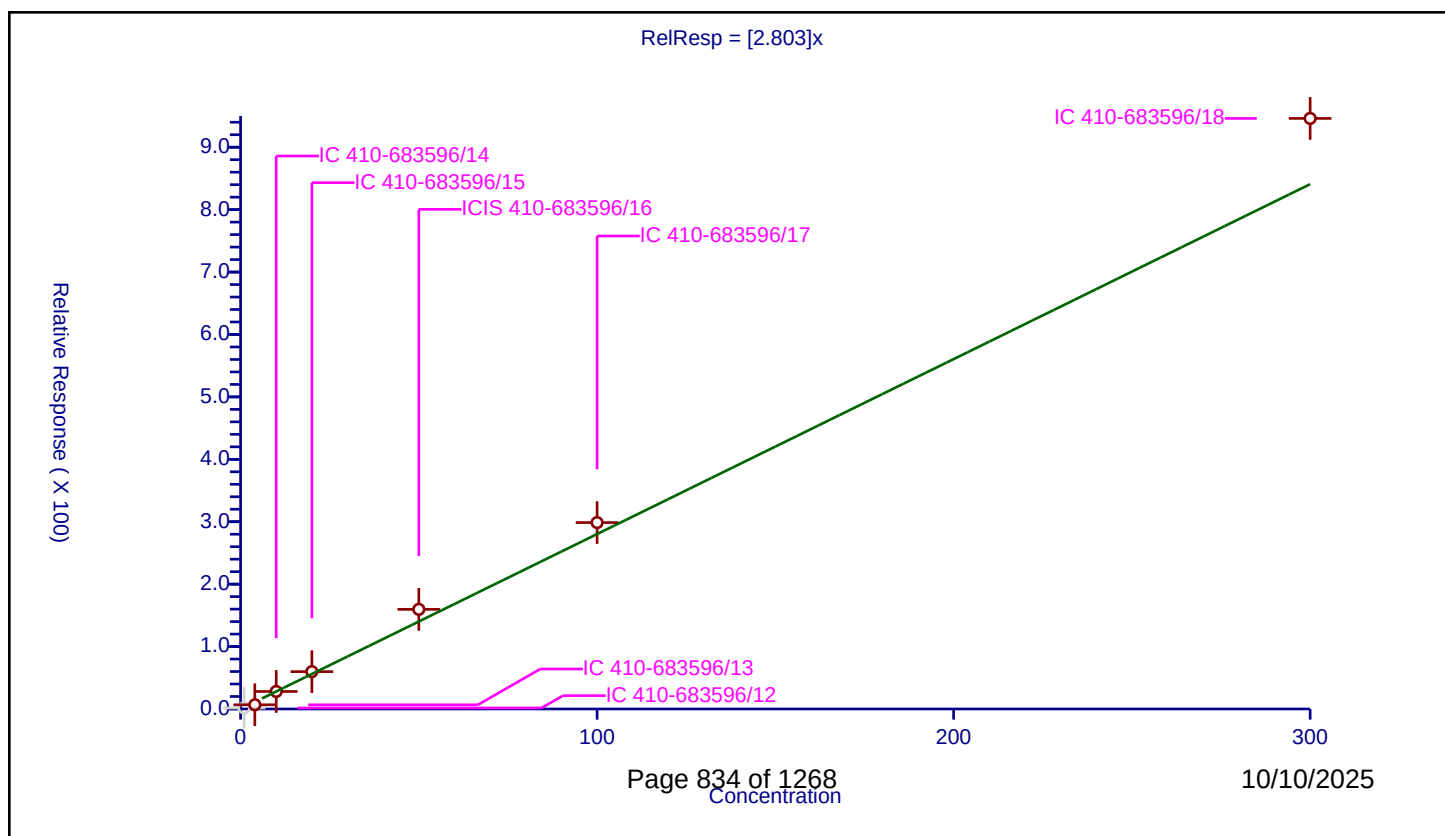
Curve Coefficients

Intercept: 0
Slope: 2.803

Error Coefficients

Relative Standard Deviation: 20.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.636018	50.0	435478.0	1.636018	N
2	IC 410-683596/13	4.0	6.735072	50.0	459223.0	1.683768	Y
3	IC 410-683596/14	10.0	28.06668	50.0	431672.0	2.806668	Y
4	IC 410-683596/15	20.0	59.841244	50.0	441433.0	2.992062	Y
5	ICIS 410-683596/16	50.0	159.630869	50.0	444991.0	3.192617	Y
6	IC 410-683596/17	100.0	298.657335	50.0	449628.0	2.986573	Y
7	IC 410-683596/18	300.0	946.160116	50.0	478517.0	3.153867	Y



Calibration

/ 1,3-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

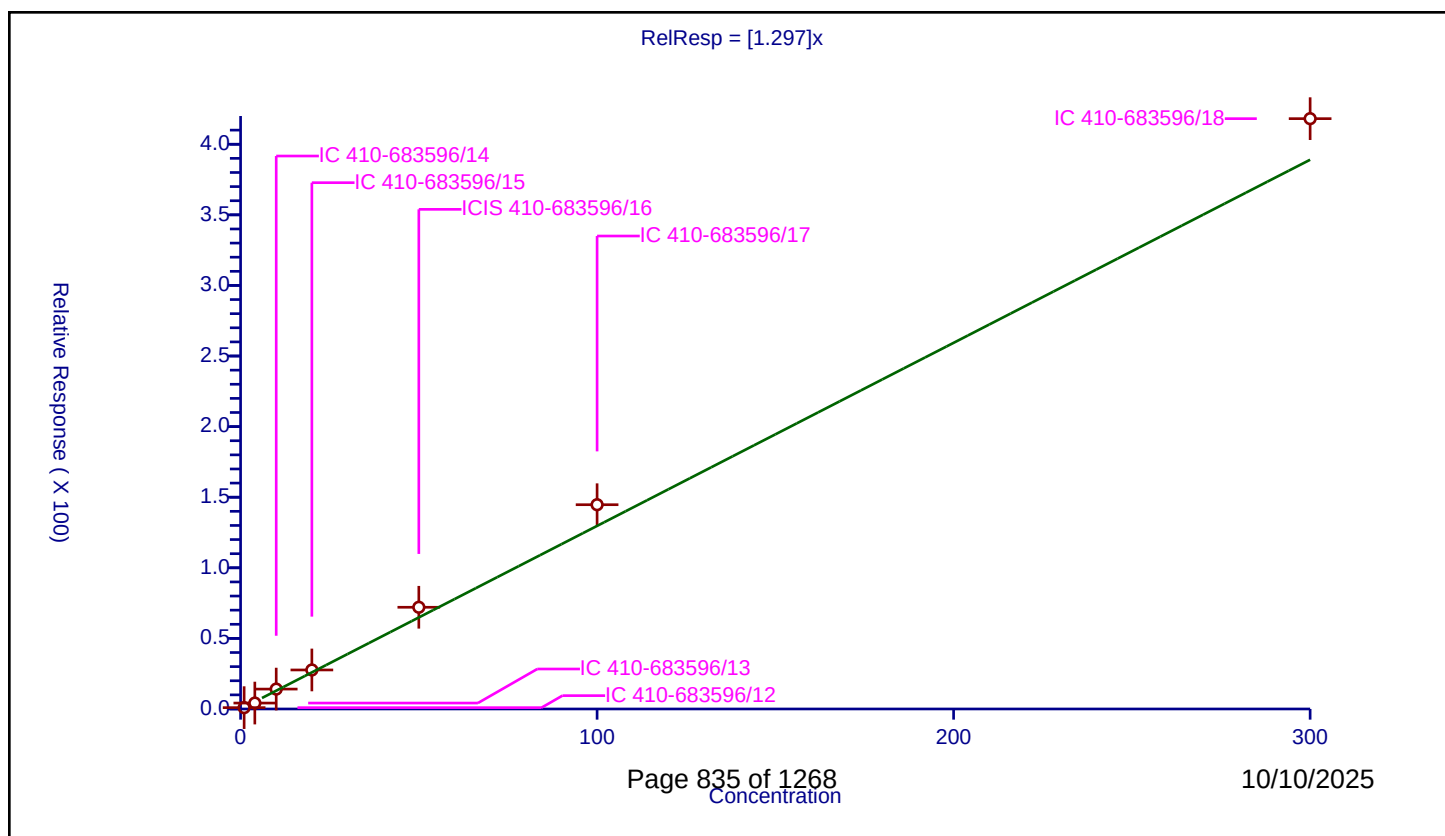
Curve Coefficients

Intercept: 0
Slope: 1.297

Error Coefficients

Relative Standard Deviation: 15.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.95355	50.0	435478.0	0.95355	Y
2	IC 410-683596/13	4.0	4.202642	50.0	459223.0	1.050661	Y
3	IC 410-683596/14	10.0	14.094266	50.0	431672.0	1.409427	Y
4	IC 410-683596/15	20.0	27.640435	50.0	441433.0	1.382022	Y
5	ICIS 410-683596/16	50.0	72.051345	50.0	444991.0	1.441027	Y
6	IC 410-683596/17	100.0	144.696505	50.0	449628.0	1.446965	Y
7	IC 410-683596/18	300.0	418.120568	50.0	478517.0	1.393735	Y



Calibration

/ 4-Isopropyltoluene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

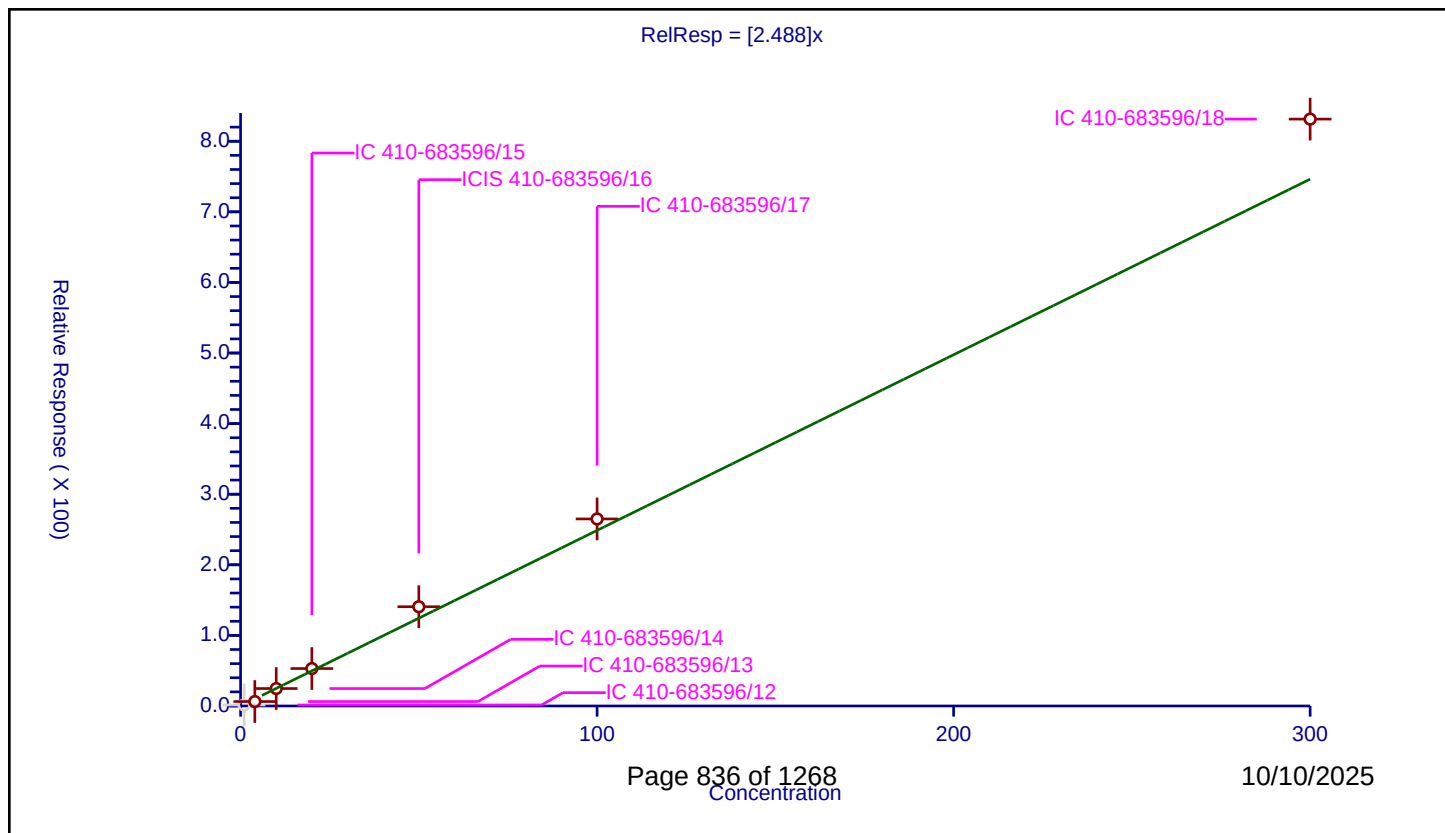
Curve Coefficients

Intercept: 0
Slope: 2.488

Error Coefficients

Relative Standard Deviation: 18.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.466549	50.0	435478.0	1.466549	N
2	IC 410-683596/13	4.0	6.276254	50.0	459223.0	1.569063	Y
3	IC 410-683596/14	10.0	24.716683	50.0	431672.0	2.471668	Y
4	IC 410-683596/15	20.0	53.044856	50.0	441433.0	2.652243	Y
5	ICIS 410-683596/16	50.0	140.603967	50.0	444991.0	2.812079	Y
6	IC 410-683596/17	100.0	264.981607	50.0	449628.0	2.649816	Y
7	IC 410-683596/18	300.0	831.373285	50.0	478517.0	2.771244	Y



Calibration

/ 1,4-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

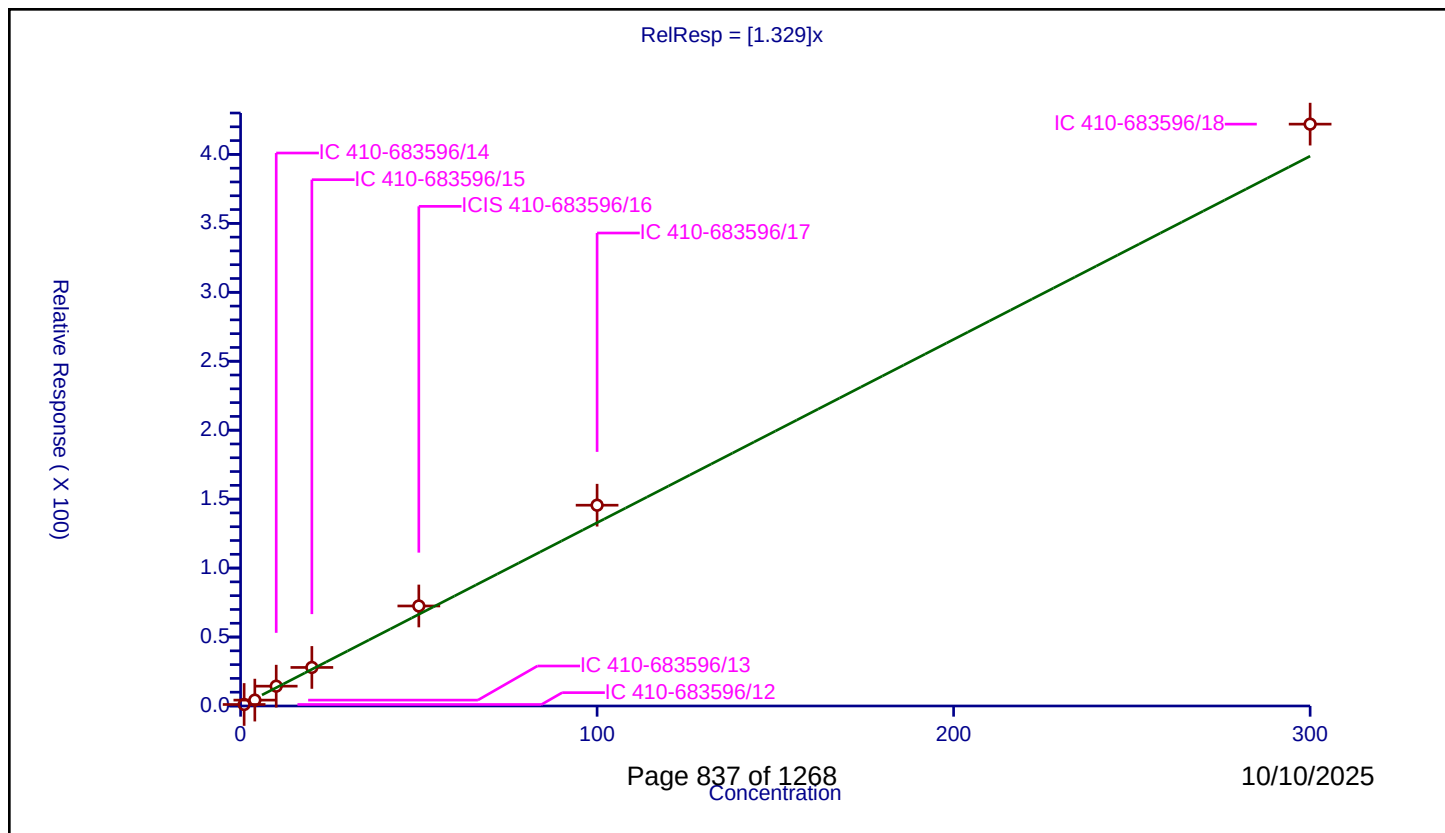
Curve Coefficients

Intercept: 0
Slope: 1.329

Error Coefficients

Relative Standard Deviation: 13.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.091674	50.0	435478.0	1.091674	Y
2	IC 410-683596/13	4.0	4.257844	50.0	459223.0	1.064461	Y
3	IC 410-683596/14	10.0	14.369822	50.0	431672.0	1.436982	Y
4	IC 410-683596/15	20.0	27.943538	50.0	441433.0	1.397177	Y
5	ICIS 410-683596/16	50.0	72.534725	50.0	444991.0	1.450695	Y
6	IC 410-683596/17	100.0	145.604589	50.0	449628.0	1.456046	Y
7	IC 410-683596/18	300.0	421.945093	50.0	478517.0	1.406484	Y



Calibration

/ 1,2,3-Trimethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

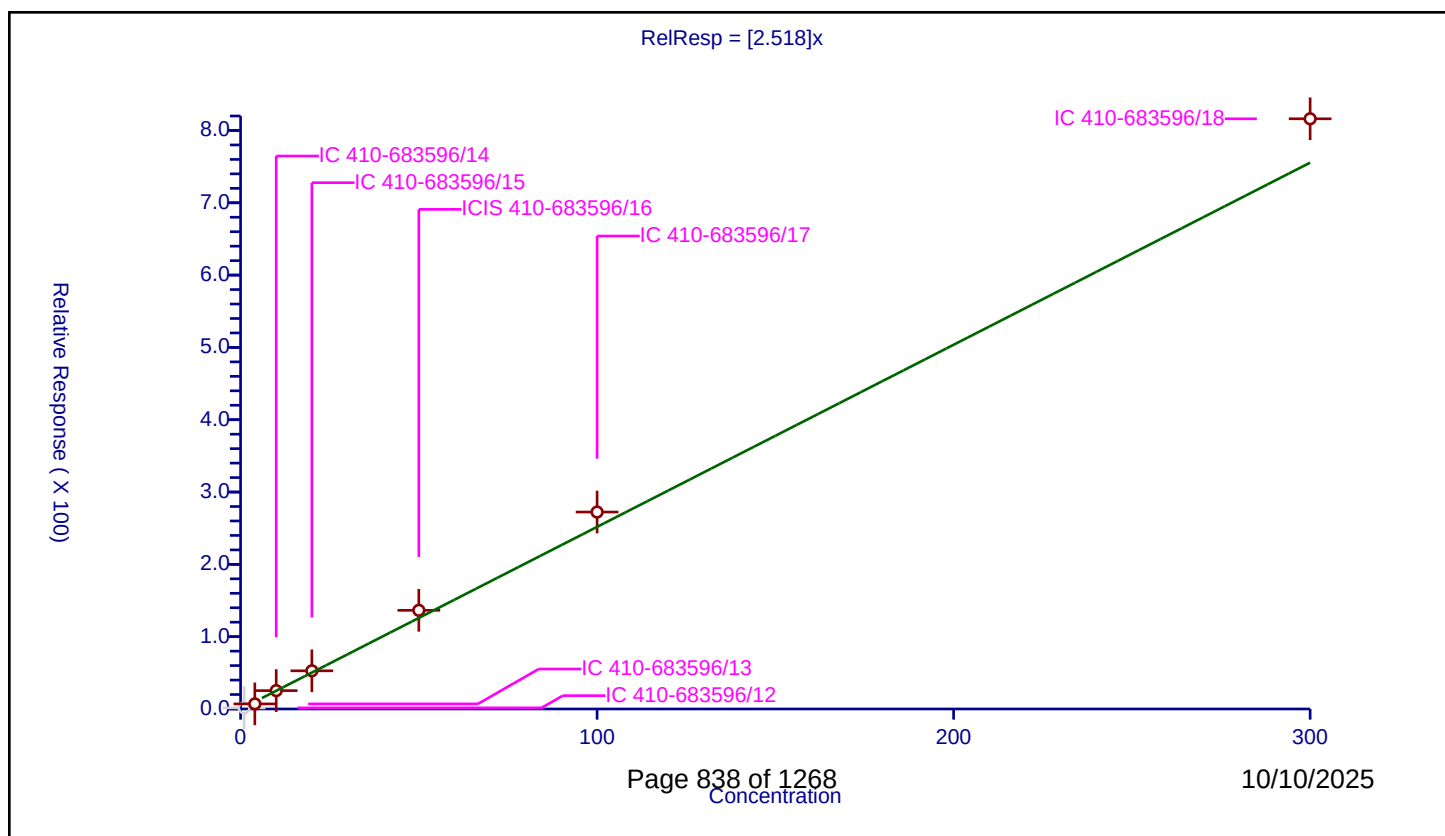
Curve Coefficients

Intercept: 0
Slope: 2.518

Error Coefficients

Relative Standard Deviation: 15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.563569	50.0	435478.0	1.563569	N
2	IC 410-683596/13	4.0	7.040588	50.0	459223.0	1.760147	Y
3	IC 410-683596/14	10.0	25.372042	50.0	431672.0	2.537204	Y
4	IC 410-683596/15	20.0	52.785927	50.0	441433.0	2.639296	Y
5	ICIS 410-683596/16	50.0	136.451973	50.0	444991.0	2.729039	Y
6	IC 410-683596/17	100.0	272.343804	50.0	449628.0	2.723438	Y
7	IC 410-683596/18	300.0	816.168496	50.0	478517.0	2.720562	Y



Calibration

/ Benzyl chloride

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

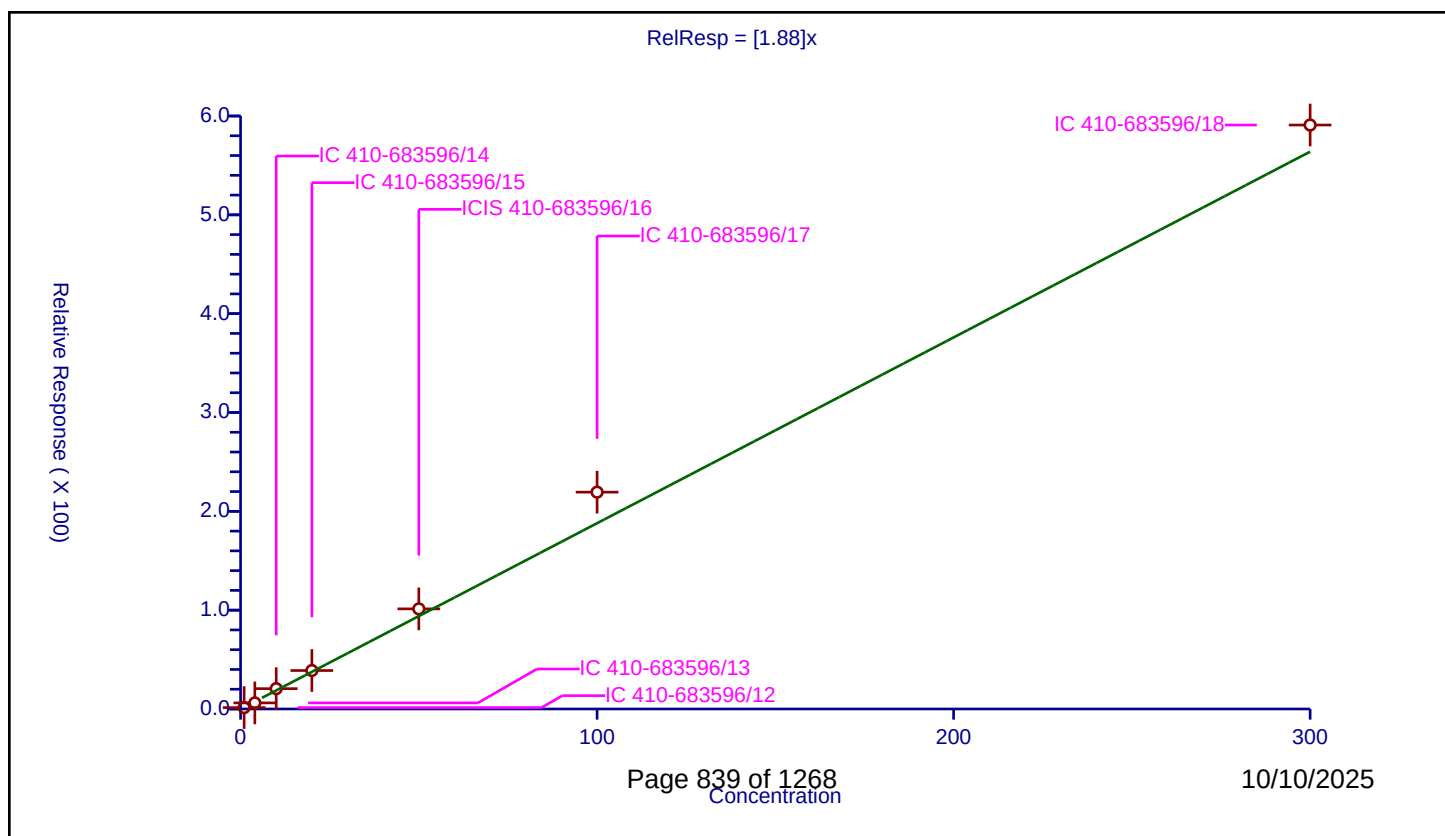
Curve Coefficients

Intercept: 0
Slope: 1.88

Error Coefficients

Relative Standard Deviation: 15.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.422919	50.0	435478.0	1.422919	Y
2	IC 410-683596/13	4.0	6.172709	50.0	459223.0	1.543177	Y
3	IC 410-683596/14	10.0	20.561329	50.0	431672.0	2.056133	Y
4	IC 410-683596/15	20.0	38.915305	50.0	441433.0	1.945765	Y
5	ICIS 410-683596/16	50.0	101.303734	50.0	444991.0	2.026075	Y
6	IC 410-683596/17	100.0	219.404708	50.0	449628.0	2.194047	Y
7	IC 410-683596/18	300.0	590.880052	50.0	478517.0	1.9696	Y



Calibration

/ 1,3-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

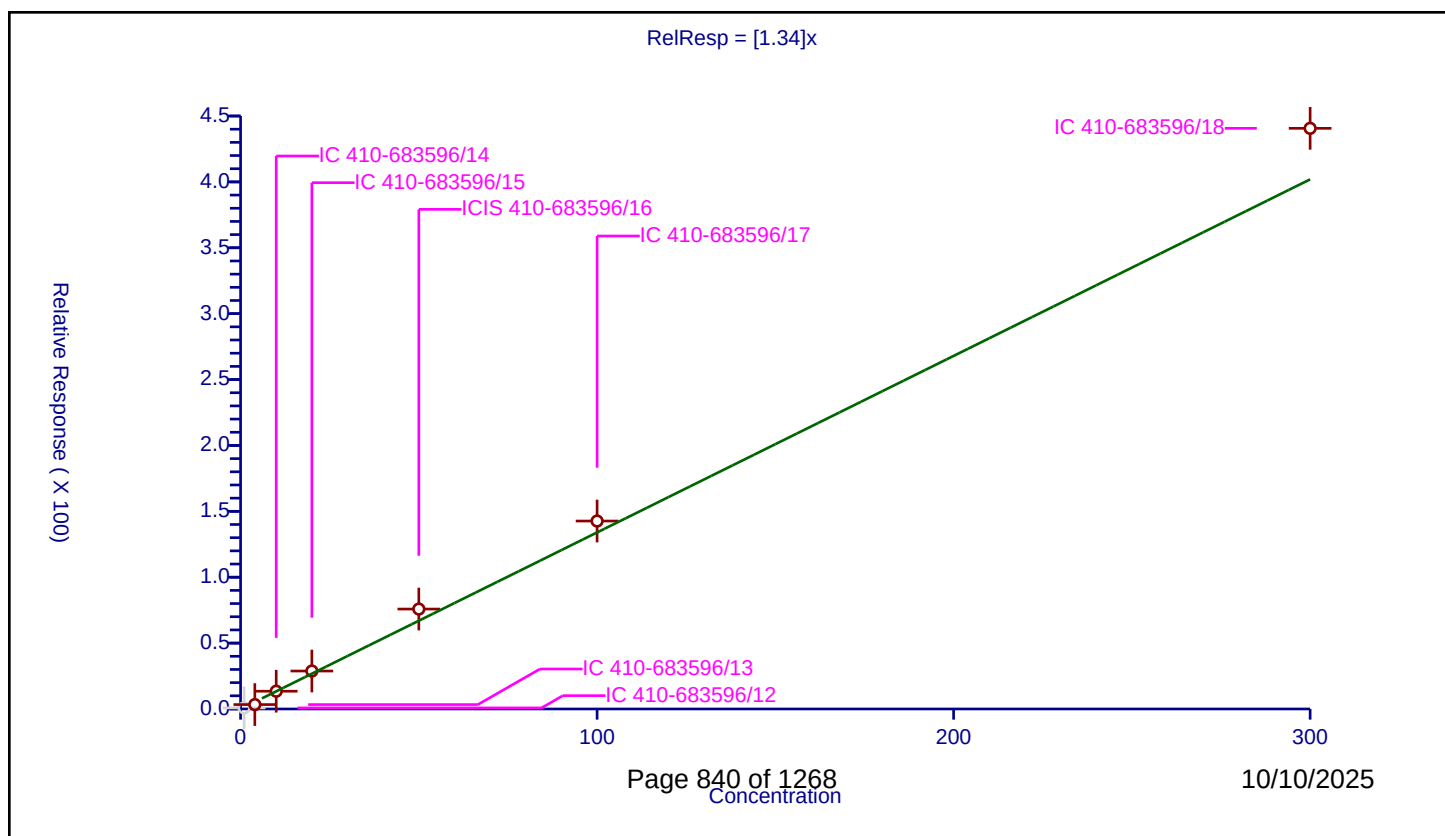
Curve Coefficients

Intercept: 0
Slope: 1.34

Error Coefficients

Relative Standard Deviation: 18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.827137	50.0	435478.0	0.827137	N
2	IC 410-683596/13	4.0	3.34968	50.0	459223.0	0.83742	Y
3	IC 410-683596/14	10.0	13.484081	50.0	431672.0	1.348408	Y
4	IC 410-683596/15	20.0	28.807769	50.0	441433.0	1.440388	Y
5	ICIS 410-683596/16	50.0	75.837264	50.0	444991.0	1.516745	Y
6	IC 410-683596/17	100.0	142.643474	50.0	449628.0	1.426435	Y
7	IC 410-683596/18	300.0	440.646309	50.0	478517.0	1.468821	Y



Calibration

/ p-Diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

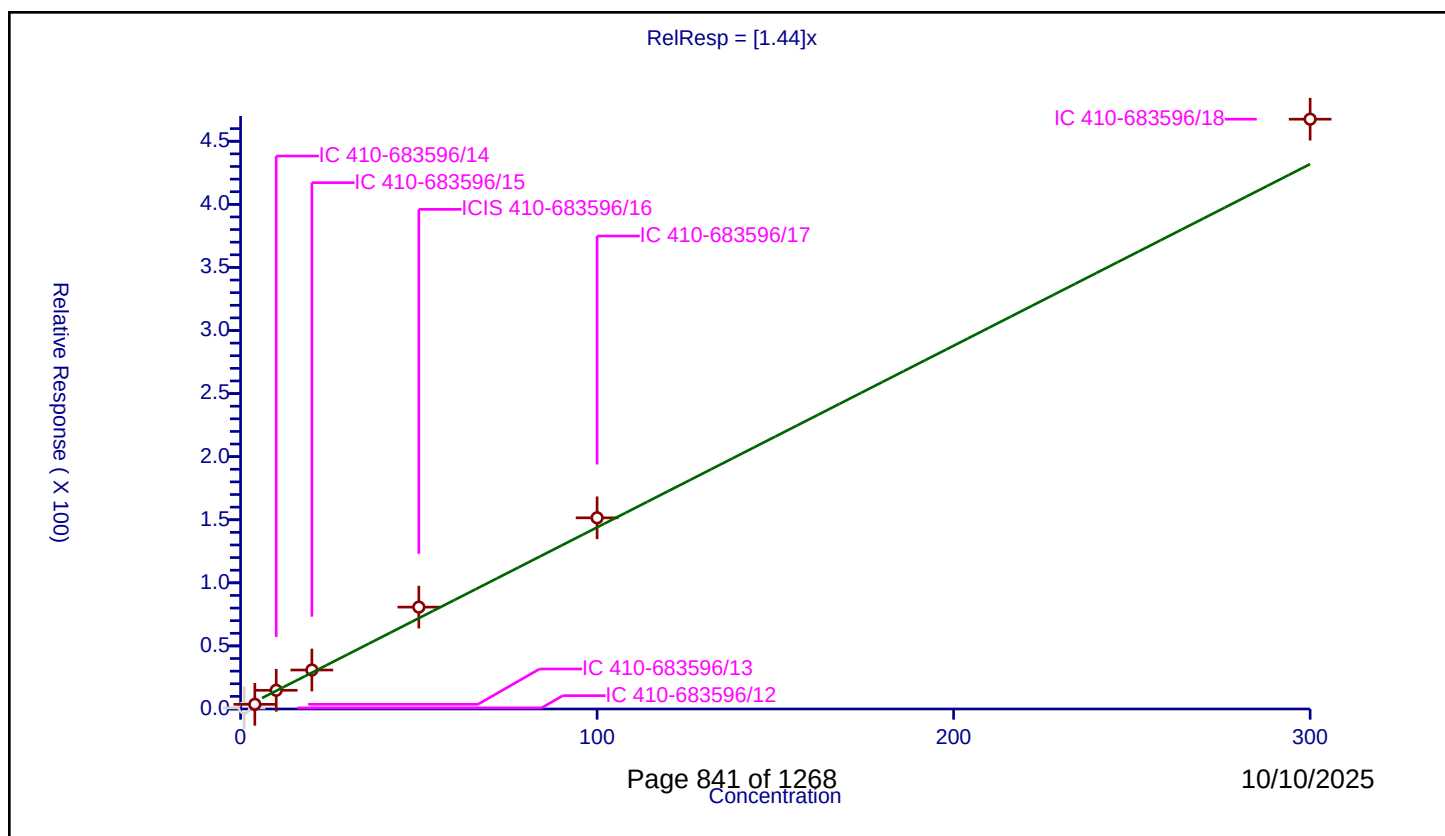
Curve Coefficients

Intercept: 0
Slope: 1.44

Error Coefficients

Relative Standard Deviation: 17.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.877541	50.0	435478.0	0.877541	N
2	IC 410-683596/13	4.0	3.690582	50.0	459223.0	0.922645	Y
3	IC 410-683596/14	10.0	14.818195	50.0	431672.0	1.48182	Y
4	IC 410-683596/15	20.0	30.893137	50.0	441433.0	1.544657	Y
5	ICIS 410-683596/16	50.0	80.750847	50.0	444991.0	1.615017	Y
6	IC 410-683596/17	100.0	151.526595	50.0	449628.0	1.515266	Y
7	IC 410-683596/18	300.0	467.493004	50.0	478517.0	1.55831	Y



Calibration

/ n-Butylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

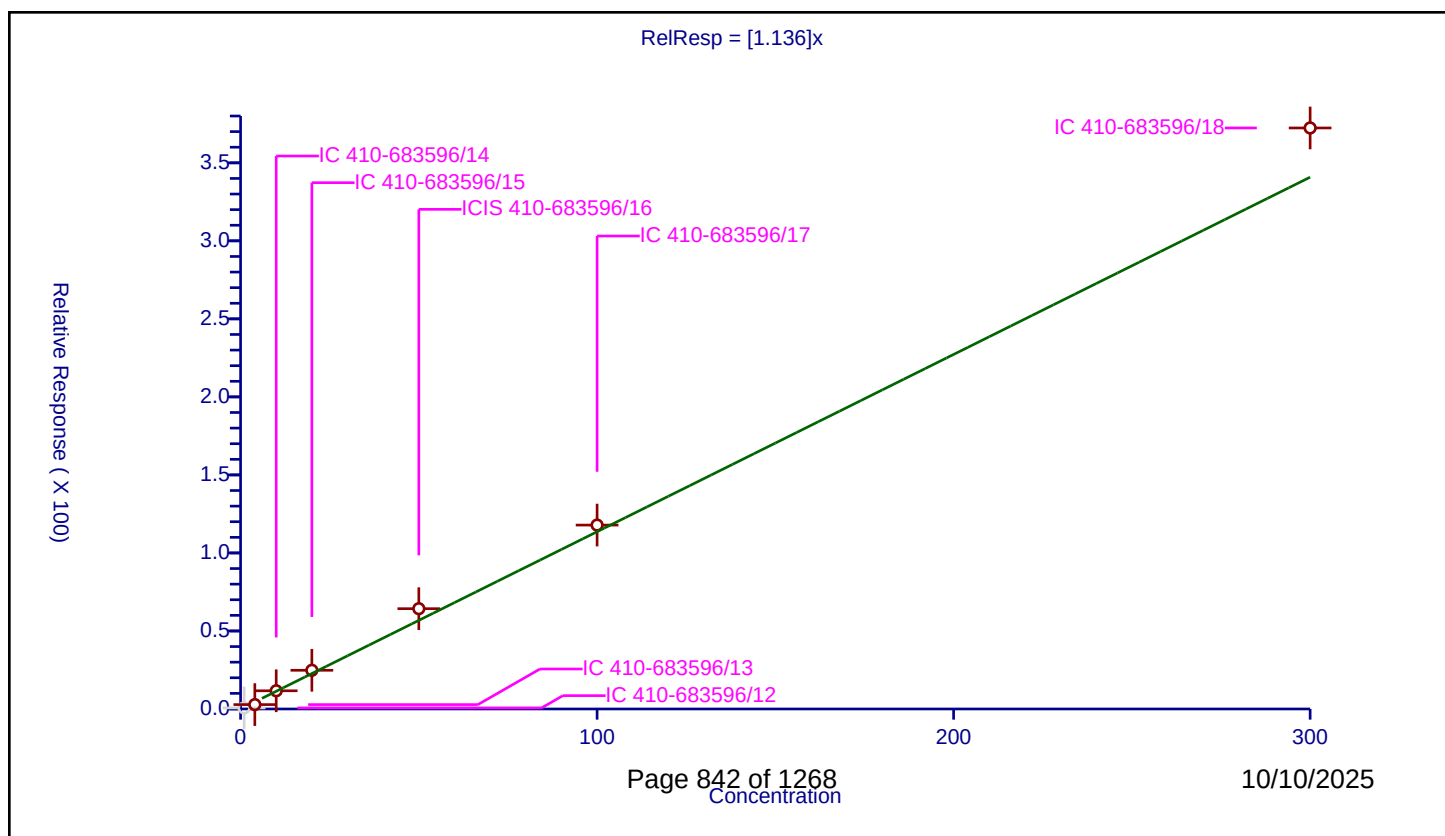
Curve Coefficients

Intercept: 0
Slope: 1.136

Error Coefficients

Relative Standard Deviation: 19.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.68465	50.0	435478.0	0.68465	N
2	IC 410-683596/13	4.0	2.818456	50.0	459223.0	0.704614	Y
3	IC 410-683596/14	10.0	11.660242	50.0	431672.0	1.166024	Y
4	IC 410-683596/15	20.0	24.800932	50.0	441433.0	1.240047	Y
5	ICIS 410-683596/16	50.0	64.280514	50.0	444991.0	1.28561	Y
6	IC 410-683596/17	100.0	117.854426	50.0	449628.0	1.178544	Y
7	IC 410-683596/18	300.0	372.348736	50.0	478517.0	1.241162	Y



Calibration

/ 1,2-Dichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

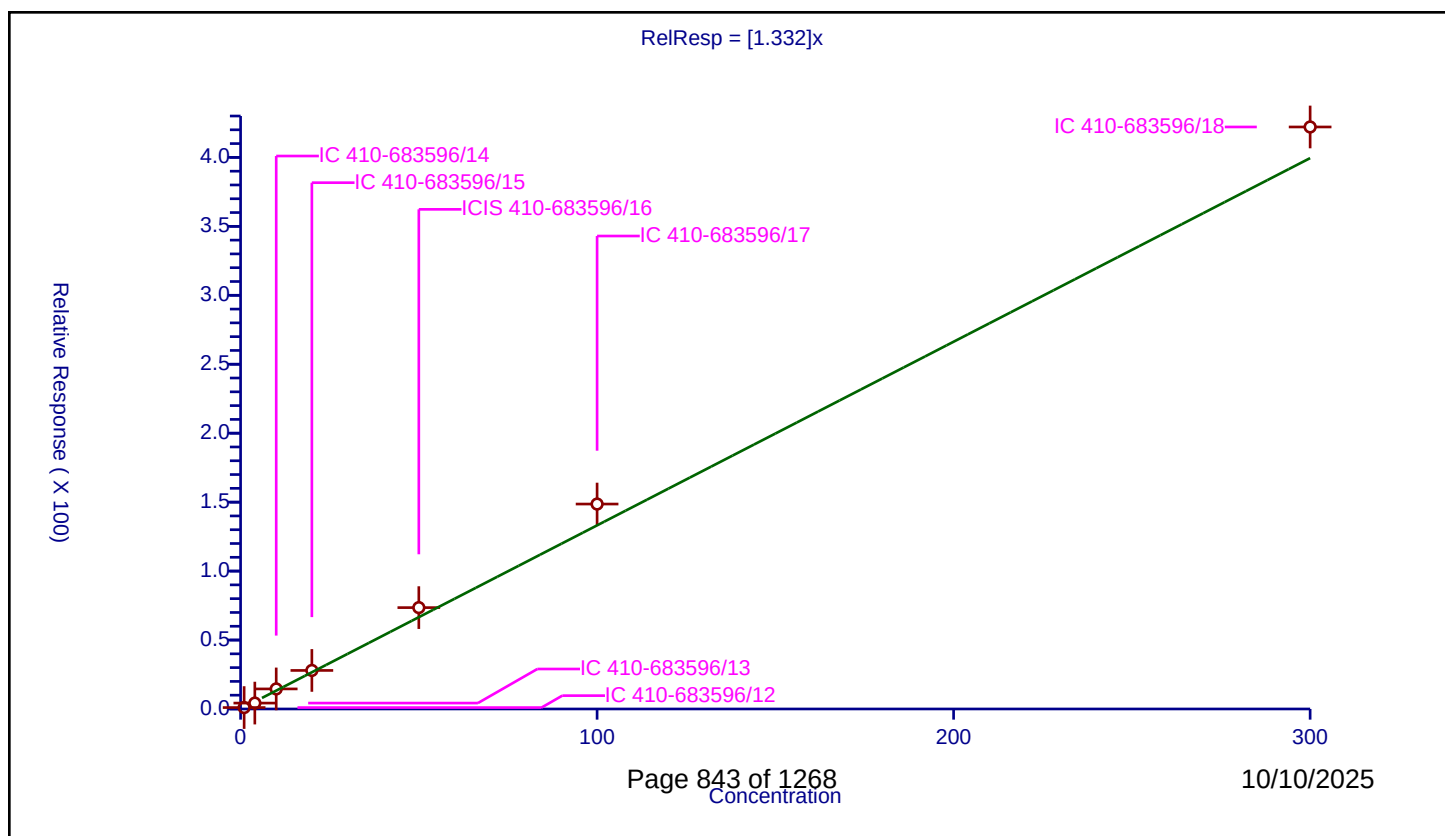
Curve Coefficients

Intercept: 0
Slope: 1.332

Error Coefficients

Relative Standard Deviation: 14.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	1.036332	50.0	435478.0	1.036332	Y
2	IC 410-683596/13	4.0	4.275809	50.0	459223.0	1.068952	Y
3	IC 410-683596/14	10.0	14.549357	50.0	431672.0	1.454936	Y
4	IC 410-683596/15	20.0	27.950788	50.0	441433.0	1.397539	Y
5	ICIS 410-683596/16	50.0	73.506992	50.0	444991.0	1.47014	Y
6	IC 410-683596/17	100.0	148.622862	50.0	449628.0	1.486229	Y
7	IC 410-683596/18	300.0	422.043835	50.0	478517.0	1.406813	Y



Calibration

/ o-diethylbenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

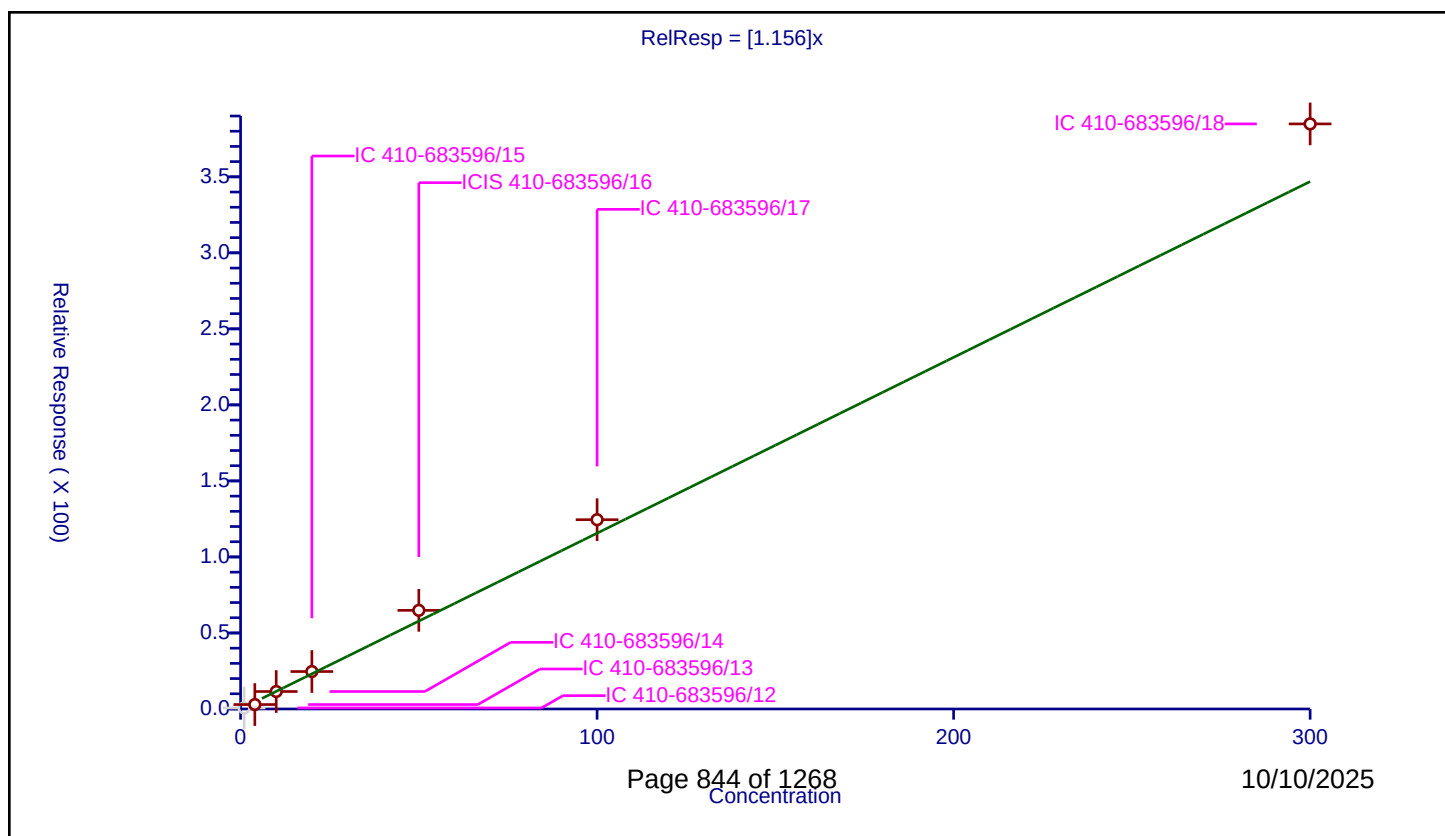
Curve Coefficients

Intercept: 0
Slope: 1.156

Error Coefficients

Relative Standard Deviation: 18.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.687635	50.0	435478.0	0.687635	N
2	IC 410-683596/13	4.0	2.925485	50.0	459223.0	0.731371	Y
3	IC 410-683596/14	10.0	11.502483	50.0	431672.0	1.150248	Y
4	IC 410-683596/15	20.0	24.630352	50.0	441433.0	1.231518	Y
5	ICIS 410-683596/16	50.0	64.859514	50.0	444991.0	1.29719	Y
6	IC 410-683596/17	100.0	124.494805	50.0	449628.0	1.244948	Y
7	IC 410-683596/18	300.0	384.807959	50.0	478517.0	1.282693	Y



Calibration

/ 1,2-Dibromo-3-Chloropropane

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

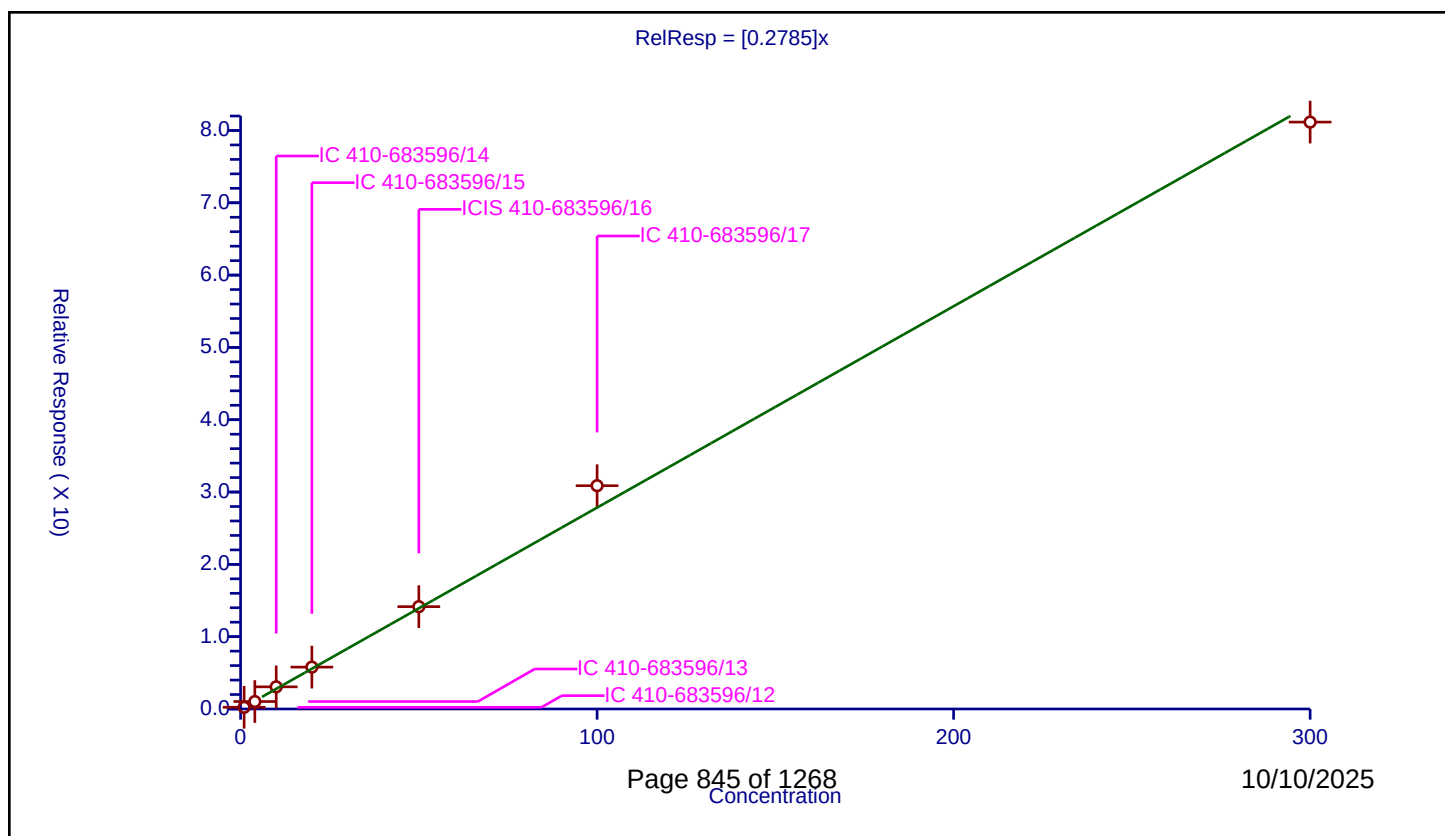
Curve Coefficients

Intercept: 0
Slope: 0.2785

Error Coefficients

Relative Standard Deviation: 9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.233766	50.0	435478.0	0.233766	Y
2	IC 410-683596/13	4.0	1.029347	50.0	459223.0	0.257337	Y
3	IC 410-683596/14	10.0	3.063205	50.0	431672.0	0.306321	Y
4	IC 410-683596/15	20.0	5.791253	50.0	441433.0	0.289563	Y
5	ICIS 410-683596/16	50.0	14.1495	50.0	444991.0	0.28299	Y
6	IC 410-683596/17	100.0	30.878971	50.0	449628.0	0.30879	Y
7	IC 410-683596/18	300.0	81.157409	50.0	478517.0	0.270525	Y



Calibration

/ 1,3,5-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

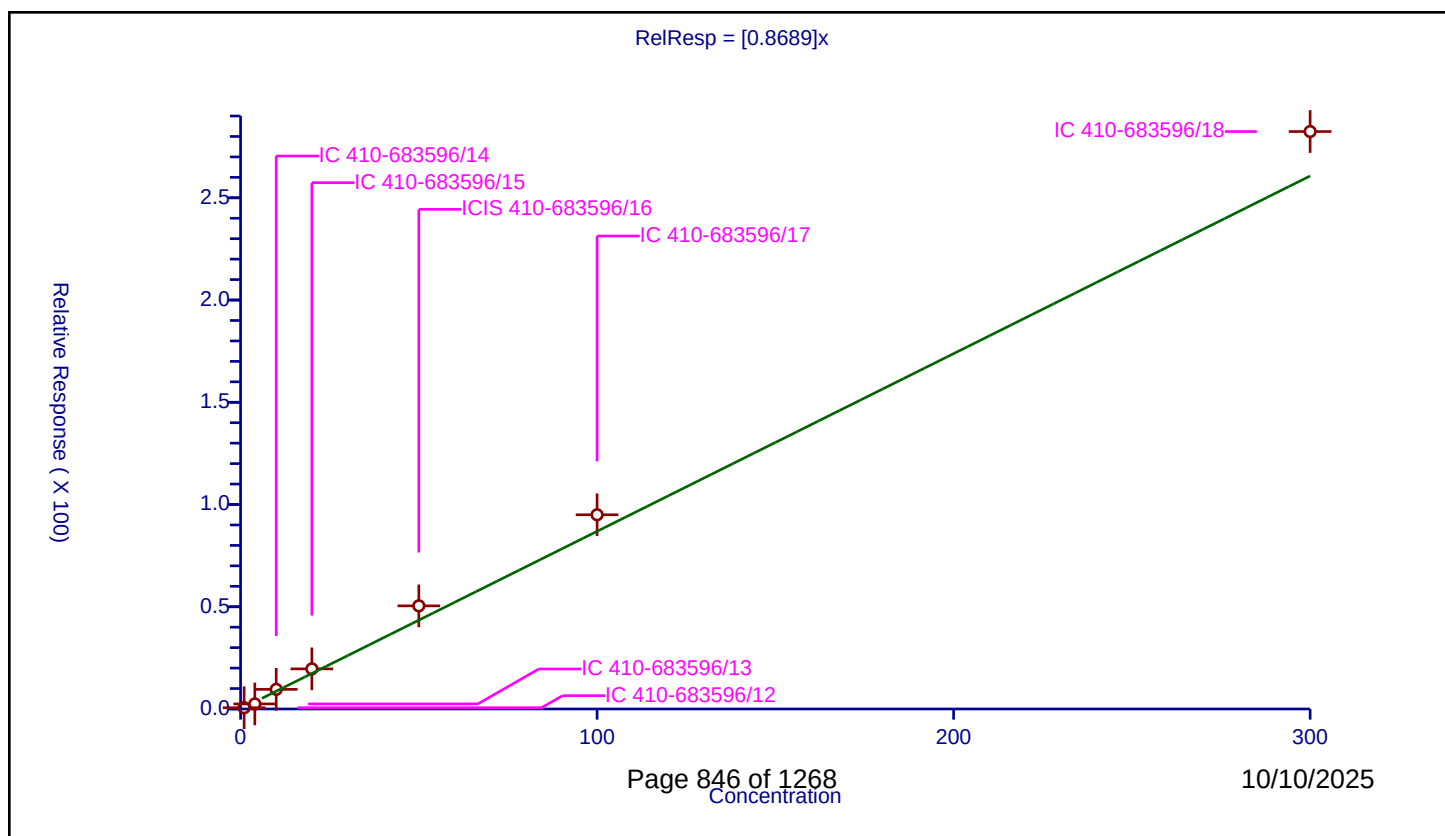
Curve Coefficients

Intercept: 0
Slope: 0.8689

Error Coefficients

Relative Standard Deviation: 19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.618401	50.0	435478.0	0.618401	Y
2	IC 410-683596/13	4.0	2.489858	50.0	459223.0	0.622464	Y
3	IC 410-683596/14	10.0	9.601966	50.0	431672.0	0.960197	Y
4	IC 410-683596/15	20.0	19.625402	50.0	441433.0	0.98127	Y
5	ICIS 410-683596/16	50.0	50.441919	50.0	444991.0	1.008838	Y
6	IC 410-683596/17	100.0	94.987189	50.0	449628.0	0.949872	Y
7	IC 410-683596/18	300.0	282.410656	50.0	478517.0	0.941369	Y



Calibration

/ 1,2,4-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

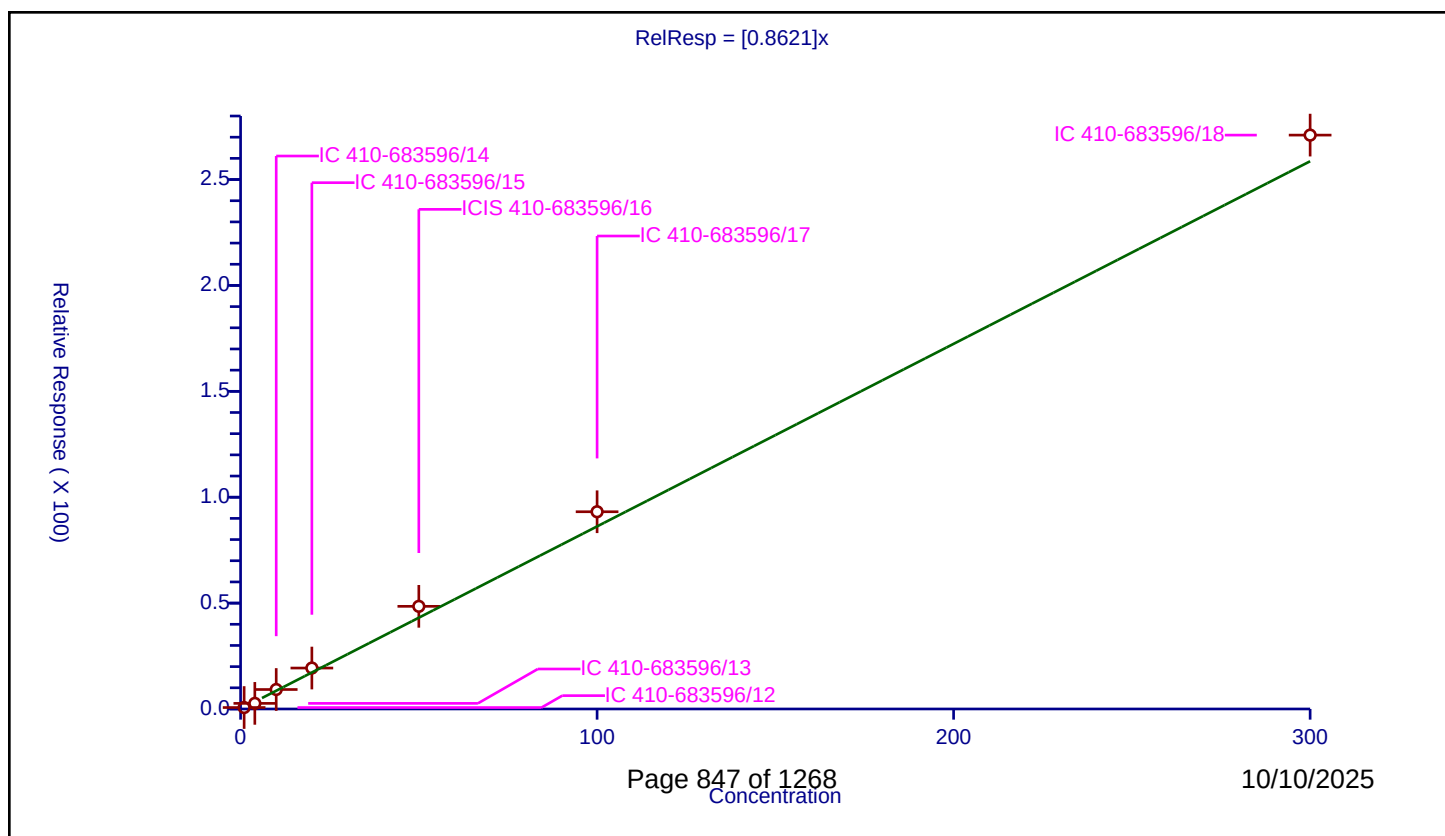
Curve Coefficients

Intercept: 0
Slope: 0.8621

Error Coefficients

Relative Standard Deviation: 15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.680057	50.0	435478.0	0.680057	Y
2	IC 410-683596/13	4.0	2.655028	50.0	459223.0	0.663757	Y
3	IC 410-683596/14	10.0	9.198767	50.0	431672.0	0.919877	Y
4	IC 410-683596/15	20.0	19.337023	50.0	441433.0	0.966851	Y
5	ICIS 410-683596/16	50.0	48.475138	50.0	444991.0	0.969503	Y
6	IC 410-683596/17	100.0	93.138328	50.0	449628.0	0.931383	Y
7	IC 410-683596/18	300.0	270.978878	50.0	478517.0	0.903263	Y



Calibration

/ 2-Ethylhexyl acrylate

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

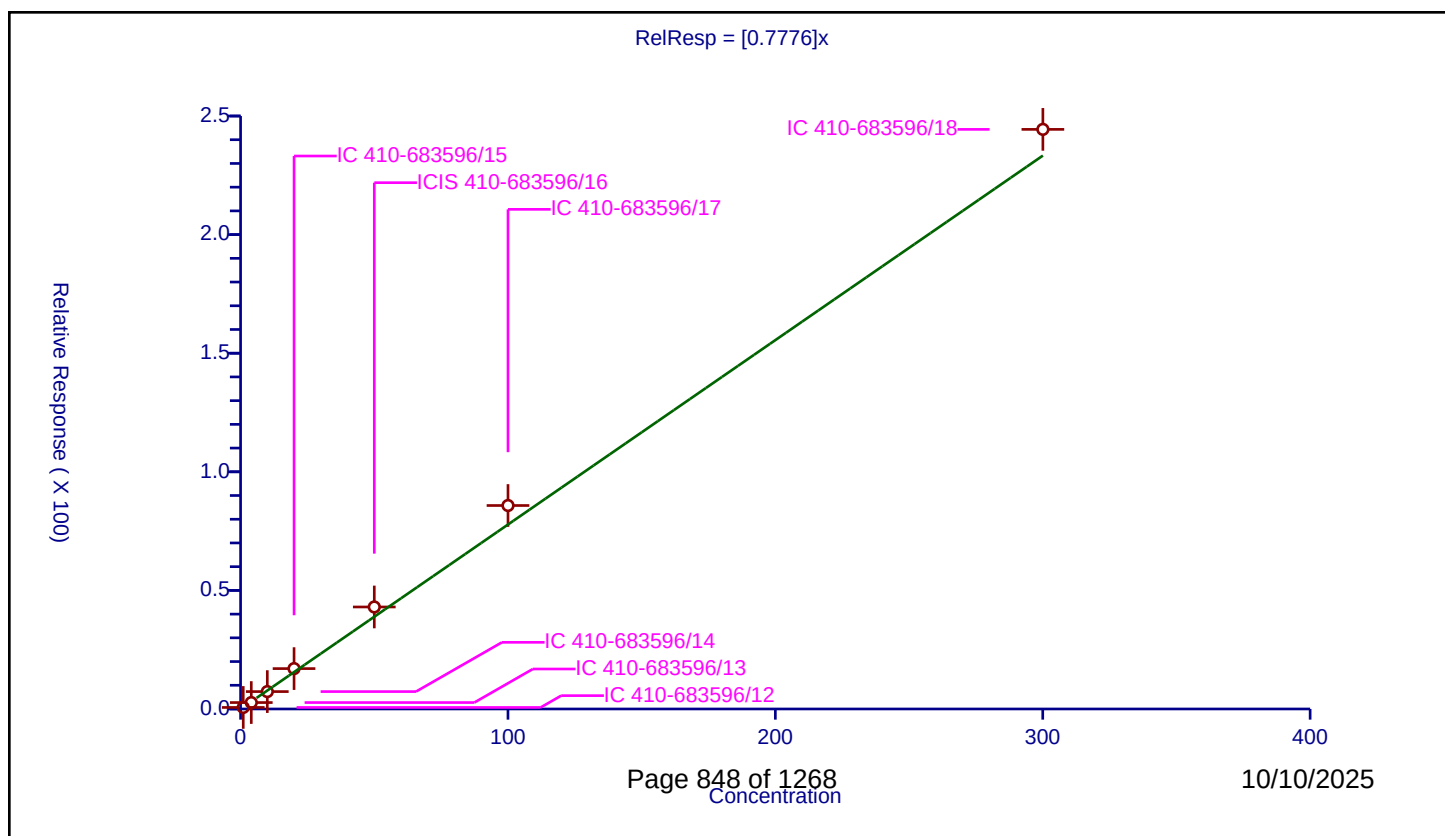
Curve Coefficients

Intercept: 0
Slope: 0.7776

Error Coefficients

Relative Standard Deviation: 11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.000171	0.648483	50.0	435478.0	0.648372	Y
2	IC 410-683596/13	4.000685	2.713061	50.0	459223.0	0.678149	Y
3	IC 410-683596/14	10.001712	7.331724	50.0	431672.0	0.733047	Y
4	IC 410-683596/15	20.003424	17.030444	50.0	441433.0	0.851376	Y
5	ICIS 410-683596/16	50.00856	43.013791	50.0	444991.0	0.860129	Y
6	IC 410-683596/17	100.01712	85.785472	50.0	449628.0	0.857708	Y
7	IC 410-683596/18	300.05136	244.371151	50.0	478517.0	0.814431	Y



Calibration

/ Hexachlorobutadiene

Curve Type: Linear
 Weighting: Conc
 Origin: None
 Dependency: Response
 Calib Mode: ISTD
 Response Base: AREA
 RF Rounding: 0

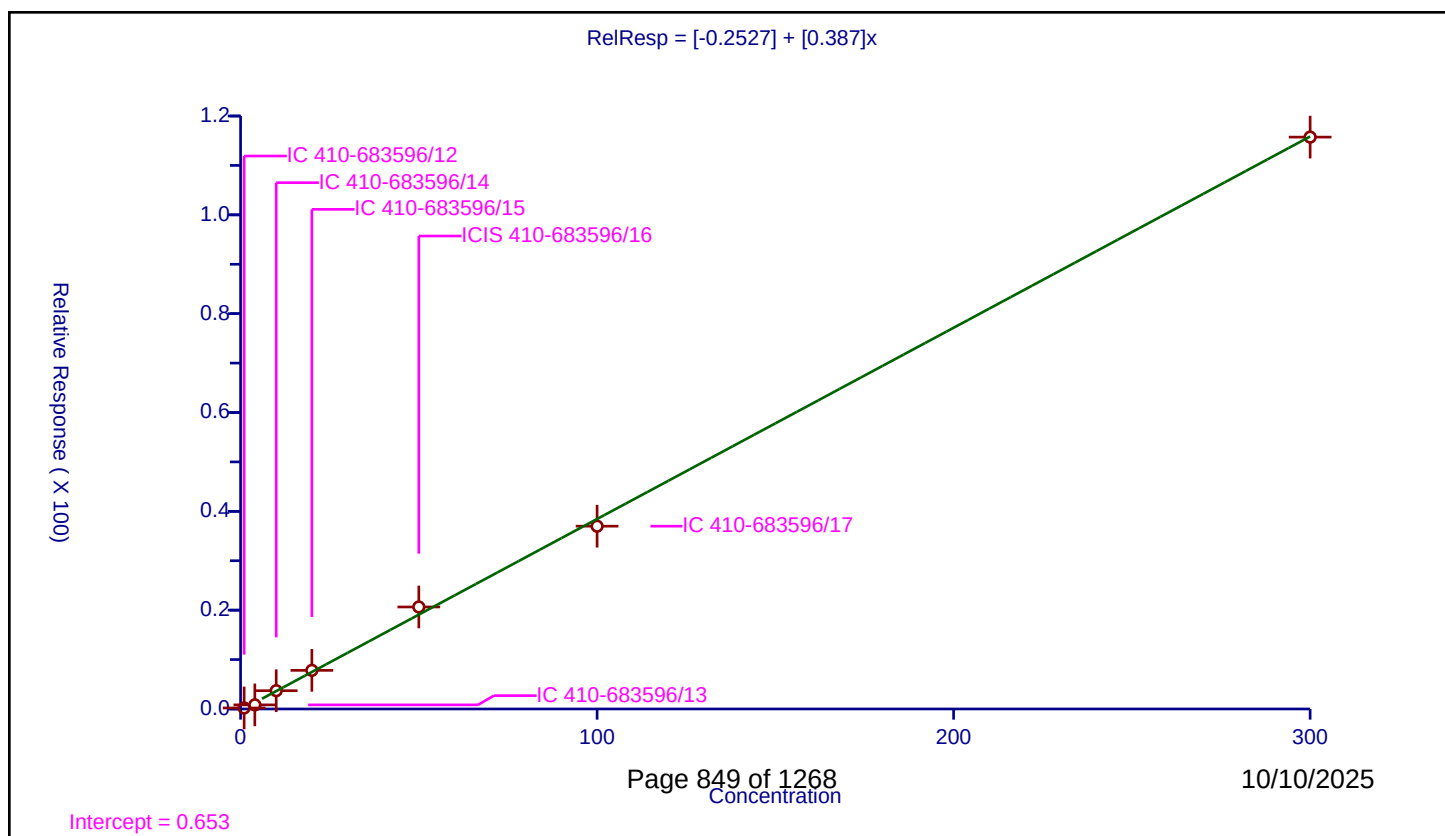
Curve Coefficients

Intercept: -0.2527
 Slope: 0.387

Error Coefficients

Relative Standard Deviation: 16.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.208507	50.0	435478.0	0.208507	Y
2	IC 410-683596/13	4.0	0.835542	50.0	459223.0	0.208885	Y
3	IC 410-683596/14	10.0	3.6998	50.0	431672.0	0.36998	Y
4	IC 410-683596/15	20.0	7.817041	50.0	441433.0	0.390852	Y
5	ICIS 410-683596/16	50.0	20.64435	50.0	444991.0	0.412887	Y
6	IC 410-683596/17	100.0	36.993359	50.0	449628.0	0.369934	Y
7	IC 410-683596/18	300.0	115.732565	50.0	478517.0	0.385775	Y



Calibration

/ Naphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

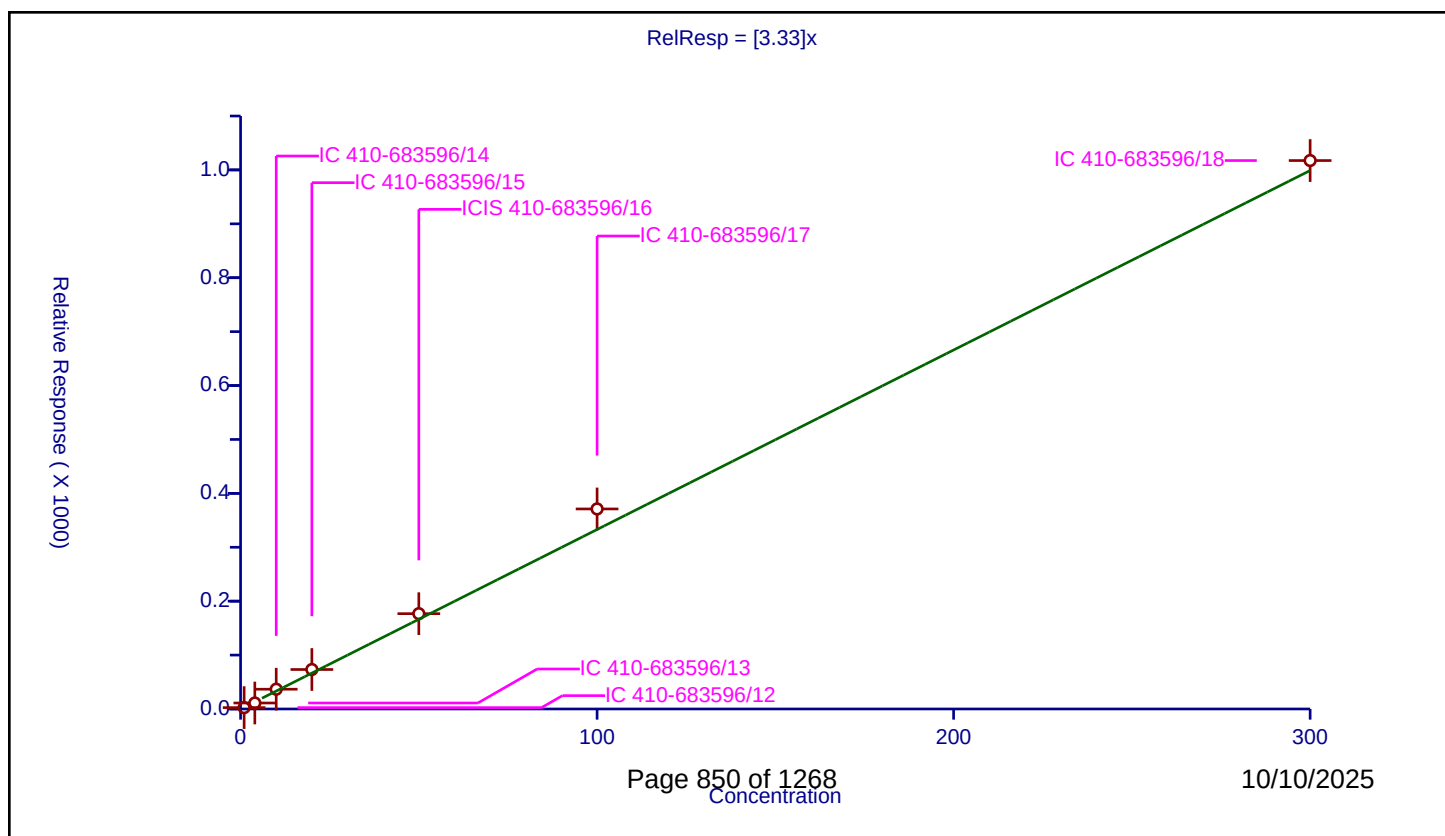
Curve Coefficients

Intercept: 0
Slope: 3.33

Error Coefficients

Relative Standard Deviation: 14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	2.563505	50.0	435478.0	2.563505	Y
2	IC 410-683596/13	4.0	11.109962	50.0	459223.0	2.77749	Y
3	IC 410-683596/14	10.0	36.670782	50.0	431672.0	3.667078	Y
4	IC 410-683596/15	20.0	73.222324	50.0	441433.0	3.661116	Y
5	ICIS 410-683596/16	50.0	176.802789	50.0	444991.0	3.536056	Y
6	IC 410-683596/17	100.0	371.099553	50.0	449628.0	3.710996	Y
7	IC 410-683596/18	300.0	1017.407532	50.0	478517.0	3.391358	Y



Calibration

/ 1,2,3-Trichlorobenzene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

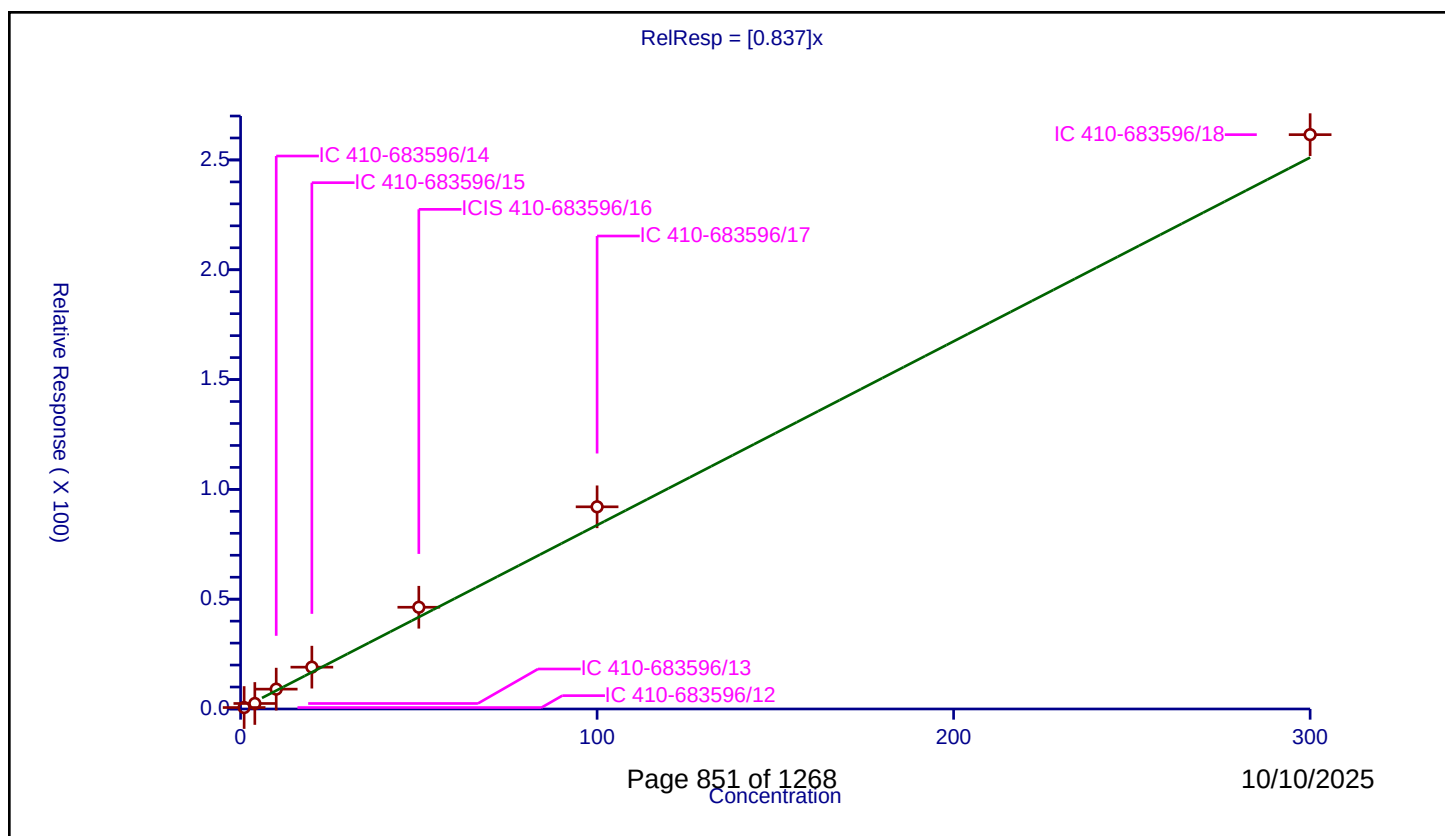
Curve Coefficients

Intercept: 0
Slope: 0.837

Error Coefficients

Relative Standard Deviation: 16.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.656635	50.0	435478.0	0.656635	Y
2	IC 410-683596/13	4.0	2.506952	50.0	459223.0	0.626738	Y
3	IC 410-683596/14	10.0	9.045641	50.0	431672.0	0.904564	Y
4	IC 410-683596/15	20.0	19.047511	50.0	441433.0	0.952376	Y
5	ICIS 410-683596/16	50.0	46.323296	50.0	444991.0	0.926466	Y
6	IC 410-683596/17	100.0	92.058213	50.0	449628.0	0.920582	Y
7	IC 410-683596/18	300.0	261.512339	50.0	478517.0	0.871708	Y



Calibration

/ 2-Methylnaphthalene

Curve Type: Average
Weighting: Conc_Sq
Origin: Force
Dependency: Response
Calib Mode: ISTD
Response Base: AREA
RF Rounding: 0

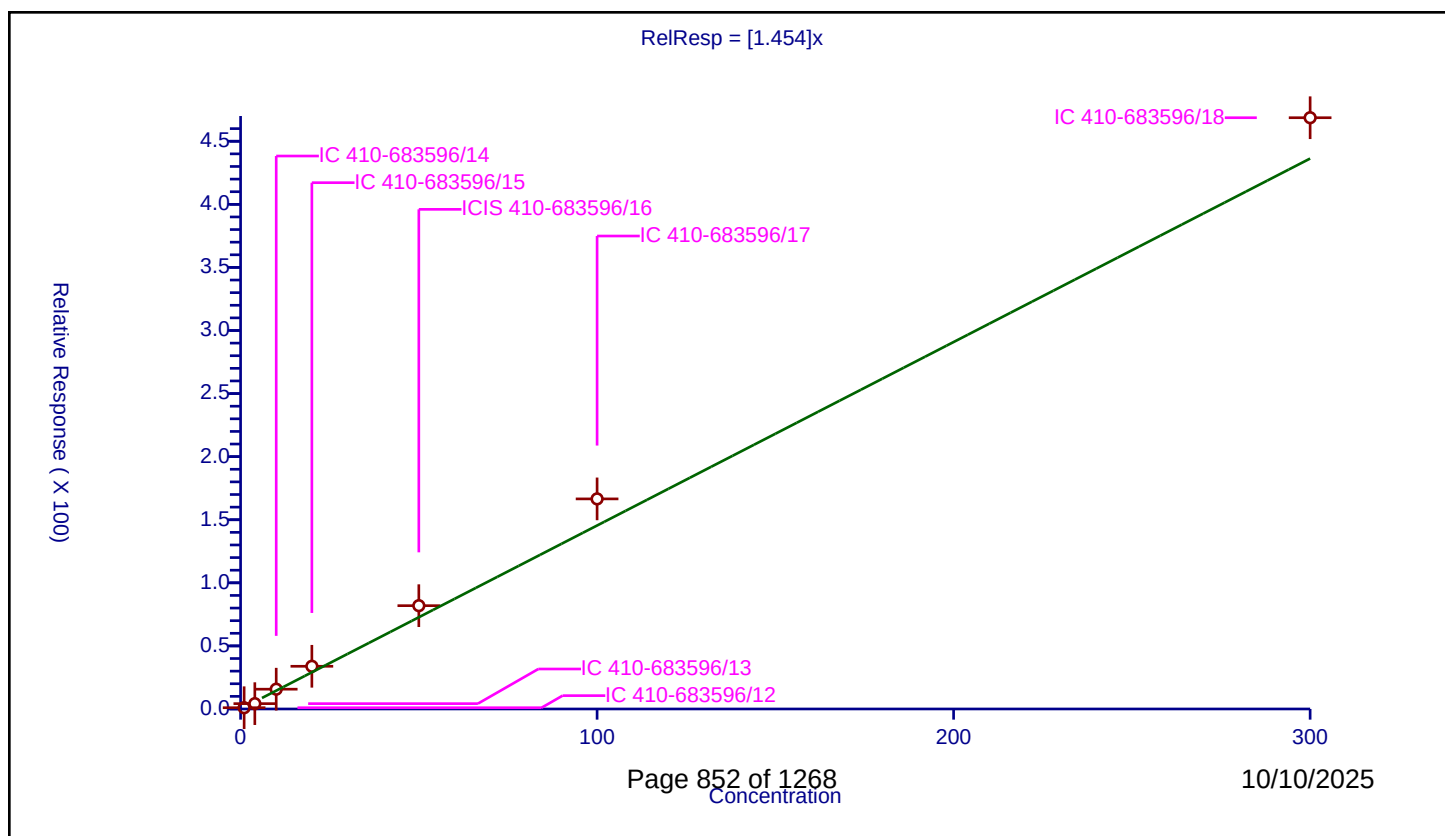
Curve Coefficients

Intercept: 0
Slope: 1.454

Error Coefficients

Relative Standard Deviation: 20.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-683596/12	1.0	0.995458	50.0	435478.0	0.995458	Y
2	IC 410-683596/13	4.0	4.229753	50.0	459223.0	1.057438	Y
3	IC 410-683596/14	10.0	15.686563	50.0	431672.0	1.568656	Y
4	IC 410-683596/15	20.0	33.859159	50.0	441433.0	1.692958	Y
5	ICIS 410-683596/16	50.0	81.893679	50.0	444991.0	1.637874	Y
6	IC 410-683596/17	100.0	166.52922	50.0	449628.0	1.665292	Y
7	IC 410-683596/18	300.0	468.651793	50.0	478517.0	1.562173	Y



FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/3	NS22X03.D
Level 2	IC 410-702728/4	NS22X04.D
Level 3	IC 410-702728/5	NS22X05.D
Level 4	IC 410-702728/6	NS22X06.D
Level 5	IC 410-702728/7	NS22X07.D
Level 6	IC 410-702728/8	NS22X08.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.1833 0.2685	0.2382	0.2659	0.2878	0.3211	Ave		0.2608				18.0		20.0			
Chlorodifluoromethane	7.5312 8.5783	8.9779	8.7044	8.6957	9.1255	Ave		8.6022				6.5		20.0			
Freon 133a	0.4065 0.4645	0.4818	0.4774	0.4698	0.4997	Ave		0.4666				6.8		20.0			
Ethyl ether	0.1626 0.1683	0.1617	0.1669	0.1653	0.1623	Ave		0.1645				1.6		20.0			
Acetonitrile	1.1358 0.8114	0.9337	0.8992	0.8657	0.8209	Ave		0.9111				13.1		20.0			
Vinyl acetate	0.4238 0.4241	0.4169	0.4449	0.3823	0.4243	Ave		0.4194				4.9		20.0			
Ethyl acetate	0.2532 0.2572	0.2375	0.2630	0.2574	0.2511	Ave		0.2532				3.4		20.0			
Isopropyl acetate	0.4760 0.5142	0.4578	0.5123	0.5019	0.4940	Ave		0.4927				4.5		20.0			
n-Propyl acetate	0.1135 0.1196	0.1026	0.1192	0.1175	0.1163	Ave		0.1148				5.6		20.0			
3,4-Dichloro-1-butene	0.3213 0.3843	0.3204	0.3278	0.3460	0.3505	Ave		0.3417				7.1		20.0			
Butyl acetate	0.4762 0.5199	0.4552	0.5062	0.5017	0.5076	Ave		0.4944				4.9		20.0			
cis-1,4-Dichloro-2-butene	0.1575 0.2007	0.1631	0.1736	0.1834	0.1891	Ave		0.1779				9.2		20.0			
2,3,4-Trichlorobutene	0.6011 0.7330	0.6018	0.6489	0.6784	0.6906	Ave		0.6590				7.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/3	NS22X03.D
Level 2	IC 410-702728/4	NS22X04.D
Level 3	IC 410-702728/5	NS22X05.D
Level 4	IC 410-702728/6	NS22X06.D
Level 5	IC 410-702728/7	NS22X07.D
Level 6	IC 410-702728/8	NS22X08.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	15549 1585444	51206	113092	307481	680301	4.00 300	10.0	20.0	50.0	100
Chlorodifluoromethane	TBA01	Ave	35168 2877561	107919	205389	510335	1084450	4.00 300	10.0	20.0	50.0	100
Freon 133a	FB	Ave	34492 2743478	103575	203070	501965	1058550	4.00 300	10.0	20.0	50.0	100
Ethyl ether	FB	Ave	13803 994011	34773	71032	176677	343977	4.00 300	10.0	20.0	50.0	100
Acetonitrile	TBA01	Ave	26520 1360930	56120	106093	254025	487783	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	35956 2504495	89637	189257	408478	898865	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	21481 1519226	51059	111854	274994	532051	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	40389 3036660	98420	217904	536275	1046620	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	9634 706340	22053	50718	125584	246494	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZd5	Ave	21736 1829648	54160	110971	297636	586493	4.00 300	10.0	20.0	50.0	100
Butyl acetate	CBZd5	Ave	32199 2474089	76910	171279	431388	848959	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZd5	Ave	10652 954983	27563	58725	157666	316193	4.00 300	10.00	20.0	50.0	100.0
2,3,4-Trichlorobutene	DCBd4	Ave	24398 2121522	61309	129191	345414	693462	4.00 300	10.0	20.0	50.0	100
Pentachloroethane	DCBd4	Ave	17894 1117802	52172	91741	122466	414276	4.00 300	10.0	20.0	50.0	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
 Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Curve Type Legend:

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 15:13 Calibration End Date: 09/22/2025 16:52 Calibration ID: 76948

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/3	NS22X03.D
Level 2	IC 410-702728/4	NS22X04.D
Level 3	IC 410-702728/5	NS22X05.D
Level 4	IC 410-702728/6	NS22X06.D
Level 5	IC 410-702728/7	NS22X07.D
Level 6	IC 410-702728/8	NS22X08.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorotrifluoroethene	-29.7	-8.7	2.0	10.4	23.1	2.9	50	30	30	30	30	30
Chlorodifluoromethane	-12.5	4.4	1.2	1.1	6.1	-0.3	50	30	30	30	30	30
Freon 133a	-12.9	3.2	2.3	0.7	7.1	-0.4	50	30	30	30	30	30
Ethyl ether	-1.1	-1.7	1.5	0.5	-1.3	2.3	50	30	30	30	30	30
Acetonitrile	24.7	2.5	-1.3	-5.0	-9.9	-10.9	50	30	30	30	30	30
Vinyl acetate	1.1	-0.6	6.1	-8.8	1.2	1.1	50	30	30	30	30	30
Ethyl acetate	0.0	-6.2	3.8	1.6	-0.8	1.6	50	30	30	30	30	30
Isopropyl acetate	-3.4	-7.1	4.0	1.9	0.3	4.4	50	30	30	30	30	30
n-Propyl acetate	-1.1	-10.7	3.9	2.4	1.3	4.2	50	30	30	30	30	30
3,4-Dichloro-1-butene	-6.0	-6.2	-4.1	1.2	2.6	12.5	50	30	30	30	30	30
Butyl acetate	-3.7	-7.9	2.4	1.5	2.7	5.2	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-11.4	-8.3	-2.4	3.1	6.3	12.8	50	30	30	30	30	30
2,3,4-Trichlorobutene	-8.8	-8.7	-1.5	2.9	4.8	11.2	50	30	30	30	30	30
Pentachloroethane	7.8	25.3	12.7	-41.2 *	0.9	-5.5	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
 Lims ID: IC sm v4
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 22-Sep-2025 15:13:33 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-003
 Misc. Info.: IC SM V4
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:10 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 18:29:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.987	1.984	0.003	41	15549	4.00	2.81	M
3 Chlorodifluoromethane	51	2.041	2.041	0.000	97	35168	4.00	3.50	M
7 2-Chloro-1,1,1-Trifluoroethane	118	2.434	2.443	-0.009	33	34492	4.00	3.48	M
14 Ethyl ether	59	3.421	3.414	0.007	91	13803	4.00	3.96	
23 Acetonitrile	41	4.224	4.225	-0.001	95	26520	20.0	24.9	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.520	4.533	-0.013	1	291854	250.0	250.0	
34 Vinyl acetate	43	5.588	5.588	0.000	97	35956	4.00	4.04	
42 Ethyl acetate	43	6.469	6.459	0.010	98	21481	4.00	4.00	
58 Isopropyl acetate	43	7.684	7.681	0.003	99	40389	4.00	3.86	
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	99	1060564	50.0	50.0	
73 n-Propyl acetate	61	8.967	8.958	0.009	95	9634	4.00	3.96	
125 3,4-Dichloro-1-butene	75	10.662	10.659	0.003	91	21736	4.00	3.76	
127 n-Butyl acetate	43	10.777	10.778	-0.001	98	32199	4.00	3.85	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	86	845259	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.234	12.231	0.003	0	10652	4.00	3.54	
153 2,3,4-Trichlorobutene	109	12.694	12.691	0.003	0	24398	4.00	3.65	
156 Pentachloroethane	167	12.906	12.906	0.000	87	17894	4.00	4.31	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	93	507246	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 4.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 4.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.00	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 4.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL

Report Date: 23-Sep-2025 09:35:11

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D

Injection Date: 22-Sep-2025 15:13:33

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v4

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

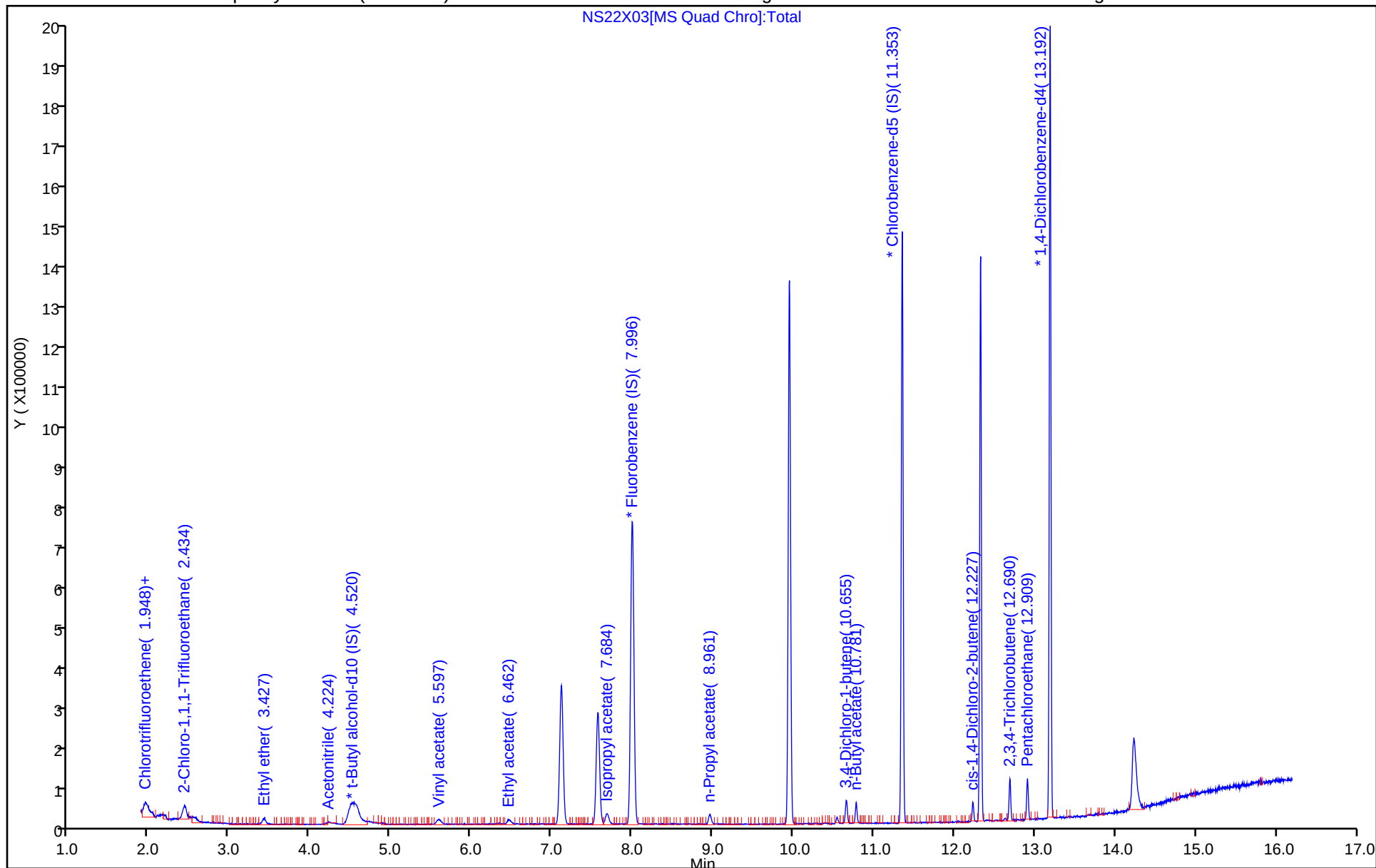
ALS Bottle#: 2

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

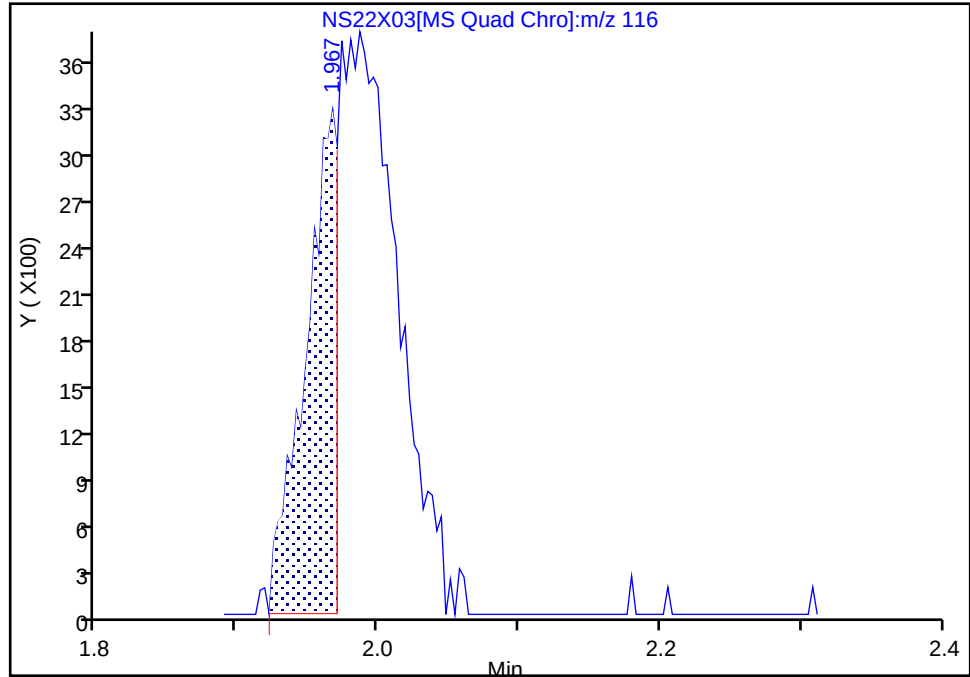
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

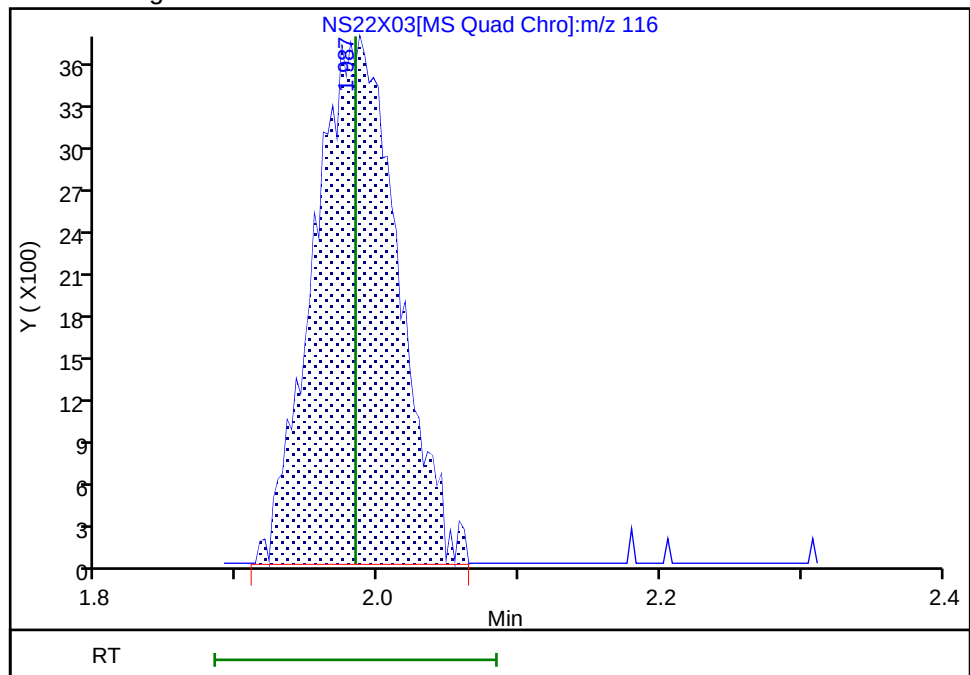
RT: 1.97
Area: 5133
Amount: 3.090608
Amount Units: ug/l

Processing Integration Results



RT: 1.99
Area: 15549
Amount: 2.811077
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

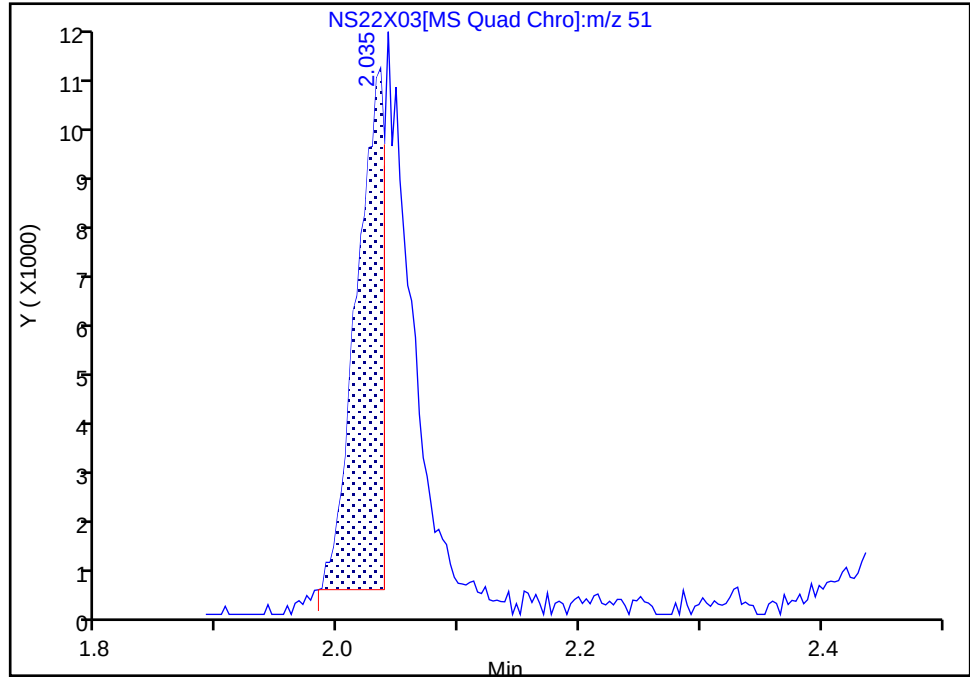
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

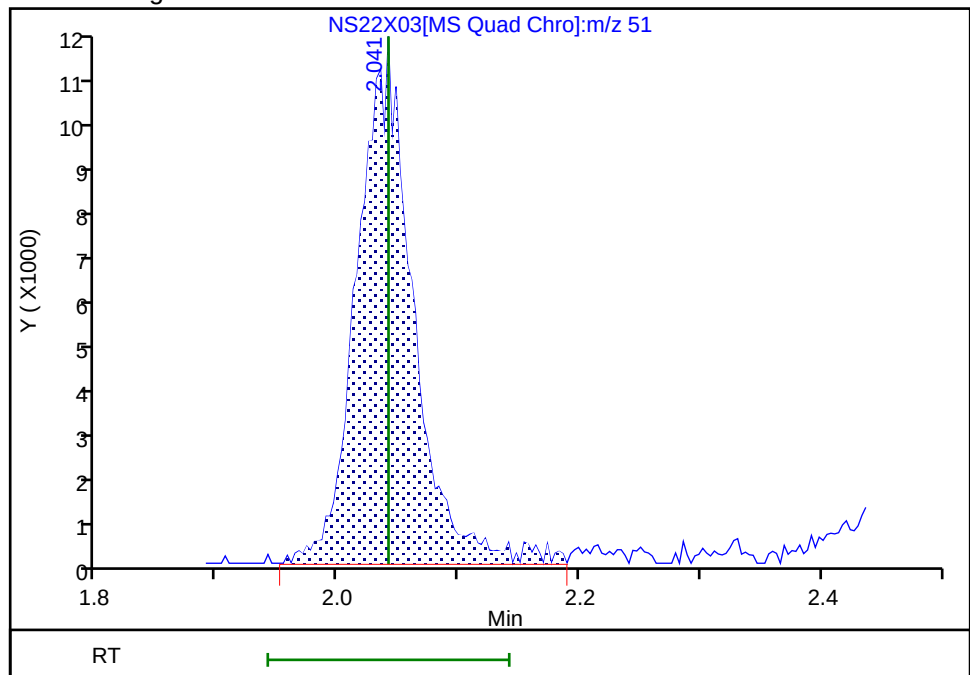
RT: 2.03
Area: 15669
Amount: 1.697646
Amount Units: ug/l

Processing Integration Results



RT: 2.04
Area: 35168
Amount: 3.501987
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

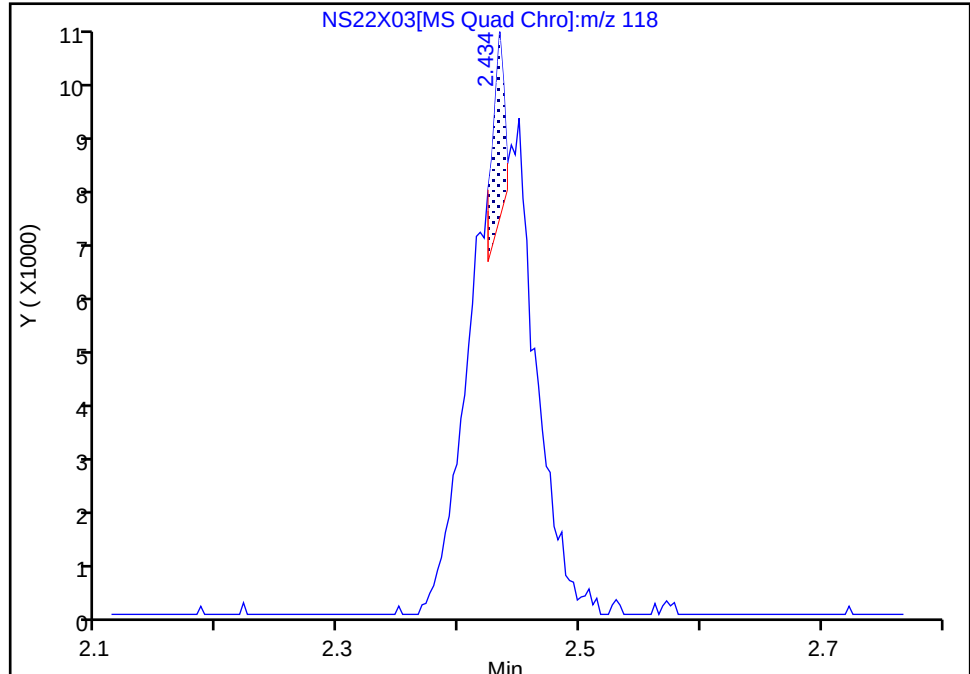
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

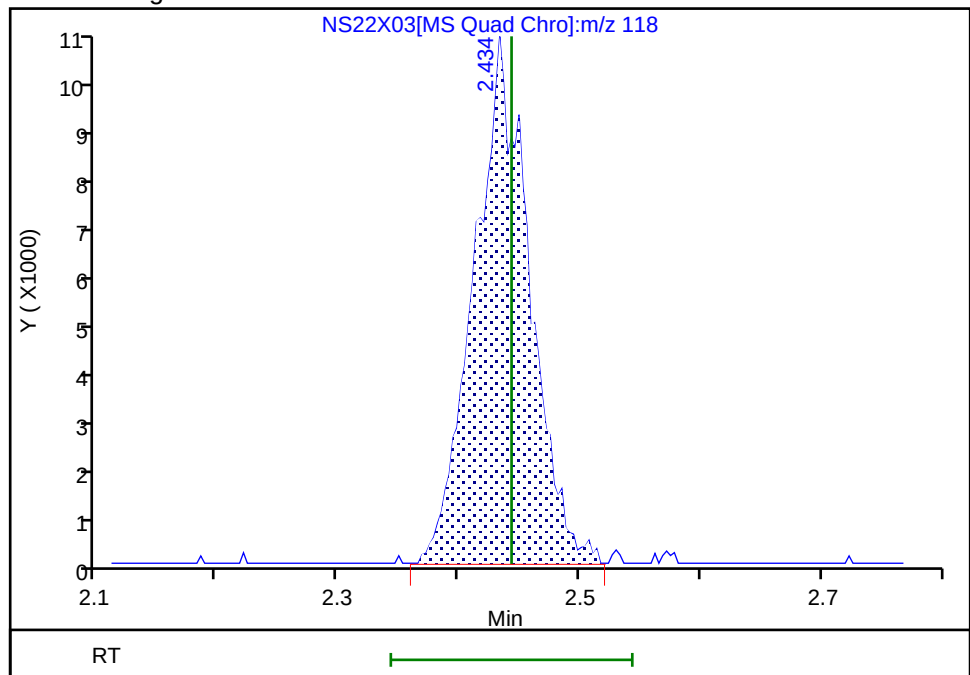
RT: 2.43
Area: 2278
Amount: 2.514073
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 34492
Amount: 3.484962
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

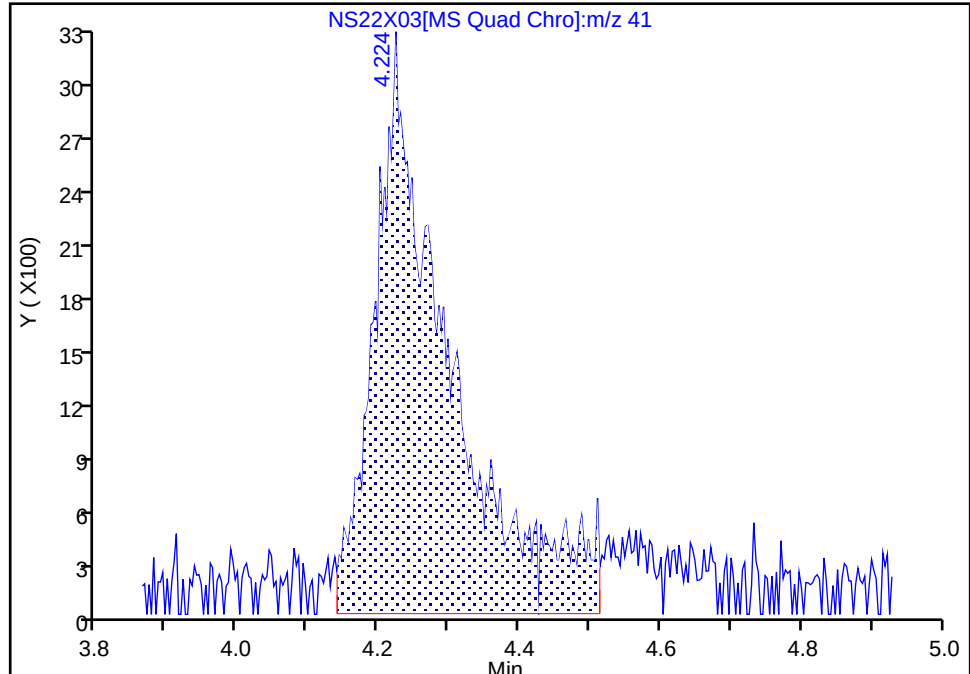
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X03.D
Injection Date: 22-Sep-2025 15:13:33 Instrument ID: 7159
Lims ID: IC sm v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

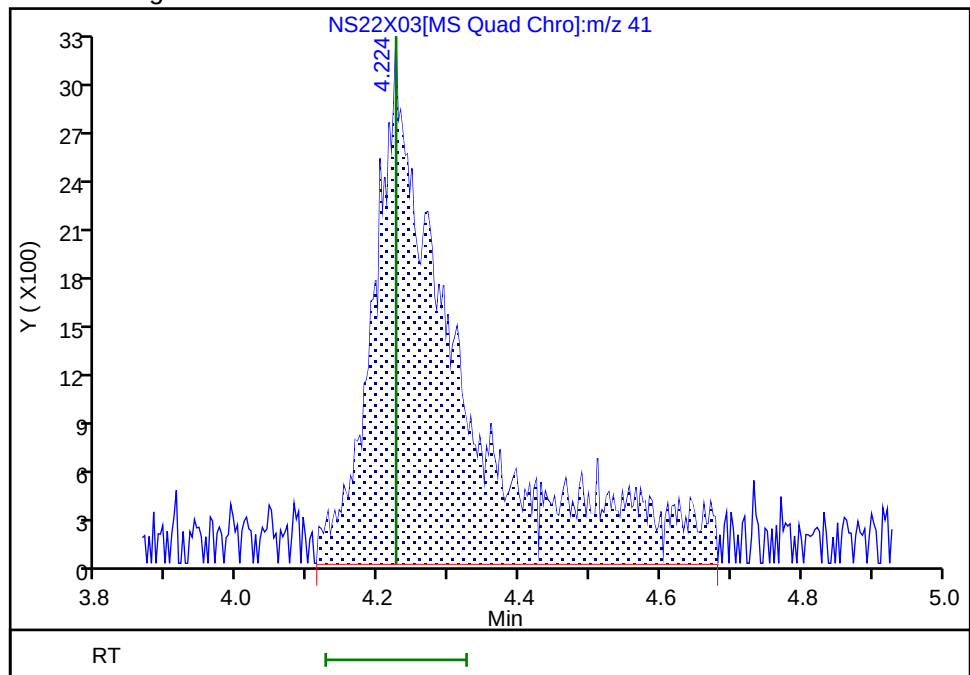
RT: 4.22
Area: 23110
Amount: 22.322834
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 26520
Amount: 24.932322
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:28:35 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
 Lims ID: IC sm v10
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 22-Sep-2025 15:33:20 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-004
 Misc. Info.: IC SM V10
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:16 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 18:27:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.974	1.984	-0.010	88	51206	10.0	9.13	M
3 Chlorodifluoromethane	51	2.032	2.041	-0.009	97	107919	10.0	10.4	M
7 2-Chloro-1,1,1-Trifluoroethane	118	2.431	2.443	-0.012	71	103575	10.0	10.3	M
14 Ethyl ether	59	3.418	3.414	0.004	88	34773	10.0	9.83	
23 Acetonitrile	41	4.231	4.225	0.006	91	56120	50.0	51.2	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.534	4.533	0.001	1	300512	250.0	250.0	
34 Vinyl acetate	43	5.591	5.588	0.003	96	89637	10.0	9.94	
42 Ethyl acetate	43	6.456	6.459	-0.003	99	51059	10.0	9.38	
58 Isopropyl acetate	43	7.681	7.681	0.000	98	98420	10.0	9.29	
* 62 Fluorobenzene (IS)	96	7.993	7.996	-0.003	99	1074939	50.0	50.0	
73 n-Propyl acetate	61	8.964	8.958	0.006	97	22053	10.0	8.93	
125 3,4-Dichloro-1-butene	75	10.659	10.659	0.000	92	54160	10.0	9.38	
127 n-Butyl acetate	43	10.781	10.778	0.003	98	76910	10.0	9.21	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	844832	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	27563	10.0	9.17	
153 2,3,4-Trichlorobutene	109	12.688	12.691	-0.003	0	61309	10.0	9.14	
156 Pentachloroethane	167	12.910	12.906	0.004	88	52172	10.0	12.5	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	509231	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 2.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 2.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 1.00	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 2.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 2.00	Units: uL

Report Date: 23-Sep-2025 09:35:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D

Injection Date: 22-Sep-2025 15:33:20

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v10

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

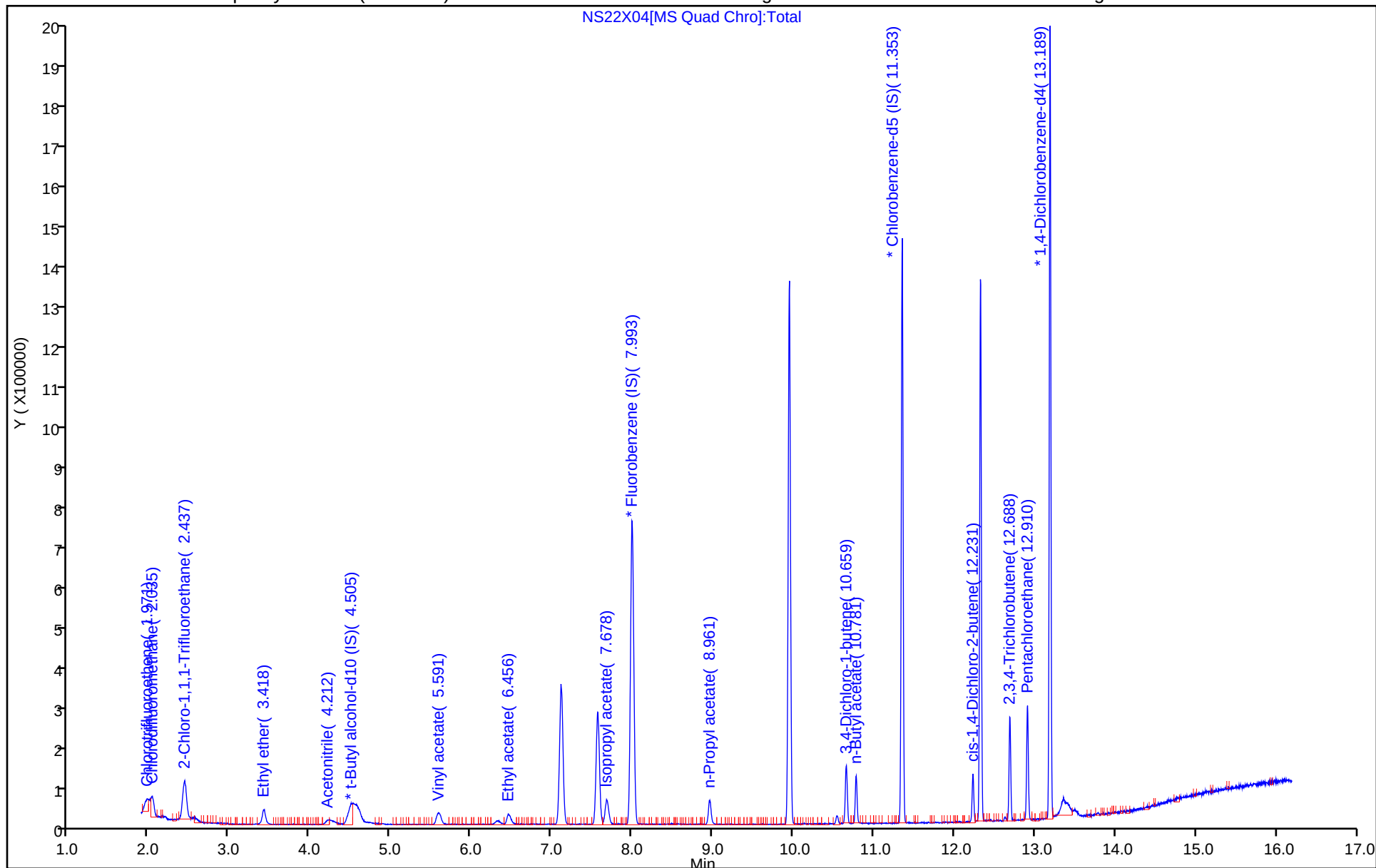
ALS Bottle#: 3

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

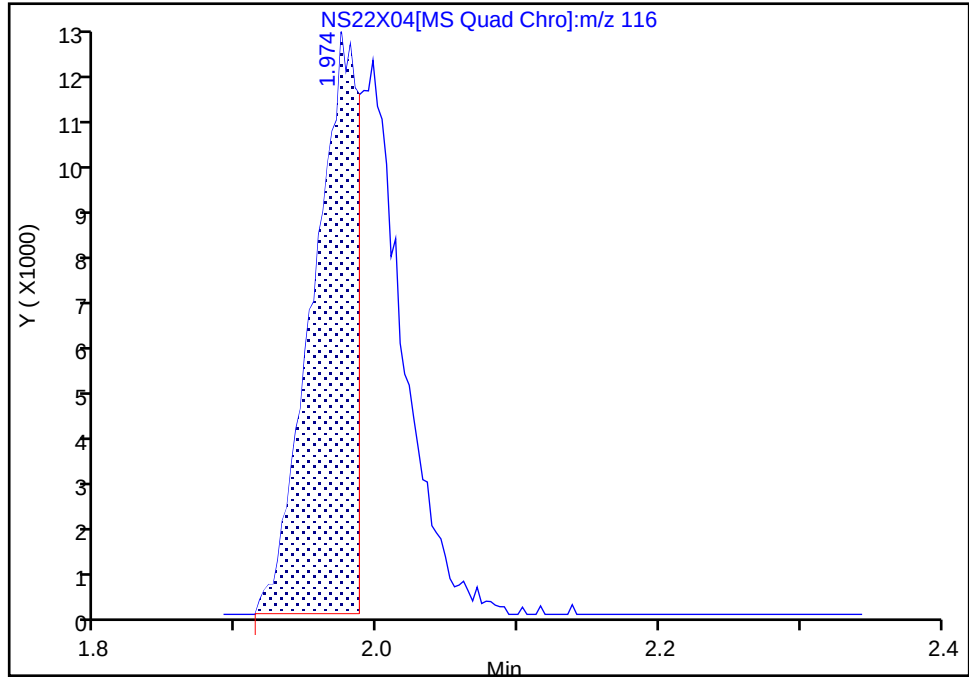
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

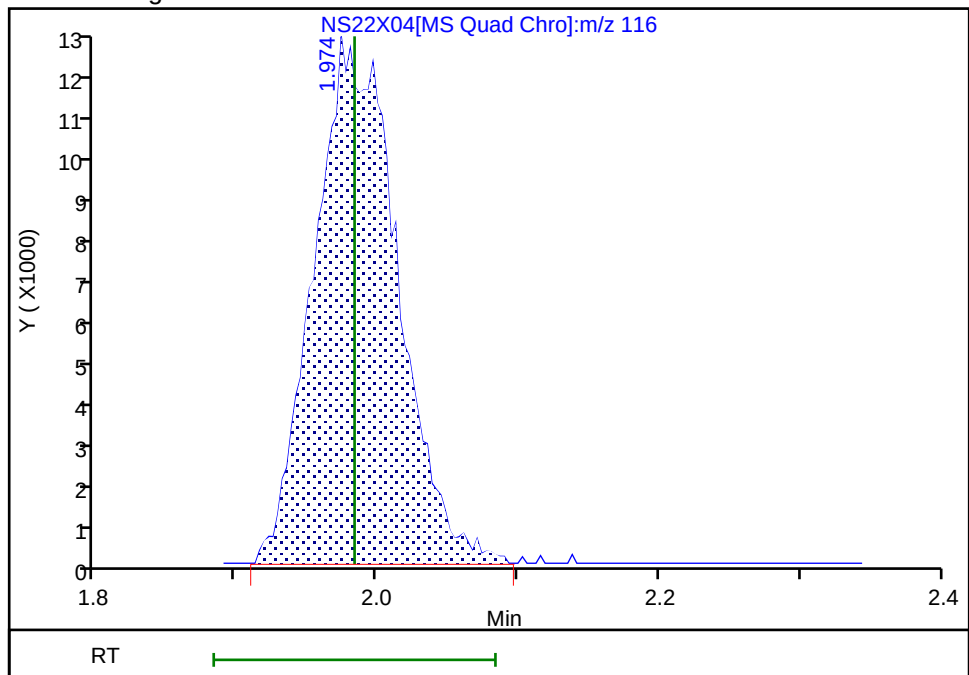
RT: 1.97
Area: 27689
Amount: 7.639361
Amount Units: ug/l

Processing Integration Results



RT: 1.97
Area: 51206
Amount: 9.133645
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

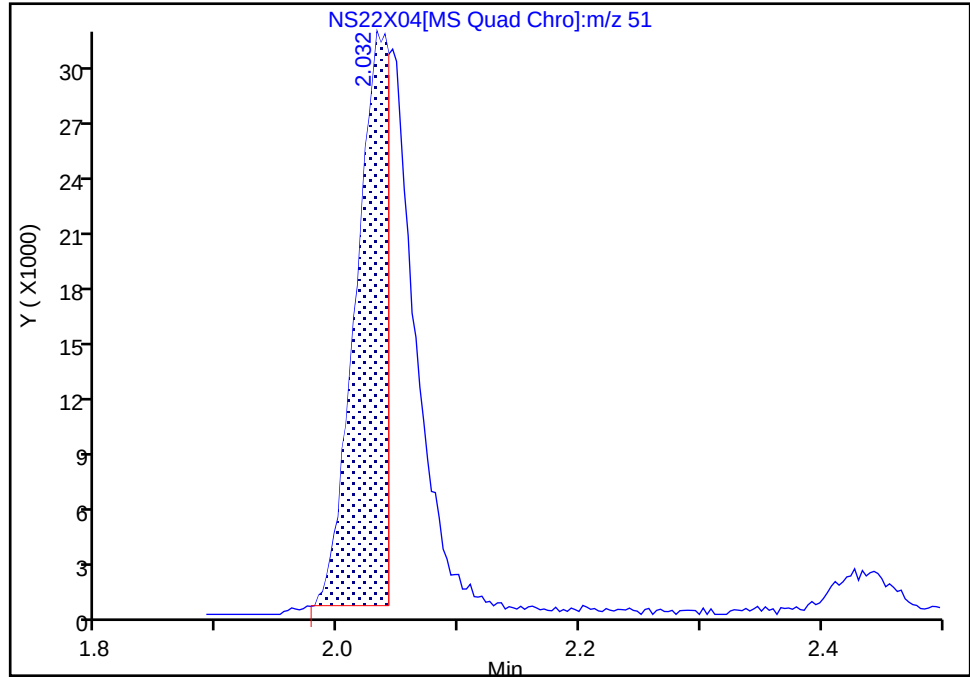
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

3 Chlorodifluoromethane, CAS: 75-45-6

Signal: 1

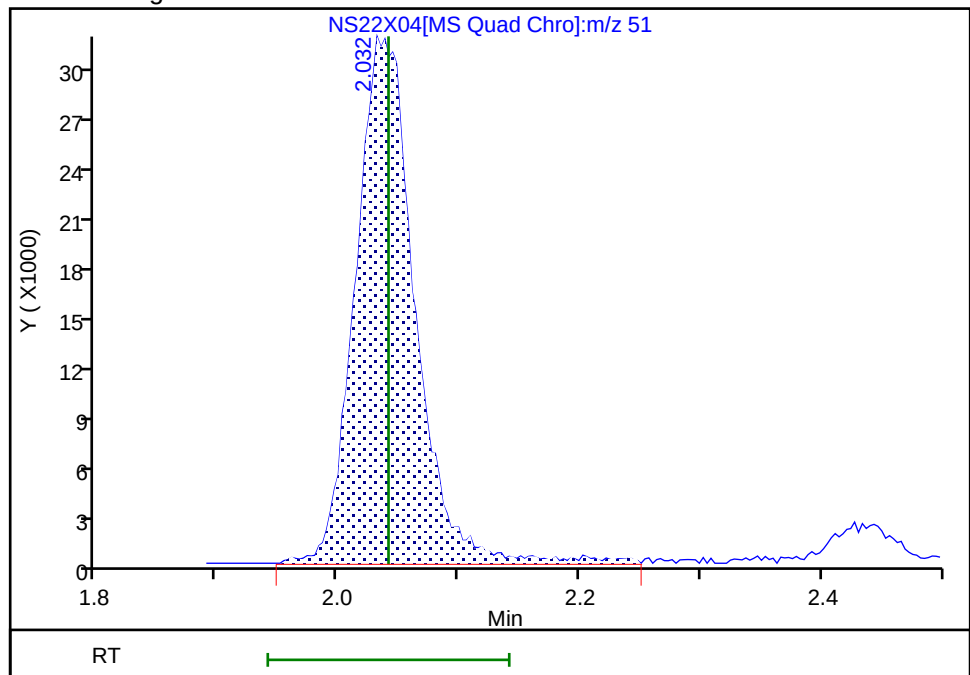
RT: 2.03
Area: 58468
Amount: 6.736359
Amount Units: ug/l

Processing Integration Results



RT: 2.03
Area: 107919
Amount: 10.436829
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

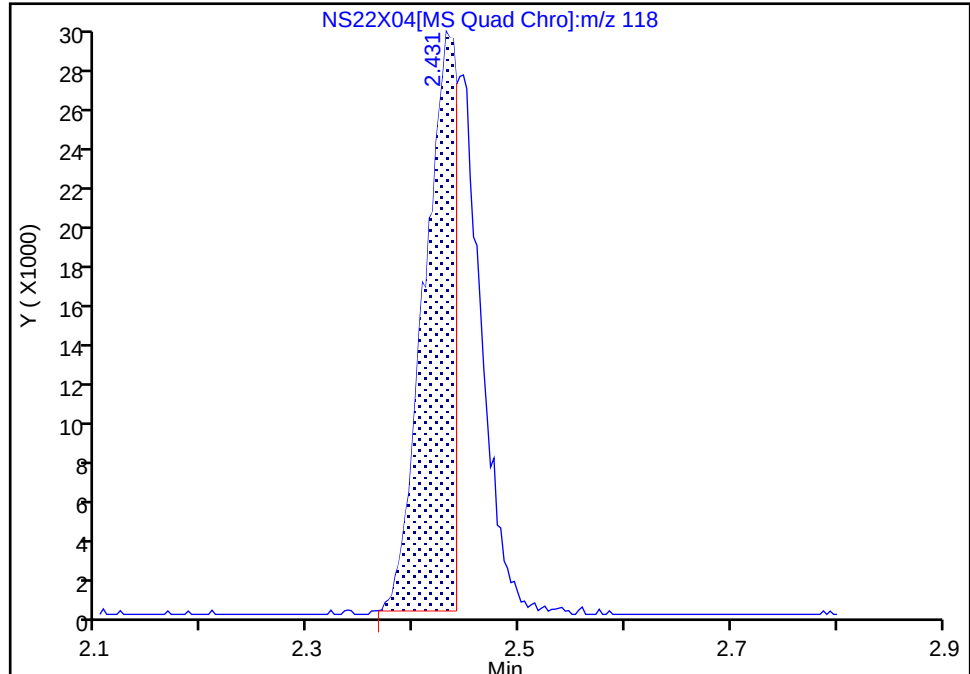
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

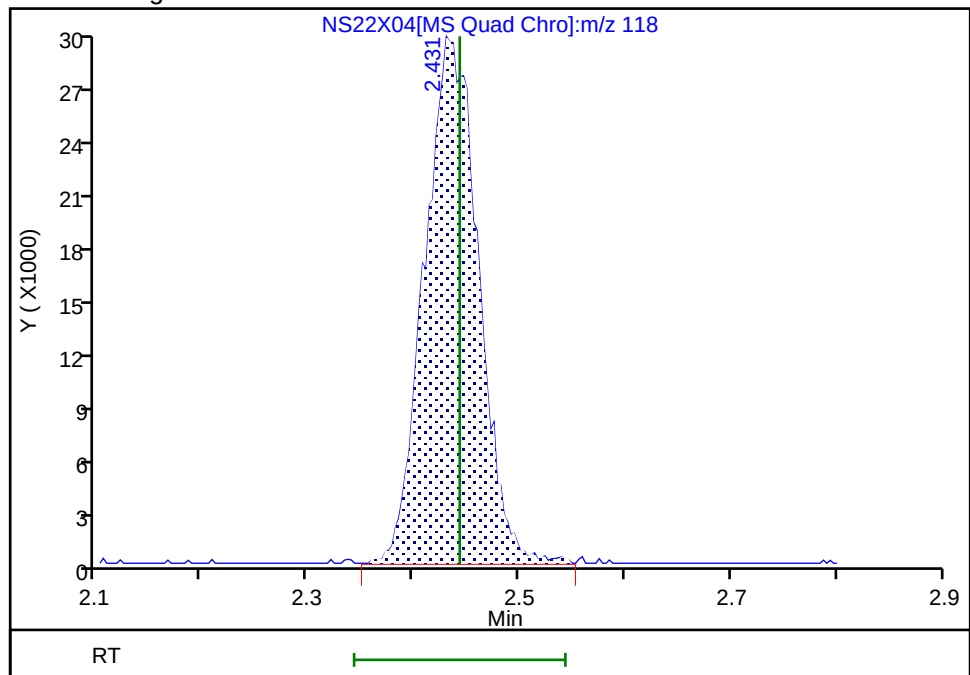
RT: 2.43
Area: 60797
Amount: 9.341301
Amount Units: ug/l

Processing Integration Results



RT: 2.43
Area: 103575
Amount: 10.324942
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

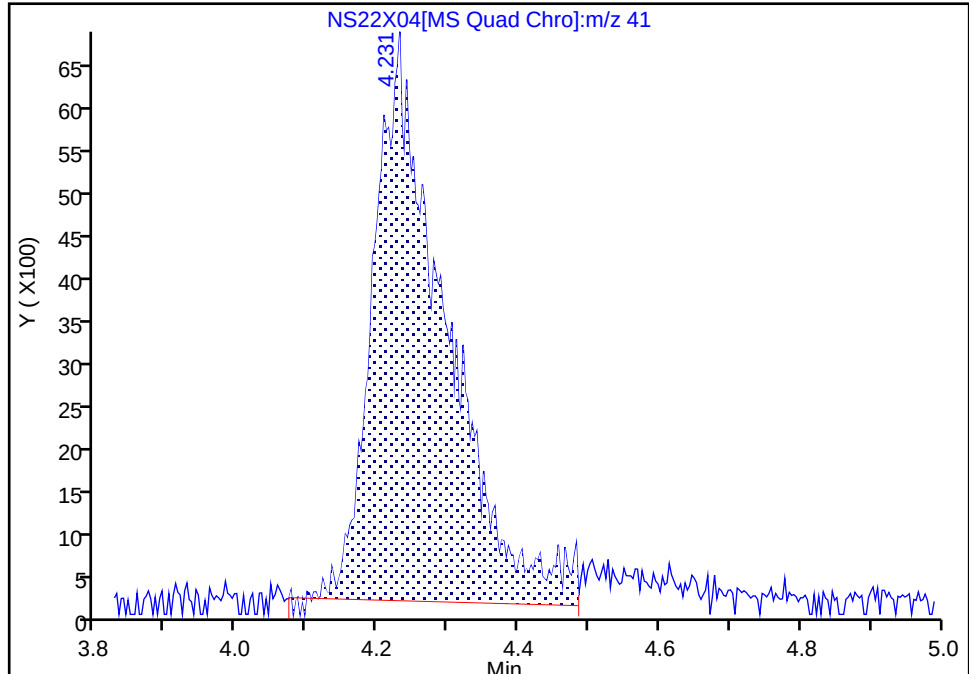
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X04.D
Injection Date: 22-Sep-2025 15:33:20 Instrument ID: 7159
Lims ID: IC sm v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

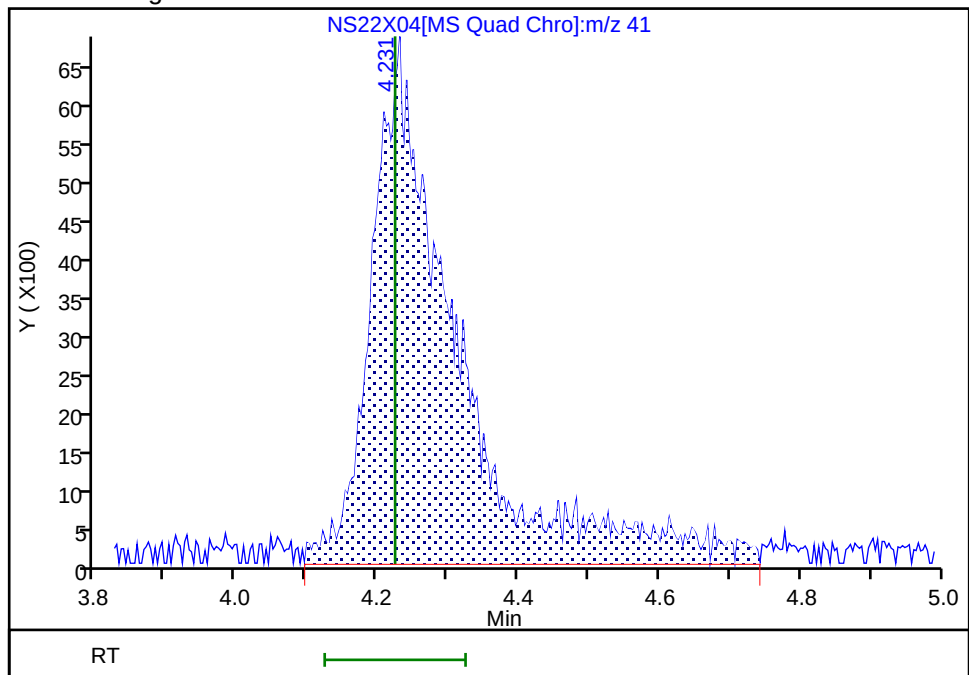
RT: 4.23
Area: 47207
Amount: 45.554974
Amount Units: ug/l

Processing Integration Results



RT: 4.23
Area: 56120
Amount: 51.240187
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:27:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
 Lims ID: IC sm v20
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 22-Sep-2025 15:53:09 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-005
 Misc. Info.: IC SM V20
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:18 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 18:25:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.990	1.984	0.006	90	113092	20.0	20.4	M
3 Chlorodifluoromethane	51	2.042	2.041	0.001	96	205389	20.0	20.2	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.440	2.443	-0.003	34	203070	20.0	20.5	
14 Ethyl ether	59	3.427	3.414	0.013	91	71032	20.0	20.3	
23 Acetonitrile	41	4.228	4.225	0.003	99	106093	100.0	98.7	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.533	4.533	0.000	25	294951	250.0	250.0	M
34 Vinyl acetate	43	5.594	5.588	0.006	97	189257	20.0	21.2	
42 Ethyl acetate	43	6.466	6.459	0.007	99	111854	20.0	20.8	
58 Isopropyl acetate	43	7.684	7.681	0.003	98	217904	20.0	20.8	
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	99	1063434	50.0	50.0	
73 n-Propyl acetate	61	8.958	8.958	0.000	97	50718	20.0	20.8	
125 3,4-Dichloro-1-butene	75	10.662	10.659	0.003	90	110971	20.0	19.2	
127 n-Butyl acetate	43	10.781	10.778	0.003	98	171279	20.0	20.5	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	87	845894	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	58725	20.0	19.5	
153 2,3,4-Trichlorobutene	109	12.688	12.691	-0.003	0	129191	20.0	19.7	
156 Pentachloroethane	167	12.909	12.906	0.003	89	91741	20.0	22.5	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	497559	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 4.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 4.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.00	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 4.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 4.00	Units: uL

Report Date: 23-Sep-2025 09:35:19

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D

Injection Date: 22-Sep-2025 15:53:09

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v20

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

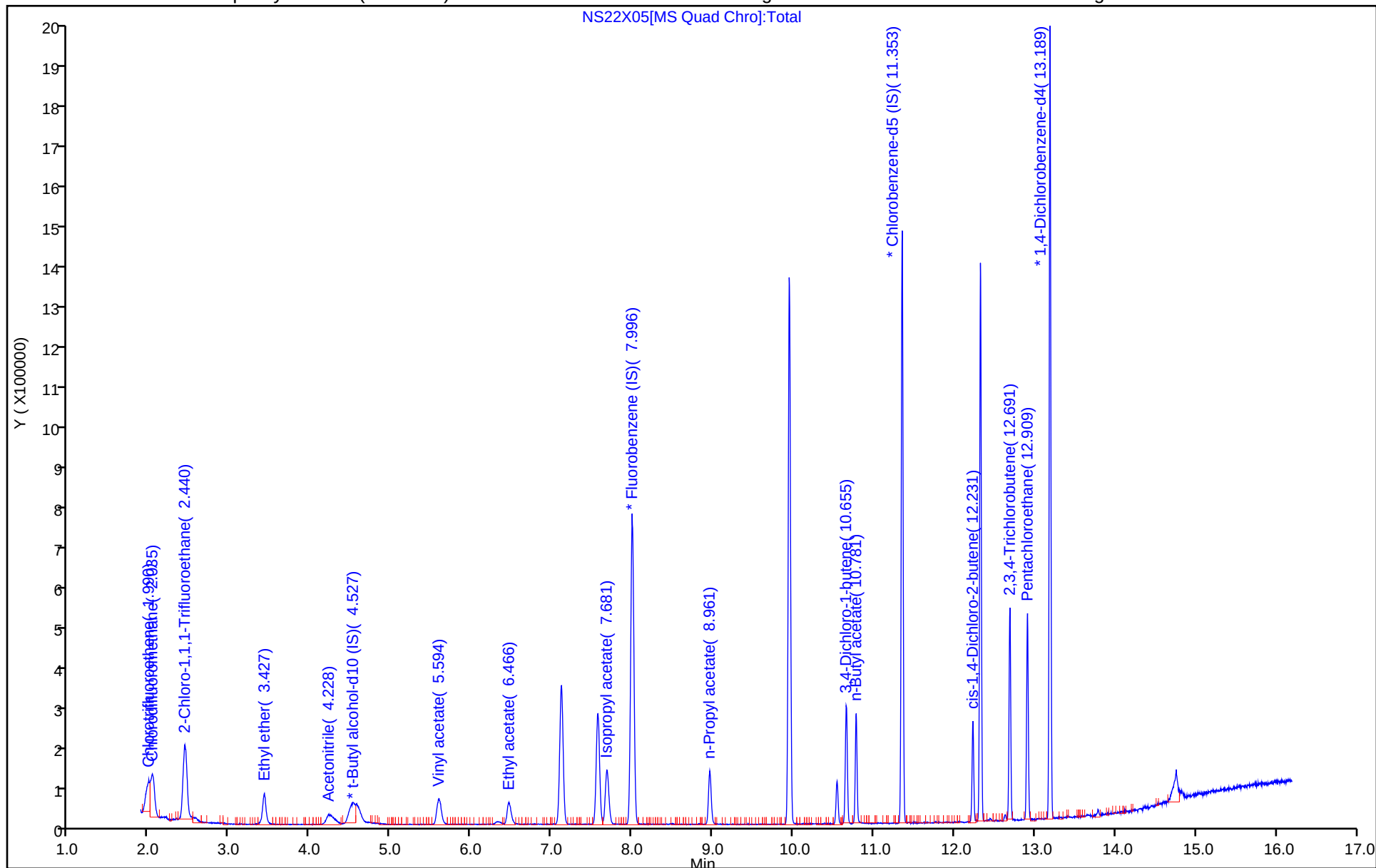
ALS Bottle#: 4

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

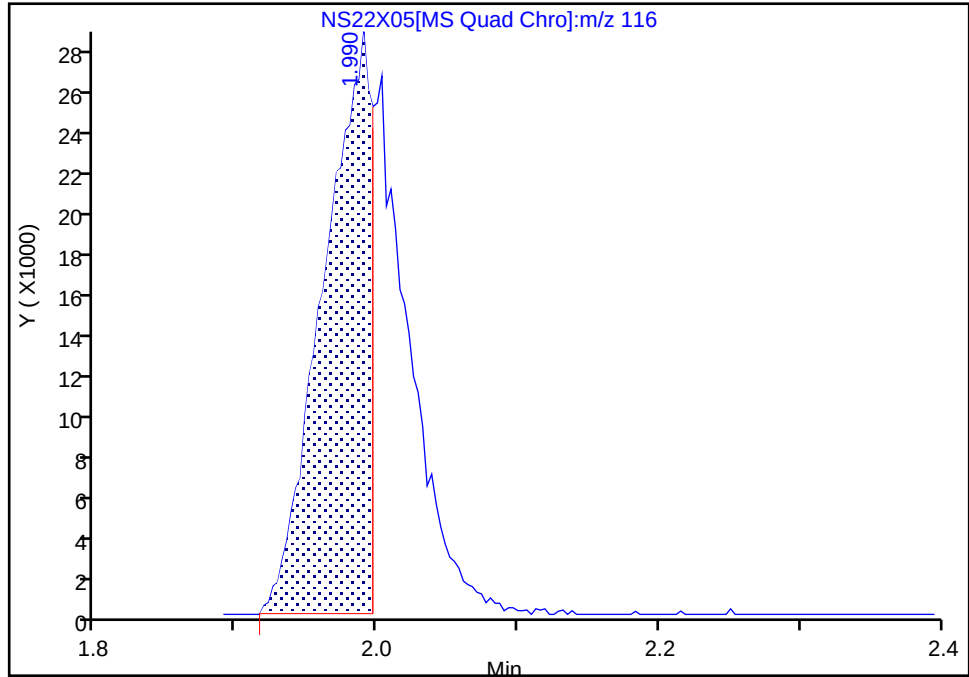
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
Injection Date: 22-Sep-2025 15:53:09 Instrument ID: 7159
Lims ID: IC sm v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

1 Chlorotrifluoroethene, CAS: 79-38-9

Signal: 1

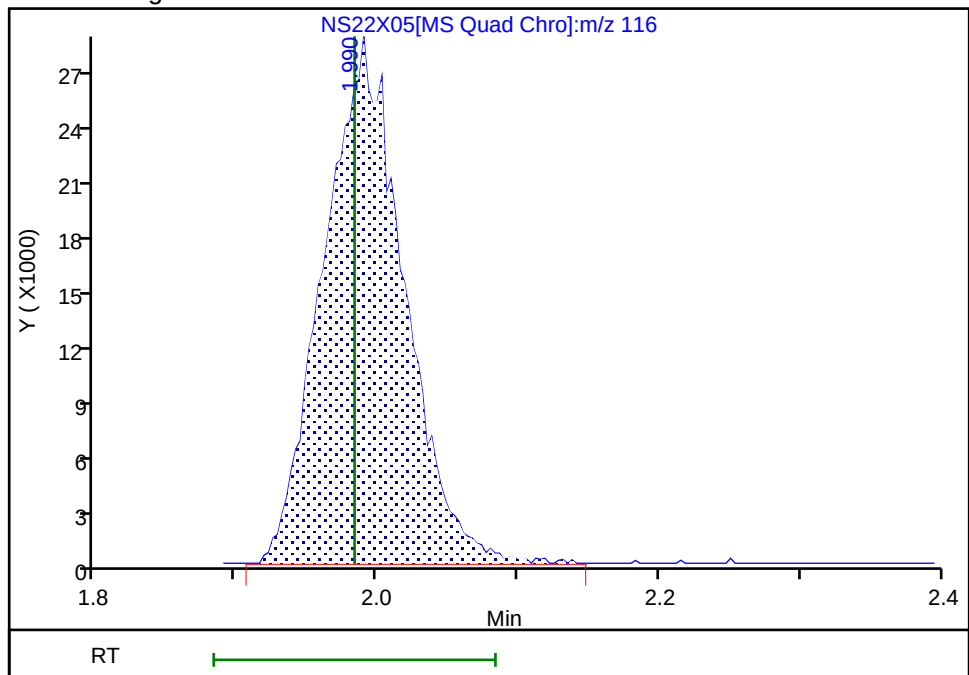
RT: 1.99
Area: 68067
Amount: 15.137271
Amount Units: ug/l

Processing Integration Results



RT: 1.99
Area: 113092
Amount: 20.390527
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:25:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

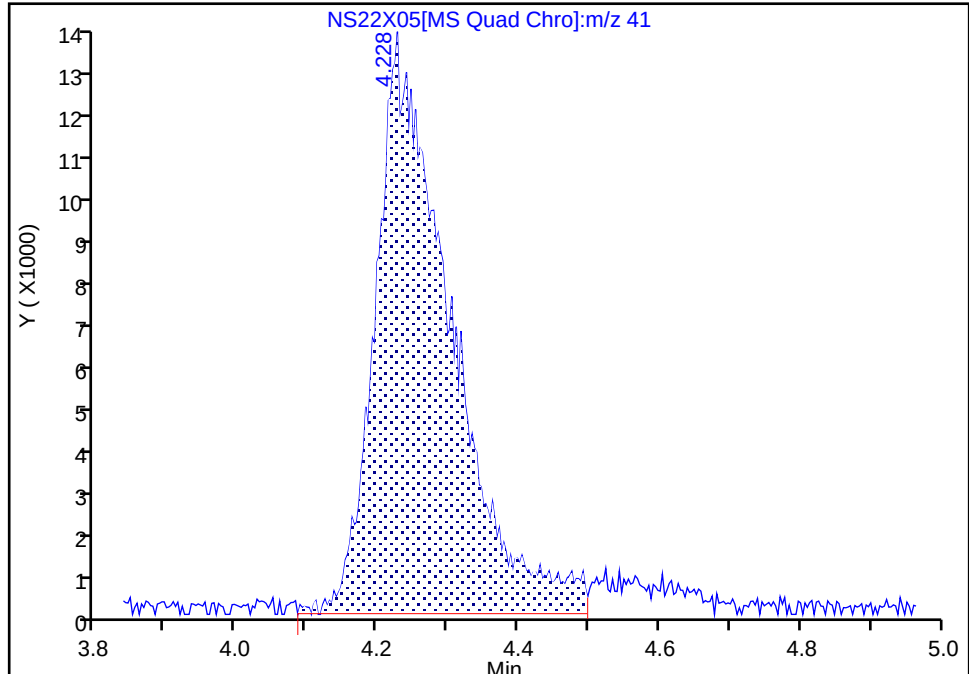
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
Injection Date: 22-Sep-2025 15:53:09 Instrument ID: 7159
Lims ID: IC sm v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

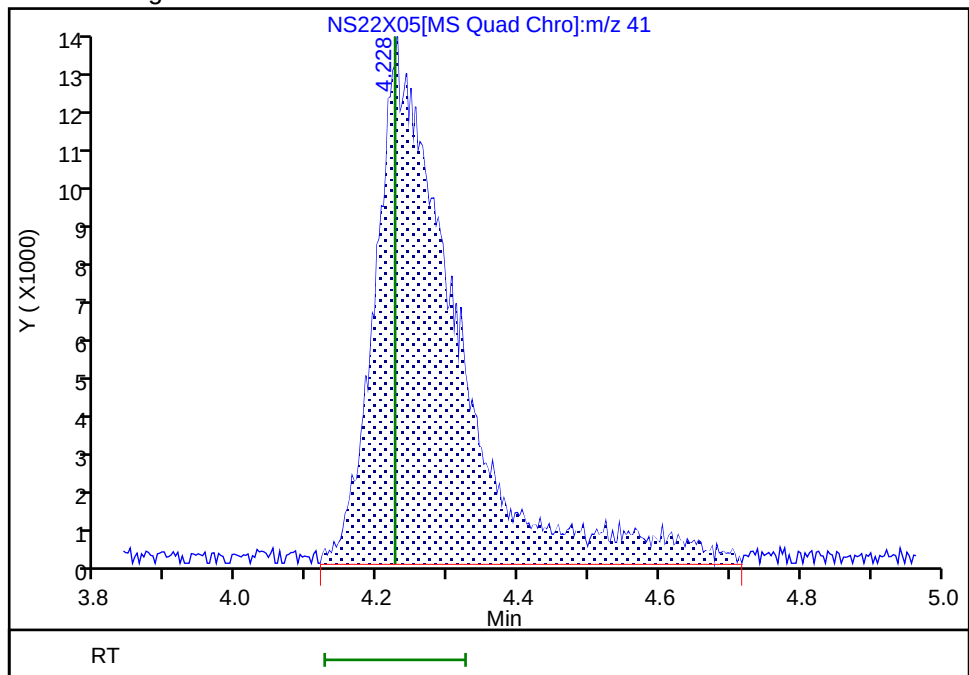
RT: 4.23
Area: 99213
Amount: 98.658381
Amount Units: ug/l

Processing Integration Results



RT: 4.23
Area: 106093
Amount: 98.694220
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:25:52 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

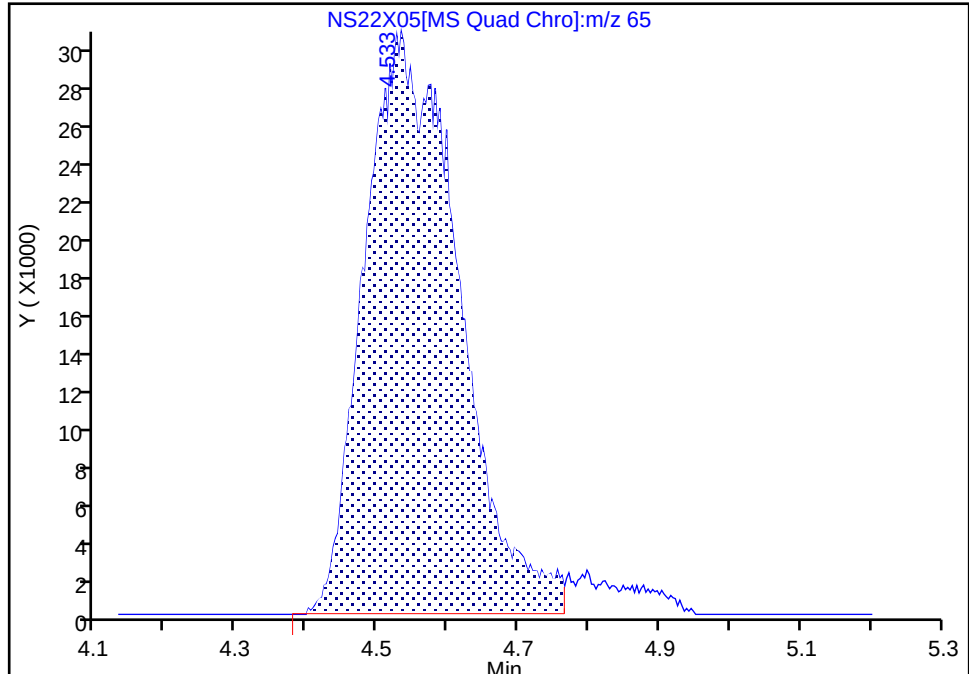
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X05.D
Injection Date: 22-Sep-2025 15:53:09 Instrument ID: 7159
Lims ID: IC sm v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

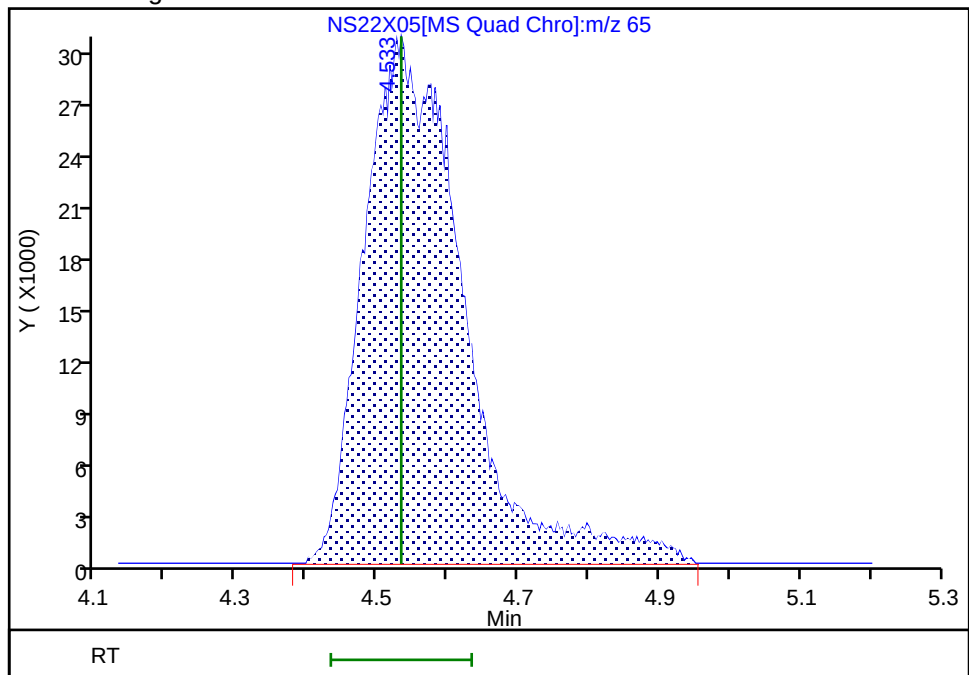
RT: 4.53
Area: 280931
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.53
Area: 294951
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 18:25:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
 Lims ID: IC sm v50
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 22-Sep-2025 16:12:58 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-006
 Misc. Info.: IC SM V50
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:21 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 17:27:11

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.984	1.984	0.000	89	307481	50.0	55.2	
3 Chlorodifluoromethane	51	2.041	2.041	0.000	96	510335	50.0	50.5	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.443	2.443	0.000	34	501965	50.0	50.3	M
14 Ethyl ether	59	3.414	3.414	0.000	89	176677	50.0	50.3	
23 Acetonitrile	41	4.225	4.225	0.000	99	254025	250.0	237.5	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.530	4.530	0.000	1	293441	250.0	250.0	M
34 Vinyl acetate	43	5.588	5.588	0.000	97	408478	50.0	45.6	
42 Ethyl acetate	43	6.459	6.459	0.000	99	274994	50.0	50.8	
58 Isopropyl acetate	43	7.681	7.681	0.000	98	536275	50.0	50.9	
* 62 Fluorobenzene (IS)	96	7.999	7.999	0.000	99	1068508	50.0	50.0	
73 n-Propyl acetate	61	8.958	8.958	0.000	98	125584	50.0	51.2	
125 3,4-Dichloro-1-butene	75	10.659	10.659	0.000	91	297636	50.0	50.6	
127 n-Butyl acetate	43	10.778	10.778	0.000	98	431388	50.0	50.7	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	859903	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	157666	50.0	51.5	
153 2,3,4-Trichlorobutene	109	12.691	12.691	0.000	0	345414	50.0	51.5	
156 Pentachloroethane	167	12.906	12.906	0.000	90	122466	50.0	29.4	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	509034	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 5.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.50	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 5.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL

Report Date: 23-Sep-2025 09:35:22

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D

Injection Date: 22-Sep-2025 16:12:58

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v50

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

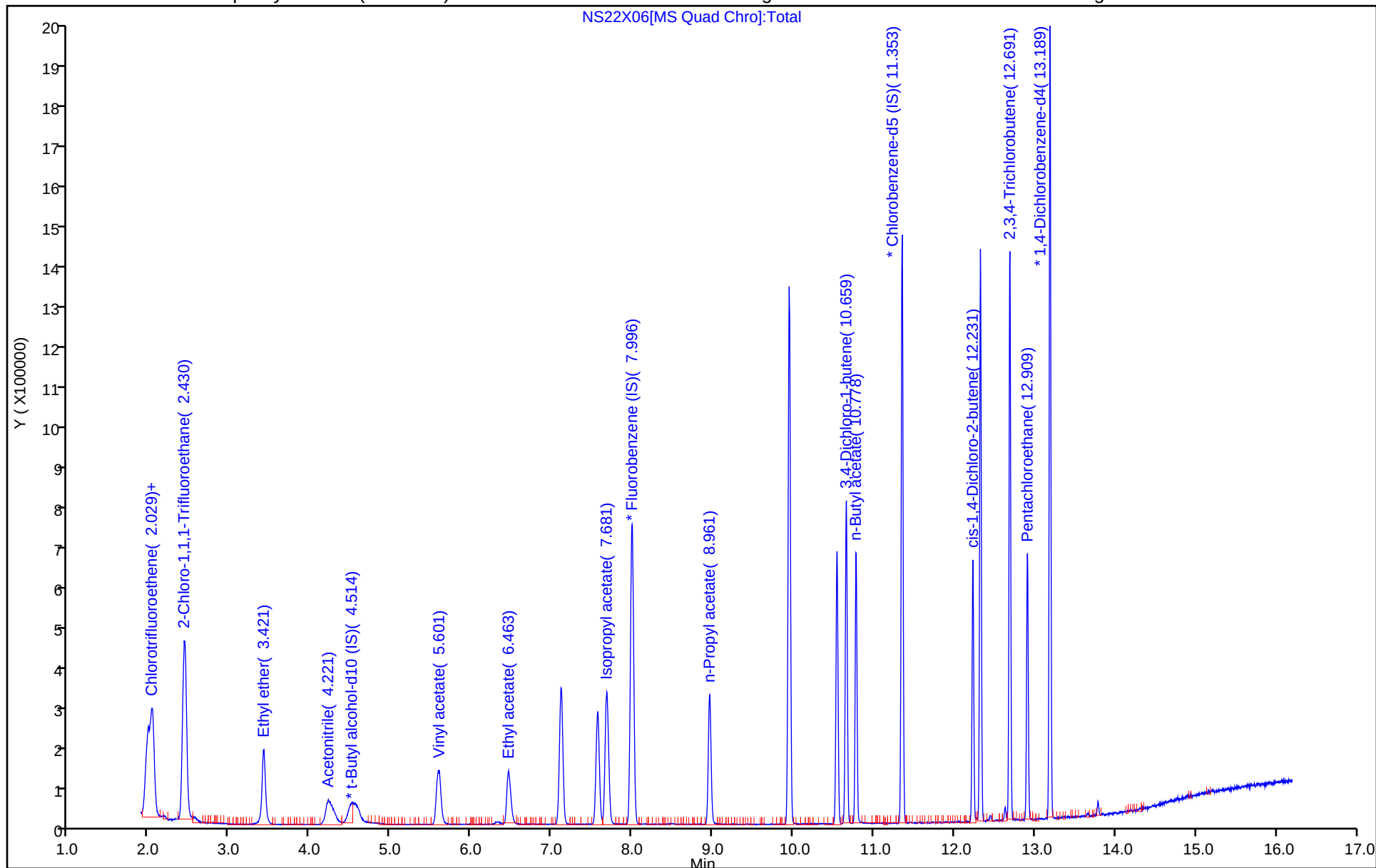
ALS Bottle#: 5

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

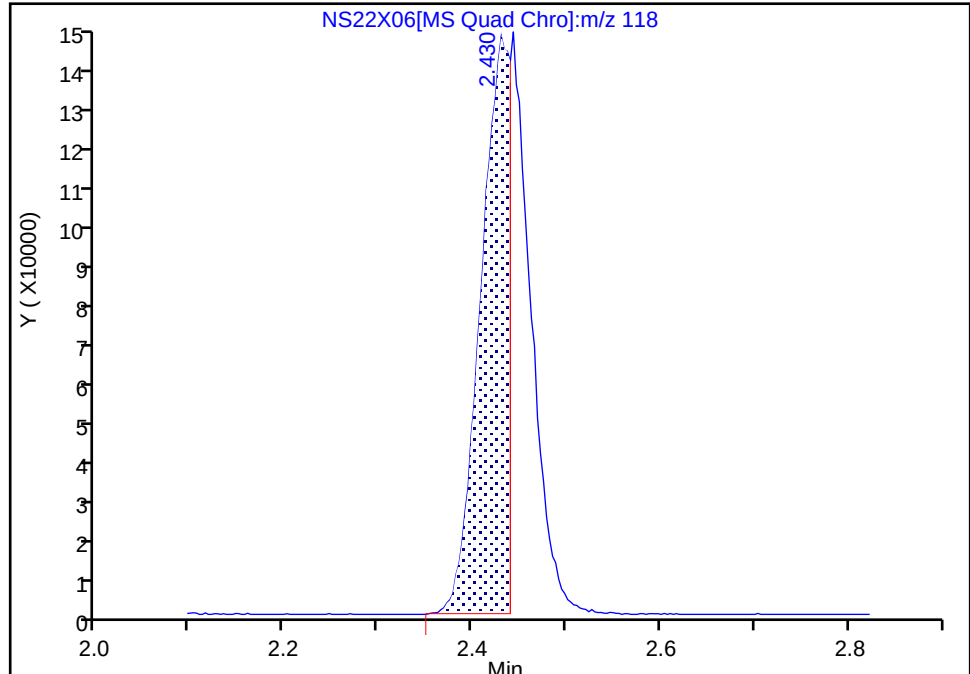
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
Injection Date: 22-Sep-2025 16:12:58 Instrument ID: 7159
Lims ID: IC sm v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

7 2-Chloro-1,1,1-Trifluoroethane, CAS: 75-88-7

Signal: 1

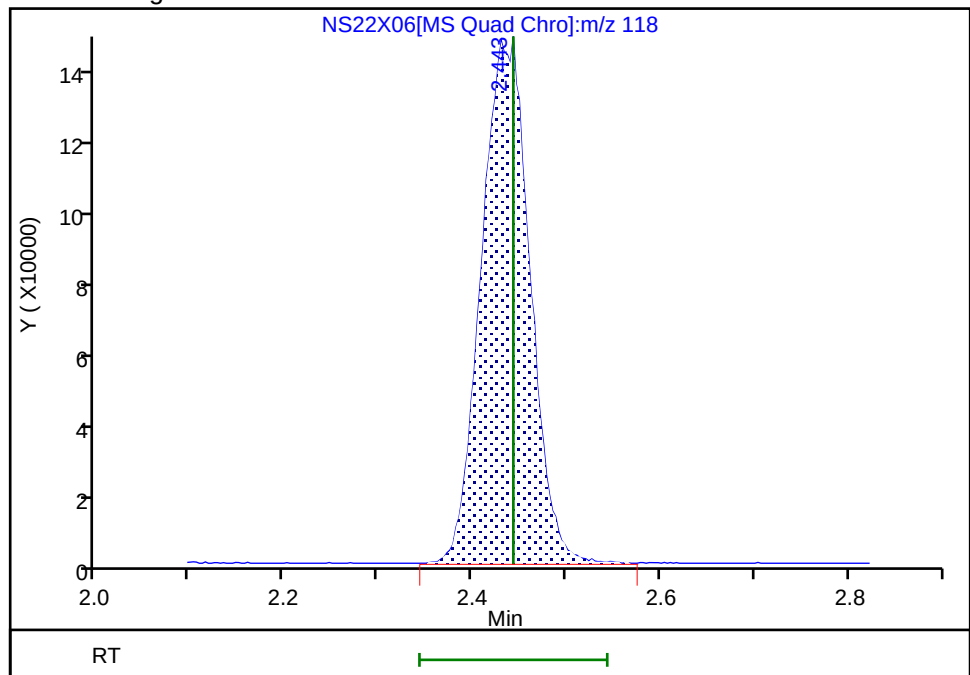
RT: 2.43
Area: 301073
Amount: 41.579654
Amount Units: ug/l

Processing Integration Results



RT: 2.44
Area: 501965
Amount: 50.339877
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:40:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

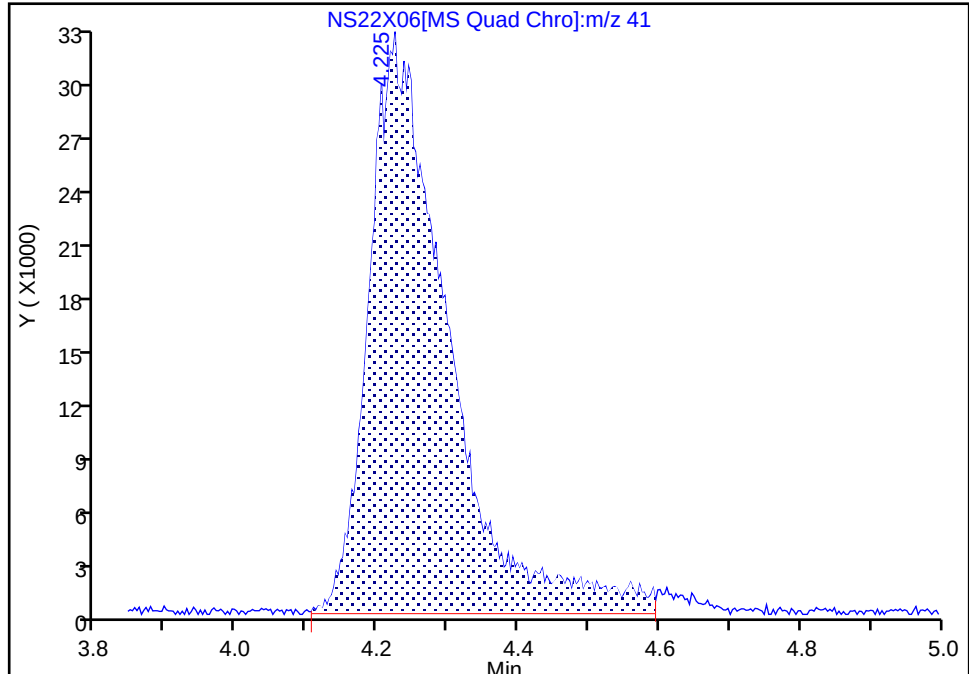
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
Injection Date: 22-Sep-2025 16:12:58 Instrument ID: 7159
Lims ID: IC sm v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Acetonitrile, CAS: 75-05-8

Signal: 1

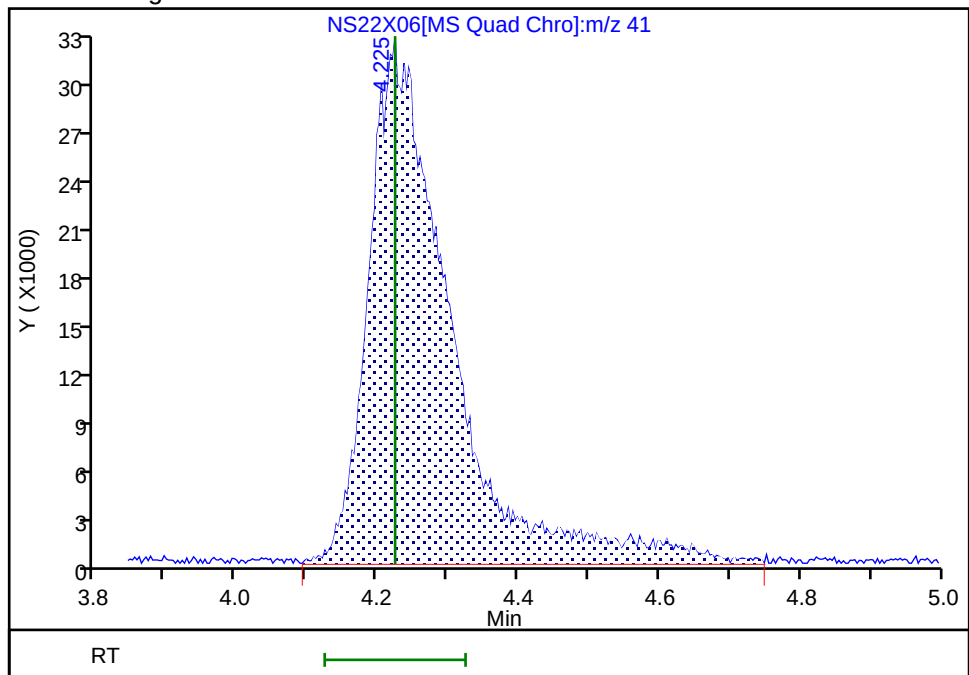
RT: 4.22
Area: 248344
Amount: 247.1341
Amount Units: ug/l

Processing Integration Results



RT: 4.22
Area: 254025
Amount: 237.5257
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:41:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

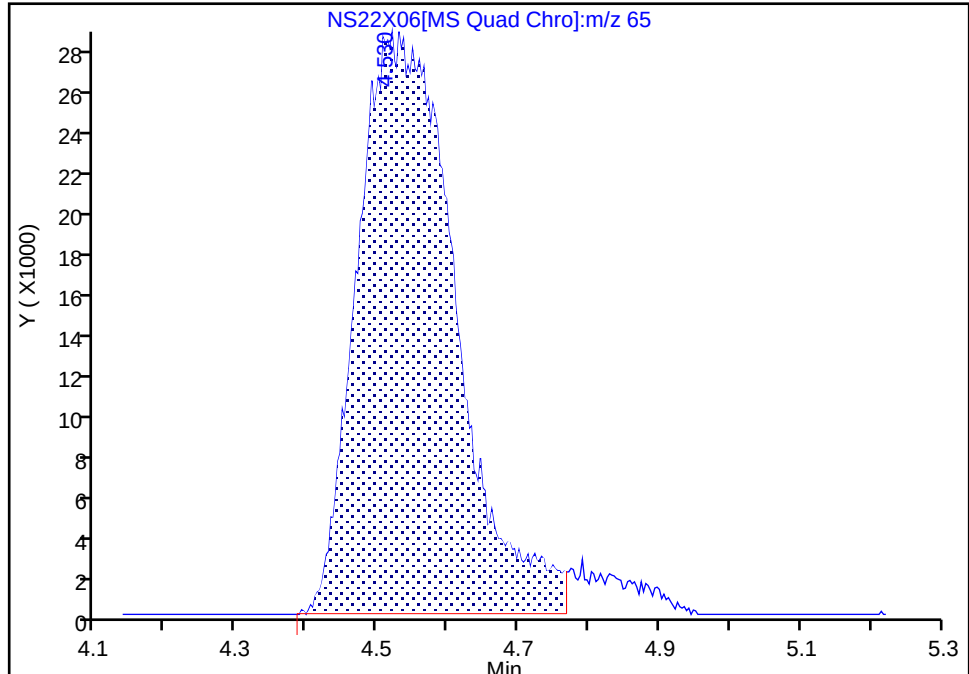
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X06.D
Injection Date: 22-Sep-2025 16:12:58 Instrument ID: 7159
Lims ID: IC sm v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

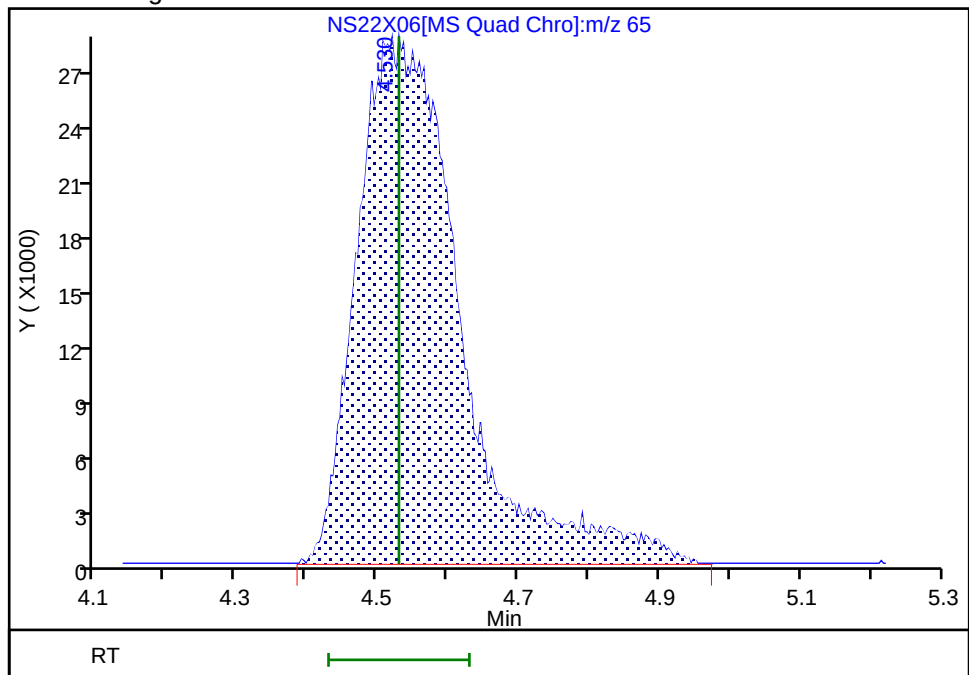
RT: 4.53
Area: 278860
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.53
Area: 293441
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:40:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X07.D
 Lims ID: IC sm v100
 Client ID:
 Sample Type: IC Calib Level: 5
 Inject. Date: 22-Sep-2025 16:32:51 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-007
 Misc. Info.: IC SM V100
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:24 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 16:58:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.990	1.984	0.006	89	680301	100.0	123.1	
3 Chlorodifluoromethane	51	2.041	2.041	0.000	96	1084450	100.0	106.1	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.440	2.443	-0.003	37	1058550	100.0	107.1	
14 Ethyl ether	59	3.427	3.414	0.013	89	343977	100.0	98.7	
23 Acetonitrile	41	4.228	4.225	0.003	99	487783	500.0	450.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.530	4.530	0.000	1	297092	250.0	250.0	
34 Vinyl acetate	43	5.598	5.588	0.010	97	898865	100.0	101.2	
42 Ethyl acetate	43	6.459	6.459	0.000	98	532051	100.0	99.2	
58 Isopropyl acetate	43	7.681	7.681	0.000	98	1046620	100.0	100.3	
* 62 Fluorobenzene (IS)	96	7.996	7.999	-0.003	100	1059289	50.0	50.0	
73 n-Propyl acetate	61	8.958	8.958	0.000	97	246494	100.0	101.3	
125 3,4-Dichloro-1-butene	75	10.655	10.659	-0.004	91	586493	100.0	102.6	
127 n-Butyl acetate	43	10.777	10.778	-0.001	97	848959	100.0	102.7	
* 131 Chlorobenzene-d5 (IS)	117	11.350	11.353	-0.003	83	836323	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	316193	100.0	106.3	
153 2,3,4-Trichlorobutene	109	12.691	12.691	0.000	0	693462	100.0	104.8	
156 Pentachloroethane	167	12.906	12.906	0.000	90	414276	100.0	100.9	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	501895	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 5.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 5.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 2.50	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 5.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL

Report Date: 23-Sep-2025 09:35:24

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X07.D

Injection Date: 22-Sep-2025 16:32:51

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v100

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

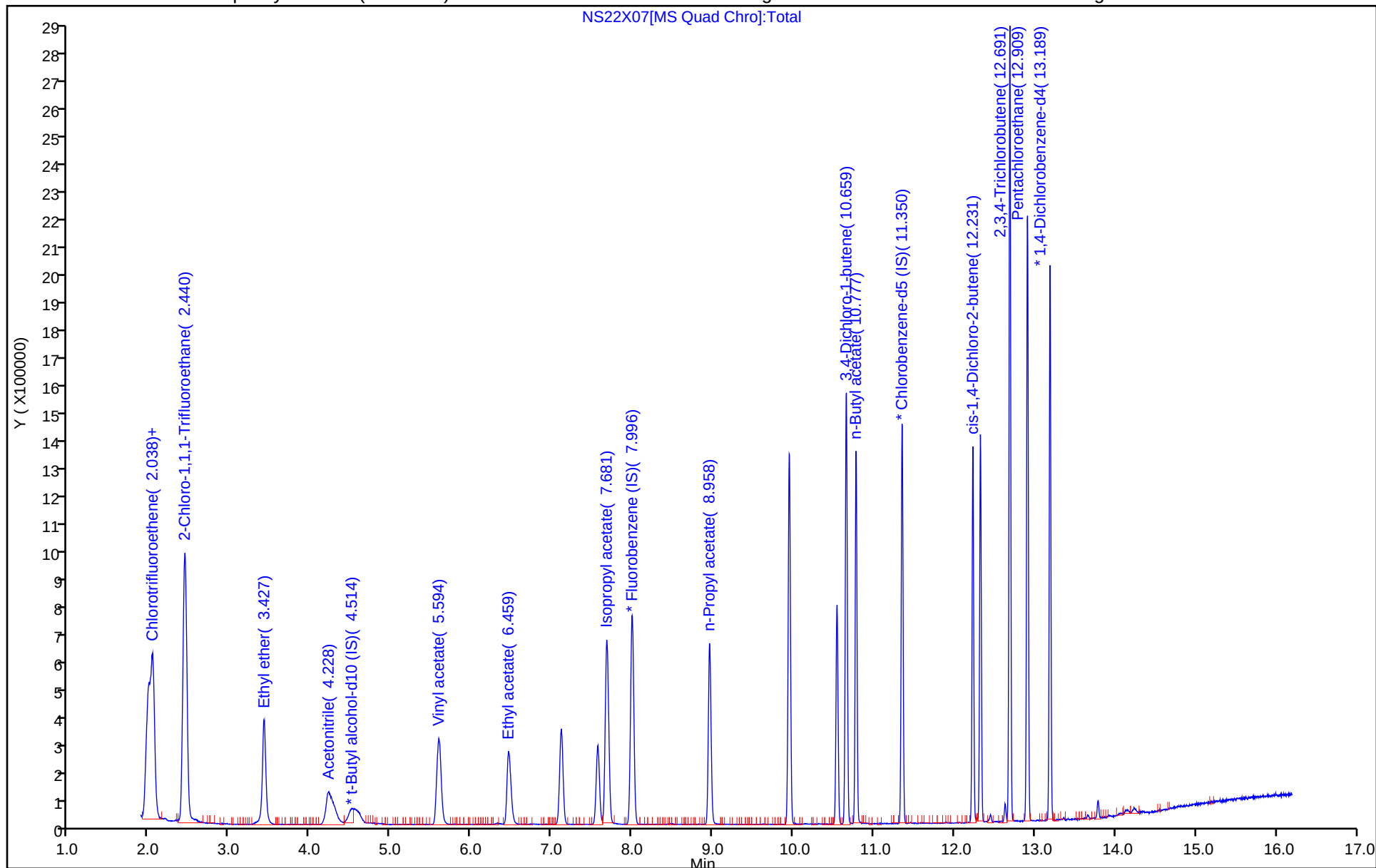
ALS Bottle#: 6

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X08.D
 Lims ID: IC sm v300
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 22-Sep-2025 16:52:33 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-008
 Misc. Info.: IC SM V300
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub36
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:26 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 17:37:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116	1.993	1.984	0.009	89	1585444	300.0	308.8	
3 Chlorodifluoromethane	51	2.045	2.041	0.004	96	2877561	300.0	299.2	
7 2-Chloro-1,1,1-Trifluoroethane	118	2.440	2.443	-0.003	96	2743478	300.0	298.7	
14 Ethyl ether	59	3.427	3.414	0.013	88	994011	300.1	306.9	
23 Acetonitrile	41	4.235	4.225	0.009	99	1360930	1500.0	1335.8	
* 27 t-Butyl alcohol-d10 (IS)	65	4.527	4.530	-0.003	26	279540	250.0	250.0	M
34 Vinyl acetate	43	5.601	5.588	0.013	97	2504495	300.0	303.4	
42 Ethyl acetate	43	6.466	6.459	0.007	99	1519226	300.0	304.8	
58 Isopropyl acetate	43	7.685	7.681	0.004	98	3036660	300.0	313.1	
* 62 Fluorobenzene (IS)	96	8.000	7.999	0.001	99	984317	50.0	50.0	
73 n-Propyl acetate	61	8.961	8.958	0.003	97	706340	300.0	312.5	
125 3,4-Dichloro-1-butene	75	10.662	10.659	0.003	91	1829648	300.1	337.6	
127 n-Butyl acetate	43	10.781	10.778	0.003	98	2474089	300.0	315.5	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	793107	50.0	50.0	
142 cis-1,4-Dichloro-2-butene	88	12.231	12.231	0.000	0	954983	300.0	338.4	
153 2,3,4-Trichlorobutene	109	12.691	12.691	0.000	0	2121522	300.1	333.8	
156 Pentachloroethane	167	12.910	12.906	0.004	91	1117802	300.0	283.4	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	482240	50.0	50.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_V5ACE_00054	Amount Added: 15.00	Units: uL
MSV_CCV_LKB_00014	Amount Added: 15.00	Units: uL
MSV_V_SMFreon_00052	Amount Added: 7.50	Units: uL
MSV_Cent_ISO_00012	Amount Added: 5.00	Units: uL
MSV_CCV_Penta_00072	Amount Added: 15.00	Units: uL
MSV_CCV_EE_00009	Amount Added: 15.00	Units: uL

Report Date: 23-Sep-2025 09:35:27

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X08.D

Injection Date: 22-Sep-2025 16:52:33

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC sm v300

Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

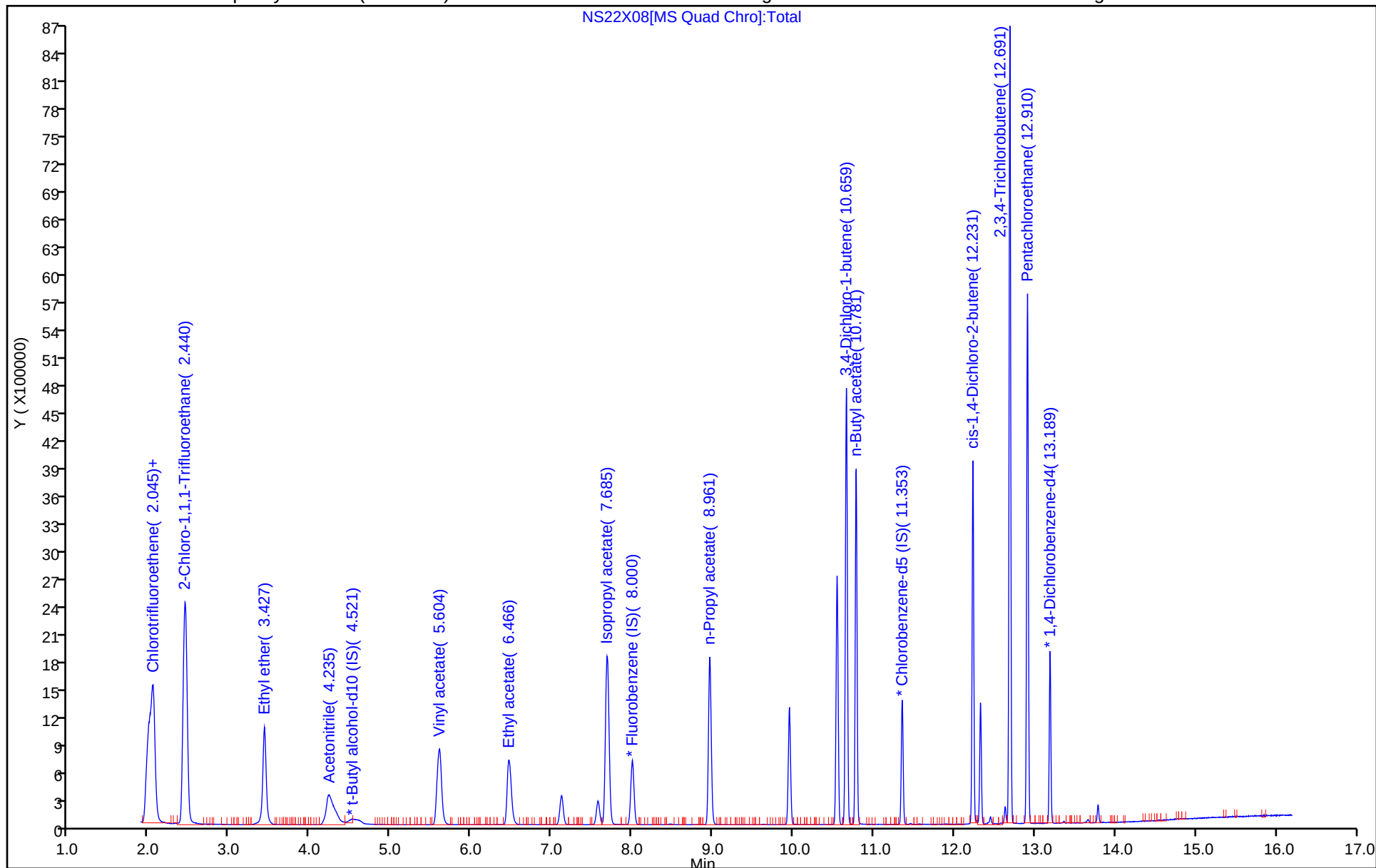
ALS Bottle#: 7

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

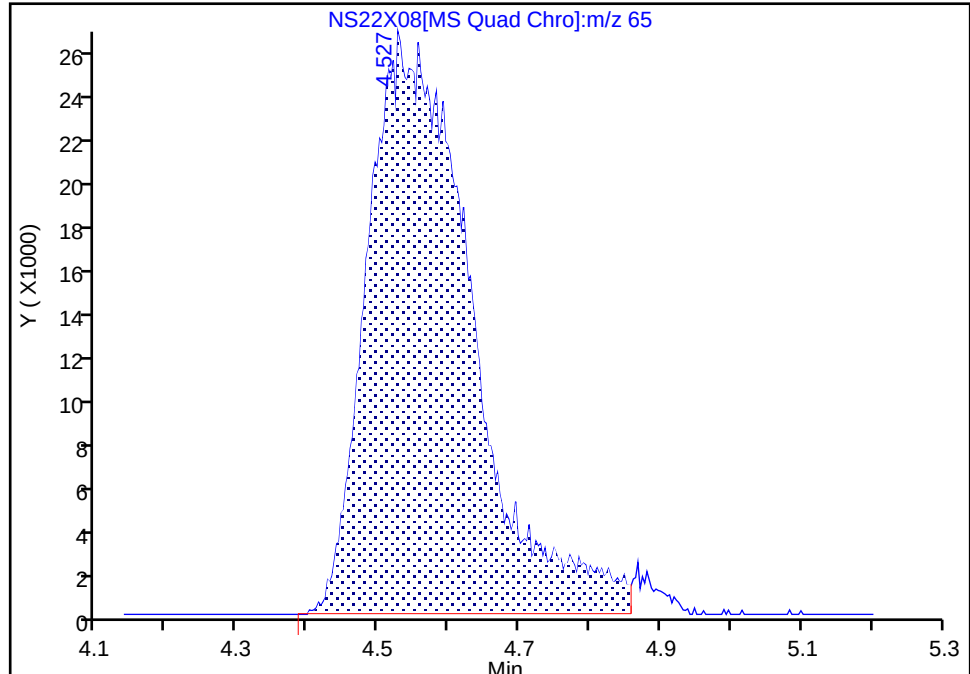
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X08.D
Injection Date: 22-Sep-2025 16:52:33 Instrument ID: 7159
Lims ID: IC sm v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

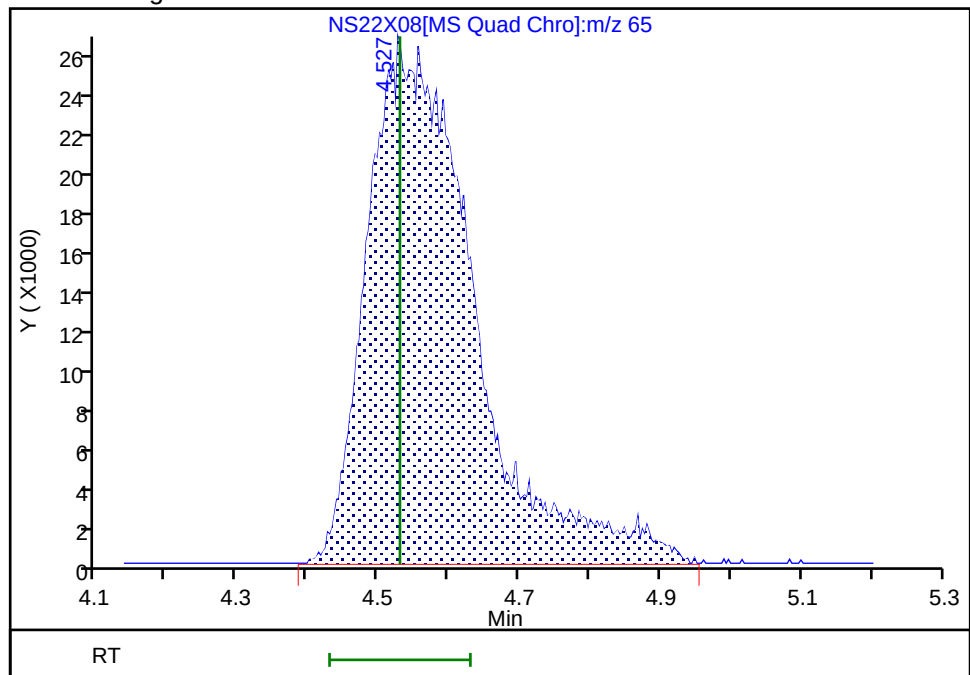
RT: 4.53
Area: 274384
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.53
Area: 279540
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 22-Sep-2025 17:37:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/12	NS22X22.D
Level 2	IC 410-702728/13	NS22X23.D
Level 3	IC 410-702728/14	NS22X14.D
Level 4	IC 410-702728/15	NS22X15.D
Level 5	ICIS 410-702728/16	NS22X16.D
Level 6	IC 410-702728/17	NS22X17.D
Level 7	IC 410-702728/18	NS22X18.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.6397 0.9080	0.7304 0.8809	0.7998	0.8672	0.9708	Ave		0.828 1			0.1000	13.7		20.0			
Chloromethane	0.6207 0.5866	0.5918 0.5585	0.5950	0.5905	0.6149	Ave		0.594 0			0.1000	3.4		20.0			
1,3-Butadiene	0.3409 0.3973	0.3833 0.3829	0.3633	0.3968	0.4206	Ave		0.383 6				6.7		20.0			
Vinyl chloride	0.5475 0.6118	0.5862 0.5884	0.5940	0.6122	0.6603	Ave		0.600 1			0.1000	5.7		20.0			
Bromomethane	0.4517 0.4561	0.4749 0.4399	0.4854	0.4695	0.4876	Ave		0.466 4			0.1000	3.8		20.0			
Chloroethane	0.2832 0.2707	0.2769 0.2633	0.2735	0.2741	0.2889	Ave		0.275 8			0.1000	3.0		20.0			
Dichlorofluoromethane	0.7484 0.7804	0.8026 0.7558	0.7985	0.7904	0.8287	Ave		0.786 4			0.1000	3.5		20.0			
Trichlorofluoromethane	0.6296 0.8733	0.7392 0.8502	0.7776	0.8362	0.9127	Ave		0.802 7			0.1000	11.9		20.0			
n-Pentane	0.3745 0.3768	0.4277 0.3723	0.3037	0.3765	0.3702	Ave		0.371 7				9.7		20.0			
Ethanol	0.0610 0.0631	0.0728 0.0678	0.0729	0.0691	0.0762	Ave		0.069 0				8.0		20.0			
Freon 123a	0.3204 0.3697	0.3528 0.3616	0.3530	0.3594	0.3932	Ave		0.358 6				6.1		20.0			
Acrolein	++++ 1.1611	1.1254 1.0768	1.1833	1.1459	1.1402	Ave		1.138 8				3.2		20.0			
1,1-Dichloroethene	0.2964 0.2687	0.2978 0.2663	0.2599	0.2730	0.2703	Ave		0.276 1			0.1000	5.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Freon 113	0.3745 0.4112	0.4411 0.3903	0.3556	0.4116	0.4113	Ave		0.399 4			0.1000	7.1		20.0			
Acetone	++++ 0.5915	0.5768 0.5268	0.6035	0.5821	0.5744	Ave		0.575 8			0.1000	4.6		20.0			
Methyl iodide	0.6275 0.6521	0.7176 0.6399	0.6583	0.6747	0.6458	Ave		0.659 4				4.5		20.0			
2-Propanol	0.8954 0.5868	0.8067 0.6296	0.7482	0.7270	0.6644	Ave		0.722 6				14.7		20.0			
Carbon disulfide	0.9026 0.9153	1.0067 0.9076	0.8941	0.9335	0.8982	Ave		0.922 6			0.1000	4.3		20.0			
Methyl acetate	0.2589 0.1965	0.2322 0.1897	0.1860	0.1995	0.1939	Ave		0.208 1			0.1000	13.0		20.0			
Allyl chloride	0.3027 0.3188	0.3691 0.3087	0.3206	0.3279	0.3073	Ave		0.322 2				7.0		20.0			
Methylene Chloride	0.3013 0.2946	0.3203 0.2892	0.3036	0.3082	0.2953	Ave		0.301 8			0.1000	3.4		20.0			
t-Butyl alcohol	1.0360 1.0409	1.0138 1.0460	1.0889	1.0673	1.0997	Ave		1.056 1				2.9		20.0			
Acrylonitrile	0.1207 0.1138	0.1180 0.1100	0.1212	0.1174	0.1133	Ave		0.116 3				3.5		20.0			
Methyl tert-butyl ether	0.9608 0.9294	0.9563 0.9167	0.9476	0.9488	0.9447	Ave		0.943 5			0.1000	1.6		20.0			
trans-1,2-Dichloroethene	0.3261 0.3010	0.3446 0.2821	0.2986	0.3045	0.2986	Ave		0.307 9			0.1000	6.7		20.0			
n-Hexane	0.3362 0.3710	0.3929 0.3482	0.2602	0.3582	0.3664	Ave		0.347 6				12.2		20.0			
1,1-Dichloroethane	0.4612 0.4513	0.4977 0.4332	0.4822	0.4717	0.4592	Ave		0.465 2			0.2000	4.5		20.0			
Isopropyl ether	0.7534 0.7536	0.7562 0.7389	0.7532	0.7535	0.7491	Ave		0.751 1				0.8		20.0			
2-Chloro-1,3-butadiene	0.3646 0.3974	0.4147 0.3828	0.3755	0.3959	0.3948	Ave		0.389 4				4.2		20.0			
Ethyl t-butyl ether	0.7906 0.8644	0.8316 0.8675	0.8175	0.8394	0.8383	Ave		0.835 6				3.2		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	+++++ 0.1421	0.1525 0.1509	0.1514	0.1464	0.1523	Ave		0.149 3			0.1000	2.8		20.0			
cis-1,2-Dichloroethene	0.3738 0.3388	0.3862 0.3238	0.3558	0.3519	0.3441	Ave		0.353 5			0.1000	6.0		20.0			
2,2-Dichloropropane	0.5179 0.5146	0.5618 0.5047	0.5122	0.5272	0.5169	Ave		0.522 2				3.6		20.0			
Propionitrile	0.9330 0.9235	0.8979 0.8849	0.9315	0.9265	0.8893	Ave		0.912 4				2.3		20.0			
Methyl acrylate	0.3153 0.3075	0.3075 0.3162	0.3008	0.3111	0.3132	Ave		0.310 2				1.7		20.0			
Methacrylonitrile	0.1324 0.1290	0.1254 0.1259	0.1236	0.1248	0.1266	Ave		0.126 8				2.4		20.0			
Bromochloromethane	0.1884 0.1881	0.2013 0.1799	0.2008	0.1973	0.1935	Ave		0.192 8				4.0		20.0			
Tetrahydrofuran	0.8728 0.8740	0.8342 0.8157	0.8610	0.8476	0.8219	Ave		0.846 8				2.8		20.0			
Chloroform	0.6895 0.5371	0.6024 0.5081	0.5800	0.5724	0.5496	Ave		0.577 0			0.2000	10.1		20.0			
1,1,1-Trichloroethane	0.5684 0.5865	0.6235 0.5822	0.5835	0.6030	0.5910	Ave		0.591 2			0.1000	3.0		20.0			
Cyclohexane	0.4672 0.5355	0.5436 0.5242	0.4215	0.5123	0.5247	Ave		0.504 1			0.1000	8.7		20.0			
Carbon tetrachloride	0.5249 0.5612	0.5901 0.5529	0.5236	0.5659	0.5561	Ave		0.553 5			0.1000	4.2		20.0			
1,1-Dichloropropene	0.3620 0.3865	0.4113 0.3812	0.3625	0.3891	0.3862	Ave		0.382 7				4.4		20.0			
Isobutyl alcohol	0.3597 0.2870	0.2851 0.2741	0.2740	0.2802	0.2809	Ave		0.291 6				10.4		20.0			
Benzene	1.1094 1.1302	1.1626 1.1121	1.1597	1.1562	1.1316	Ave		1.137 4			0.5000	2.0		20.0			
1,2-Dichloroethane	0.3850 0.3596	0.3792 0.3539	0.3738	0.3749	0.3620	Ave		0.369 8			0.1000	3.1		20.0			
t-Amyl methyl ether	0.8390 0.8660	0.8275 0.8814	0.8260	0.8299	0.8437	Ave		0.844 8				2.5		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	0.3156 0.3099	0.3131 0.2846	0.2101	0.3090	0.3039	Ave		0.292 3				12.9		20.0			
n-Butanol	0.1956 0.2359	0.2097 0.2405	0.2280	0.2179	0.2322	Ave		0.222 8				7.2		20.0			
Trichloroethene	0.3381 0.3347	0.3489 0.3353	0.3300	0.3325	0.3333	Ave		0.336 1			0.2000	1.8		20.0			
Ethyl acrylate	0.3505 0.3684	0.3433 0.3779	0.3393	0.3583	0.3674	Ave		0.357 9				4.0		20.0			
Methylcyclohexane	0.5788 0.6546	0.6335 0.6415	0.4563	0.6251	0.6402	Ave		0.604 3			0.1000	11.5		20.0			
t-Amyl ethyl ether	0.4378 0.4667	0.4568 0.4686	0.4488	0.4566	0.4583	Ave		0.456 2				2.3		20.0			
1,2-Dichloropropane	0.2652 0.2694	0.2678 0.2633	0.2715	0.2725	0.2680	Ave		0.268 2			0.1000	1.2		20.0			
Methyl methacrylate	0.2042 0.2167	0.2021 0.2131	0.2035	0.2116	0.2112	Ave		0.208 9				2.7		20.0			
1,4-Dioxane	0.0569 0.0782	0.0768 0.0770	0.0841	0.0803	0.0859	Ave		0.077 0			0.0050	12.4		20.0			
Dibromomethane	0.1977 0.1979	0.1962 0.1963	0.2018	0.2021	0.2009	Ave		0.199 0				1.3		20.0			
Bromodichloromethane	0.3816 0.4047	0.3920 0.4105	0.3974	0.3953	0.3980	Ave		0.397 1			0.2000	2.3		20.0			
2-Nitropropane	1.4344 1.5664	1.3555 1.5149	1.4120	1.4683	1.4360	Ave		1.455 4				4.8		20.0			
2-Chloroethyl vinyl ether	0.1701 0.1748	0.1699 0.1771	0.1614	0.1738	0.1698	Ave		0.171 0				3.0		20.0			
cis-1,3-Dichloropropene	0.3611 0.4464	0.4189 0.4522	0.4195	0.4280	0.4381	Ave		0.423 5			0.2000	7.2		20.0			
4-Methyl-2-pentanone (MIBK)	0.4092 0.3273	0.3056 0.3249	0.3222	0.3175	0.3417	Ave		0.335 5			0.1000	10.2		20.0			
Toluene	0.9600 0.9458	0.9809 0.9182	0.9387	0.9637	0.9396	Ave		0.949 6			0.4000	2.2		20.0			
trans-1,3-Dichloropropene	0.4645 0.4946	0.4706 0.4951	0.4670	0.4823	0.4813	Ave		0.479 4			0.1000	2.6		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.4224 0.4744	0.4408 0.4665	0.4373	0.4528	0.4678	Ave		0.451 7				4.2		20.0			
1,1,2-Trichloroethane	0.3298 0.3312	0.3469 0.3226	0.3467	0.3332	0.3315	Ave		0.334 6			0.1000	2.7		20.0			
Tetrachloroethene	0.4997 0.5440	0.5799 0.5217	0.5021	0.5449	0.5398	Ave		0.533 2			0.2000	5.3		20.0			
1,3-Dichloropropane	0.4994 0.4967	0.5039 0.4907	0.5100	0.5097	0.5002	Ave		0.501 5				1.4		20.0			
2-Hexanone	0.3700 0.2665	0.2632 0.2593	0.2668	0.2639	0.2805	Ave		0.281 5			0.1000	14.1		20.0			
Dibromochloromethane	0.3882 0.4576	0.4305 0.4595	0.4284	0.4426	0.4419	Ave		0.435 5				5.5		20.0			
1,2-Dibromoethane (EDB)	0.3501 0.3589	0.3658 0.3560	0.3593	0.3675	0.3623	Ave		0.360 0			0.1000	1.7		20.0			
1-Chlorohexane	0.5894 0.5509	0.5907 0.5308	0.4329	0.5337	0.5422	Ave		0.538 7				9.8		20.0			
Chlorobenzene	1.0811 1.1279	1.1677 1.0962	1.1289	1.1434	1.1333	Ave		1.125 5			0.5000	2.6		20.0			
1,1,1,2-Tetrachloroethane	0.4808 0.5057	0.4981 0.4948	0.4983	0.5072	0.4969	Ave		0.497 4				1.7		20.0			
Ethylbenzene	1.8808 1.9133	1.9902 1.7782	1.7890	1.9290	1.9106	Ave		1.884 4			0.1000	4.1		20.0			
m&p-Xylene	0.7088 0.7587	0.7760 0.7222	0.7176	0.7779	0.7740	Ave		0.747 9			0.1000	4.1		20.0			
n-Butyl acrylate	0.5981 0.6532	0.6162 0.6608	0.5925	0.6289	0.6555	Ave		0.629 3				4.5		20.0			
o-Xylene	0.7203 0.7964	0.8217 0.7634	0.7490	0.7989	0.8090	Ave		0.779 8			0.3000	4.7		20.0			
Styrene	1.0853 1.2440	1.1817 1.1812	1.1552	1.2190	1.2331	Ave		1.185 6			0.3000	4.6		20.0			
Bromoform	0.2324 0.3585	0.3154 0.3572	0.3297	0.3335	0.3467	Ave		0.324 8			0.1000	13.4		20.0			
Isopropylbenzene	2.0117 2.2888	2.2451 2.0673	1.9127	2.2725	2.2795	Ave		2.153 9			0.1000	7.1		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.2508 0.2608	0.2454 0.2688	0.2707	0.2677	0.2886	Ave		0.264 7				5.4		20.0			
1,1,2,2-Tetrachloroethane	0.8718 0.9094	0.8358 0.8541	0.8776	0.8859	0.9132	Ave		0.878 3			0.3000	3.2		20.0			
Bromobenzene	0.8611 0.9440	0.9301 0.9255	0.9067	0.9239	0.9504	Ave		0.920 2				3.2		20.0			
trans-1,4-Dichloro-2-butene	0.2067 0.2297	0.2184 0.2182	0.2158	0.2215	0.2280	Ave		0.219 7				3.5		20.0			
1,2,3-Trichloropropane	0.2815 0.3031	0.2997 0.2863	0.3120	0.3087	0.3090	Ave		0.300 0				3.9		20.0			
N-Propylbenzene	3.6242 4.1769	3.9778 3.6809	3.3914	4.0763	4.1342	Ave		3.866 0				7.8		20.0			
2-Chlorotoluene	0.8202 0.9235	0.8983 0.8952	0.8171	0.8918	0.9166	Ave		0.880 4				5.0		20.0			
1,3,5-Trimethylbenzene	2.7681 3.3333	3.0119 3.0688	2.6838	3.1808	3.2893	Ave		3.048 0				8.1		20.0			
4-Chlorotoluene	0.7930 0.8762	0.8546 0.8541	0.7861	0.8654	0.8763	Ave		0.843 7				4.5		20.0			
tert-Butylbenzene	0.6332 0.7476	0.6689 0.7370	0.5498	0.6757	0.7189	Ave		0.675 9				10.2		20.0			
1,2,4-Trimethylbenzene	2.8984 3.3483	3.0608 3.1114	2.7703	3.2272	3.3395	Ave		3.108 0				7.0		20.0			
sec-Butylbenzene	3.5189 4.3168	3.8860 3.8148	3.1282	4.0679	4.2626	Ave		3.856 5				10.9		20.0			
1,3-Dichlorobenzene	1.6856 1.7615	1.7595 1.6668	1.6563	1.7702	1.7874	Ave		1.726 8			0.6000	3.2		20.0			
p-Isopropyltoluene	3.2234 3.8572	3.4554 3.4945	2.8240	3.6607	3.7884	Ave		3.472 0				10.3		20.0			
1,4-Dichlorobenzene	1.7152 1.7351	1.7750 1.6621	1.6758	1.7503	1.7383	Ave		1.721 7			0.5000	2.3		20.0			
1,2,3-Trimethylbenzene	2.8669 3.3791	3.1616 3.1310	2.9399	3.2525	3.3537	Ave		3.155 0				6.2		20.0			
Benzyl chloride	1.4718 1.6672	1.4929 1.6498	1.4921	1.5422	1.6292	Ave		1.563 6				5.3		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	1.8548 2.0794	1.8743 1.9594	1.5644	1.9969	2.0178	Ave		1.906 7				8.9		20.0			
1,4-Diethylbenzene	1.9570 2.1620	1.9688 2.0563	1.6008	2.0784	2.1560	Ave		1.997 0				9.6		20.0			
n-Butylbenzene	1.4808 1.5916	1.5051 1.4909	1.1934	1.5617	1.5890	Ave		1.487 5				9.2		20.0			
1,2-Dichlorobenzene	1.6754 1.7257	1.7505 1.6605	1.6921	1.7486	1.7776	Ave		1.718 6		0.4000		2.5		20.0			
1,2-Diethylbenzene	1.6655 1.8458	1.6984 1.7499	1.4299	1.7656	1.8096	Ave		1.709 2				8.1		20.0			
1,2-Dibromo-3-Chloropropane	0.2619 0.2366	0.2280 0.2413	0.2231	0.2278	0.2355	Ave		0.236 3		0.0500		5.4		20.0			
1,3,5-Trichlorobenzene	1.4204 1.5064	1.4211 1.4729	1.1838	1.4545	1.4753	Ave		1.419 2				7.6		20.0			
1,2,4-Trichlorobenzene	1.2610 1.3722	1.3649 1.3816	1.1488	1.3373	1.3742	Ave		1.320 0		0.2000		6.5		20.0			
2-Ethylhexyl acrylate	0.9357 1.1357	0.8995 1.2486	0.9018	1.0048	1.1148	Ave		1.034 4				13.0		20.0			
Hexachlorobutadiene	0.5018 0.5970	0.5472 0.5923	0.4204	0.5800	0.5911	Ave		0.547 1				12.0		20.0			
Naphthalene	3.7508 4.0637	3.9417 3.8216	3.7549	3.9571	4.1643	Ave		3.922 0				4.0		20.0			
1,2,3-Trichlorobenzene	1.3908 1.3679	1.3527 1.3896	1.2020	1.3773	1.3848	Ave		1.352 2				5.0		20.0			
2-Methylnaphthalene	2.3082 2.4123	2.1806 2.4576	1.9444	2.2765	2.5014	Ave		2.297 3				8.3		20.0			
Dibromofluoromethane (Surr)	0.2859 0.2798	0.2865 0.2758	0.2906	0.2864	0.2847	Ave		0.284 2				1.7		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0637 0.0627	0.0642 0.0641	0.0646	0.0642	0.0649	Ave		0.064 1				1.1		20.0			
Toluene-d8 (Surr)	1.2500 1.2088	1.2455 1.2163	1.2311	1.2309	1.2155	Ave		1.228 3				1.3		20.0			
4-Bromofluorobenzene (Surr)	0.4748 0.4577	0.4682 0.4630	0.4545	0.4639	0.4645	Ave		0.463 8				1.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/12	NS22X22.D
Level 2	IC 410-702728/13	NS22X23.D
Level 3	IC 410-702728/14	NS22X14.D
Level 4	IC 410-702728/15	NS22X15.D
Level 5	ICIS 410-702728/16	NS22X16.D
Level 6	IC 410-702728/17	NS22X17.D
Level 7	IC 410-702728/18	NS22X18.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	13693 2001054	62478 5831911	165647	367201	1040500	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	13287 1292695	50624 3697483	123246	250020	659018	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	7297 875523	32785 2534870	75238	168013	450791	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	11720 1348258	50144 3895671	123038	259229	707764	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	9668 1005052	40625 2912376	100527	198796	522605	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	6062 596664	23690 1743007	56657	116054	309644	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	16021 1719918	68659 5003898	165380	334689	888172	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	13478 1924599	63230 5628842	161056	354075	978301	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	8017 830390	36588 2464947	62909	159434	396742	1.00 100	4.00 300	10.0	20.0	50.0
Ethanol	TBA d10	Ave	4658 190426	22837 652258	42168	82301	118824	62.5 2500	250 7499	500	1000	1250
Freon 123a	FB	Ave	6858 814812	30180 2394145	73112	152201	421494	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBA d10	Ave	++++ 1368149	55096 4040985	133619	266429	694031	++++ 976	39.0 2927	97.6	195	488
1,1-Dichloroethene	FB	Ave	6345 592161	25473 1763332	53824	115579	289711	1.00 100	4.00 300	10.0	20.0	50.0
Freon 113	FB	Ave	8016 906161	37729 2584036	73653	174295	440791	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	TBA01	Ave	++++ 142859	5787 405217	13966	27737	71661	++++ 200	8.00 600	20.0	40.0	100
Methyl iodide	FB	Ave	13432 1437076	61387 4236645	136351	285676	692197	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBA01	Ave	5472 354314	20235 1210774	43290	86610	207222	5.00 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	19320 2017013	86112 6008846	185194	395296	962745	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	5543 433004	19862 1255639	38531	84466	207819	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	6480 702471	31576 2043672	66395	138858	329383	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	6449 649181	27398 1914504	62875	130490	316496	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBA01	Ave	6331 628480	25431 2011368	63003	127148	342964	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	6457 627165	25232 1821158	62777	124238	303545	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	20566 2048266	81806 6069310	196257	401770	1012587	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	6980 663376	29475 1867432	61855	128949	320041	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	7196 817537	33610 2305356	53887	151671	392724	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	9873 994480	42571 2867941	99865	199735	492156	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	16128 1660812	64691 4892240	156001	319061	802919	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	7804 875747	35471 2534369	77776	167637	423127	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	16924 1904836	71137 5743594	169313	355435	898516	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	++++ 626469	26088 1997499	62698	123972	326481	++++ 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	8002 746615	33033 2143832	73690	149026	368767	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	11085 1134111	48062 3341695	106094	223246	554033	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBA01	Ave	5702 557573	22522 1701688	53892	110374	277340	5.00 500	20.0 1500	50.0	100	250
Methyl acrylate	FB	Ave	6752 677848	26314 2094230	62315	131766	335800	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	7087 710589	26813 2083736	63992	132108	339173	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	4033 414612	17222 1191217	41600	83537	207361	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBA01	Ave	5334 527714	20925 1568636	49813	100977	256335	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	14760 1183658	51532 3363652	120127	242368	589099	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	12168 1292608	53334 3854429	120847	255353	633446	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	10000 1180062	46500 3470540	87297	216927	562387	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	11236 1236720	50477 3660772	108444	239606	596055	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	7749 851722	35185 2523923	75071	164754	413901	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBA01	Ave	5495 433163	17881 1317831	39629	83455	218982	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	23748 2490711	99455 7363054	240202	489558	1212934	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	8242 792540	32434 2342883	77419	158746	387969	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	17960 1908440	70787 5835568	171071	351394	904318	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	6756 682940	26780 1884503	43512	130859	325712	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBA01	Ave	2988 356150	13148 1156288	32977	64891	181080	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	7238 737689	29850 2220146	68353	140798	357208	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	7506 812165	29383 2503176	70310	151805	393994	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	12389	54190	94519	264703	686176	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			1442555	4247207				100	300			
t-Amyl ethyl ether	FB	Ave	9371 1028561	39080 3102340	92961	193357	491260	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	5676 593609	22909 1742900	56224	115400	287285	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	4372 477649	17288 1410846	42139	89600	226357	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBA d10	Ave	870 118067	4818 370164	12167	23915	66991	12.5 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	4232 436210	16783 1299739	41791	85577	215332	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	8168 891797	33531 2717762	82317	167384	426633	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBA d10	Ave	8766 945759	34001 2912968	81697	174919	447848	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3642 385156	14530 1172802	33435	73573	182034	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	7729 983782	35834 2993831	86881	181237	469594	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	12044 1442549	52289 4302517	133484	268861	732473	1.38 200	8.00 600	20.0	40.0	100
Toluene	CBZ d5	Ave	16378 1731381	65791 5087526	158327	331328	831776	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZ d5	Ave	7924 905484	31562 2743631	78769	165832	426057	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZ d5	Ave	7206 868475	29567 2584931	73751	155682	414075	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZ d5	Ave	5627 606280	23264 1787754	58478	114561	293401	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZ d5	Ave	8525 995842	38897 2890563	84689	187352	477813	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZ d5	Ave	8520 909198	33795 2719013	86021	175261	442776	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZ d5	Ave	8680 975747	35302 2873476	89982	181479	496573	1.38 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZ d5	Ave	6622 837676	28871 2545854	72254	152166	391154	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZ d5	Ave	5972 657098	24534 1972457	60603	126356	320683	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

Analy Batch No.: 702728

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBZd5	Ave	10055 1008440	39617 2941277	73017	183510	479957	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	18443 2064829	78320 6074215	190398	393107	1003216	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	8202 925801	33410 2741887	84043	174387	439890	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	32087 3502480	133487 9852867	301732	663215	1691239	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	24183 2777692	104092 8003799	242047	534888	1370209	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	10204 1195969	41331 3661744	99935	216246	580301	1.00 100	4.00 300	10.0	20.0	50.0
o-Xylene	CBZd5	Ave	12288 1457879	55115 4230171	126321	274676	716149	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	18515 2277357	79256 6544904	194840	419118	1091570	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3965 656285	21157 1979238	55599	114679	306872	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	34319 4189993	150583 11454797	322593	781330	2017800	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBA d1 0	Ave	15326 393695	61566 1292188	78318	159474	225039	50.0 1250	200 3750	250	500	625
1,1,2,2-Tetrachloroethane	DCBd4	Ave	9285 965290	34997 2751855	89307	183749	473691	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	9171 1001996	38945 2981950	92264	191632	492950	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	5504 609516	22860 1757729	54888	114831	295638	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	2998 321737	12549 922412	31747	64024	160277	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	38599 4433392	166564 11859484	345117	845443	2144365	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	8735 980177	37614 2884361	83150	184965	475418	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	29481 3537946	126119 9887323	273109	659714	1706107	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	8446 930029	35784 2751771	80000	179486	454529	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	6744	28009	55945	140142	372876	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			793494	2374453				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	30869 3553887	128164 10024752	281911	669348	1732172	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	37478 4581891	162718 12290856	318331	843711	2210953	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	17952 1869661	73676 5370177	168553	367149	927117	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	34331 4094059	144689 11258948	287378	759259	1964996	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	18268 1841633	74323 5355107	170532	363032	901615	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	30534 3586550	132386 10087783	299167	674592	1739541	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	15675 1769588	62511 5315587	151837	319854	845054	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	19754 2207081	78483 6312945	159197	414171	1046619	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	20843 2294754	82439 6625277	162896	431083	1118278	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	15771 1689331	63021 4803495	121443	323916	824200	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	17844 1831700	73299 5349931	172189	362668	922001	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	17738 1959163	71116 5637865	145505	366200	938632	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	2789 251081	9546 777311	22706	47252	122141	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	15128 1598867	59506 4745670	120466	301682	765213	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	13430 1456437	57153 4451387	116899	277374	712769	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	9967 1205624	37673 4023455	91780	208440	578352	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	5344 633673	22913 1908398	42776	120293	306576	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	39948 4313257	165052 12312714	382110	820728	2159980	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	14813 1451875	56640 4476991	122317	285664	718299	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	24583	91307	197870	472166	1297448	1.00	4.00	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

Instrument ID: 7159 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
			2560427	7918236				100	300			
Dibromofluoromethane (Surr)	FB	Ave	305986 308356	306329 304288	300932	303149	305199	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	68230 69102	68620 70774	66861	67935	69522	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	1066227 1106405	1044213 1123282	1038157	1057998	1075927	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	405047 418893	392502 427548	383305	398783	411139	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Ave = Average ISTD

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-702728/12	NS22X22.D
Level 2	IC 410-702728/13	NS22X23.D
Level 3	IC 410-702728/14	NS22X14.D
Level 4	IC 410-702728/15	NS22X15.D
Level 5	ICIS 410-702728/16	NS22X16.D
Level 6	IC 410-702728/17	NS22X17.D
Level 7	IC 410-702728/18	NS22X18.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dichlorodifluoromethane	-22.8 6.4	-11.8	-3.4	4.7	17.2	9.7	50 30	30	30	30	30	30
Chloromethane	4.5 -6.0	-0.4	0.2	-0.6	3.5	-1.2	50 30	30	30	30	30	30
1,3-Butadiene	-11.1 -0.2	-0.1	-5.3	3.4	9.7	3.6	50 30	30	30	30	30	30
Vinyl chloride	-8.8 -1.9	-2.3	-1.0	2.0	10.0	2.0	50 30	30	30	30	30	30
Bromomethane	-3.2 -5.7	1.8	4.1	0.7	4.5	-2.2	50 30	30	30	30	30	30
Chloroethane	2.7 -4.5	0.4	-0.8	-0.6	4.7	-1.8	50 30	30	30	30	30	30
Dichlorofluoromethane	-4.8 -3.9	2.1	1.5	0.5	5.4	-0.8	50 30	30	30	30	30	30
Trichlorofluoromethane	-21.6 5.9	-7.9	-3.1	4.2	13.7	8.8	50 30	30	30	30	30	30
n-Pentane	0.8 0.2	15.1	-18.3	1.3	-0.4	1.4	50 30	30	30	30	30	30
Ethanol	-11.6 -1.7	5.6	5.6	0.1	10.5	-8.6	50 30	30	30	30	30	30
Freon 123a	-10.7 0.8	-1.6	-1.6	0.2	9.7	3.1	50 30	30	30	30	30	30
Acrolein	+++++ -5.4	-1.2	3.9	0.6	0.1	2.0	30	50	30	30	30	30
1,1-Dichloroethene	7.4 -3.5	7.9	-5.9	-1.1	-2.1	-2.7	50 30	30	30	30	30	30
Freon 113	-6.2 -2.3	10.4	-11.0	3.1	3.0	3.0	50 30	30	30	30	30	30
Acetone	+++++ -8.5	0.2	4.8	1.1	-0.2	2.7	30	50	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-4.8 -3.0	8.8	-0.2	2.3	-2.1	-1.1	50 30	30	30	30	30	30
2-Propanol	23.9 -12.9	11.6	3.5	0.6	-8.1	-18.8	50 30	30	30	30	30	30
Carbon disulfide	-2.2 -1.6	9.1	-3.1	1.2	-2.6	-0.8	50 30	30	30	30	30	30
Methyl acetate	24.4 -8.9	11.6	-10.6	-4.1	-6.8	-5.6	50 30	30	30	30	30	30
Allyl chloride	-6.0 -4.2	14.6	-0.5	1.8	-4.6	-1.1	50 30	30	30	30	30	30
Methylene Chloride	-0.2 -4.2	6.1	0.6	2.1	-2.1	-2.4	50 30	30	30	30	30	30
t-Butyl alcohol	-1.9 -1.0	-4.0	3.1	1.1	4.1	-1.4	50 30	30	30	30	30	30
Acrylonitrile	3.7 -5.4	1.4	4.2	0.9	-2.6	-2.2	50 30	30	30	30	30	30
Methyl tert-butyl ether	1.8 -2.8	1.4	0.4	0.6	0.1	-1.5	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	5.9 -8.4	11.9	-3.0	-1.1	-3.0	-2.2	50 30	30	30	30	30	30
n-Hexane	-3.3 0.2	13.0	-25.1	3.1	5.4	6.7	50 30	30	30	30	30	30
1,1-Dichloroethane	-0.9 -6.9	7.0	3.6	1.4	-1.3	-3.0	50 30	30	30	30	30	30
Isopropyl ether	0.3 -1.6	0.7	0.3	0.3	-0.3	0.3	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-6.4 -1.7	6.5	-3.6	1.7	1.4	2.1	50 30	30	30	30	30	30
Ethyl t-butyl ether	-5.4 3.8	-0.5	-2.2	0.5	0.3	3.4	50 30	30	30	30	30	30
2-Butanone (MEK)	++++ 1.1	2.2	1.4	-1.9	2.0	-4.8	30	50	30	30	30	30
cis-1,2-Dichloroethene	5.8 -8.4	9.2	0.7	-0.4	-2.7	-4.2	50 30	30	30	30	30	30
2,2-Dichloropropane	-0.8 -3.3	7.6	-1.9	1.0	-1.0	-1.5	50 30	30	30	30	30	30
Propionitrile	2.3 -3.0	-1.6	2.1	1.5	-2.5	1.2	50 30	30	30	30	30	30
Methyl acrylate	1.6 1.9	-0.9	-3.0	0.3	1.0	-0.9	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	4.4 -0.7	-1.1	-2.5	-1.6	-0.2	1.7	50 30	30	30	30	30	30
Bromochloromethane	-2.3 -6.7	4.4	4.2	2.3	0.4	-2.4	50 30	30	30	30	30	30
Tetrahydrofuran	3.1 -3.7	-1.5	1.7	0.1	-2.9	3.2	50 30	30	30	30	30	30
Chloroform	19.5 -12.0	4.4	0.5	-0.8	-4.7	-6.9	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-3.8 -1.5	5.5	-1.3	2.0	0.0	-0.8	50 30	30	30	30	30	30
Cyclohexane	-7.3 4.0	7.8	-16.4	1.6	4.1	6.2	50 30	30	30	30	30	30
Carbon tetrachloride	-5.2 -0.1	6.6	-5.4	2.2	0.5	1.4	50 30	30	30	30	30	30
1,1-Dichloropropene	-5.4 -0.4	7.5	-5.3	1.7	0.9	1.0	50 30	30	30	30	30	30
Isobutyl alcohol	23.4 -6.0	-2.2	-6.0	-3.9	-3.7	-1.6	50 30	30	30	30	30	30
Benzene	-2.5 -2.2	2.2	2.0	1.6	-0.5	-0.6	50 30	30	30	30	30	30
1,2-Dichloroethane	4.1 -4.3	2.5	1.1	1.4	-2.1	-2.7	50 30	30	30	30	30	30
t-Amyl methyl ether	-0.7 4.3	-2.0	-2.2	-1.8	-0.1	2.5	50 30	30	30	30	30	30
n-Heptane	8.0 -2.6	7.1	-28.1	5.7	4.0	6.0	50 30	30	30	30	30	30
n-Butanol	-12.2 7.9	-5.9	2.3	-2.2	4.2	5.9	50 30	30	30	30	30	30
Trichloroethene	0.6 -0.2	3.8	-1.8	-1.1	-0.9	-0.4	50 30	30	30	30	30	30
Ethyl acrylate	-2.1 5.6	-4.1	-5.2	0.1	2.7	2.9	50 30	30	30	30	30	30
Methylcyclohexane	-4.2 6.2	4.8	-24.5	3.4	5.9	8.3	50 30	30	30	30	30	30
t-Amyl ethyl ether	-4.0 2.7	0.1	-1.6	0.1	0.5	2.3	50 30	30	30	30	30	30
1,2-Dichloropropane	-1.1 -1.9	-0.2	1.2	1.6	-0.1	0.4	50 30	30	30	30	30	30
Methyl methacrylate	-2.2 2.0	-3.3	-2.6	1.3	1.1	3.7	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dioxane	-26.1 -0.1	-0.3	9.2	4.2	11.5	1.5	50 30	30	30	30	30	30
Dibromomethane	-0.6 -1.3	-1.4	1.4	1.6	1.0	-0.5	50 30	30	30	30	30	30
Bromodichloromethane	-3.9 3.4	-1.3	0.1	-0.4	0.2	1.9	50 30	30	30	30	30	30
2-Nitropropane	-1.4 4.1	-6.9	-3.0	0.9	-1.3	7.6	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-0.5 3.6	-0.7	-5.6	1.6	-0.7	2.2	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-14.7 6.8	-1.1	-0.9	1.1	3.5	5.4	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	22.0 -3.1	-8.9	-4.0	-5.4	1.8	-2.4	50 30	30	30	30	30	30
Toluene	1.1 -3.3	3.3	-1.1	1.5	-1.0	-0.4	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-3.1 3.3	-1.8	-2.6	0.6	0.4	3.2	50 30	30	30	30	30	30
Ethyl methacrylate	-6.5 3.3	-2.4	-3.2	0.2	3.6	5.0	50 30	30	30	30	30	30
1,1,2-Trichloroethane	-1.4 -3.6	3.7	3.6	-0.4	-0.9	-1.0	50 30	30	30	30	30	30
Tetrachloroethene	-6.3 -2.2	8.8	-5.8	2.2	1.2	2.0	50 30	30	30	30	30	30
1,3-Dichloropropane	-0.4 -2.2	0.5	1.7	1.6	-0.3	-1.0	50 30	30	30	30	30	30
2-Hexanone	31.5 -7.9	-6.5	-5.2	-6.2	-0.3	-5.3	50 30	30	30	30	30	30
Dibromochloromethane	-10.9 5.5	-1.2	-1.6	1.6	1.5	5.1	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-2.8 -1.1	1.6	-0.2	2.1	0.6	-0.3	50 30	30	30	30	30	30
1-Chlorohexane	9.4 -1.5	9.7	-19.6	-0.9	0.7	2.3	50 30	30	30	30	30	30
Chlorobenzene	-3.9 -2.6	3.8	0.3	1.6	0.7	0.2	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-3.3 -0.5	0.1	0.2	2.0	-0.1	1.7	50 30	30	30	30	30	30
Ethylbenzene	-0.2 -5.6	5.6	-5.1	2.4	1.4	1.5	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.: _____

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-5.2 -3.4	3.8	-4.1	4.0	3.5	1.4	50 30	30	30	30	30	30
n-Butyl acrylate	-5.0 5.0	-2.1	-5.9	-0.1	4.2	3.8	50 30	30	30	30	30	30
o-Xylene	-7.6 -2.1	5.4	-4.0	2.4	3.7	2.1	50 30	30	30	30	30	30
Styrene	-8.5 -0.4	-0.3	-2.6	2.8	4.0	4.9	50 30	30	30	30	30	30
Bromoform	-28.4 10.0	-2.9	1.5	2.7	6.7	10.4	50 30	30	30	30	30	30
Isopropylbenzene	-6.6 -4.0	4.2	-11.2	5.5	5.8	6.3	50 30	30	30	30	30	30
Cyclohexanone	-5.3 1.5	-7.3	2.3	1.1	9.0	-1.5	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-0.7 -2.8	-4.8	-0.1	0.9	4.0	3.5	50 30	30	30	30	30	30
Bromobenzene	-6.4 0.6	1.1	-1.5	0.4	3.3	2.6	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-5.9 -0.7	-0.6	-1.8	0.8	3.8	4.5	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-6.2 -4.6	-0.1	4.0	2.9	3.0	1.0	50 30	30	30	30	30	30
N-Propylbenzene	-6.3 -4.8	2.9	-12.3	5.4	6.9	8.0	50 30	30	30	30	30	30
2-Chlorotoluene	-6.8 1.7	2.0	-7.2	1.3	4.1	4.9	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-9.2 0.7	-1.2	-11.9	4.4	7.9	9.4	50 30	30	30	30	30	30
4-Chlorotoluene	-6.0 1.2	1.3	-6.8	2.6	3.9	3.9	50 30	30	30	30	30	30
tert-Butylbenzene	-6.3 9.0	-1.0	-18.7	0.0	6.4	10.6	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	-6.7 0.1	-1.5	-10.9	3.8	7.4	7.7	50 30	30	30	30	30	30
sec-Butylbenzene	-8.8 -1.1	0.8	-18.9	5.5	10.5	11.9	50 30	30	30	30	30	30
1,3-Dichlorobenzene	-2.4 -3.5	1.9	-4.1	2.5	3.5	2.0	50 30	30	30	30	30	30
p-Isopropyltoluene	-7.2 0.6	-0.5	-18.7	5.4	9.1	11.1	50 30	30	30	30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1 Analy Batch No.: 702728
Environment Testing, LLC

SDG No.:

Instrument ID: 7159 GC Column: R-624SilMS 3 ID: 0.25 (mm) Heated Purge: (Y/N) N

Calibration Start Date: 09/22/2025 18:51 Calibration End Date: 09/22/2025 22:59 Calibration ID: 76951

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-0.4 -3.5	3.1	-2.7	1.7	1.0	0.8	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-9.1 -0.8	0.2	-6.8	3.1	6.3	7.1	50 30	30	30	30	30	30
Benzyl chloride	-5.9 5.5	-4.5	-4.6	-1.4	4.2	6.6	50 30	30	30	30	30	30
1,3-Diethylbenzene	-2.7 2.8	-1.7	-18.0	4.7	5.8	9.1	50 30	30	30	30	30	30
1,4-Diethylbenzene	-2.0 3.0	-1.4	-19.8	4.1	8.0	8.3	50 30	30	30	30	30	30
n-Butylbenzene	-0.5 0.2	1.2	-19.8	5.0	6.8	7.0	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-2.5 -3.4	1.9	-1.5	1.7	3.4	0.4	50 30	30	30	30	30	30
1,2-Diethylbenzene	-2.6 2.4	-0.6	-16.3	3.3	5.9	8.0	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	10.8 2.1	-3.5	-5.6	-3.6	-0.3	0.1	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	0.1 3.8	0.1	-16.6	2.5	4.0	6.1	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-4.5 4.7	3.4	-13.0	1.3	4.1	4.0	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	-9.5 20.7	-13.0	-12.8	-2.9	7.8	9.8	50 30	30	30	30	30	30
Hexachlorobutadiene	-8.3 8.3	0.0	-23.2	6.0	8.0	9.1	50 30	30	30	30	30	30
Naphthalene	-4.4 -2.6	0.5	-4.3	0.9	6.2	3.6	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	2.9 2.8	0.0	-11.1	1.9	2.4	1.2	50 30	30	30	30	30	30
2-Methylnaphthalene	0.5 7.0	-5.1	-15.4	-0.9	8.9	5.0	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	0.6 -3.0	0.8	2.2	0.7	0.2	-1.5	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	-0.5 0.1	0.2	0.8	0.2	1.3	-2.1	50 30	30	30	30	30	30
Toluene-d8 (Surr)	1.8 -1.0	1.4	0.2	0.2	-1.0	-1.6	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	2.4 -0.2	0.9	-2.0	0.0	0.1	-1.3	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
 Lims ID: IC v1
 Client ID:
 Sample Type: IC Calib Level: 1
 Inject. Date: 22-Sep-2025 22:39:28 ALS Bottle#: 21 Worklist Smp#: 12
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-012
 Misc. Info.: IC V1
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:29 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKEK

Date: 23-Sep-2025 09:30:45

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	34	13693	1.00	0.7725	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.228	2.231	-0.003	99	13287	1.00	1.05	
5 Butadiene	39	2.344	2.350	-0.006	86	7297	1.00	0.8887	M
6 Vinyl chloride	62	2.357	2.363	-0.006	96	11720	1.00	0.9124	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	
8 Bromomethane	94	2.701	2.704	-0.003	81	9668	1.00	0.9683	
9 Chloroethane	64	2.797	2.810	-0.013	51	6062	1.00	1.03	M
10 Dichlorofluoromethane	67	3.061	3.074	-0.013	96	16021	1.00	0.9517	
11 Trichlorofluoromethane	101	3.125	3.141	-0.016	48	13478	1.00	0.7844	M
12 Pentane	43	3.180	3.176	0.004	89	8017	1.00	1.01	
13 Ethanol	45	3.276	3.328	-0.052	69	4658	62.5	55.2	
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.501	3.511	-0.010	34	6858	1.00	0.8934	M
16 Acrolein	56	3.607	3.607	0.000	99	13704	6.71	9.85	
17 1,1-Dichloroethene	96	3.742	3.752	-0.010	95	6345	1.00	1.07	M
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.775	3.791	-0.016	40	8016	1.00	0.9377	M
19 Acetone	58	3.797	3.794	0.003	44	1449	1.38	2.06	
20 Iodomethane	142	3.948	3.964	-0.016	99	13432	1.00	0.9516	
21 Isopropyl alcohol	45	3.990	3.984	0.006	30	5472	5.00	6.20	M
22 Carbon disulfide	76	4.070	4.070	0.000	95	19320	1.00	0.9783	
24 Methyl acetate	43	4.250	4.254	-0.004	55	5543	1.00	1.24	M
25 3-Chloro-1-propene	41	4.276	4.283	-0.007	90	6480	1.00	0.9397	M
26 Methylene Chloride	84	4.476	4.485	-0.009	38	6449	1.00	1.00	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.498	4.530	-0.032	32	305558	250.0	250.0	
28 2-Methyl-2-propanol	59	4.697	4.665	0.032	32	6331	5.00	4.90	M
29 Acrylonitrile	53	4.849	4.861	-0.013	18	6457	2.50	2.59	M
32 Methyl tert-butyl ether	73	4.913	4.910	0.003	68	20566	1.00	1.02	M
31 trans-1,2-Dichloroethene	96	4.916	4.913	0.003	96	6980	1.00	1.06	M
33 Hexane	57	5.350	5.347	0.003	77	7196	1.00	0.9672	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.585	5.591	-0.006	95	9873	1.00	0.99	M
36 Isopropyl ether	45	5.643	5.652	-0.009	81	16128	1.00	1.00	
37 2-Chloro-1,3-butadiene	53	5.688	5.697	-0.009	87	7804	1.00	0.9363	M
S 38 1,2-Dichloroethene, Total	100				0			2.12	
39 Tert-butyl ethyl ether	59	6.170	6.186	-0.016	98	16924	1.00	0.9462	M
40 2-Butanone (MEK)	43	6.382	6.401	-0.019	88	7058	1.38	2.21	M
41 cis-1,2-Dichloroethene	96	6.430	6.424	0.006	42	8002	1.00	1.06	M
43 2,2-Dichloropropane	77	6.434	6.443	-0.009	60	11085	1.00	0.99	M
44 Propionitrile	54	6.479	6.508	-0.029	55	5702	5.00	5.11	M
45 Methyl acrylate	55	6.517	6.524	-0.007	64	6752	1.00	1.02	M
46 Methacrylonitrile	67	6.701	6.713	-0.012	73	7087	2.50	2.61	M
47 Chlorobromomethane	128	6.752	6.752	0.000	64	4033	1.00	0.9774	M
48 Tetrahydrofuran	71	6.765	6.768	-0.003	78	5334	5.00	5.15	M
49 Chloroform	83	6.890	6.906	-0.016	68	14760	1.00	1.20	M
\$ 50 Dibromofluoromethane (Surr)	113	7.106	7.115	-0.009	95	305986	50.0	50.3	
51 1,1,1-Trichloroethane	97	7.122	7.128	-0.006	41	12168	1.00	0.9616	
52 Cyclohexane	56	7.202	7.215	-0.013	87	10000	1.00	0.9267	
53 Carbon tetrachloride	117	7.308	7.334	-0.026	59	11236	1.00	0.9483	M
54 1,1-Dichloropropene	75	7.324	7.334	-0.010	88	7749	1.00	0.9460	
55 Isobutyl alcohol	41	7.508	7.495	0.013	29	5495	12.5	15.4	M
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.562	7.575	-0.013	92	68230	50.0	49.8	
57 Benzene	78	7.585	7.594	-0.009	92	23748	1.00	0.9754	M
59 1,2-Dichloroethane	62	7.662	7.675	-0.013	96	8242	1.00	1.04	
60 Tert-amyl methyl ether	73	7.778	7.787	-0.009	96	17960	1.00	0.99	M
* 62 Fluorobenzene (IS)	96	7.990	7.999	-0.009	100	1070287	50.0	50.0	
63 n-Heptane	43	7.993	8.000	-0.007	37	6756	1.00	1.08	
64 n-Butanol	56	8.356	8.356	0.000	73	2988	12.5	11.0	
65 Trichloroethene	95	8.453	8.463	-0.010	75	7238	1.00	1.01	M
66 Ethyl acrylate	55	8.575	8.585	-0.010	97	7506	1.00	0.9798	
67 Methylcyclohexane	83	8.771	8.768	0.003	81	12389	1.00	0.9578	
68 2-ethoxy-2-methyl butane	87	8.791	8.803	-0.012	93	9371	1.00	0.9595	
69 1,2-Dichloropropane	63	8.794	8.803	-0.009	69	5676	1.00	0.9886	M
70 Methyl methacrylate	69	8.874	8.881	-0.007	63	4372	1.00	0.9776	
71 1,4-Dioxane	88	8.897	8.900	-0.003	1	870	12.5	9.24	M
72 Dibromomethane	93	8.903	8.909	-0.006	90	4232	1.00	0.99	
74 Dichlorobromomethane	83	9.138	9.138	0.000	97	8168	1.00	0.9610	
75 2-Nitropropane	41	9.401	9.411	-0.010	97	8766	5.00	4.93	
76 2-Chloroethyl vinyl ether	63	9.479	9.485	-0.006	90	3642	1.00	1.00	M
77 cis-1,3-Dichloropropene	75	9.649	9.659	-0.010	96	7729	1.00	0.8527	
78 4-Methyl-2-pentanone (MIBK)	43	9.819	9.826	-0.007	94	12044	1.38	1.68	
\$ 79 Toluene-d8 (Surr)	98	9.945	9.951	-0.006	93	1066227	50.0	50.9	
118 Toluene	92	10.019	10.025	-0.006	99	16378	1.00	1.01	
S 119 1,3-Dichloropropene, Total	100				0			1.82	
120 trans-1,3-Dichloropropene	75	10.263	10.266	-0.003	91	7924	1.00	0.9690	M
121 Ethyl methacrylate	69	10.321	10.324	-0.003	86	7206	1.00	0.9351	
122 1,1,2-Trichloroethane	97	10.463	10.466	-0.003	72	5627	1.00	0.9859	M
123 Tetrachloroethene	166	10.536	10.543	-0.007	96	8525	1.00	0.9372	
124 1,3-Dichloropropane	76	10.617	10.623	-0.006	88	8520	1.00	1.00	M
126 2-Hexanone	43	10.665	10.671	-0.006	96	8680	1.38	1.81	
128 Chlorodibromomethane	129	10.823	10.826	-0.003	89	6622	1.00	0.8913	
129 Ethylene Dibromide	107	10.938	10.938	0.000	96	5972	1.00	0.9724	
S 130 Xylenes, Total	106				0			2.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.350	11.353	-0.003	83	853006	50.0	50.0	
132 1-Chlorohexane	91	11.353	11.356	-0.003	34	10055	1.00	1.09	
133 Chlorobenzene	112	11.376	11.379	-0.003	93	18443	1.00	0.9605	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	70	8202	1.00	0.9665	
135 Ethylbenzene	91	11.459	11.459	0.000	98	32087	1.00	1.00	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	99	24183	2.00	1.90	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	10204	1.00	0.9505	
138 o-Xylene	106	11.890	11.890	0.000	96	12288	1.00	0.9236	
139 Styrene	104	11.903	11.906	-0.003	92	18515	1.00	0.9153	
140 Bromoform	173	12.064	12.061	0.004	94	3965	1.00	0.7156	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	34319	1.00	0.9339	
143 Cyclohexanone	55	12.270	12.270	0.000	89	15326	50.0	47.4	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	405047	50.0	51.2	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	96	9285	1.00	0.99	
146 Bromobenzene	156	12.443	12.443	0.000	90	9171	1.00	0.9357	
147 trans-1,4-Dichloro-2-butene	53	12.453	12.450	0.003	84	5504	2.50	2.35	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	79	2998	1.00	0.9382	M
149 N-Propylbenzene	91	12.504	12.504	0.000	98	38599	1.00	0.9375	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	8735	1.00	0.9316	
151 1,3,5-Trimethylbenzene	105	12.633	12.636	-0.003	94	29481	1.00	0.9082	
152 4-Chlorotoluene	126	12.678	12.675	0.003	95	8446	1.00	0.9400	M
154 tert-Butylbenzene	134	12.871	12.877	-0.006	91	6744	1.00	0.9369	M
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	96	30869	1.00	0.9326	
157 sec-Butylbenzene	105	13.035	13.038	-0.003	94	37478	1.00	0.9125	
158 1,3-Dichlorobenzene	146	13.134	13.138	-0.004	74	17952	1.00	0.9761	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	34331	1.00	0.9284	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	94	532520	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.205	13.208	-0.003	96	18268	1.00	1.00	a
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	96	30534	1.00	0.9087	
163 Benzyl chloride	91	13.282	13.286	-0.004	98	15675	1.00	0.9413	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	97	19754	1.00	0.9728	
165 p-Diethylbenzene	119	13.408	13.411	-0.003	94	20843	1.00	0.9800	
166 n-Butylbenzene	92	13.427	13.430	-0.003	97	15771	1.00	1.00	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	17844	1.00	0.9749	
168 o-diethylbenzene	119	13.479	13.482	-0.003	92	17738	1.00	0.9744	
170 1,2-Dibromo-3-Chloropropane	75	14.006	14.003	0.003	89	2789	1.00	1.11	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	97	15128	1.00	1.00	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	13430	1.00	0.9553	
173 2-Ethylhexyl acrylate	55	14.594	14.597	-0.003	83	9967	1.00	0.9047	
174 Hexachlorobutadiene	225	14.623	14.623	0.000	94	5344	1.00	0.9171	
175 Naphthalene	128	14.729	14.729	0.000	96	39948	1.00	0.9564	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	95	14813	1.00	1.03	
177 2-Methylnaphthalene	142	15.520	15.517	0.003	91	24583	1.00	1.00	
S 238 Total Diethylbenzene	1				0			2.93	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_4ppbEtoh_00802

Amount Added: 12.50

Units: mL

MSV_Cent_ISSS_00044

Amount Added: 5.00

Units: uL

Run Reagent

MSV_V_SMFreon_00052

Amount Added: 0.00

Units:

Run Reagent

Report Date: 23-Sep-2025 09:35:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D

Injection Date: 22-Sep-2025 22:39:28

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v1

Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

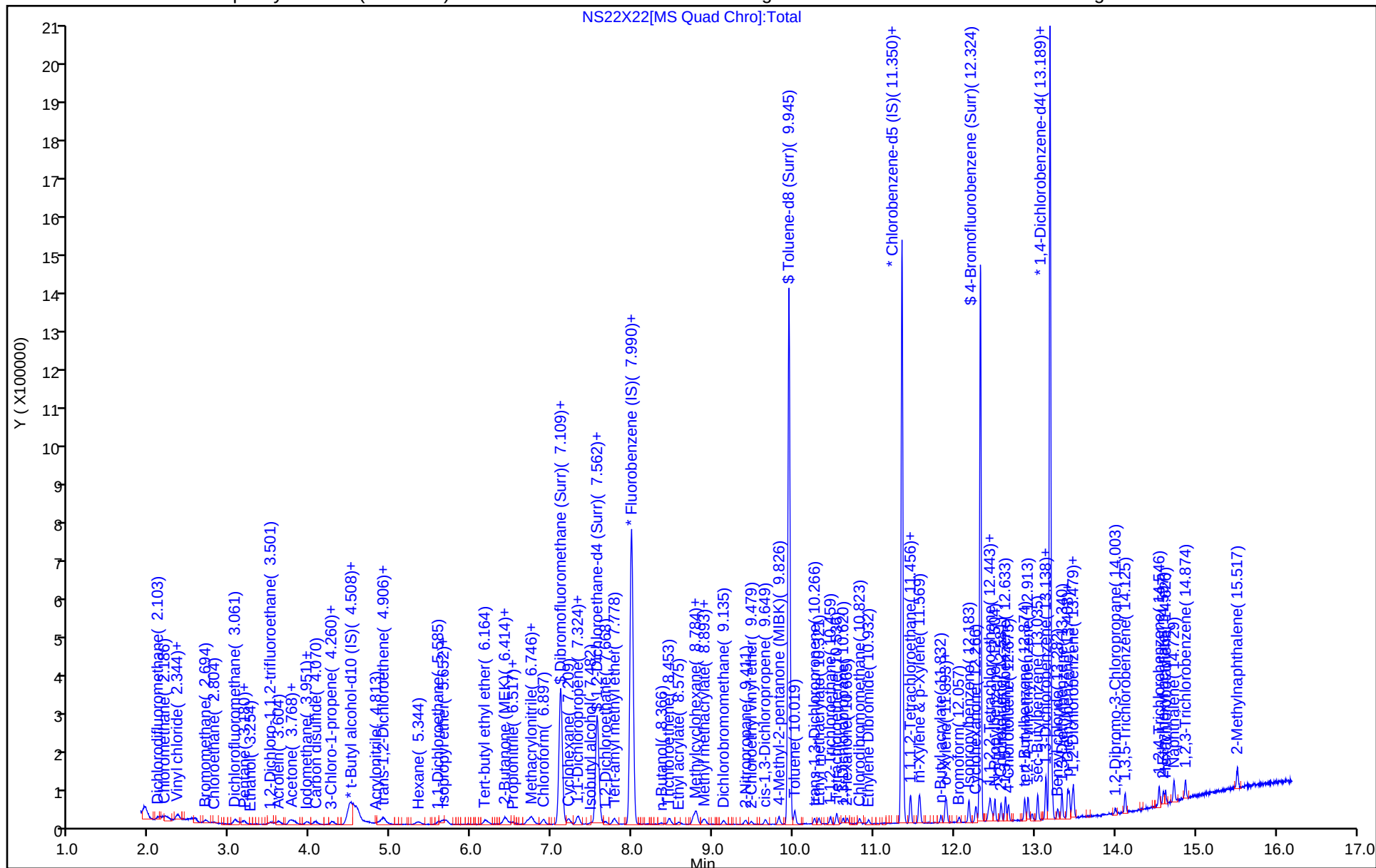
ALS Bottle#: 21

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

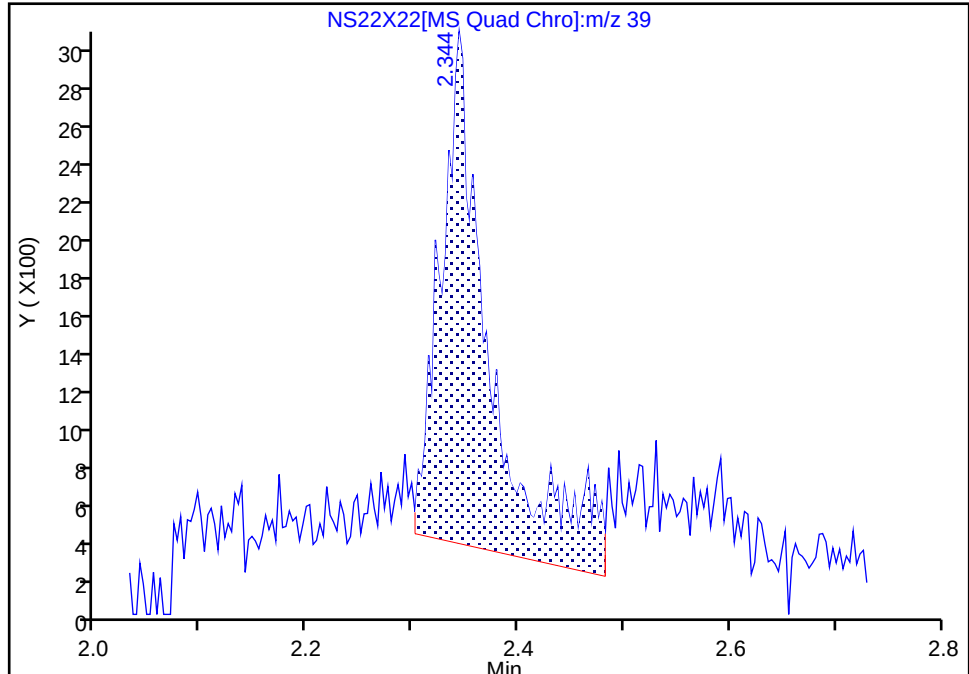
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

5 Butadiene, CAS: 106-99-0

Signal: 1

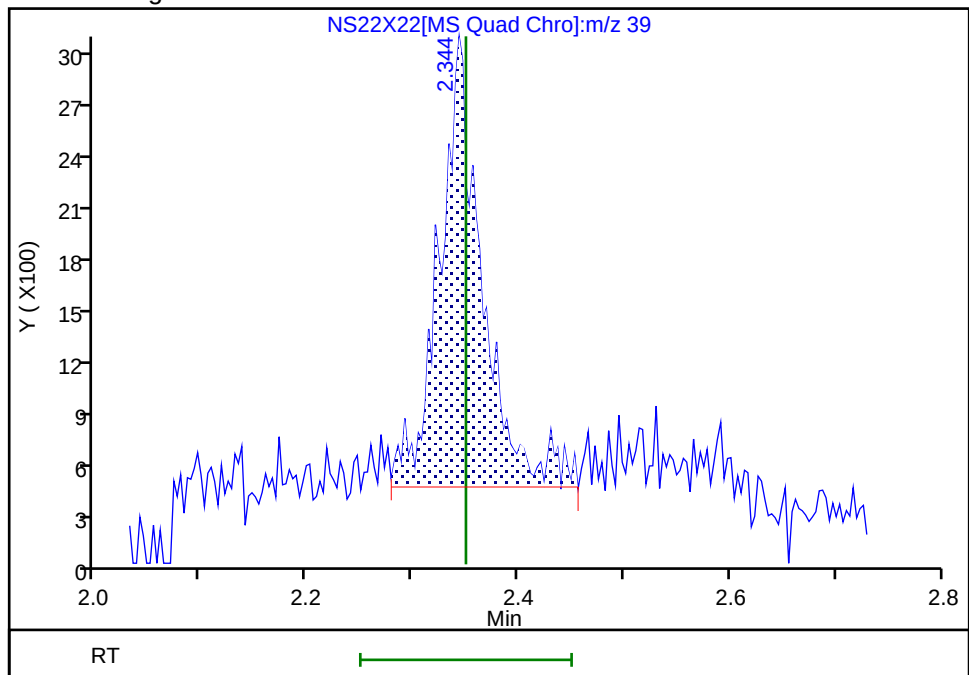
RT: 2.34
Area: 8655
Amount: 1.029816
Amount Units: ug/l

Processing Integration Results



RT: 2.34
Area: 7297
Amount: 0.888749
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:56 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

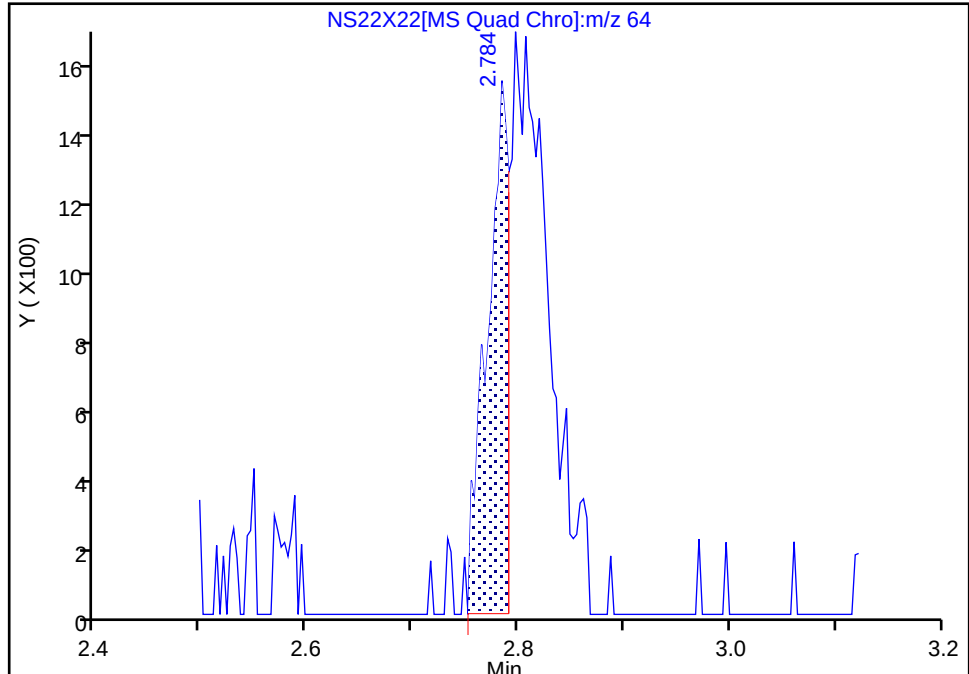
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

9 Chloroethane, CAS: 75-00-3

Signal: 1

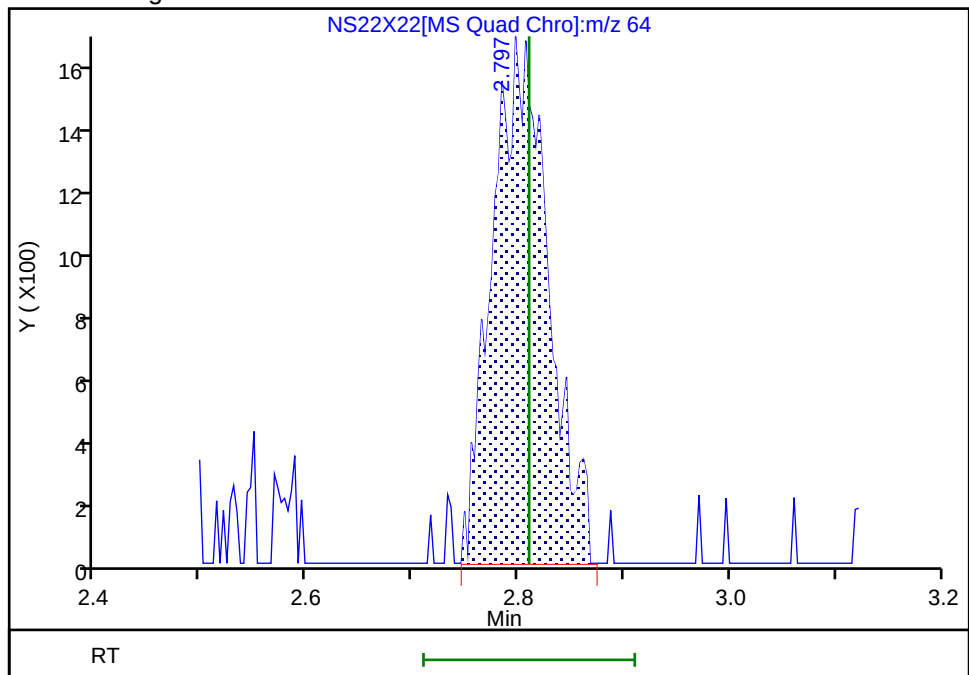
RT: 2.78
Area: 2106
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 2.80
Area: 6062
Amount: 1.026779
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:14:56 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

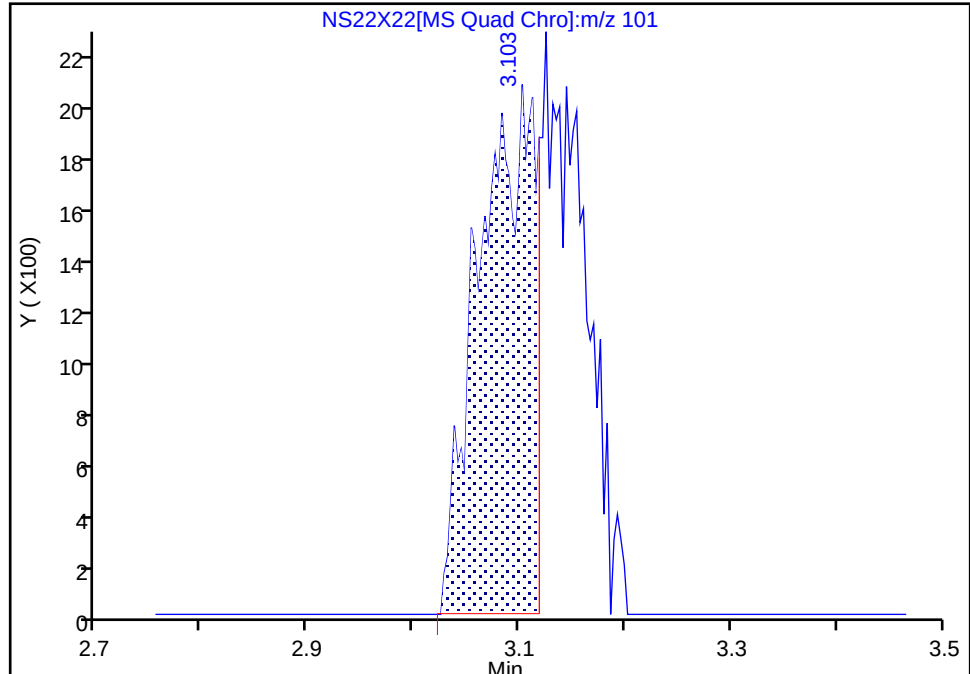
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

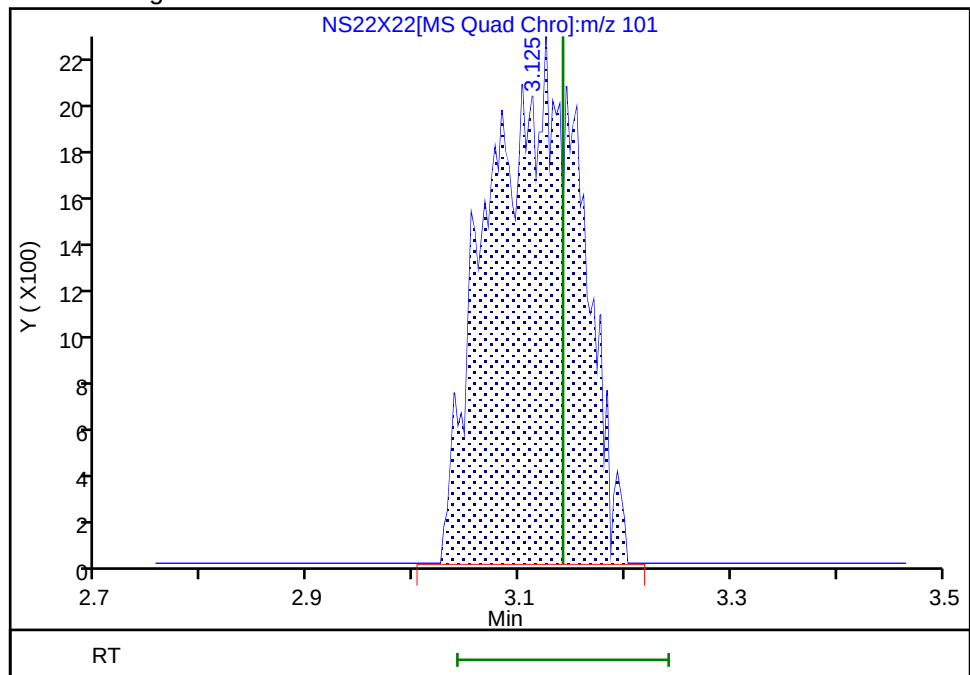
RT: 3.10
Area: 7503
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 13478
Amount: 0.784415
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

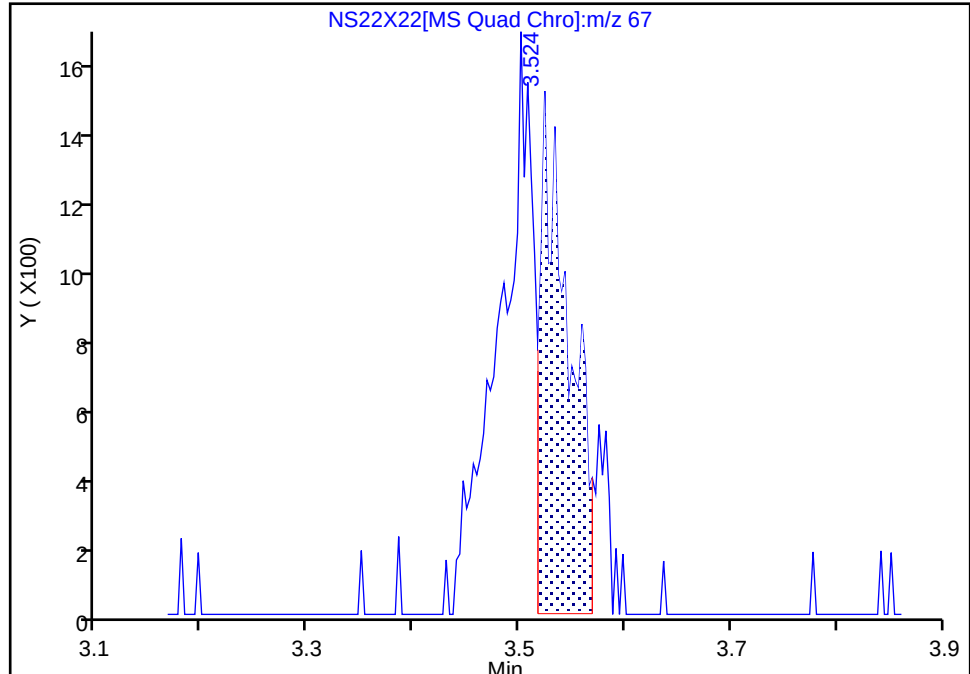
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

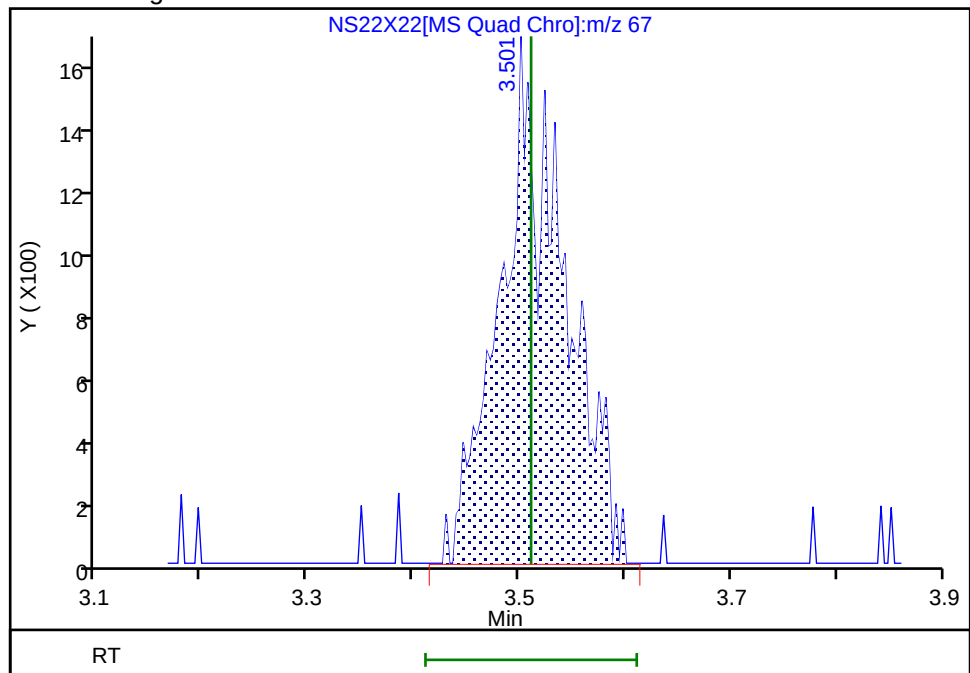
RT: 3.52
Area: 2800
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.50
Area: 6858
Amount: 0.893414
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

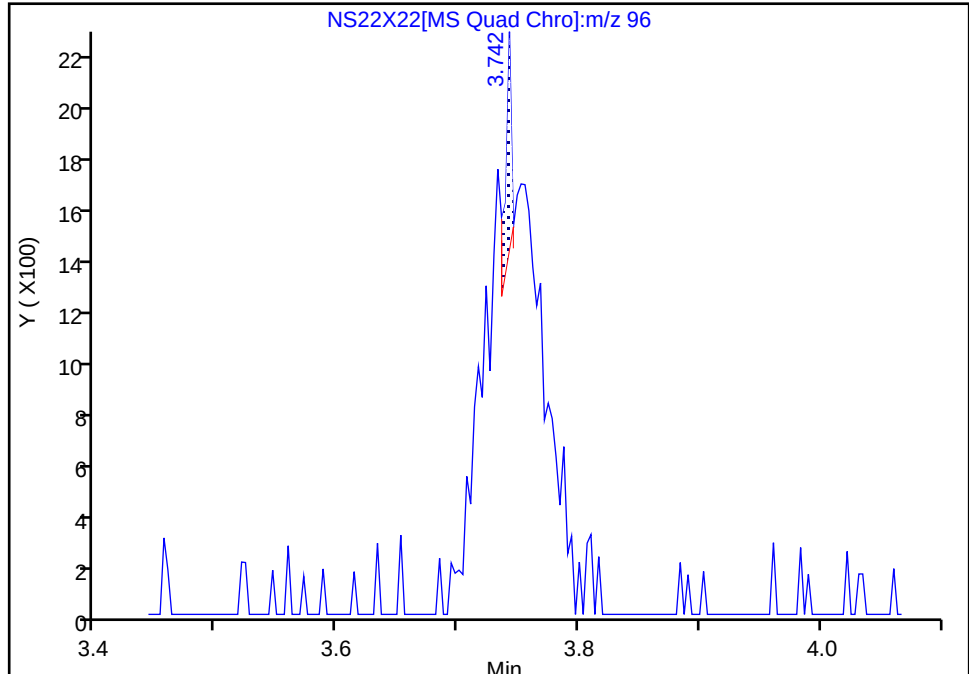
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

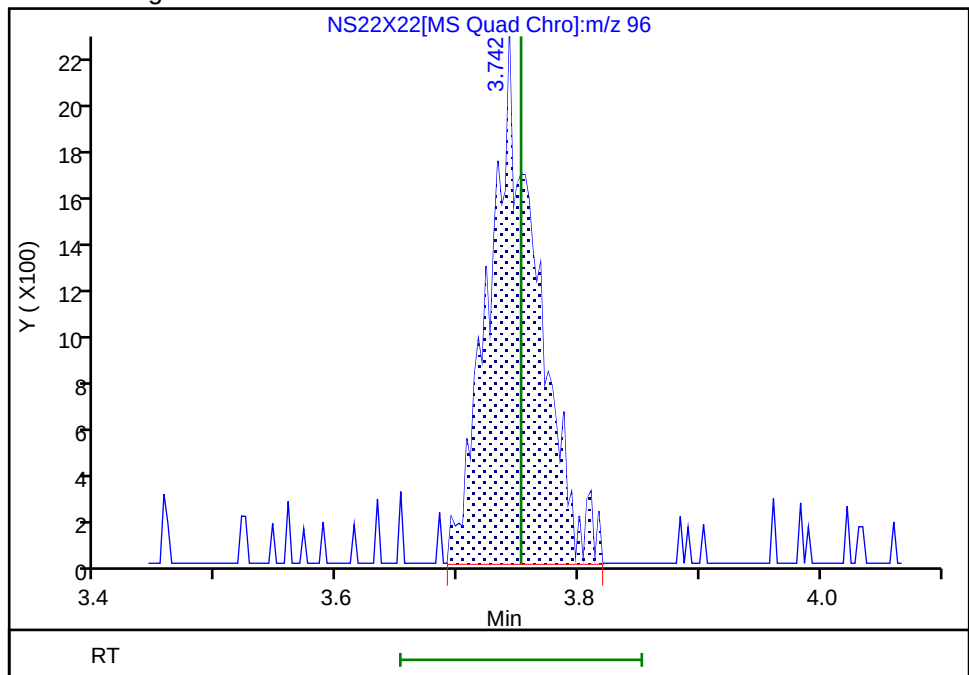
RT: 3.74
Area: 277
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.74
Area: 6345
Amount: 1.073772
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

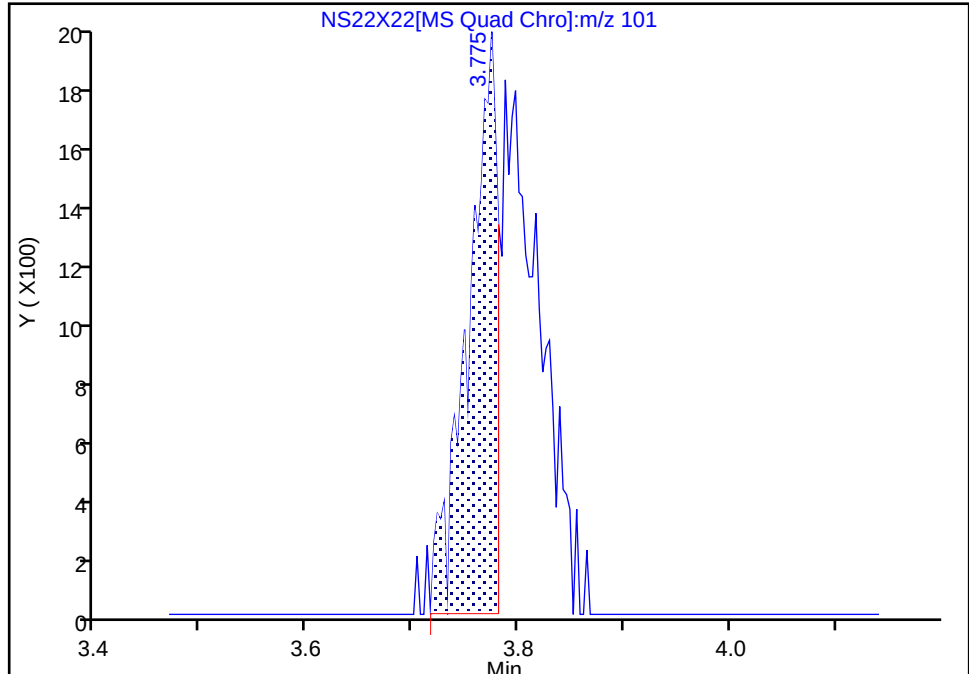
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

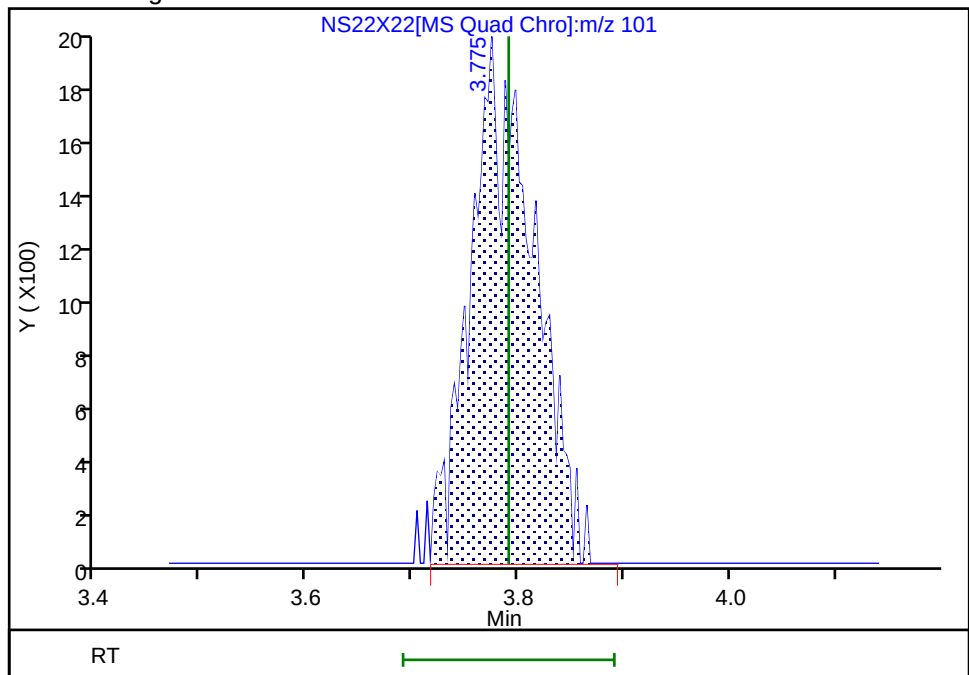
RT: 3.77
Area: 3658
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 3.77
Area: 8016
Amount: 0.937706
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

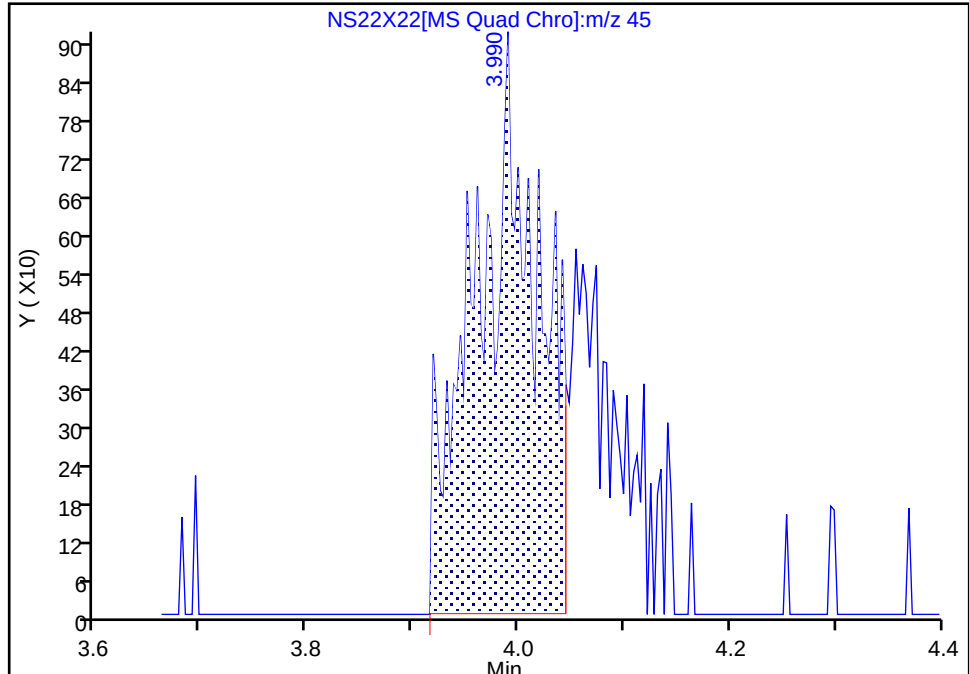
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

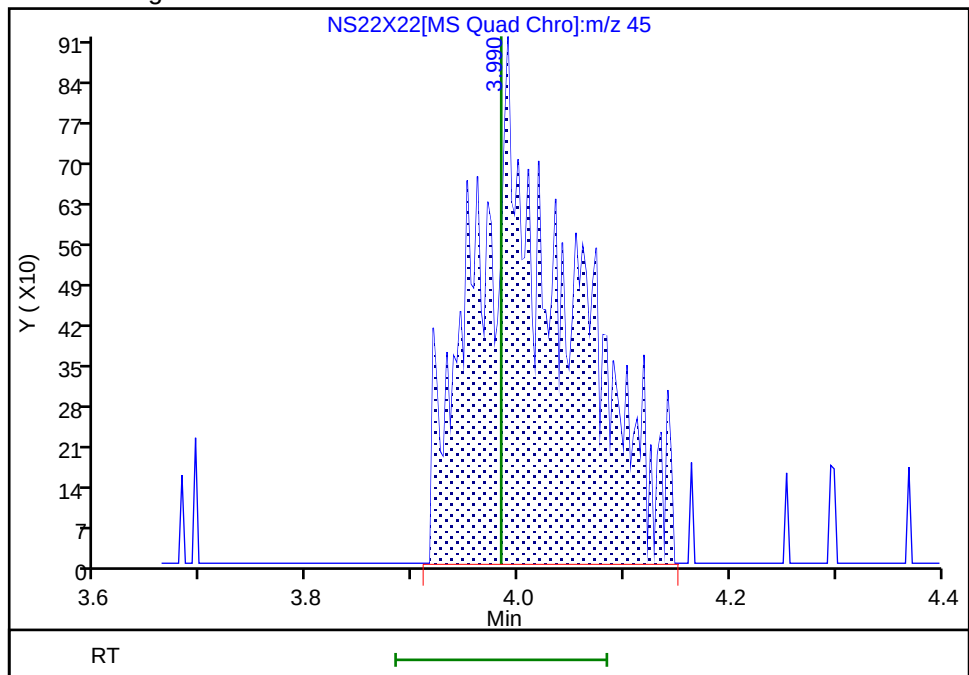
RT: 3.99
Area: 3704
Amount: 4.628023
Amount Units: ug/l

Processing Integration Results



RT: 3.99
Area: 5472
Amount: 6.195694
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

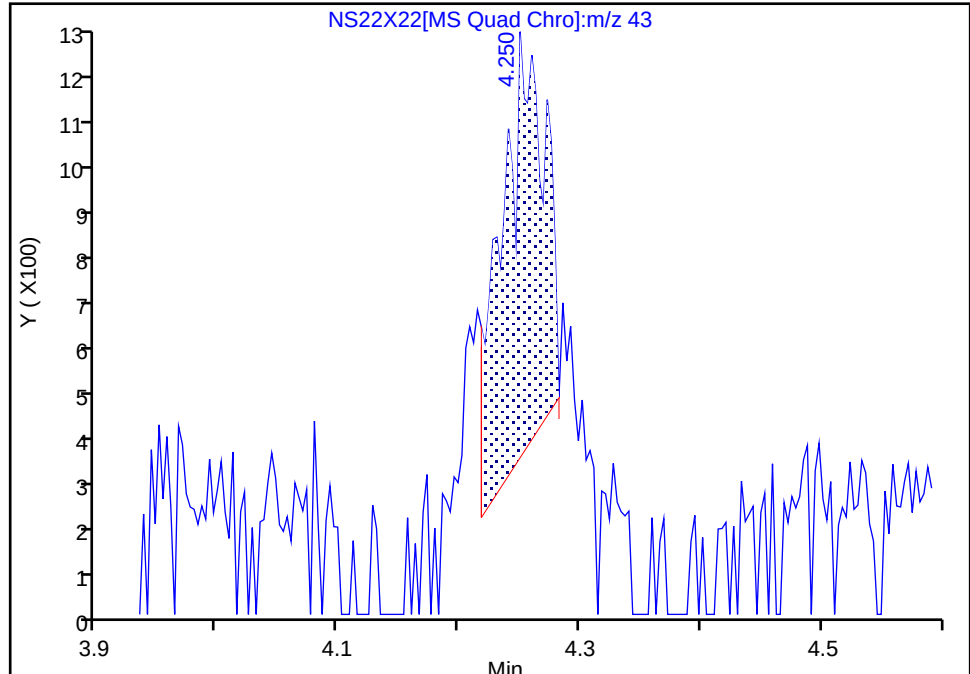
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

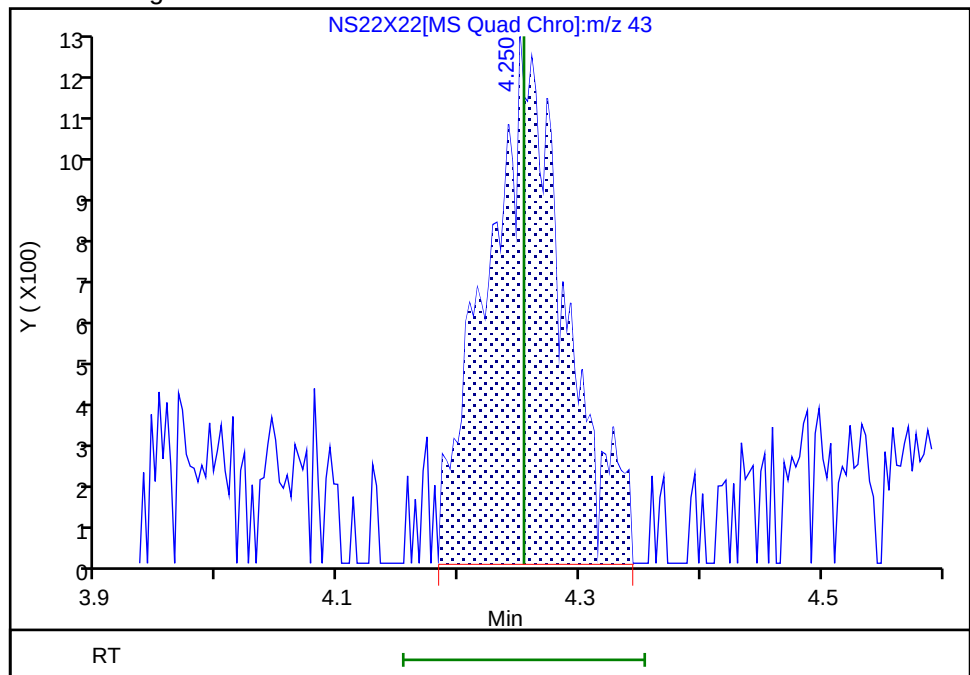
RT: 4.25
Area: 2244
Amount: 0.541538
Amount Units: ug/l

Processing Integration Results



RT: 4.25
Area: 5543
Amount: 1.244370
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

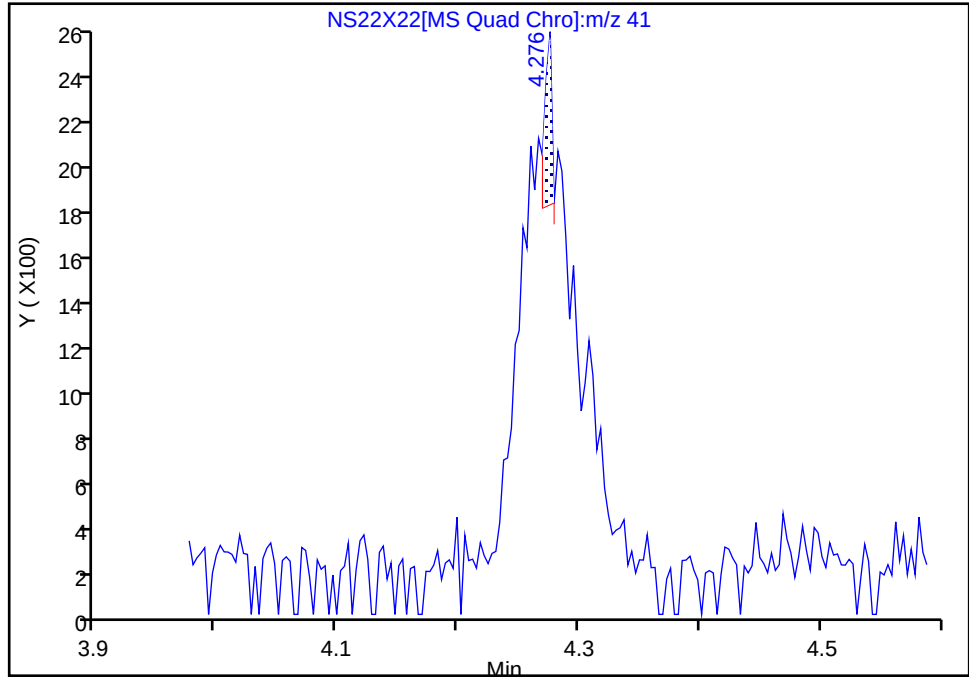
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

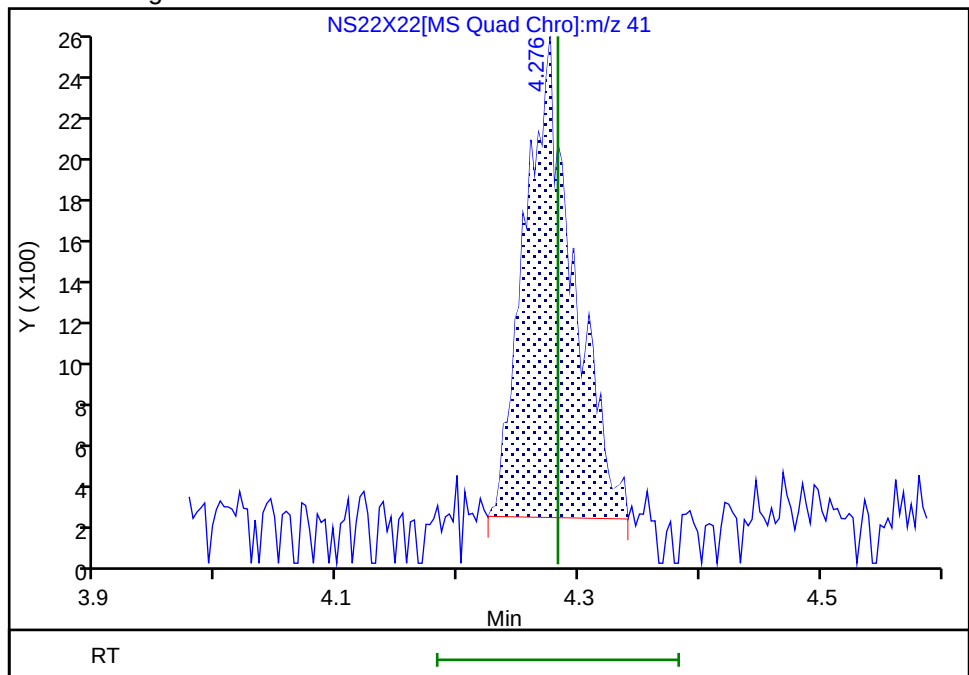
RT: 4.28
Area: 298
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.28
Area: 6480
Amount: 0.939677
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

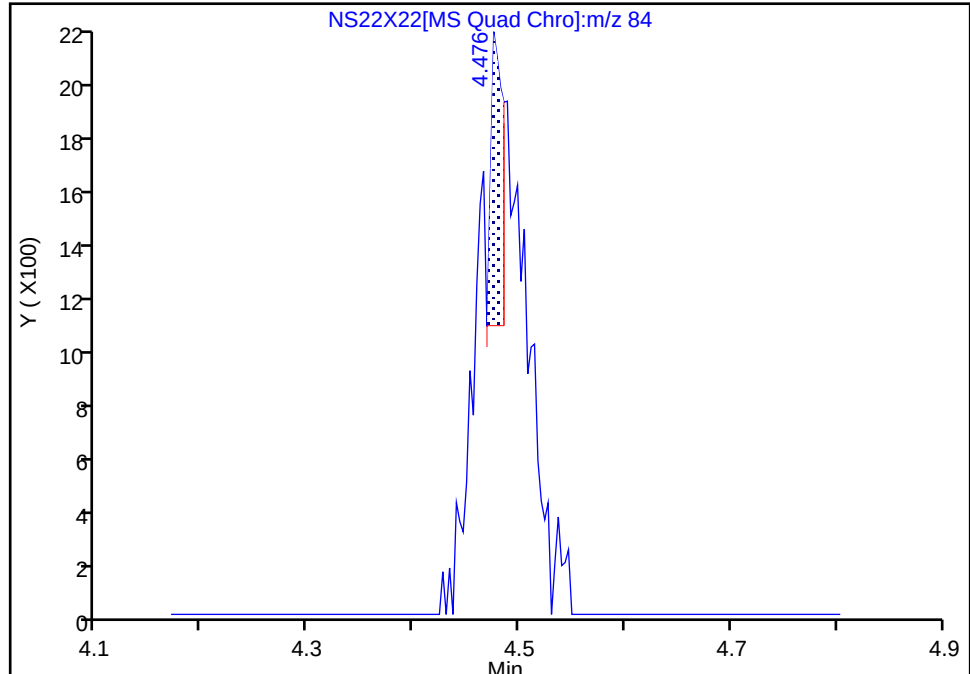
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

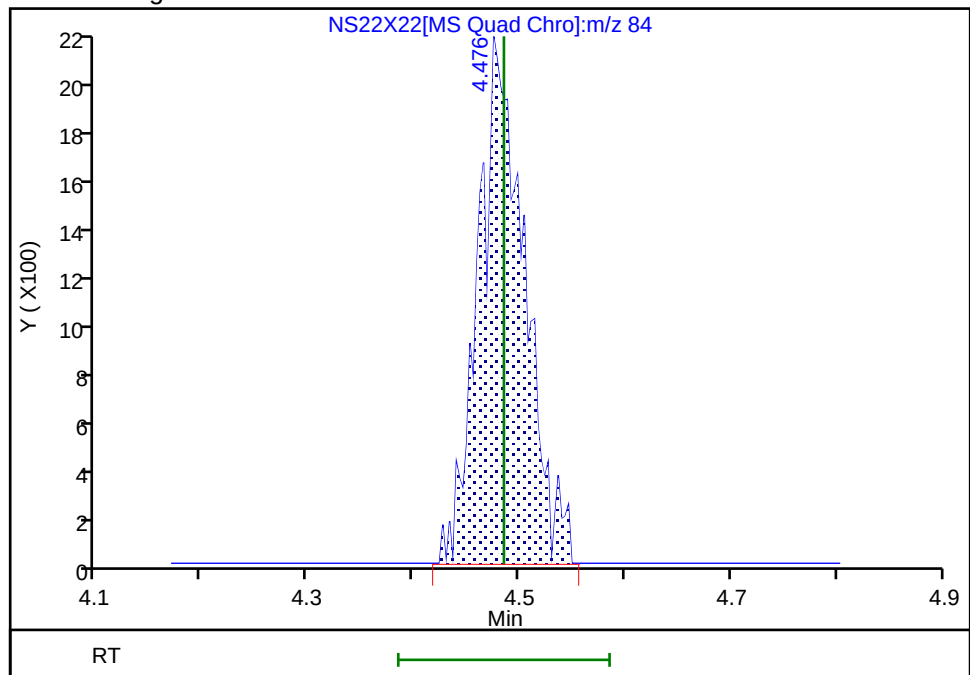
RT: 4.48
Area: 835
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.48
Area: 6449
Amount: 0.998386
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

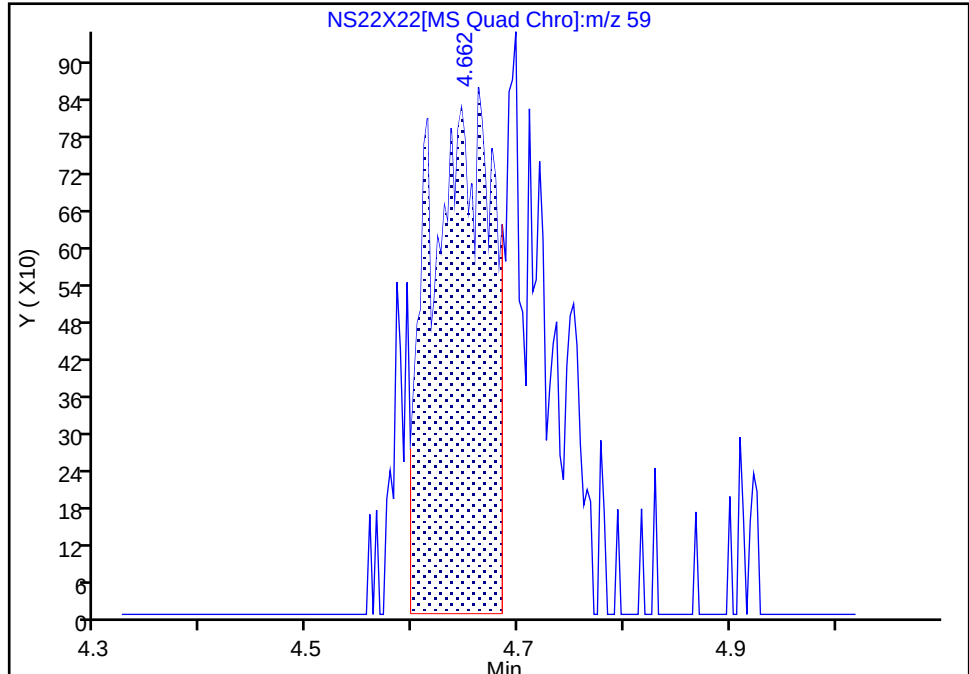
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

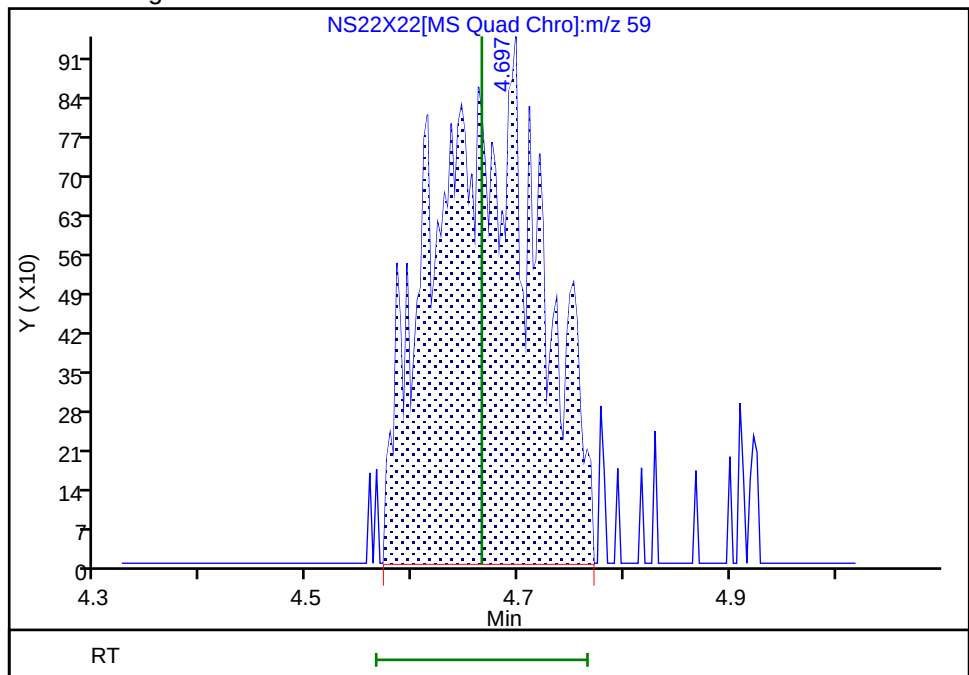
RT: 4.66
Area: 3459
Amount: 5.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.70
Area: 6331
Amount: 4.904764
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

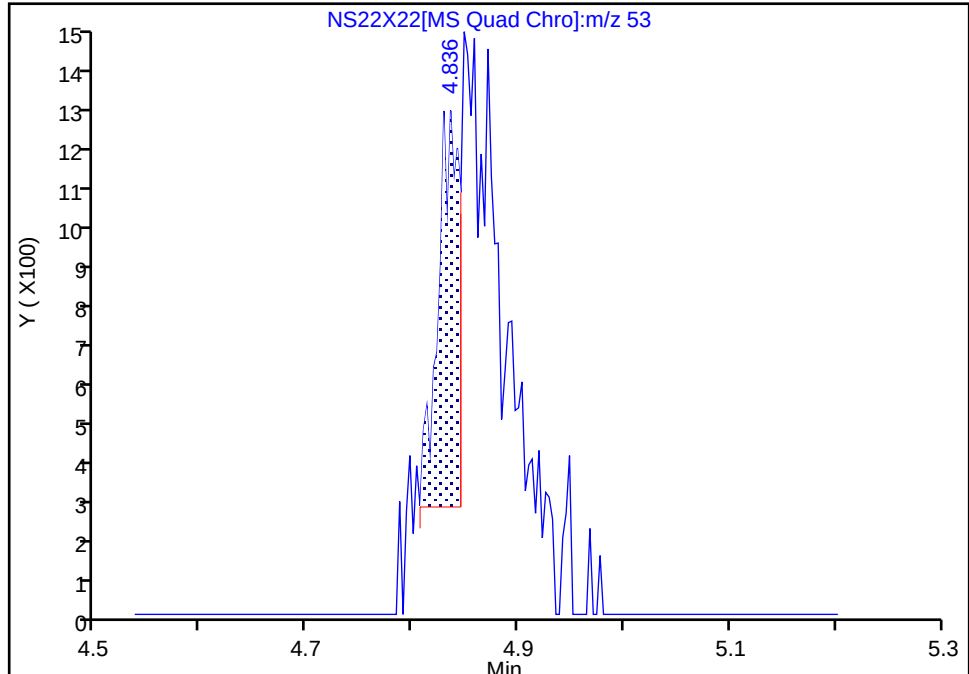
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 Acrylonitrile, CAS: 107-13-1

Signal: 1

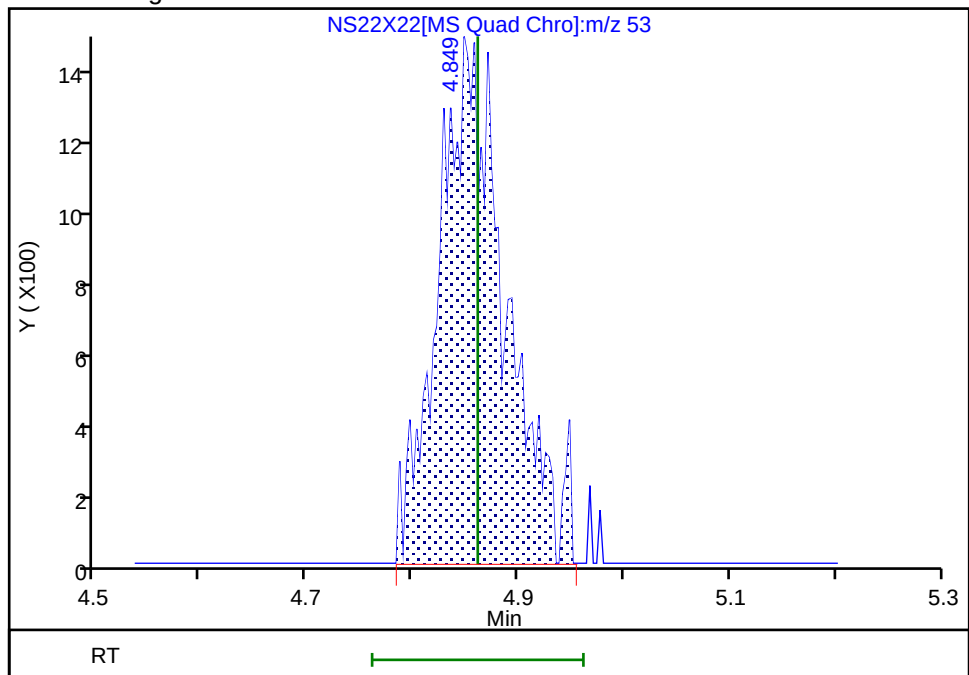
RT: 4.84
Area: 1385
Amount: 2.500000
Amount Units: ug/l

Processing Integration Results



RT: 4.85
Area: 6457
Amount: 2.592786
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:43 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

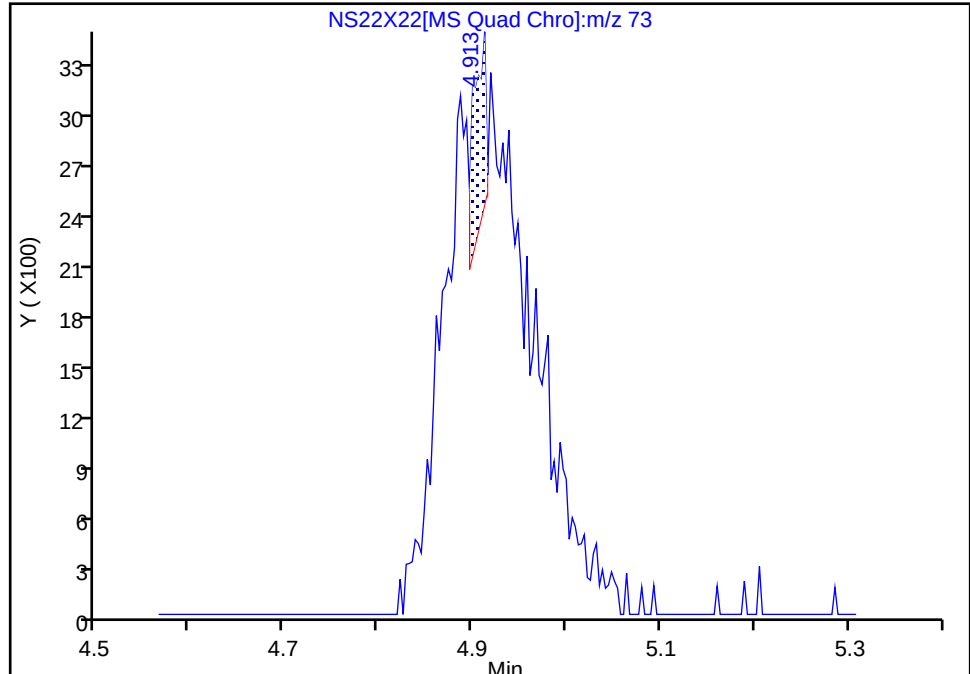
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

32 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

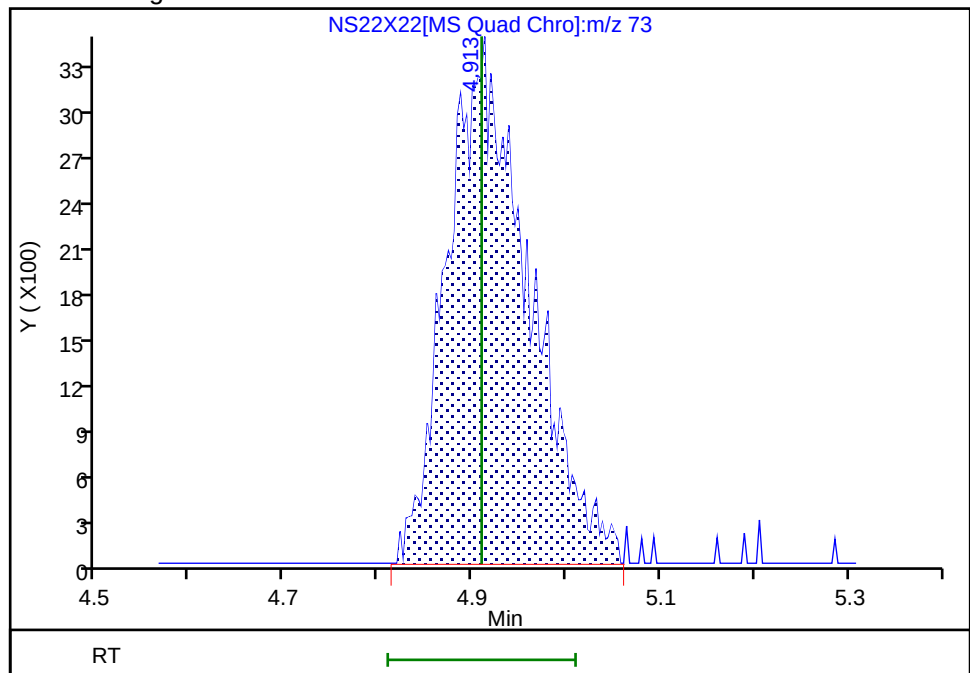
RT: 4.91
Area: 1018
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.91
Area: 20566
Amount: 1.018326
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:53 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

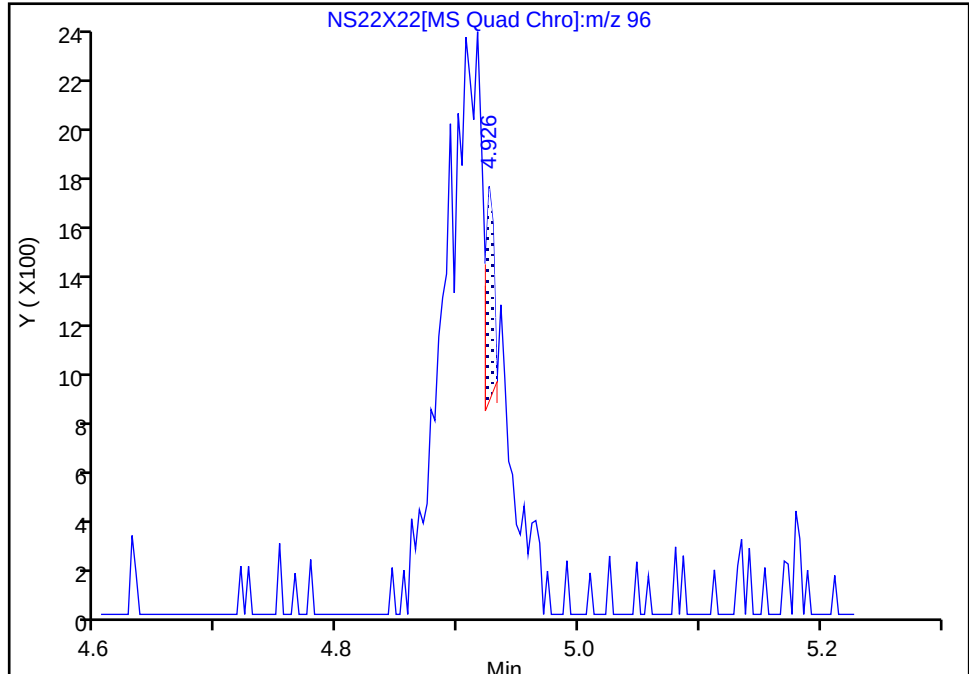
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

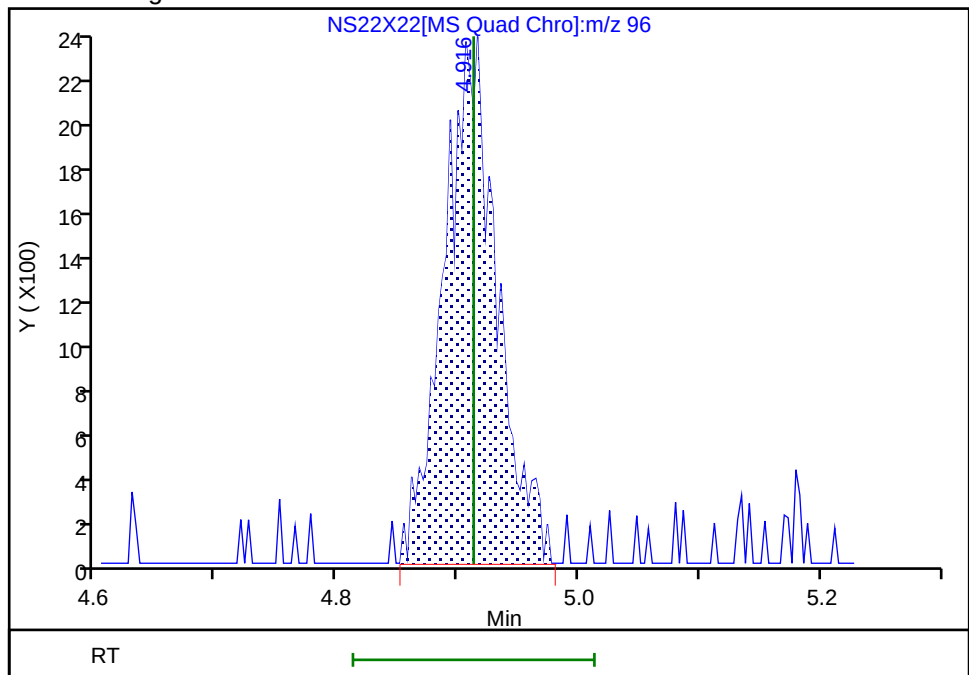
RT: 4.93
Area: 404
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 6980
Amount: 1.058953
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:48 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

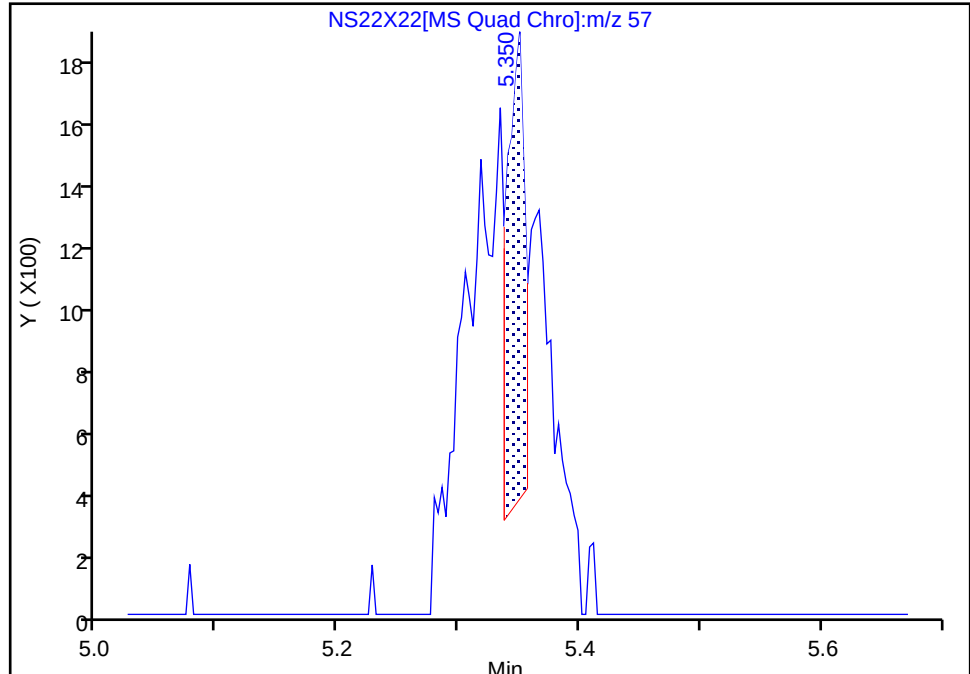
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

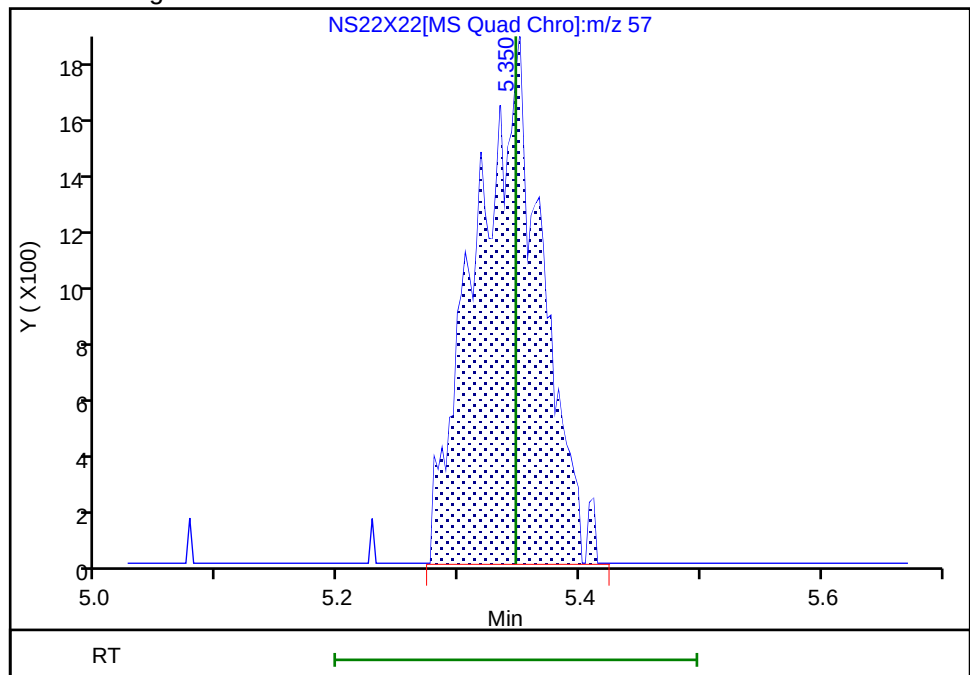
RT: 5.35
Area: 1536
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.35
Area: 7196
Amount: 0.967193
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:15:58 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

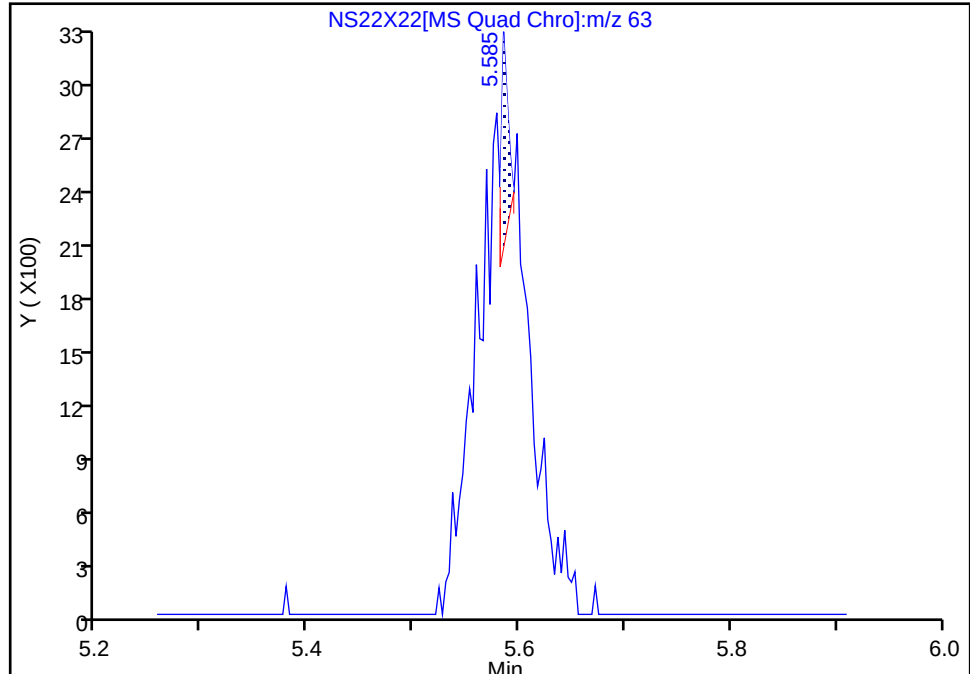
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

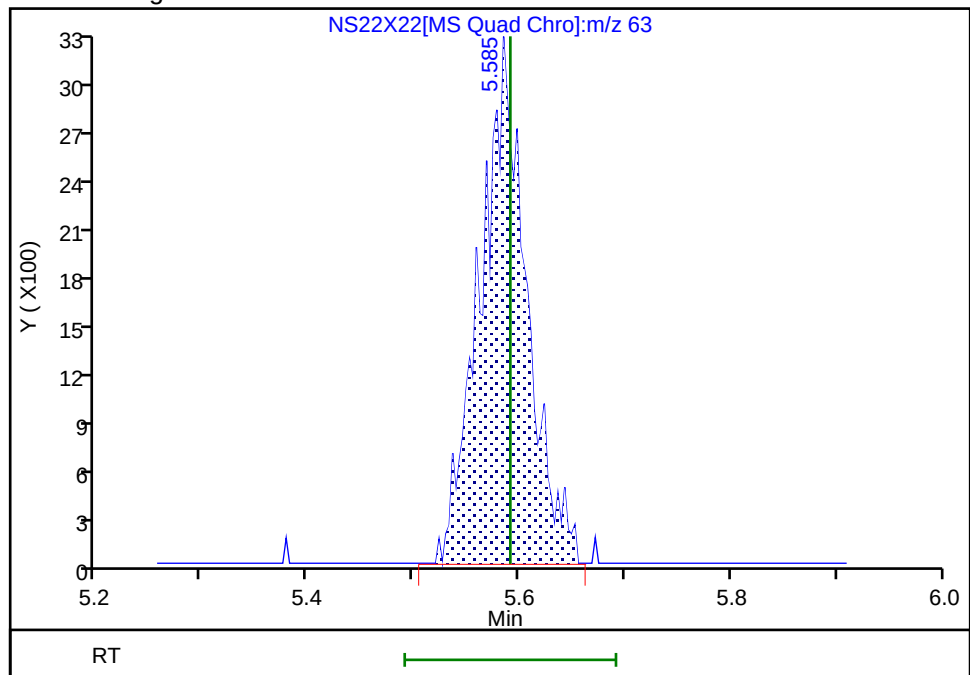
RT: 5.58
Area: 532
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.58
Area: 9873
Amount: 0.991479
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

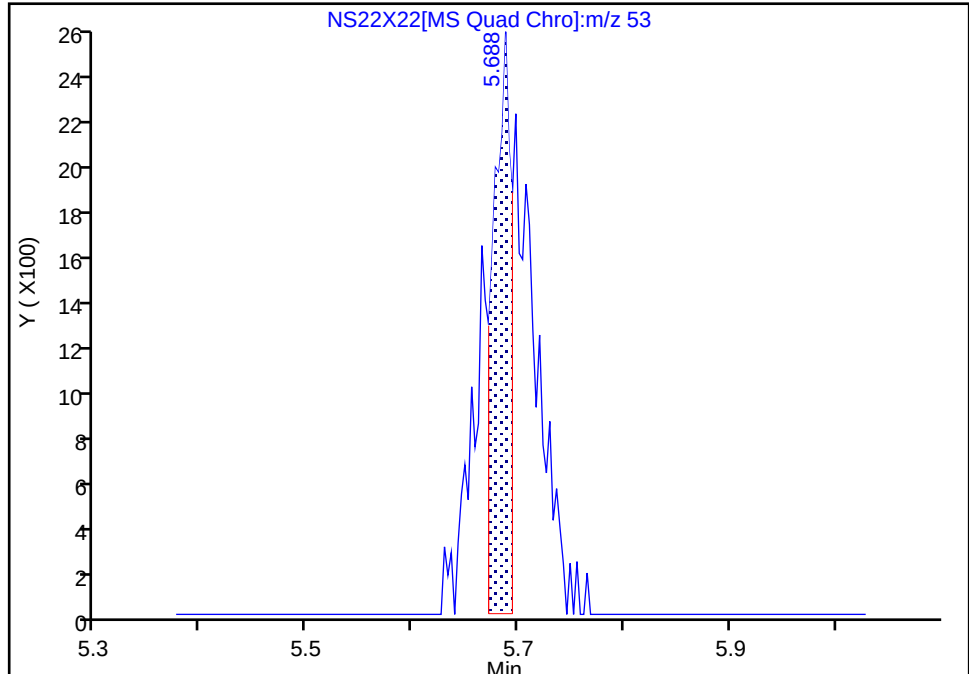
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

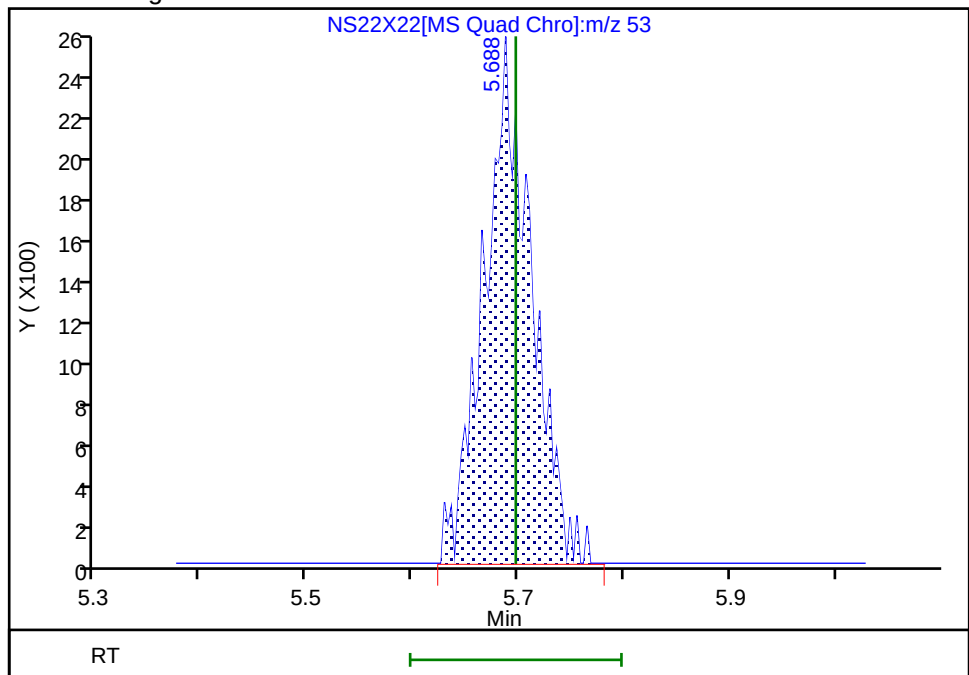
RT: 5.69
Area: 2959
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 5.69
Area: 7804
Amount: 0.936319
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:08 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

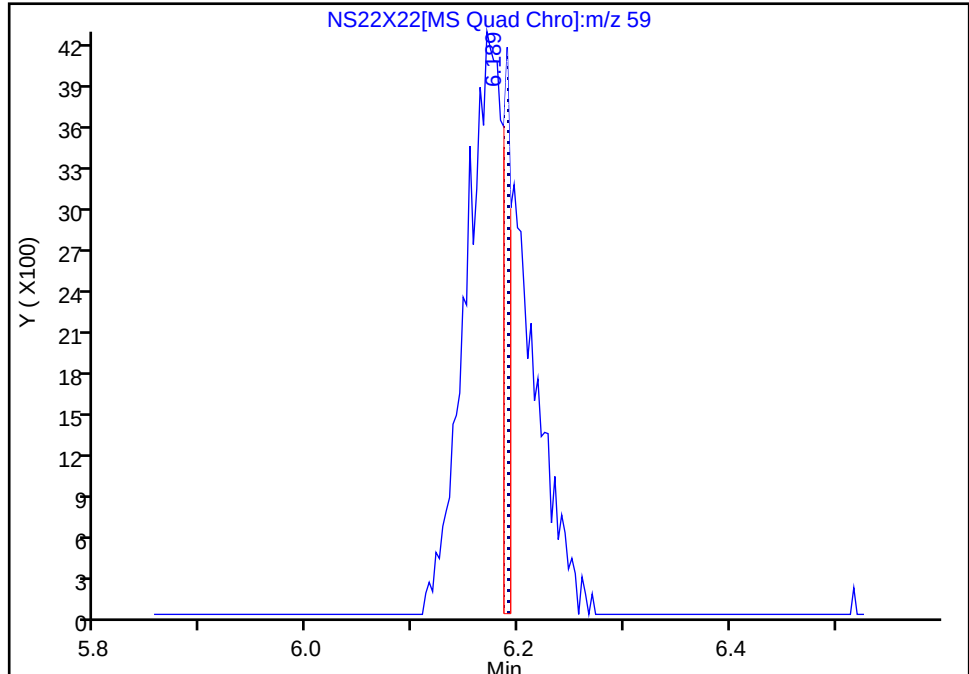
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

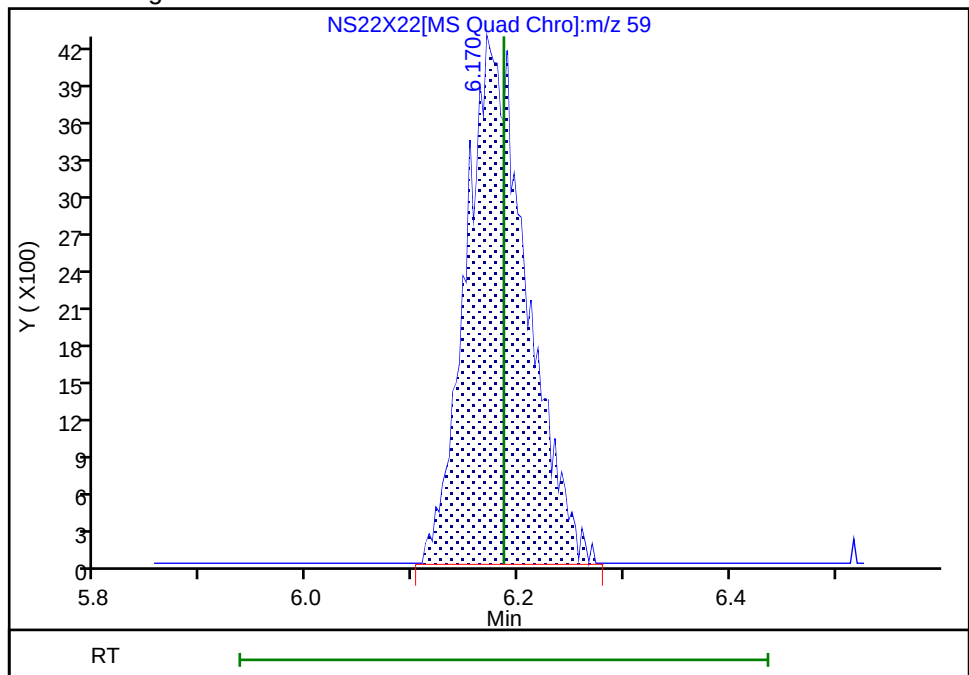
RT: 6.19
Area: 2062
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 6.17
Area: 16924
Amount: 0.946169
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

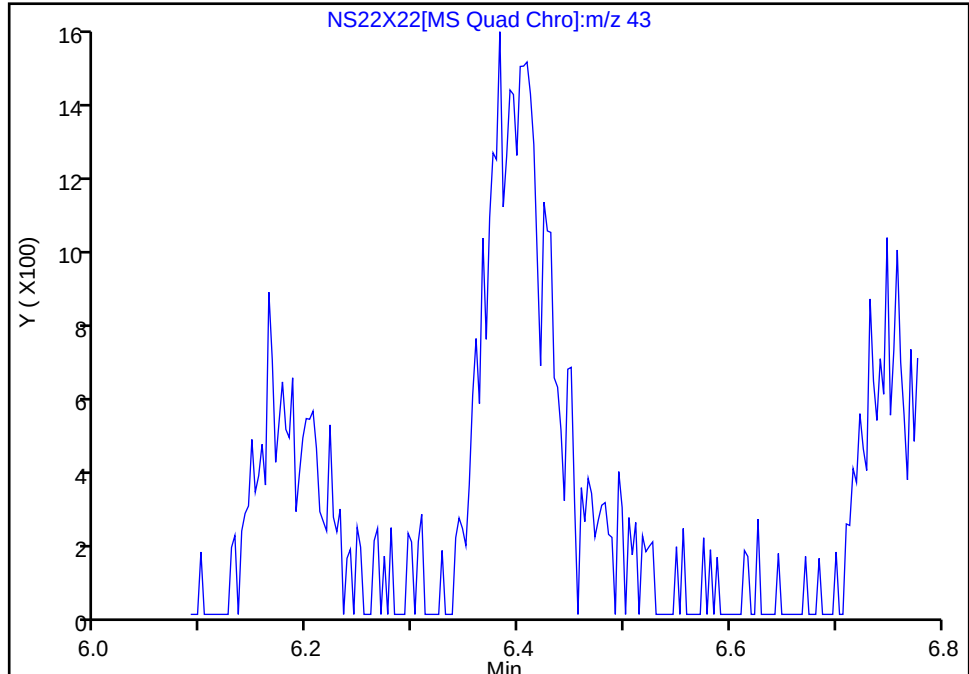
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

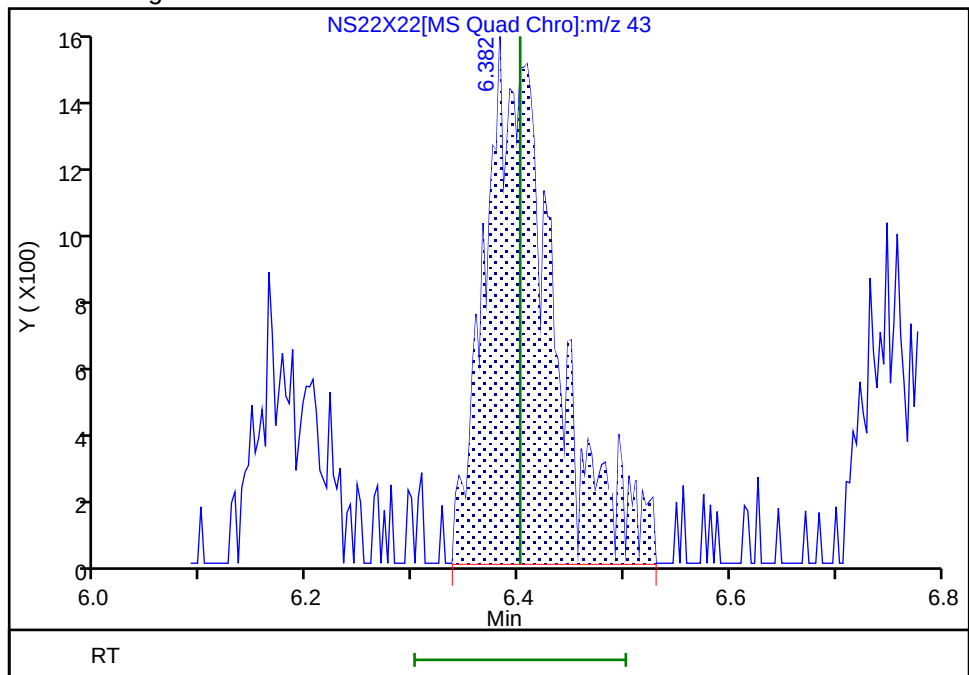
Not Detected
Expected RT: 6.40

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 7058
Amount: 2.209161
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:15:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

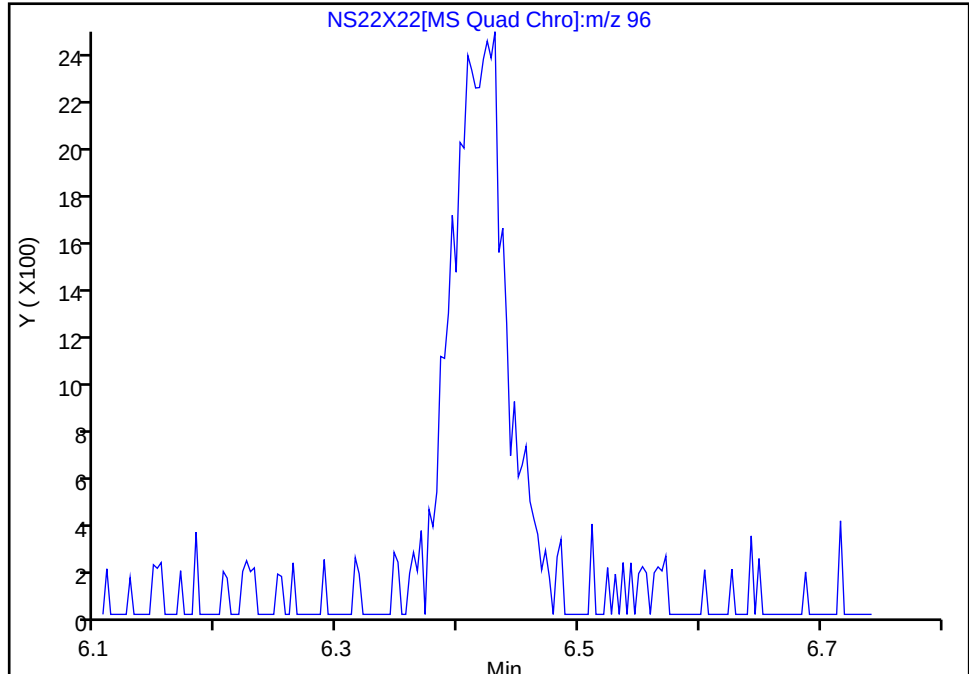
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

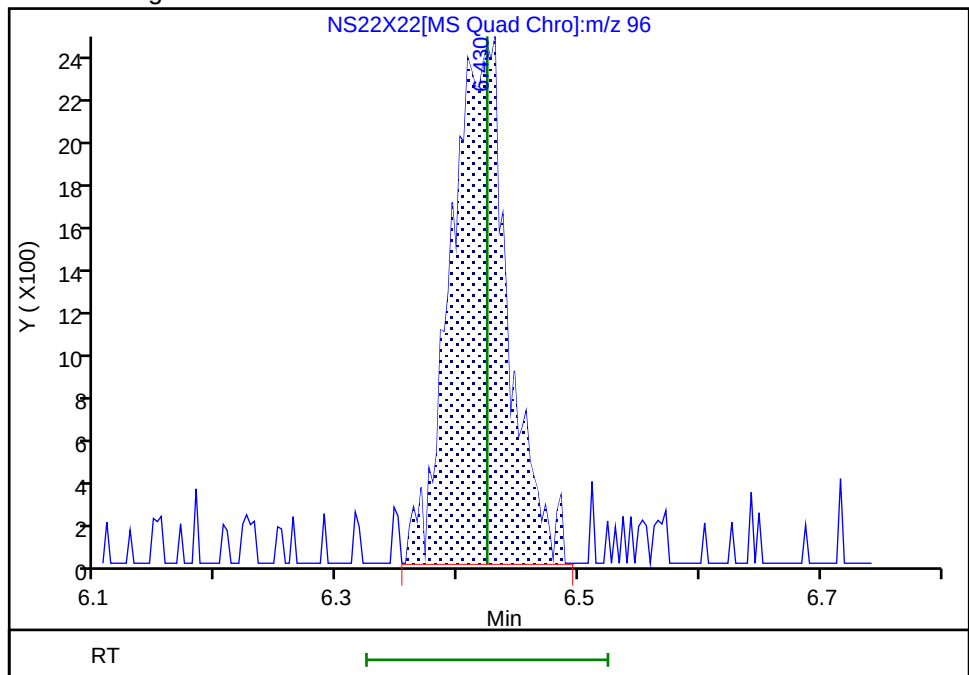
Signal: 1

Not Detected
Expected RT: 6.42

Processing Integration Results



Manual Integration Results



RT: 6.43
Area: 8002
Amount: 1.057554
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:15:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

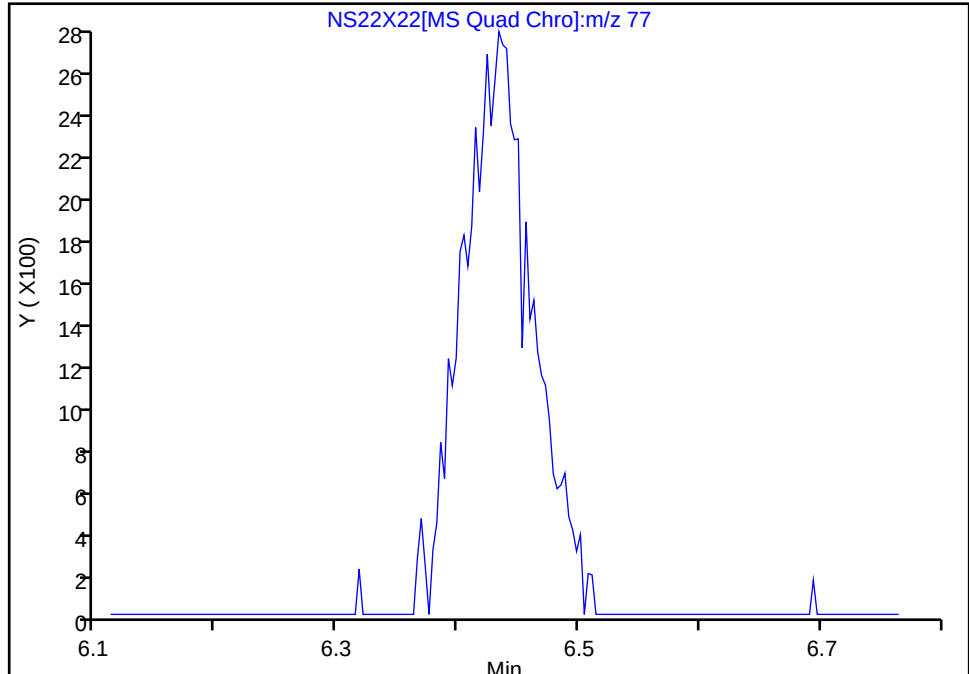
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

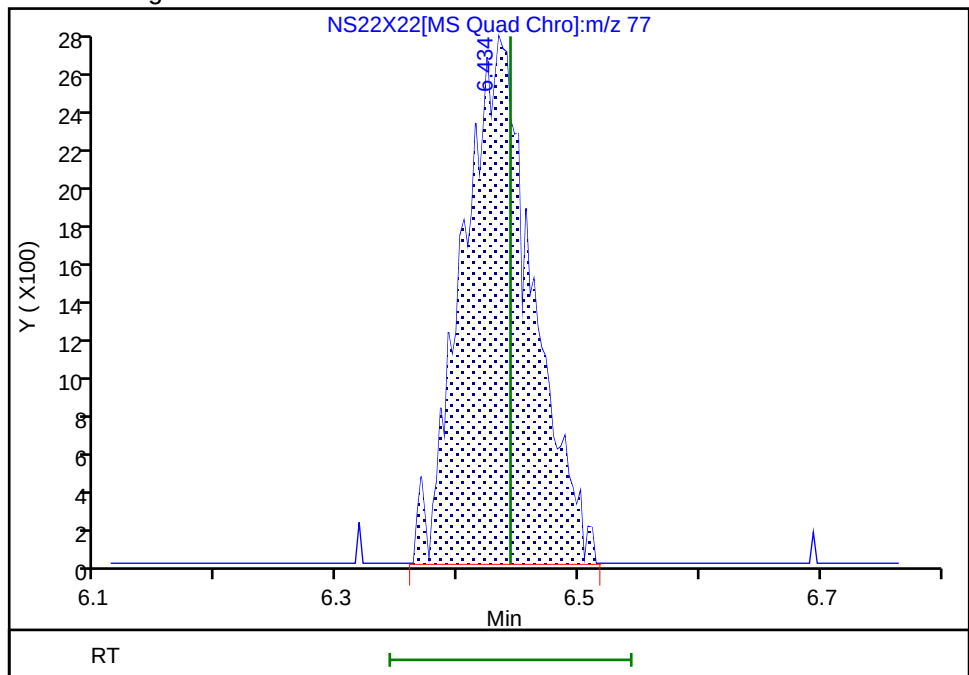
Signal: 1

Not Detected
Expected RT: 6.44

Processing Integration Results



Manual Integration Results



RT: 6.43
Area: 11085
Amount: 0.991667
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:15:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

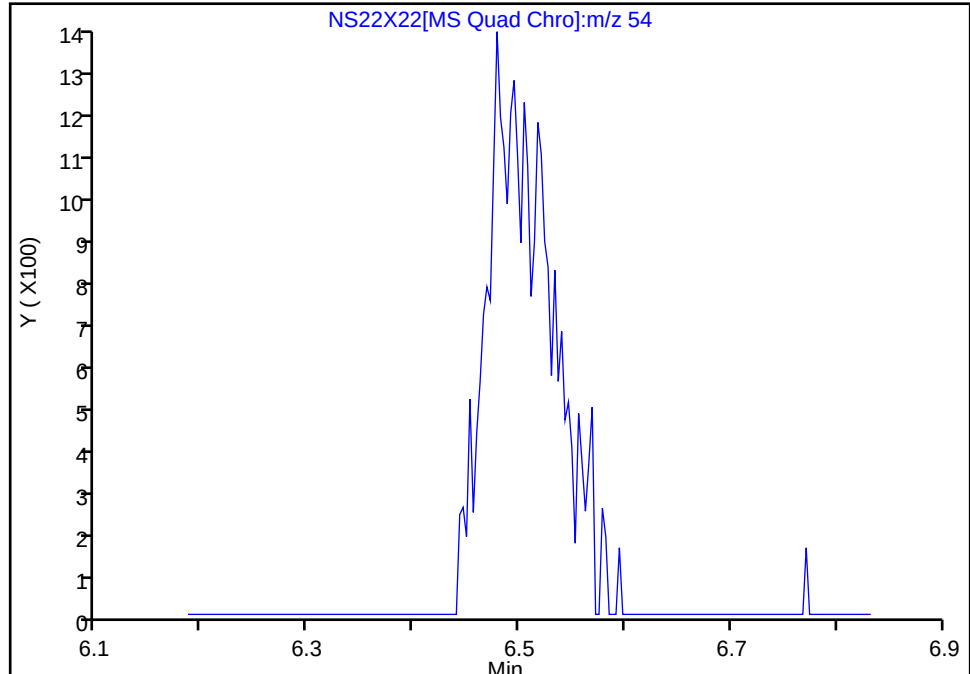
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

44 Propionitrile, CAS: 107-12-0

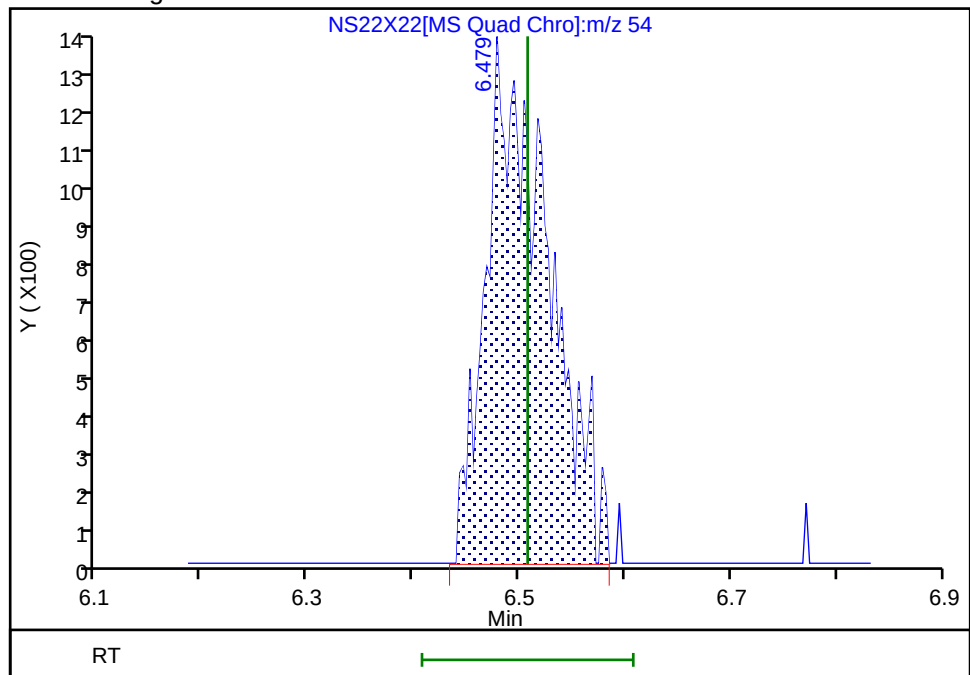
Signal: 1

Not Detected
Expected RT: 6.51

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

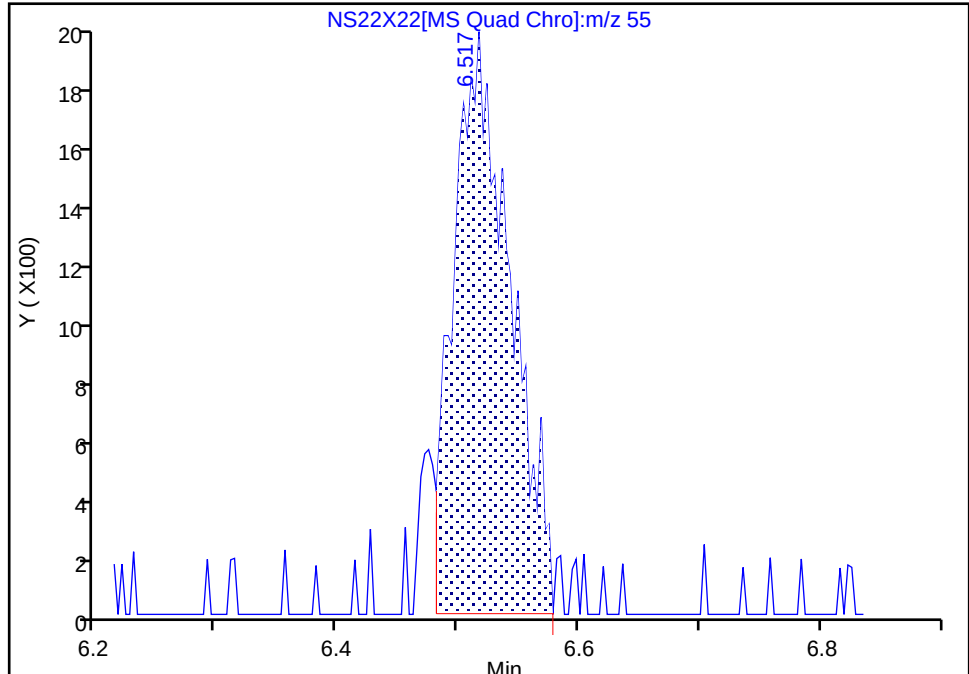
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

45 Methyl acrylate, CAS: 96-33-3

Signal: 1

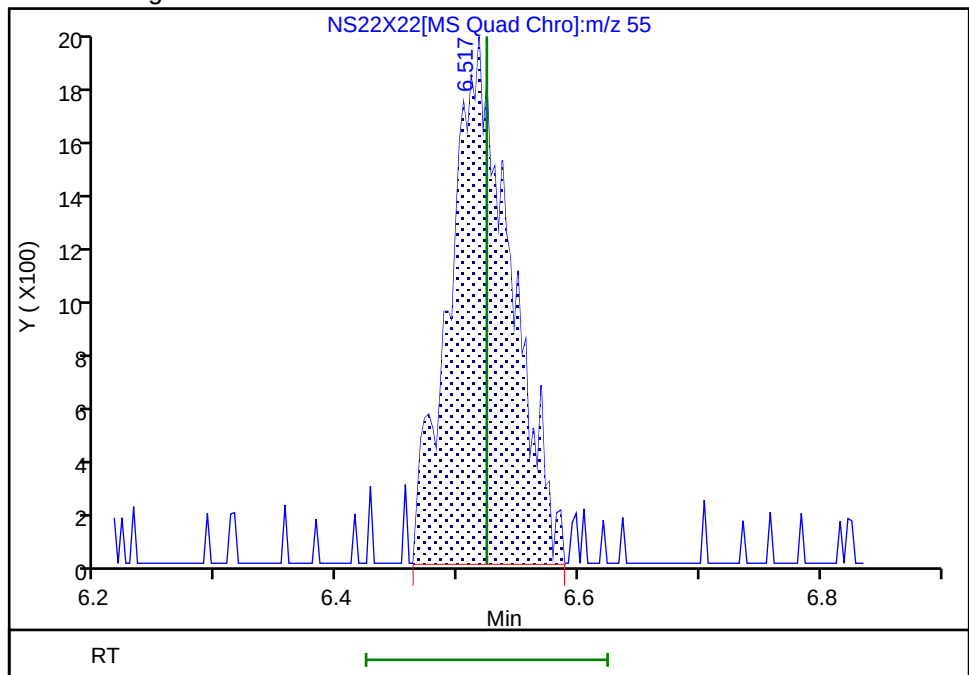
RT: 6.52
Area: 6245
Amount: 0.950752
Amount Units: ug/l

Processing Integration Results



RT: 6.52
Area: 6752
Amount: 1.016730
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:17:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

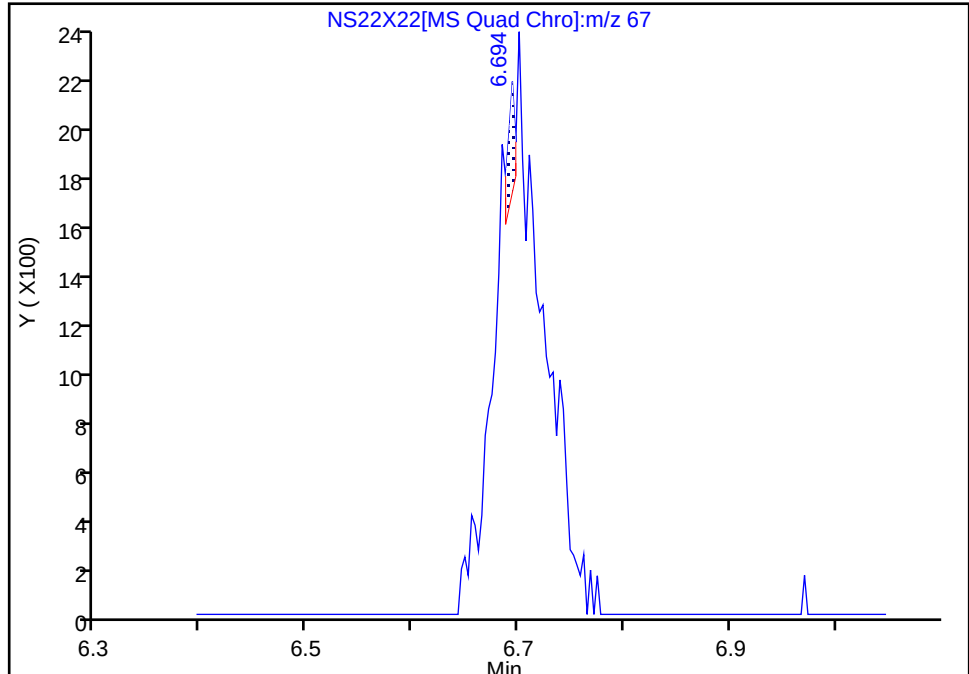
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

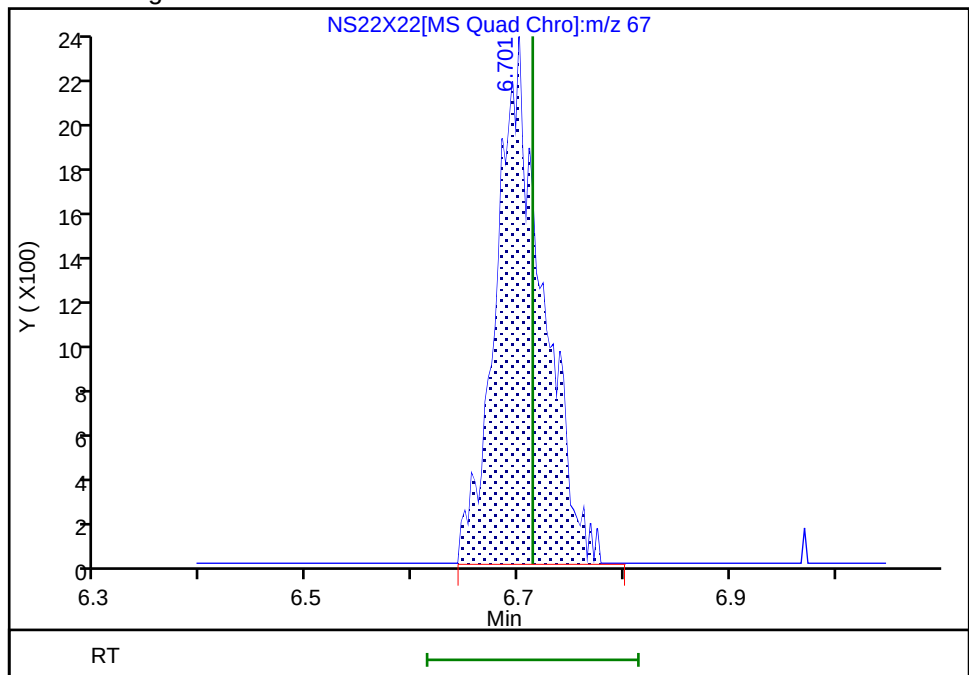
RT: 6.69
Area: 211
Amount: 2.500000
Amount Units: ug/l

Processing Integration Results



RT: 6.70
Area: 7087
Amount: 2.610926
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:21 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

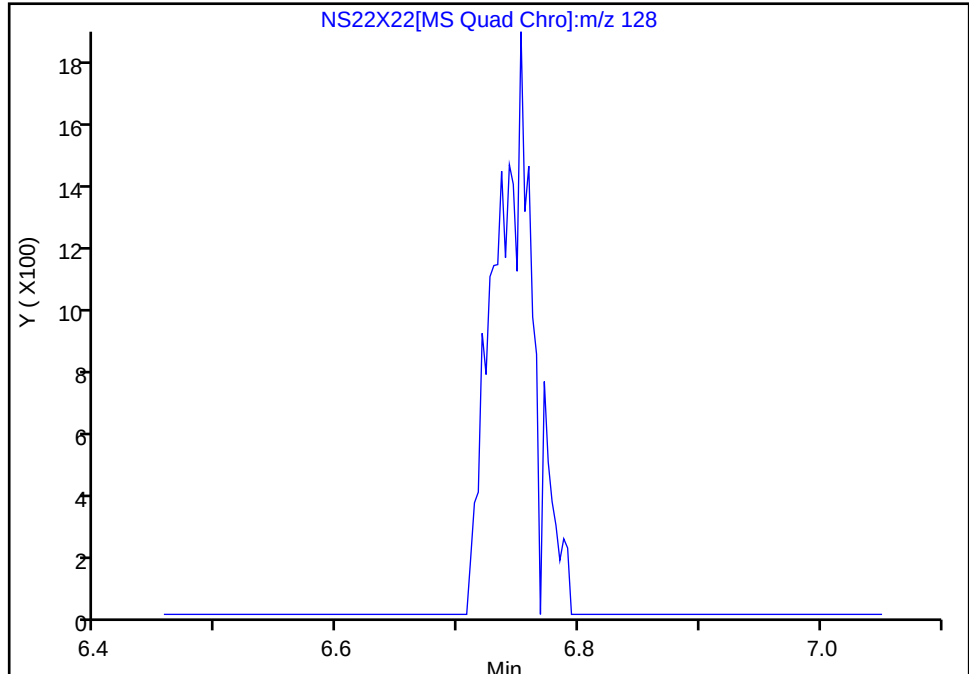
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

47 Chlorobromomethane, CAS: 74-97-5

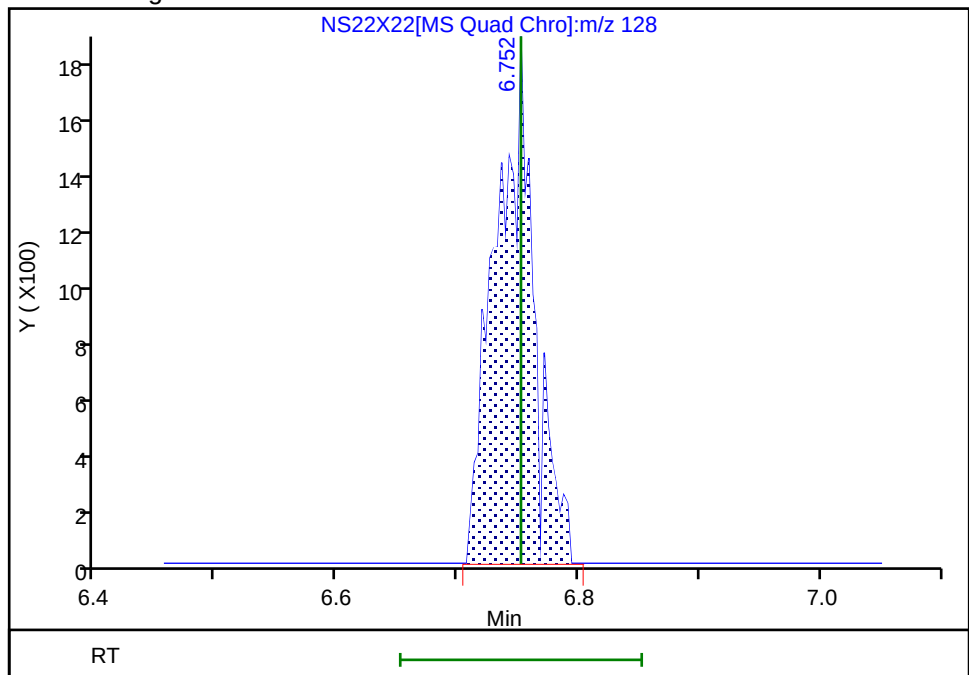
Signal: 1

Not Detected
Expected RT: 6.75

Processing Integration Results



Manual Integration Results



RT: 6.75
Area: 4033
Amount: 0.977367
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:15:45 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

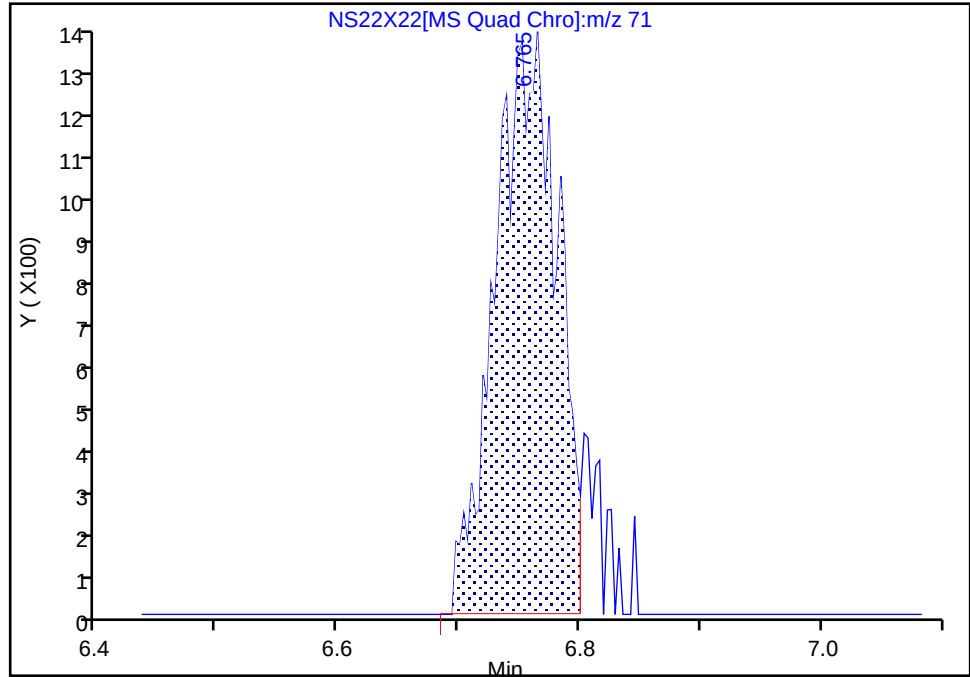
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

48 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

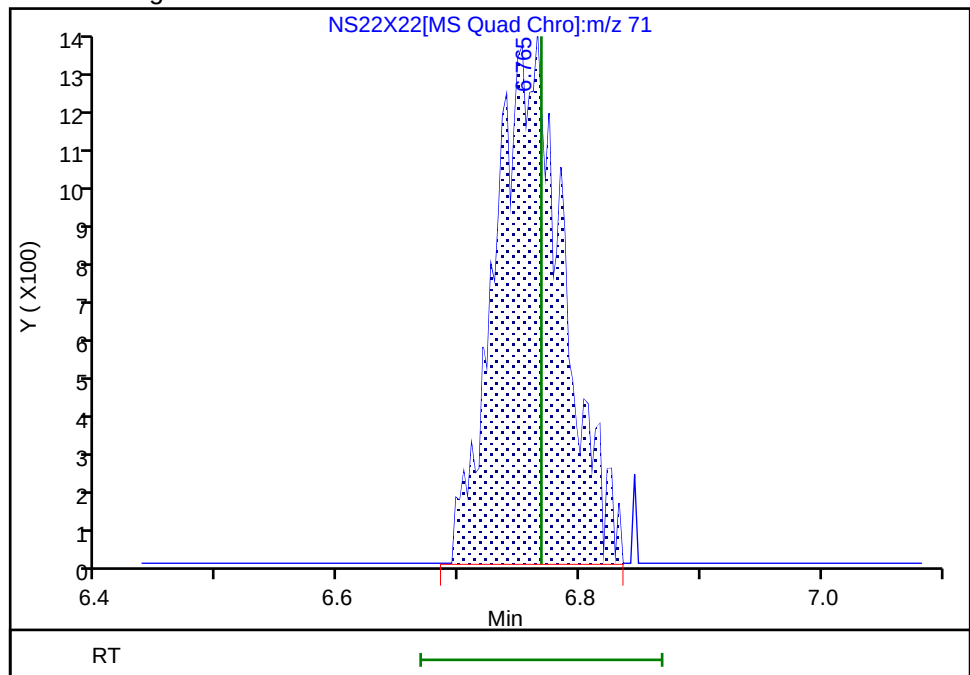
RT: 6.76
Area: 4869
Amount: 4.729982
Amount Units: ug/l

Processing Integration Results



RT: 6.76
Area: 5334
Amount: 5.153963
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:15:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

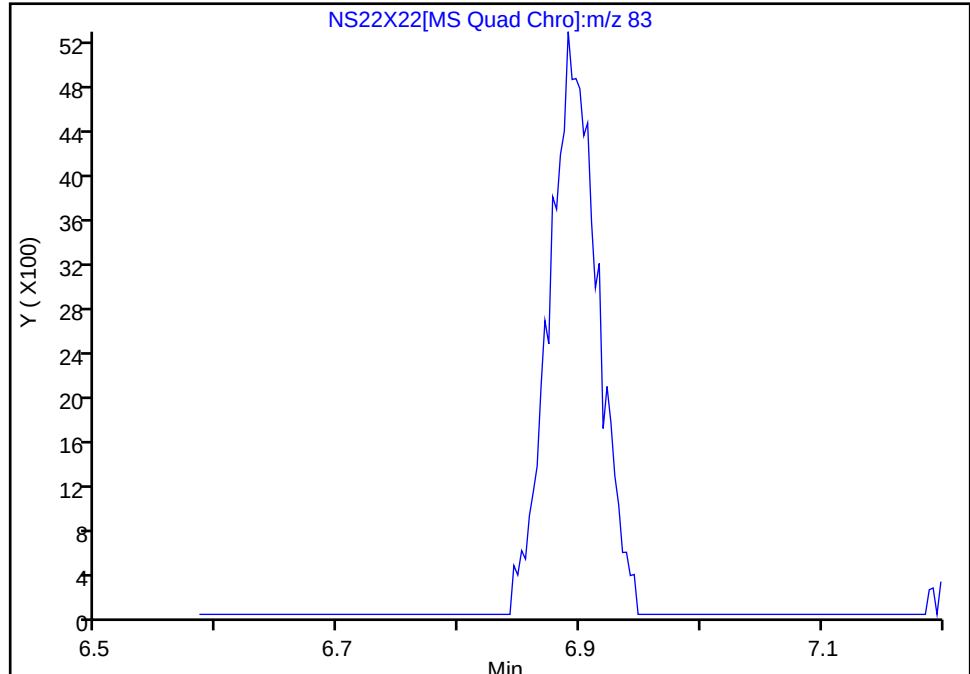
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

49 Chloroform, CAS: 67-66-3

Signal: 1

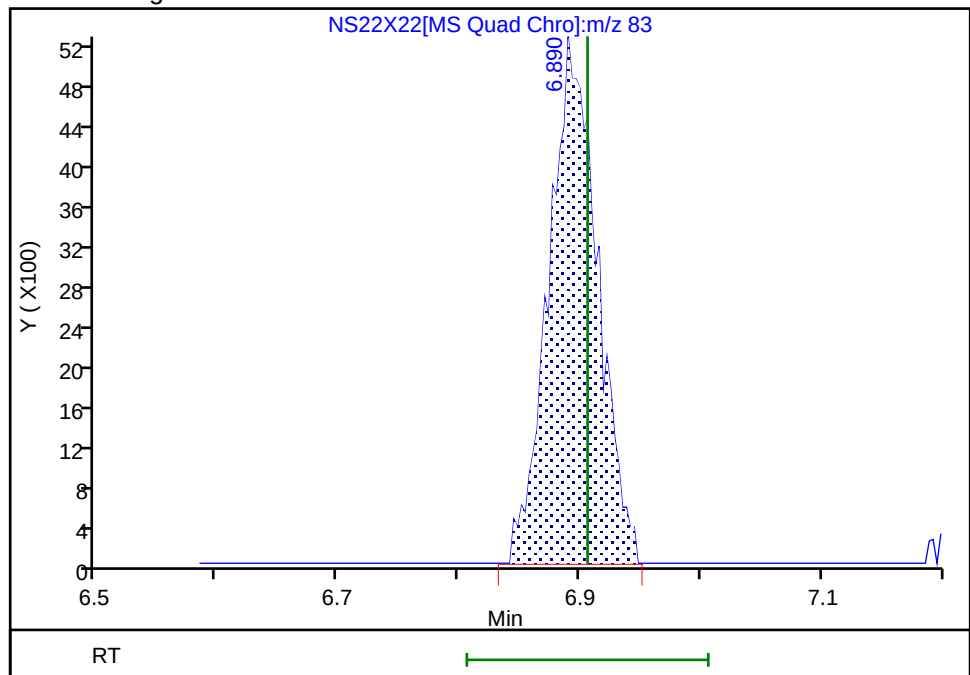
Not Detected
Expected RT: 6.91

Processing Integration Results



Manual Integration Results

RT: 6.89
Area: 14760
Amount: 1.195005
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:15:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

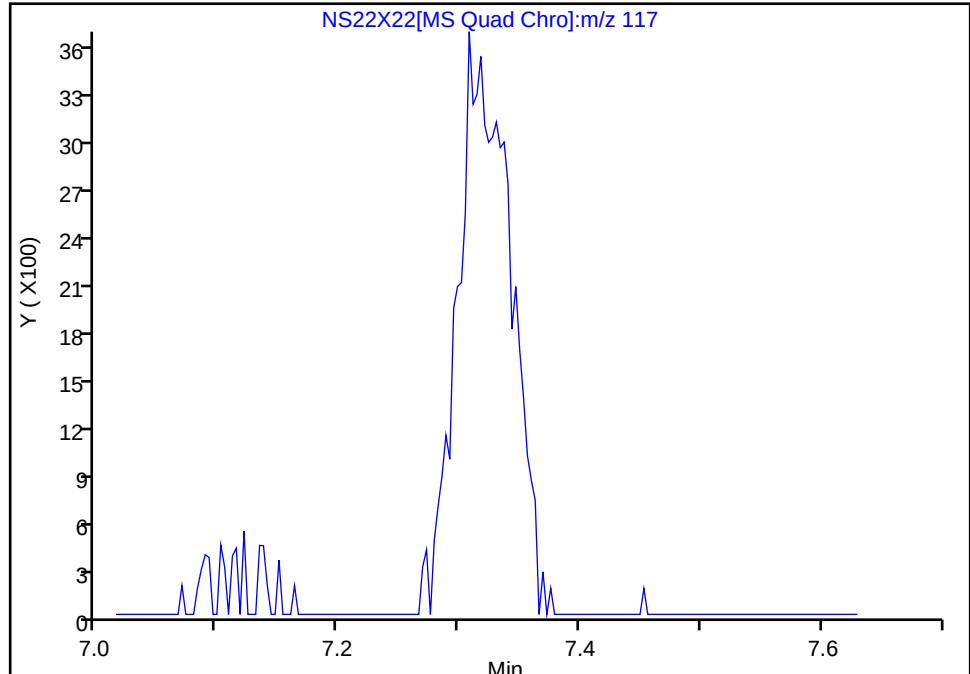
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

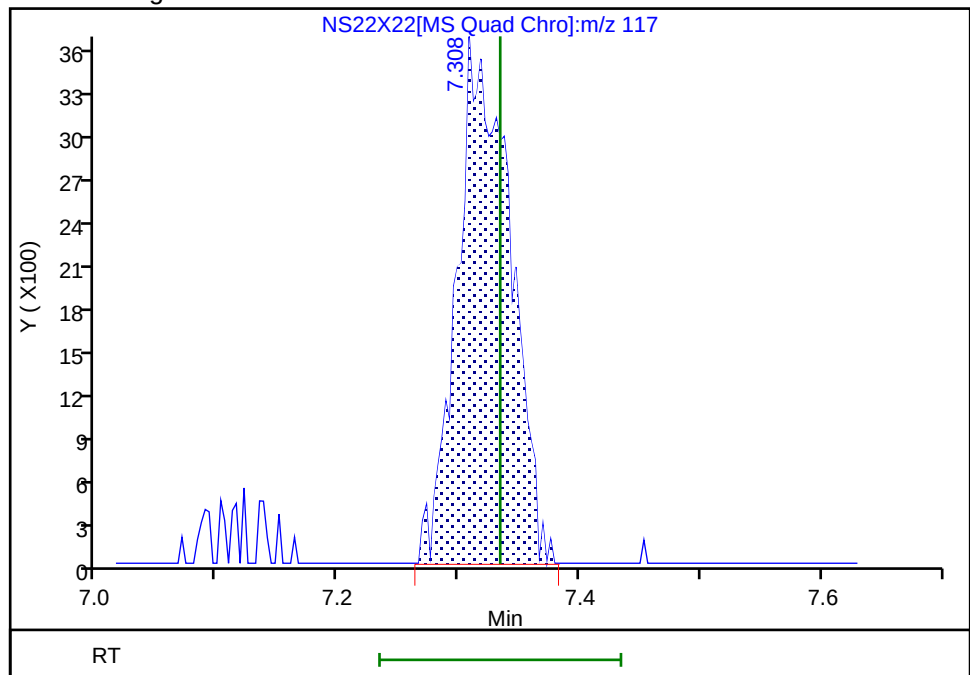
Not Detected
Expected RT: 7.33

Processing Integration Results



RT: 7.31
Area: 11236
Amount: 0.948302
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

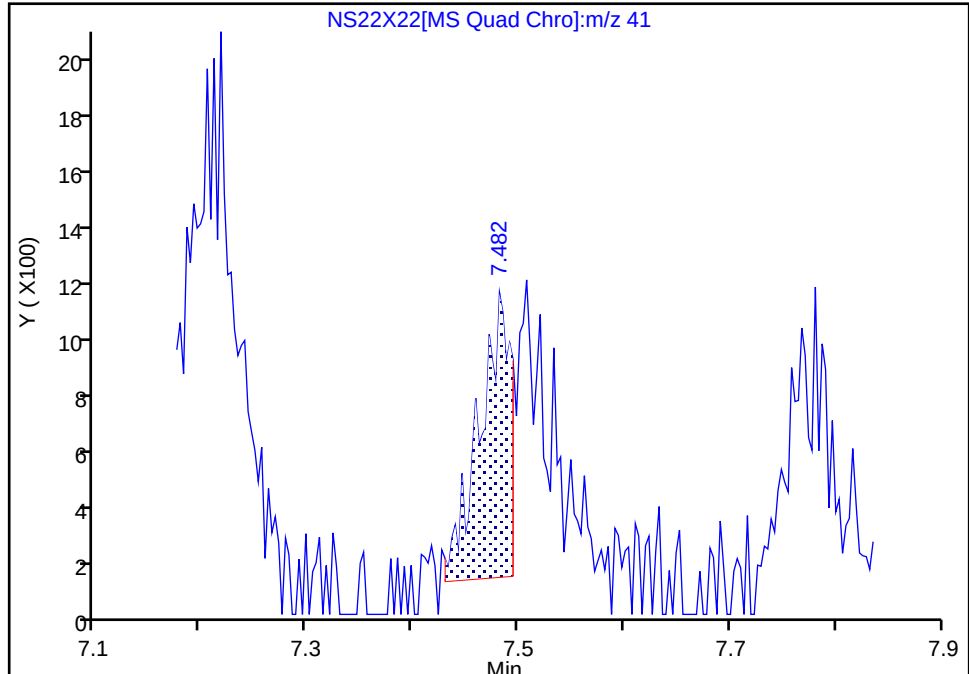
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

55 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

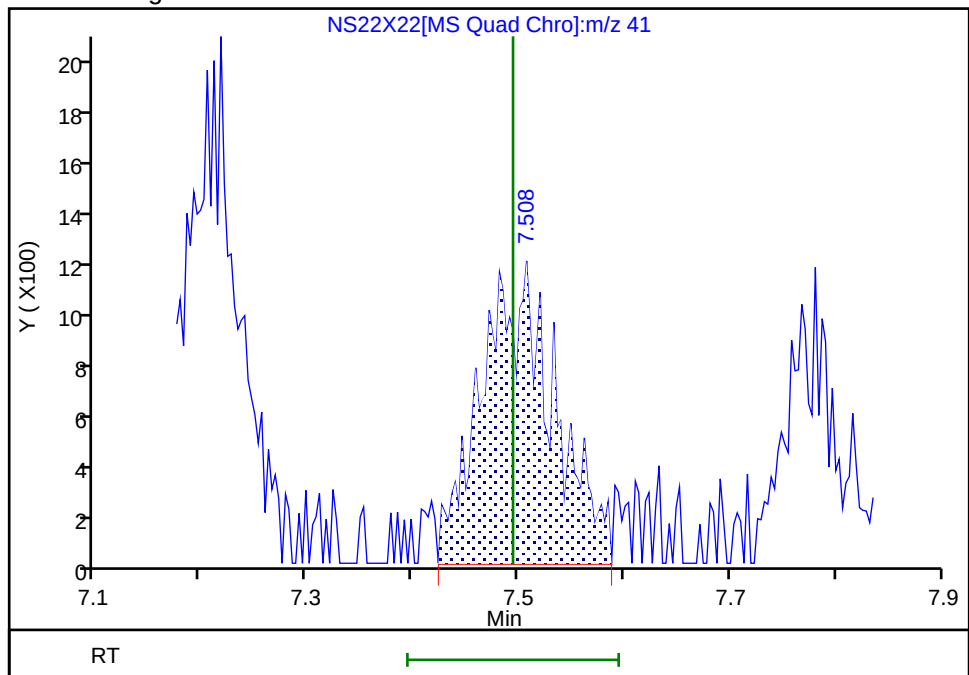
RT: 7.48
Area: 2024
Amount: 12.500000
Amount Units: ug/l

Processing Integration Results



RT: 7.51
Area: 5495
Amount: 15.419804
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:31 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

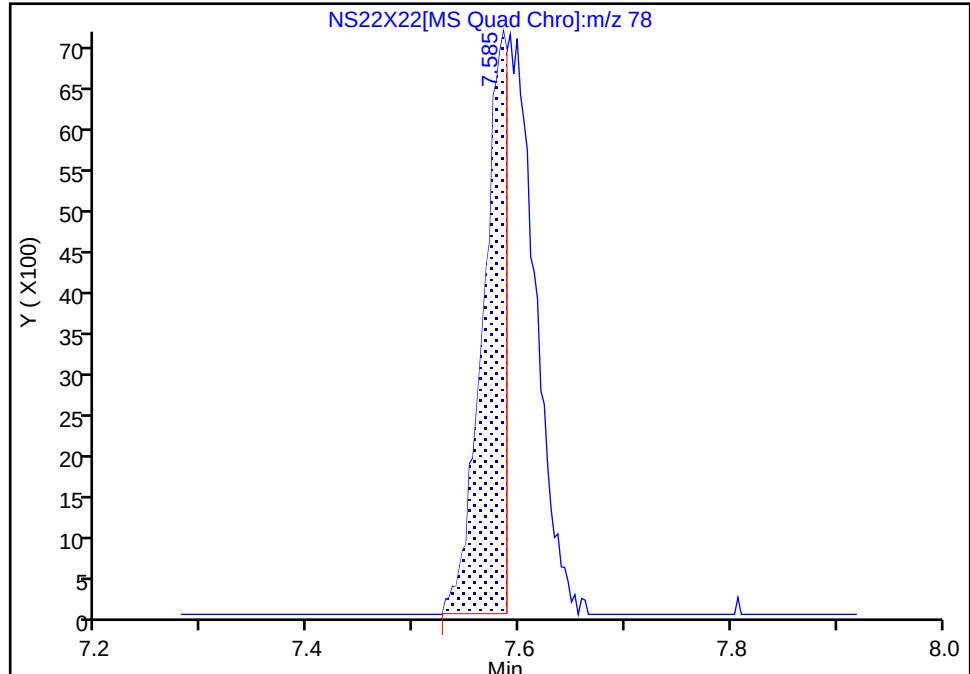
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

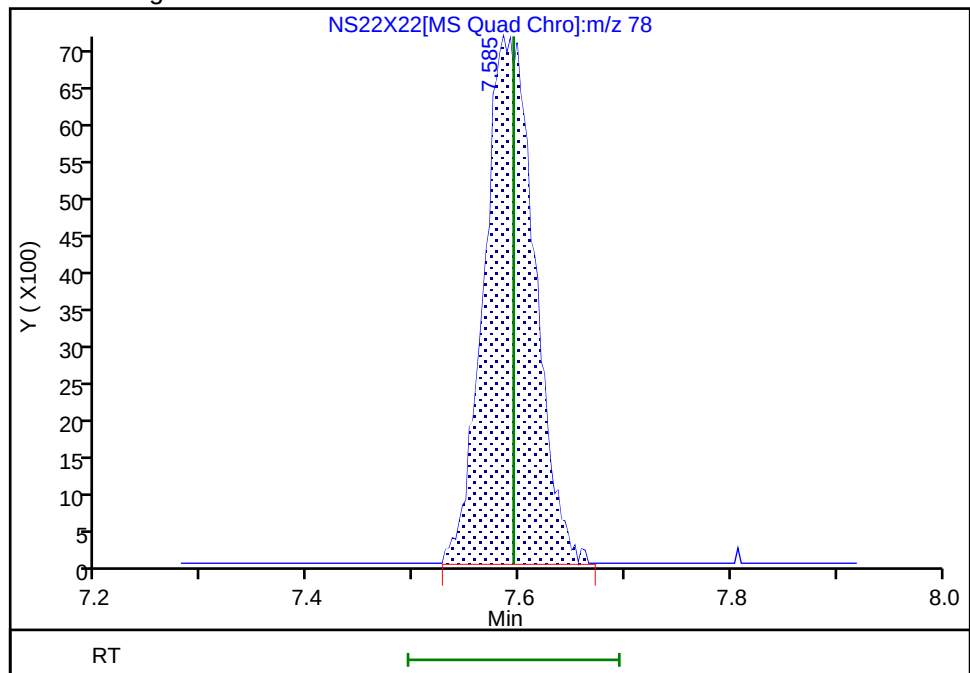
RT: 7.58
Area: 11375
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 7.58
Area: 23748
Amount: 0.975387
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:37 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

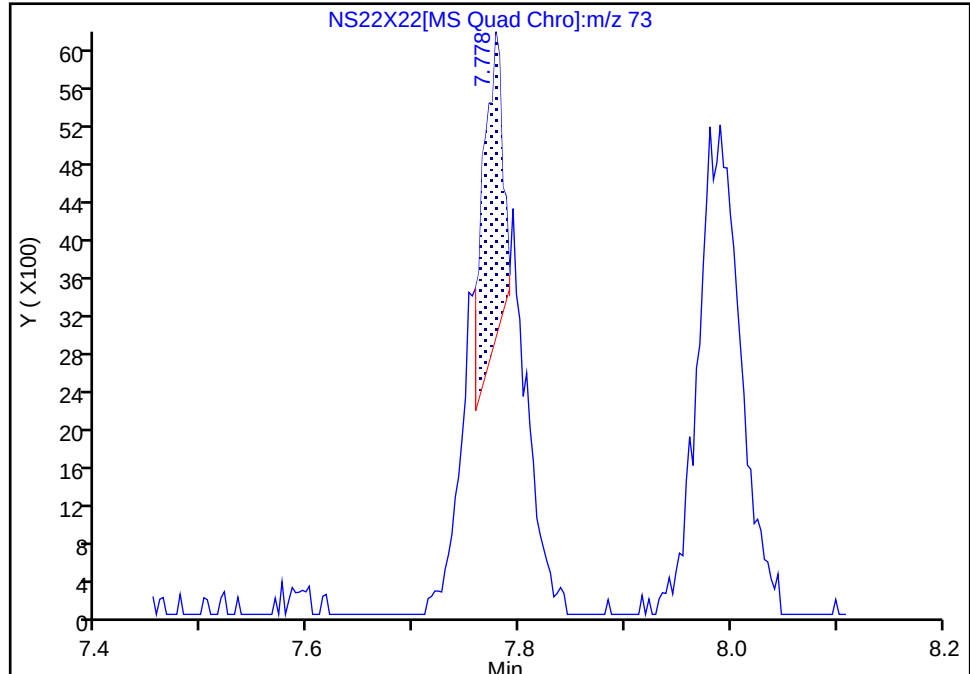
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

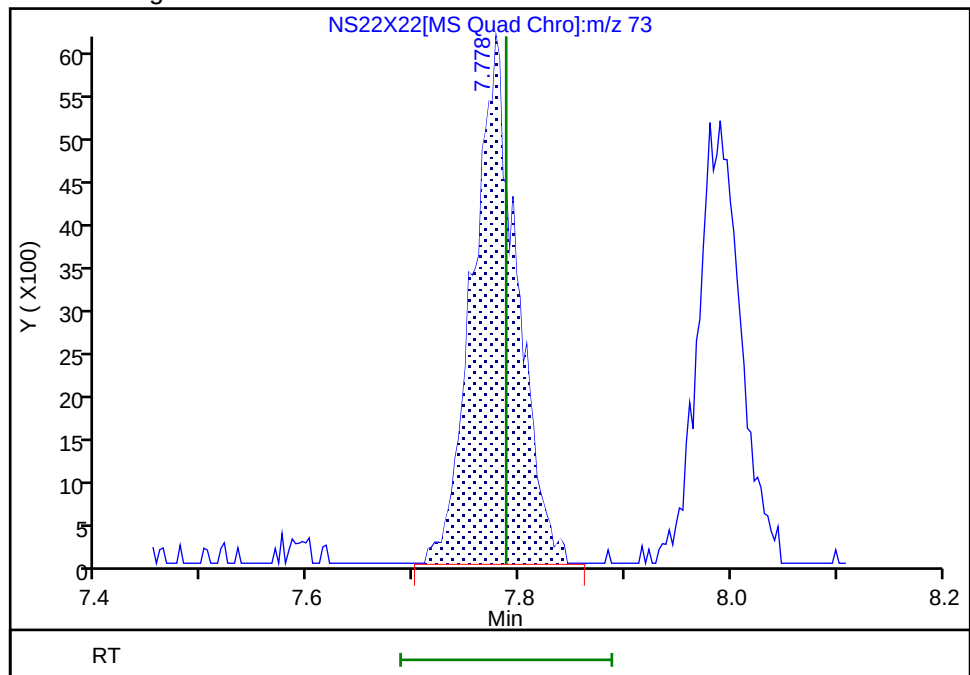
RT: 7.78
Area: 4173
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 7.78
Area: 17960
Amount: 0.993189
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

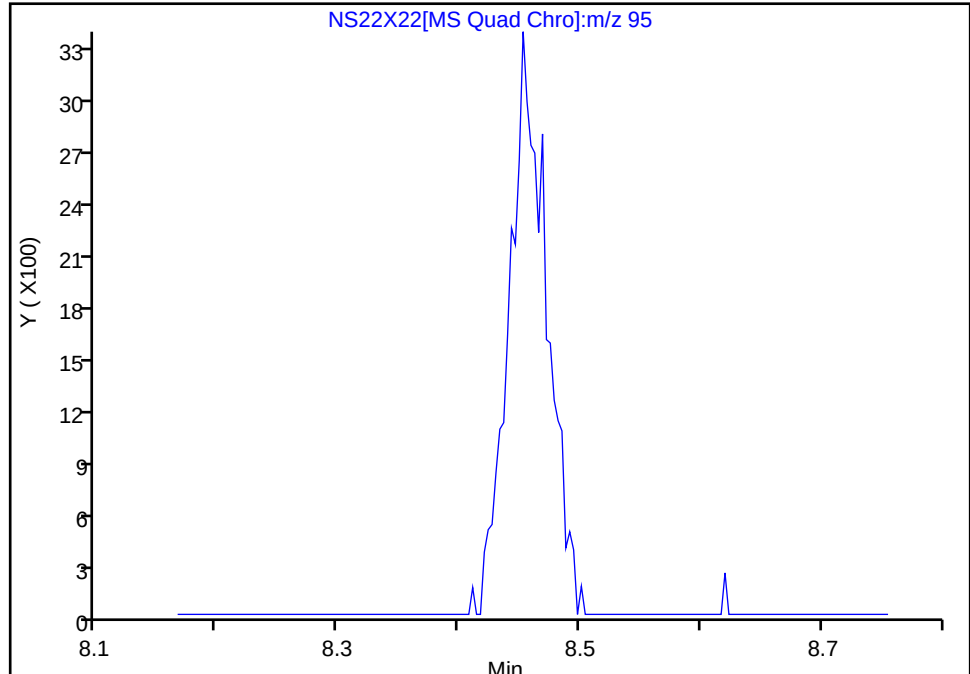
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

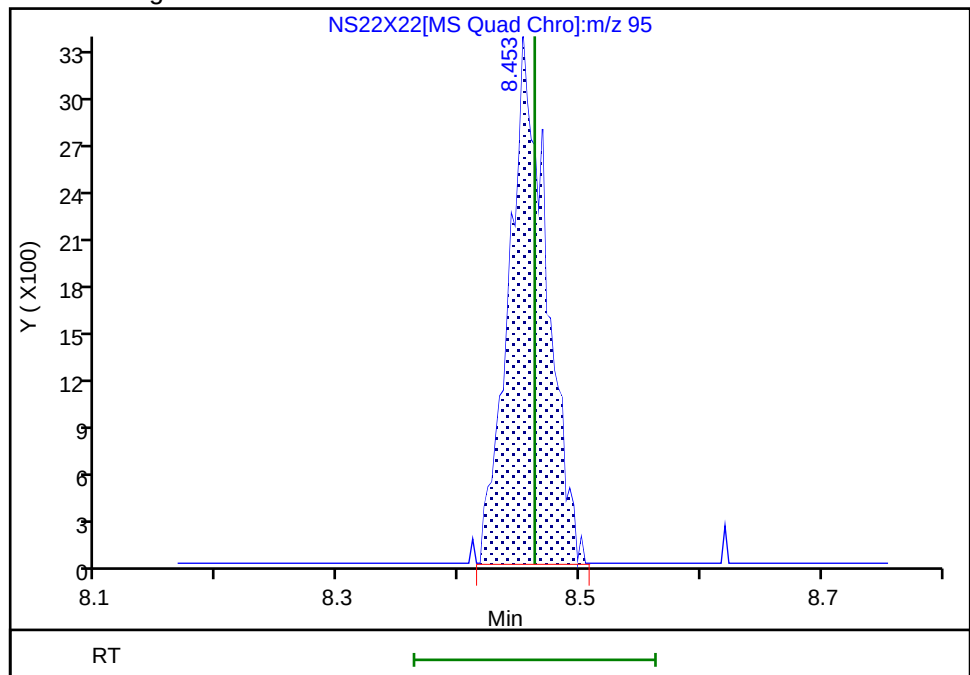
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.45
Area: 7238
Amount: 1.005941
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

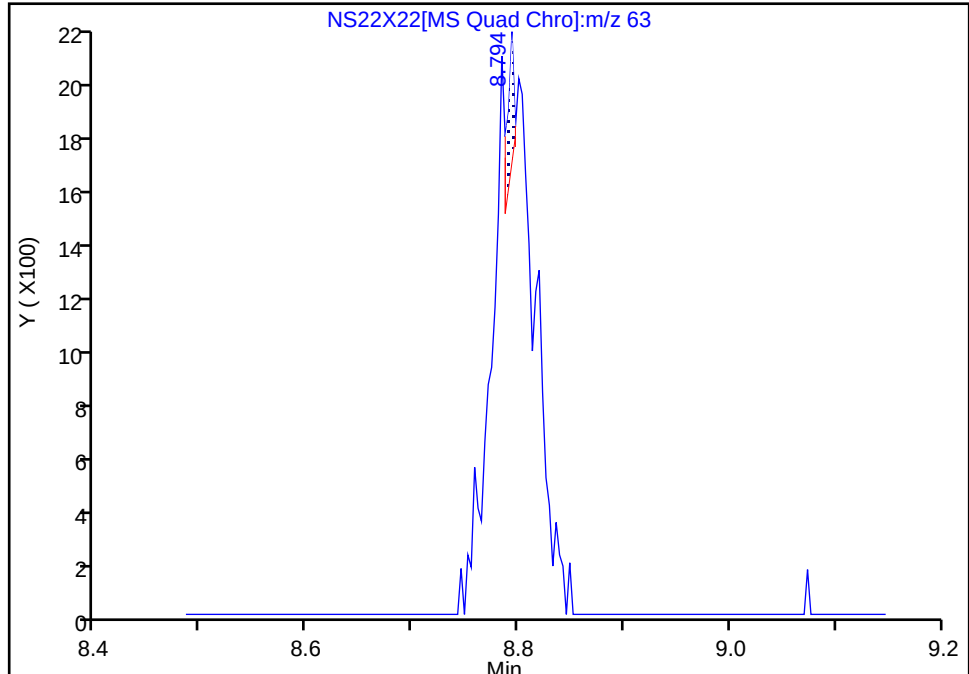
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

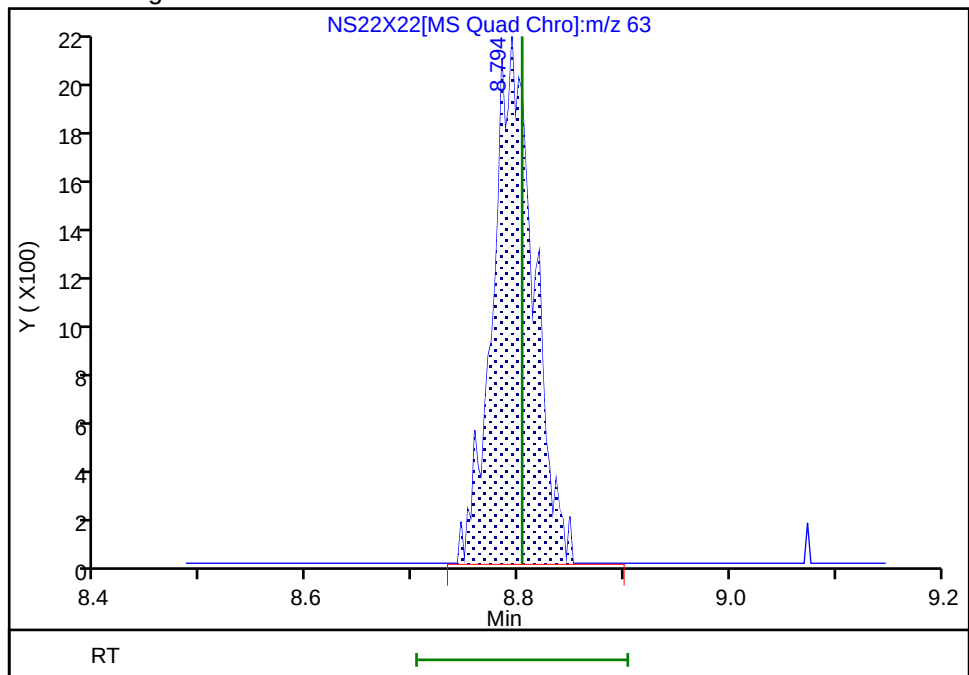
RT: 8.79
Area: 207
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 8.79
Area: 5676
Amount: 0.988568
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:49 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

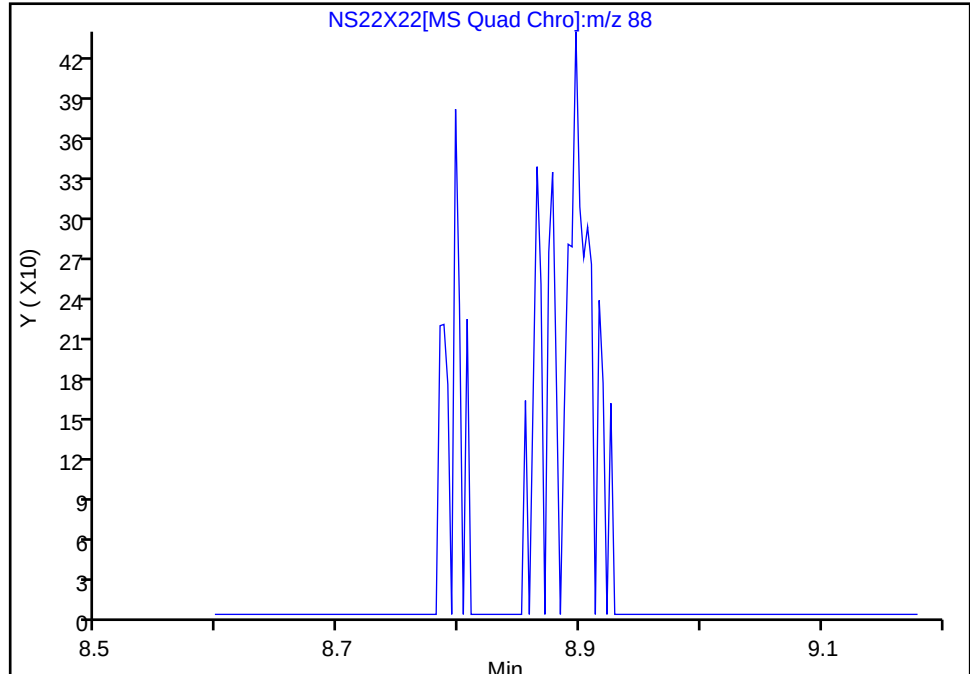
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

71 1,4-Dioxane, CAS: 123-91-1

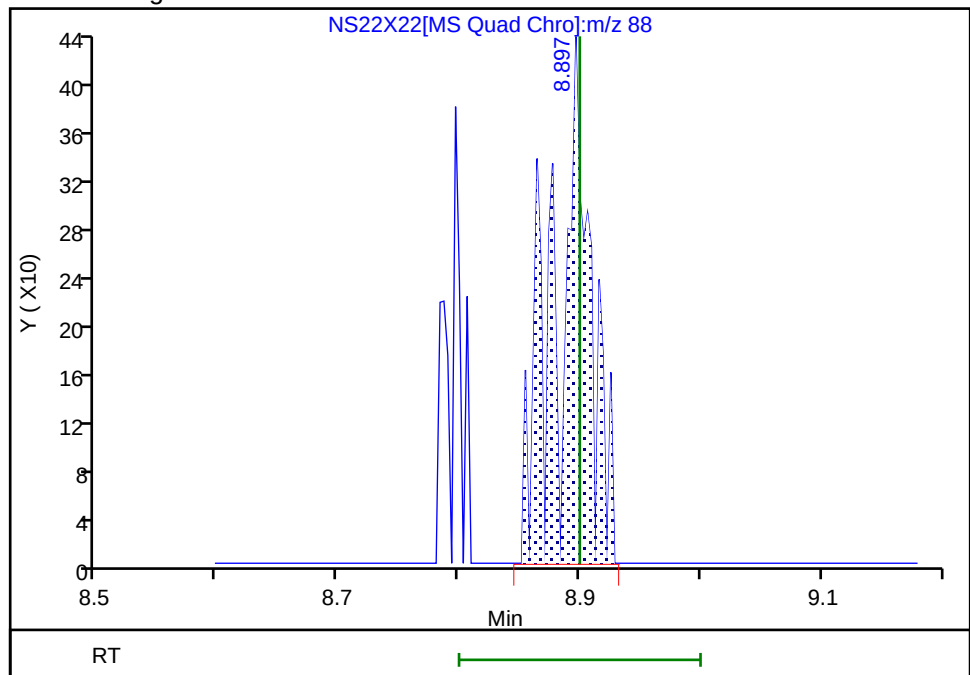
Signal: 1

Not Detected
Expected RT: 8.90

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

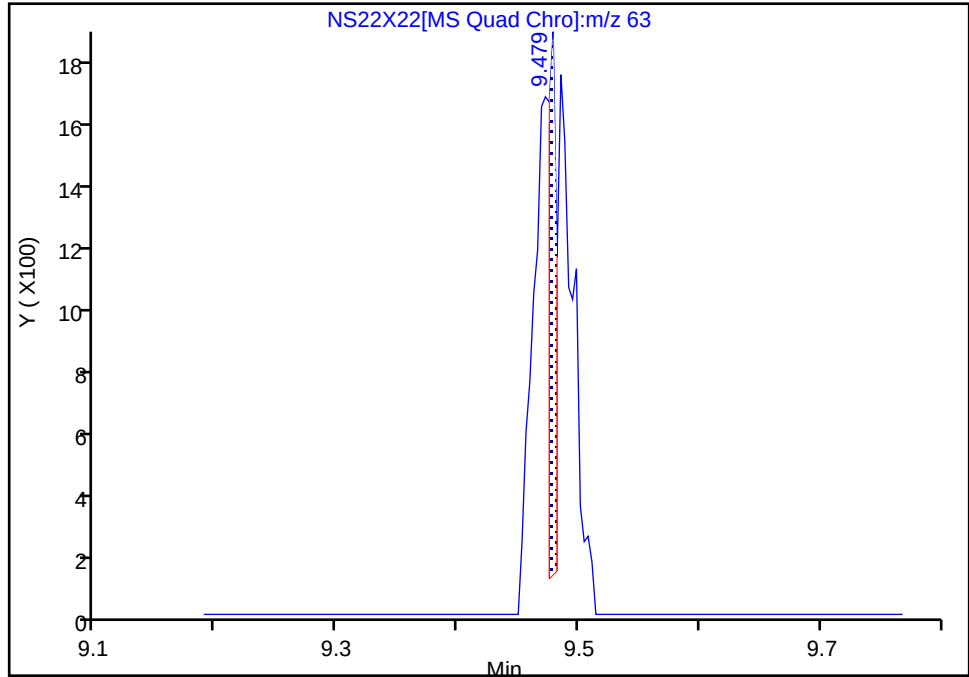
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

76 2-Chloroethyl vinyl ether, CAS: 110-75-8

Signal: 1

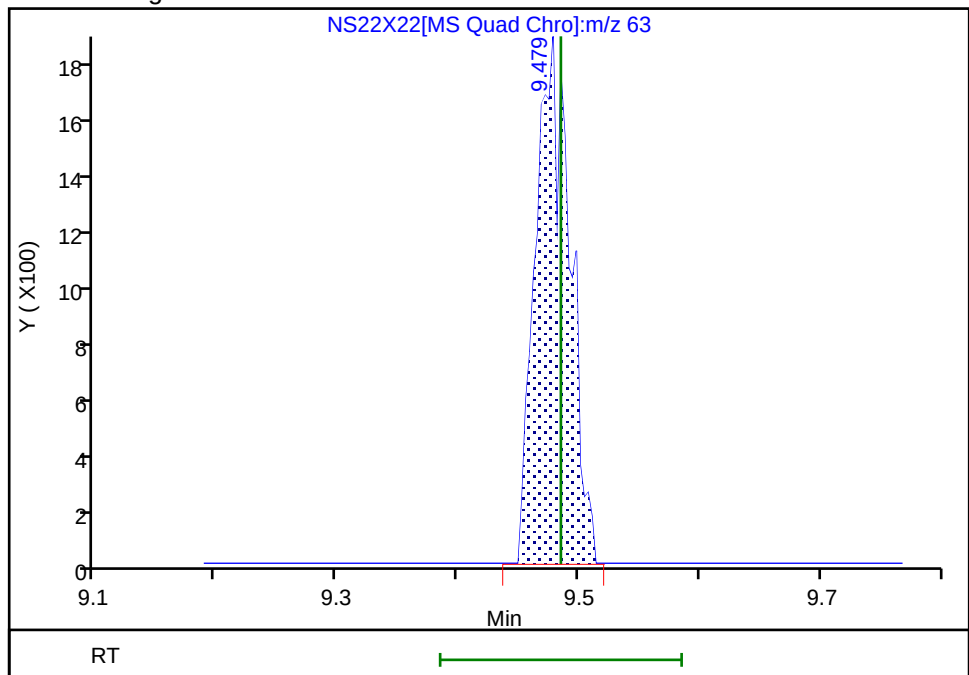
RT: 9.48
Area: 816
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 9.48
Area: 3642
Amount: 0.995039
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:16:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

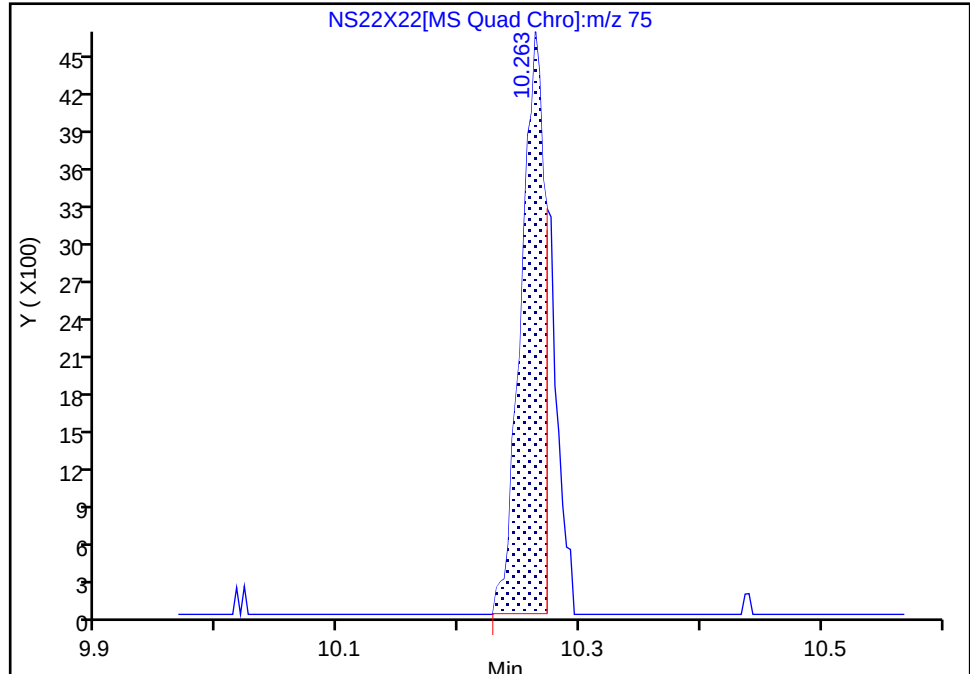
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

120 trans-1,3-Dichloropropene, CAS: 10061-02-6

Signal: 1

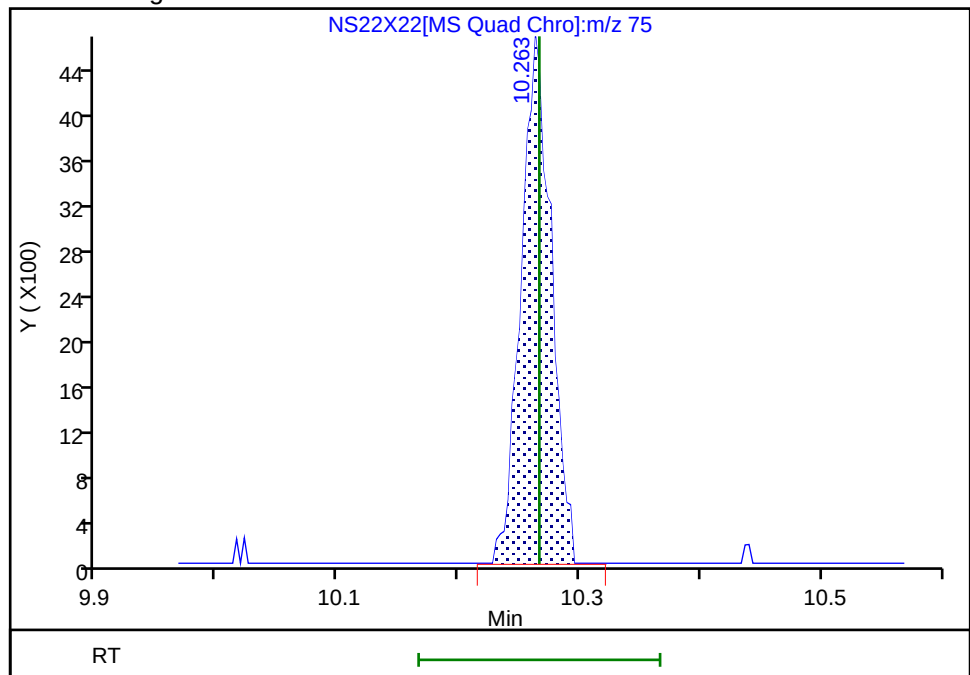
RT: 10.26
Area: 6325
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.26
Area: 7924
Amount: 0.968956
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

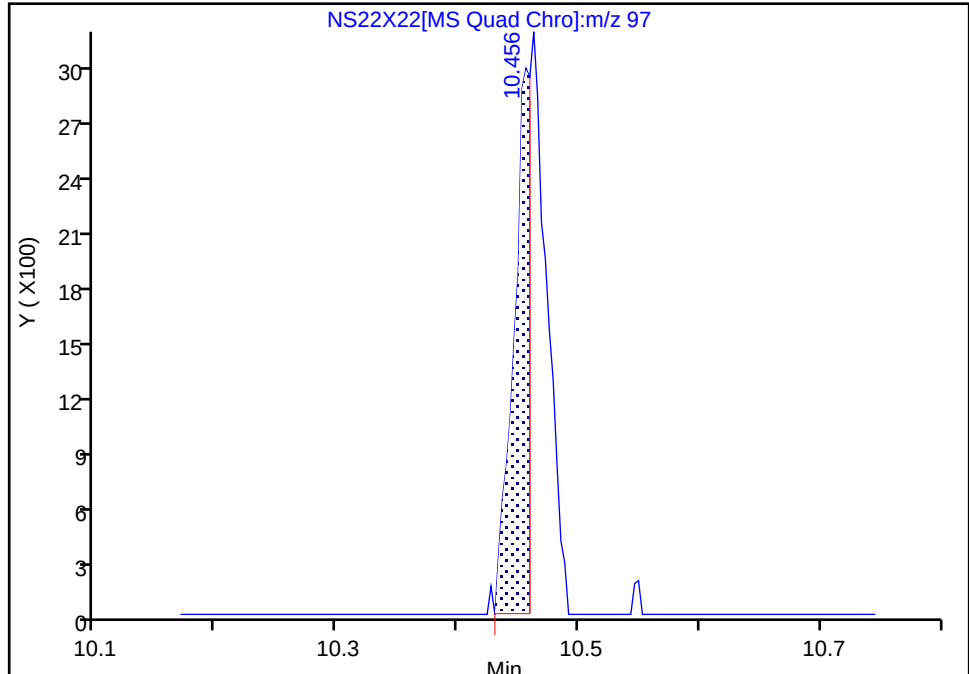
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

122 1,1,2-Trichloroethane, CAS: 79-00-5
Signal: 1

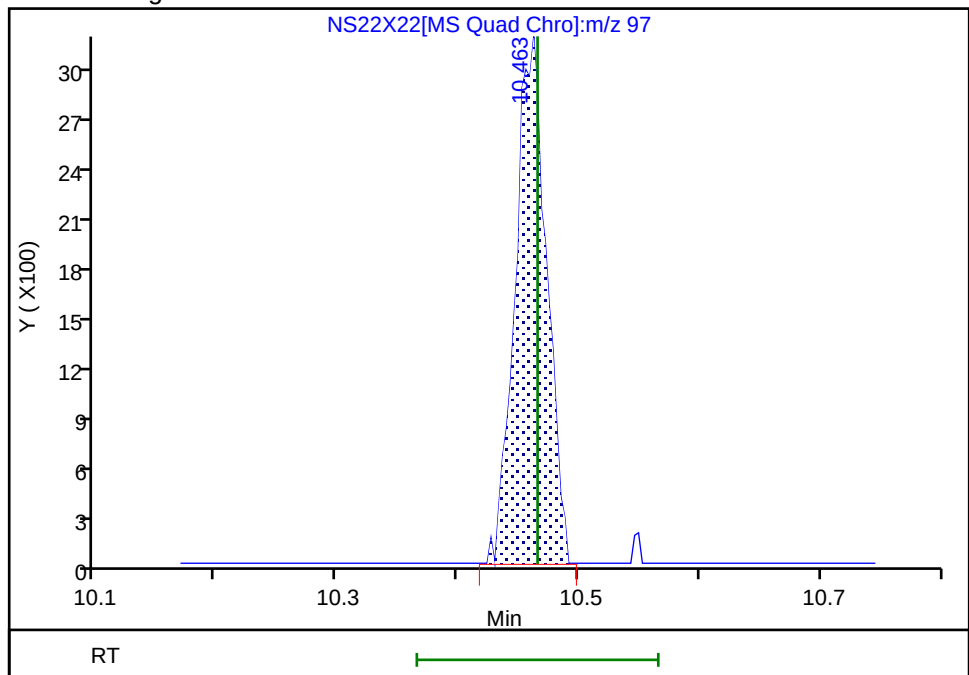
RT: 10.46
Area: 2862
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.46
Area: 5627
Amount: 0.985885
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

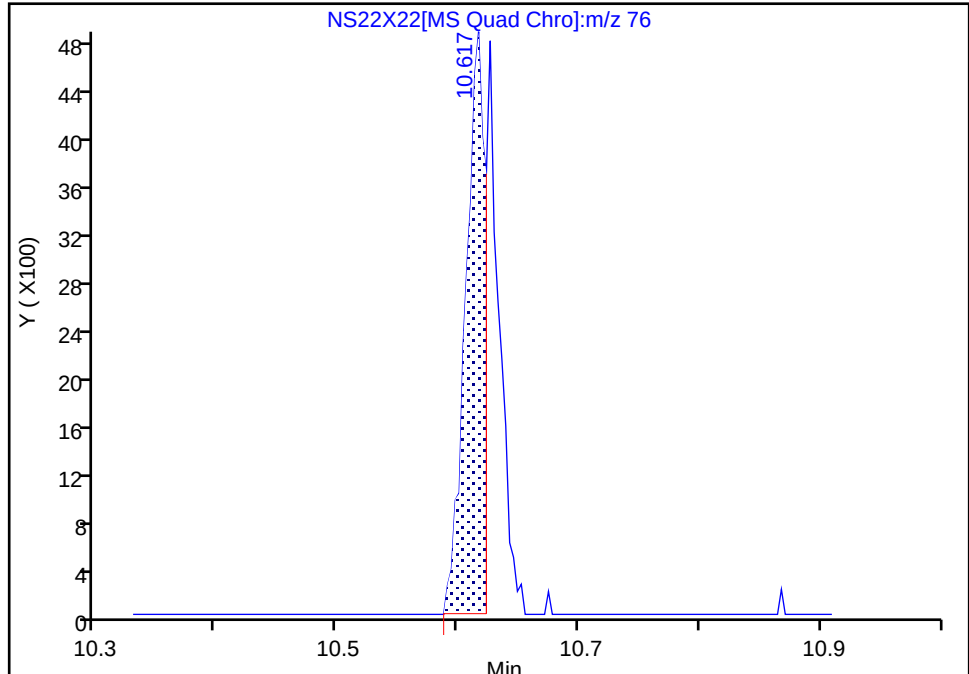
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

124 1,3-Dichloropropane, CAS: 142-28-9

Signal: 1

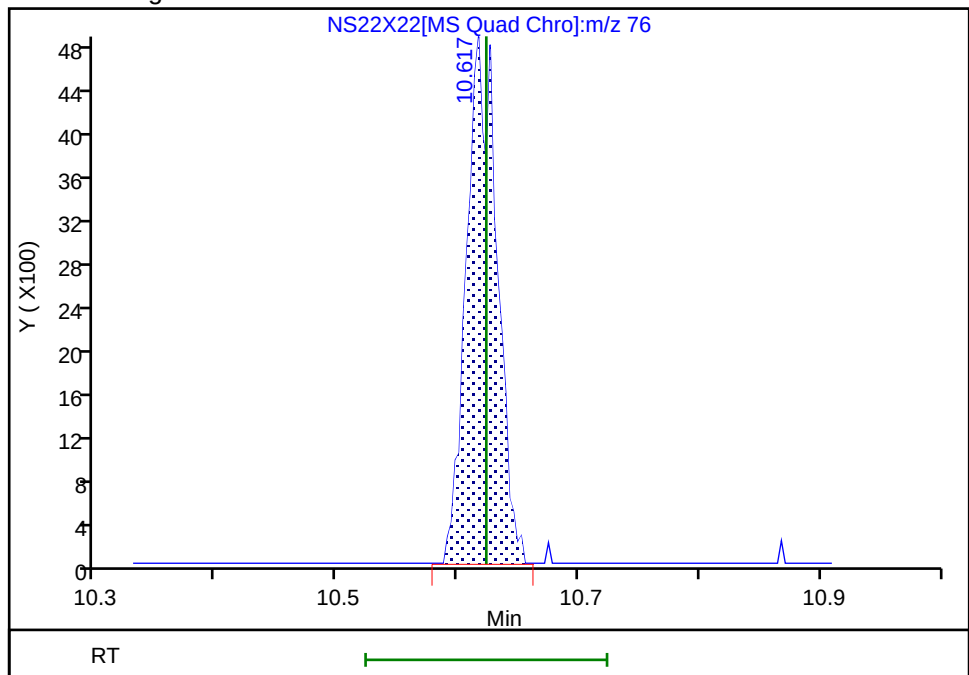
RT: 10.62
Area: 5460
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 10.62
Area: 8520
Amount: 0.995800
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

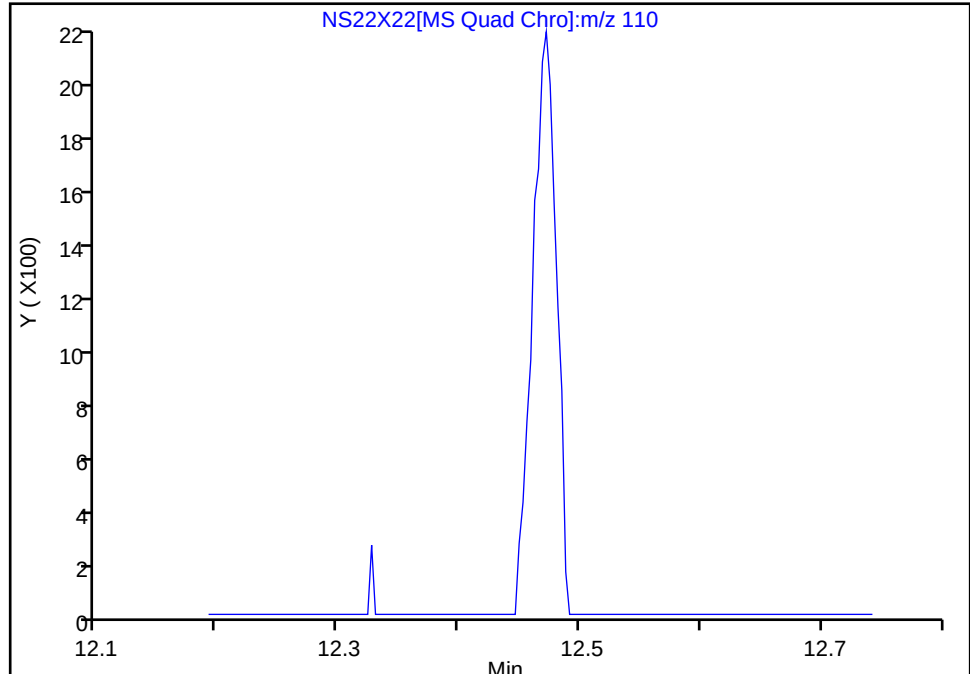
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

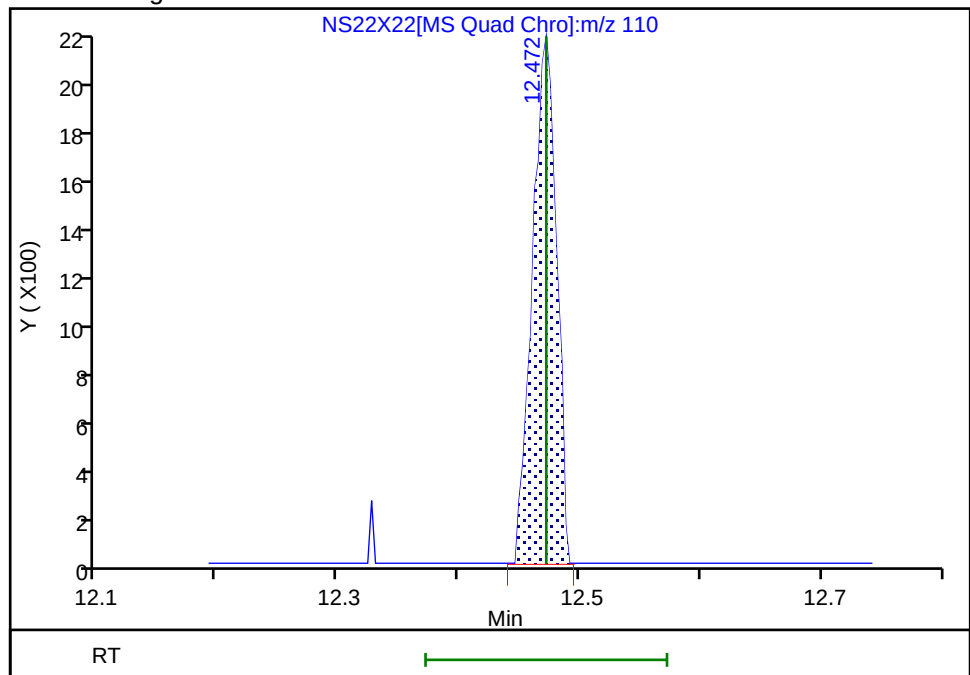
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 2998
Amount: 0.938185
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:16:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

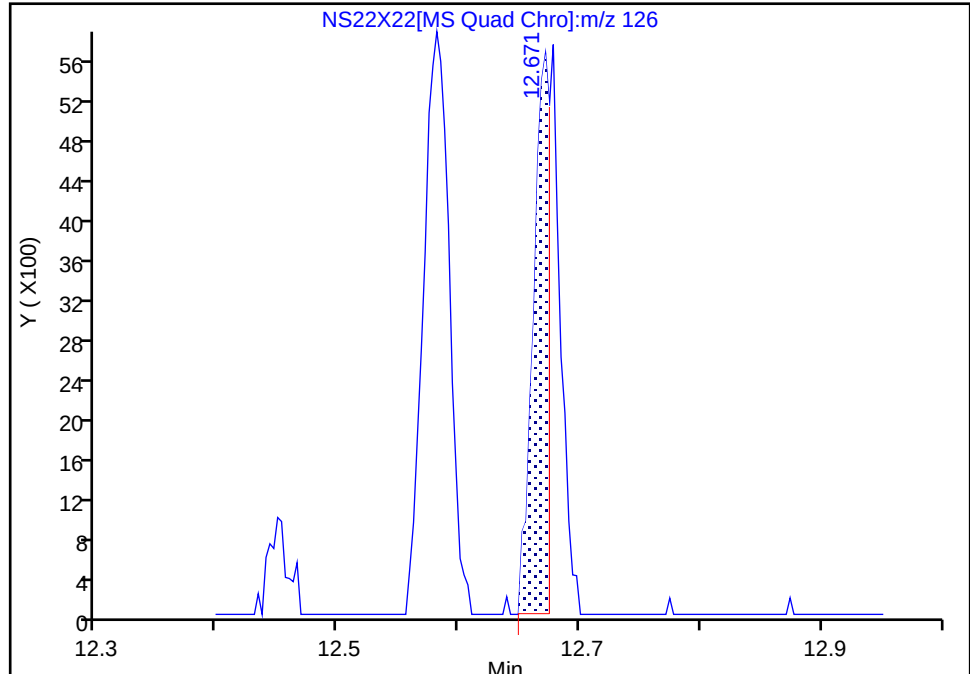
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

152 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

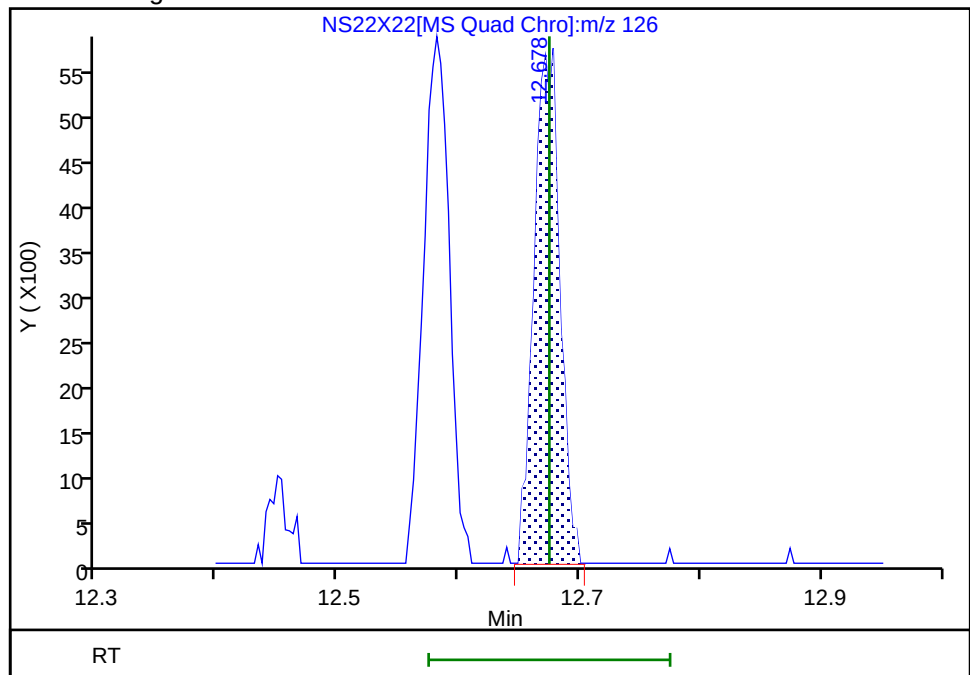
RT: 12.67
Area: 5342
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 12.68
Area: 8446
Amount: 0.939956
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:30:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

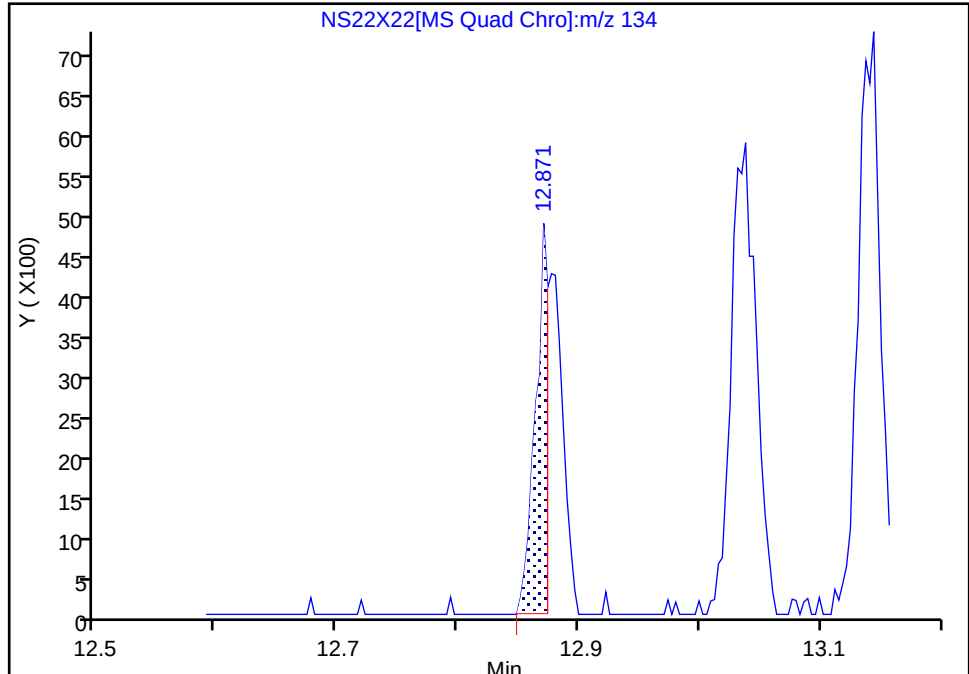
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Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

154 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

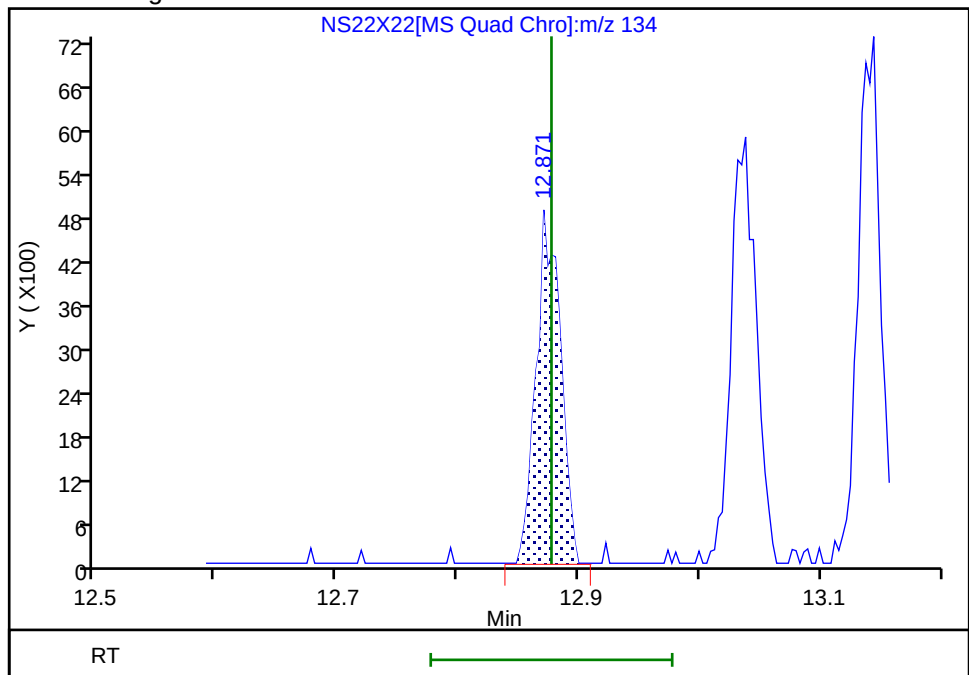
RT: 12.87
Area: 3510
Amount: 1.000000
Amount Units: ug/l

Processing Integration Results



RT: 12.87
Area: 6744
Amount: 0.936904
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:17:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

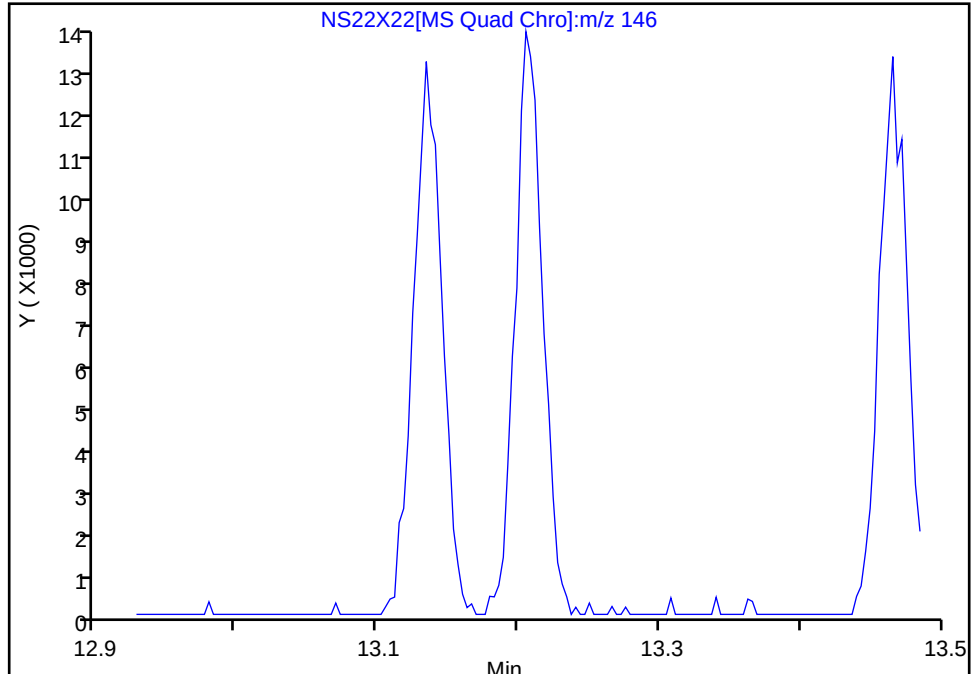
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X22.D
Injection Date: 22-Sep-2025 22:39:28 Instrument ID: 7159
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 21 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

161 1,4-Dichlorobenzene, CAS: 106-46-7
Signal: 1

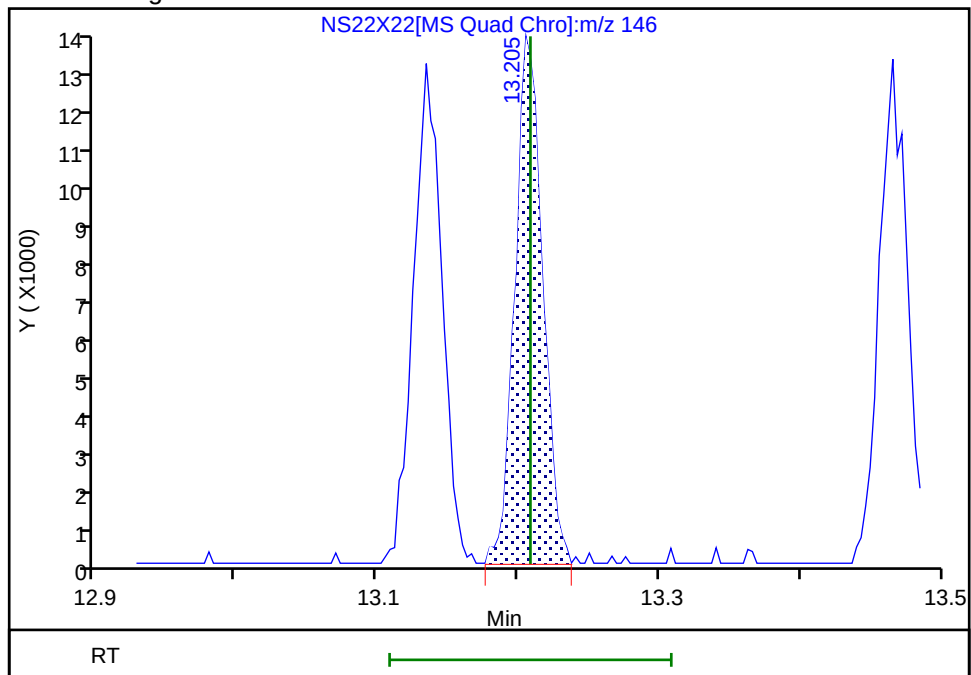
Not Detected
Expected RT: 13.21

Processing Integration Results



RT: 13.21
Area: 18268
Amount: 0.996257
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:14:32 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Lims ID: IC v4
 Client ID:
 Sample Type: IC Calib Level: 2
 Inject. Date: 22-Sep-2025 22:59:14 ALS Bottle#: 22 Worklist Smp#: 13
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-013
 Misc. Info.: IC V4
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:35:54 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 22-Sep-2025 23:44:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.035	2.025	0.010	99	62478	4.00	3.53	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.234	2.231	0.003	98	50624	4.00	3.99	
5 Butadiene	39	2.357	2.350	0.007	91	32785	4.00	4.00	
6 Vinyl chloride	62	2.363	2.363	0.000	97	50144	4.00	3.91	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.713	2.704	0.009	91	40625	4.00	4.07	
9 Chloroethane	64	2.810	2.810	0.000	99	23690	4.00	4.02	
10 Dichlorofluoromethane	67	3.077	3.074	0.003	97	68659	4.00	4.08	
11 Trichlorofluoromethane	101	3.151	3.141	0.010	94	63230	4.00	3.68	
12 Pentane	43	3.186	3.176	0.010	95	36588	4.00	4.60	
13 Ethanol	45	3.279	3.328	-0.049	22	22837	250.0	263.9	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.517	3.511	0.006	87	30180	4.00	3.94	M
16 Acrolein	56	3.611	3.607	0.004	99	55096	39.0	38.6	
17 1,1-Dichloroethene	96	3.752	3.752	0.000	97	25473	4.00	4.31	M
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.794	3.791	0.003	89	37729	4.00	4.42	M
19 Acetone	58	3.800	3.794	0.006	64	5787	8.00	8.01	
20 Iodomethane	142	3.958	3.964	-0.006	96	61387	4.00	4.35	
21 Isopropyl alcohol	45	3.996	3.984	0.012	55	20235	20.0	22.3	M
22 Carbon disulfide	76	4.074	4.070	0.004	99	86112	4.00	4.36	
24 Methyl acetate	43	4.257	4.254	0.003	37	19862	4.00	4.46	M
25 3-Chloro-1-propene	41	4.286	4.283	0.003	88	31576	4.00	4.58	M
26 Methylene Chloride	84	4.492	4.485	0.007	86	27398	4.00	4.25	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.521	4.530	-0.009	92	313545	250.0	250.0	M
28 2-Methyl-2-propanol	59	4.662	4.665	-0.003	63	25431	20.0	19.2	M
29 Acrylonitrile	53	4.861	4.861	0.000	99	25232	10.0	10.1	
32 Methyl tert-butyl ether	73	4.906	4.910	-0.004	92	81806	4.00	4.05	
31 trans-1,2-Dichloroethene	96	4.916	4.913	0.003	94	29475	4.00	4.48	M
33 Hexane	57	5.344	5.347	-0.003	92	33610	4.00	4.52	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.598	5.591	0.007	75	42571	4.00	4.28	M
36 Isopropyl ether	45	5.656	5.652	0.004	94	64691	4.00	4.03	M
37 2-Chloro-1,3-butadiene	53	5.694	5.697	-0.003	91	35471	4.00	4.26	M
S 38 1,2-Dichloroethene, Total	100				0			8.85	
39 Tert-butyl ethyl ether	59	6.183	6.186	-0.003	94	71137	4.00	3.98	M
40 2-Butanone (MEK)	43	6.402	6.401	0.001	50	26088	8.00	8.17	M
41 cis-1,2-Dichloroethene	96	6.418	6.424	-0.006	64	33033	4.00	4.37	M
43 2,2-Dichloropropane	77	6.447	6.443	0.004	81	48062	4.00	4.30	M
44 Propionitrile	54	6.495	6.508	-0.013	87	22522	20.0	19.7	M
45 Methyl acrylate	55	6.524	6.524	0.000	99	26314	4.00	3.97	
46 Methacrylonitrile	67	6.710	6.713	-0.003	87	26813	10.0	9.89	M
47 Chlorobromomethane	128	6.749	6.752	-0.003	86	17222	4.00	4.18	
48 Tetrahydrofuran	71	6.762	6.768	-0.006	83	20925	20.0	19.7	
49 Chloroform	83	6.897	6.906	-0.009	93	51532	4.00	4.18	
\$ 50 Dibromofluoromethane (Surr)	113	7.112	7.115	-0.003	94	306329	50.0	50.4	
51 1,1,1-Trichloroethane	97	7.119	7.128	-0.009	36	53334	4.00	4.22	M
52 Cyclohexane	56	7.218	7.215	0.003	88	46500	4.00	4.31	
53 Carbon tetrachloride	117	7.328	7.334	-0.006	96	50477	4.00	4.26	
54 1,1-Dichloropropene	75	7.328	7.334	-0.006	95	35185	4.00	4.30	
55 Isobutyl alcohol	41	7.495	7.495	0.000	75	17881	50.0	48.9	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.569	7.575	-0.006	92	68620	50.0	50.1	
57 Benzene	78	7.604	7.594	0.010	94	99455	4.00	4.09	M
59 1,2-Dichloroethane	62	7.675	7.675	0.000	99	32434	4.00	4.10	
60 Tert-amyl methyl ether	73	7.774	7.787	-0.013	98	70787	4.00	3.92	M
* 62 Fluorobenzene (IS)	96	7.993	7.999	-0.006	99	1069281	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	41	26780	4.00	4.28	
64 n-Butanol	56	8.360	8.356	0.004	91	13148	50.0	47.0	
65 Trichloroethene	95	8.466	8.463	0.003	86	29850	4.00	4.15	M
66 Ethyl acrylate	55	8.582	8.585	-0.003	98	29383	4.00	3.84	
67 Methylcyclohexane	83	8.765	8.768	-0.003	88	54190	4.00	4.19	
68 2-ethoxy-2-methyl butane	87	8.797	8.803	-0.006	93	39080	4.00	4.01	
69 1,2-Dichloropropane	63	8.800	8.803	-0.003	70	22909	4.00	3.99	M
70 Methyl methacrylate	69	8.881	8.881	0.000	80	17288	4.00	3.87	
71 1,4-Dioxane	88	8.897	8.900	-0.003	37	4818	50.0	49.9	
72 Dibromomethane	93	8.906	8.909	-0.003	89	16783	4.00	3.94	
74 Dichlorobromomethane	83	9.138	9.138	0.000	98	33531	4.00	3.95	
75 2-Nitropropane	41	9.405	9.411	-0.006	100	34001	20.0	18.6	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	93	14530	4.00	3.97	
77 cis-1,3-Dichloropropene	75	9.655	9.659	-0.004	96	35834	4.00	3.96	
78 4-Methyl-2-pentanone (MIBK)	43	9.823	9.826	-0.003	96	52289	8.00	7.29	
\$ 79 Toluene-d8 (Surr)	98	9.948	9.951	-0.003	93	1044213	50.0	50.7	
118 Toluene	92	10.022	10.025	-0.003	98	65791	4.00	4.13	
S 119 1,3-Dichloropropene, Total	100				0			7.88	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	31562	4.00	3.93	
121 Ethyl methacrylate	69	10.318	10.324	-0.006	87	29567	4.00	3.90	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	90	23264	4.00	4.15	
123 Tetrachloroethene	166	10.540	10.543	-0.003	97	38897	4.00	4.35	
124 1,3-Dichloropropane	76	10.620	10.623	-0.003	85	33795	4.00	4.02	M
126 2-Hexanone	43	10.668	10.671	-0.003	95	35302	8.00	7.48	
128 Chlorodibromomethane	129	10.826	10.826	0.000	90	28871	4.00	3.95	
129 Ethylene Dibromide	107	10.938	10.938	0.000	98	24534	4.00	4.06	
S 130 Xylenes, Total	106				0			12.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	838388	50.0	50.0	
132 1-Chlorohexane	91	11.353	11.356	-0.003	86	39617	4.00	4.39	
133 Chlorobenzene	112	11.379	11.379	0.000	97	78320	4.00	4.15	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	47	33410	4.00	4.01	
135 Ethylbenzene	91	11.459	11.459	0.000	98	133487	4.00	4.22	
136 m-Xylene & p-Xylene	106	11.569	11.572	-0.003	99	104092	8.00	8.30	
137 n-Butyl acrylate	55	11.835	11.835	0.000	96	41331	4.00	3.92	
138 o-Xylene	106	11.893	11.890	0.003	95	55115	4.00	4.22	
139 Styrene	104	11.903	11.906	-0.003	94	79256	4.00	3.99	
140 Bromoform	173	12.061	12.061	0.001	97	21157	4.00	3.89	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	150583	4.00	4.17	
143 Cyclohexanone	55	12.266	12.270	-0.004	89	61566	200.0	185.5	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	392502	50.0	50.5	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	96	34997	4.00	3.81	
146 Bromobenzene	156	12.440	12.443	-0.003	91	38945	4.00	4.04	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	93	22860	10.0	9.94	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	12549	4.00	4.00	M
149 N-Propylbenzene	91	12.504	12.504	0.000	98	166564	4.00	4.12	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	37614	4.00	4.08	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	126119	4.00	3.95	
152 4-Chlorotoluene	126	12.671	12.675	-0.004	97	35784	4.00	4.05	
154 tert-Butylbenzene	134	12.880	12.877	0.003	91	28009	4.00	3.96	M
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	96	128164	4.00	3.94	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	162718	4.00	4.03	
158 1,3-Dichlorobenzene	146	13.138	13.138	0.000	98	73676	4.00	4.08	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	144689	4.00	3.98	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	523411	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	70	74323	4.00	4.12	M
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	132386	4.00	4.01	
163 Benzyl chloride	91	13.289	13.286	0.003	98	62511	4.00	3.82	
164 1,3-Diethylbenzene	119	13.337	13.340	-0.003	95	78483	4.00	3.93	
165 p-Diethylbenzene	119	13.408	13.411	-0.003	94	82439	4.00	3.94	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	63021	4.00	4.05	
167 1,2-Dichlorobenzene	146	13.469	13.466	0.003	99	73299	4.00	4.07	
168 o-diethylbenzene	119	13.482	13.482	0.000	93	71116	4.00	3.97	
170 1,2-Dibromo-3-Chloropropane	75	14.006	14.003	0.003	90	9546	4.00	3.86	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	96	59506	4.00	4.01	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	94	57153	4.00	4.14	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	82	37673	4.00	3.48	
174 Hexachlorobutadiene	225	14.623	14.623	0.000	94	22913	4.00	4.00	
175 Naphthalene	128	14.732	14.729	0.003	96	165052	4.00	4.02	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	96	56640	4.00	4.00	
177 2-Methylnaphthalene	142	15.514	15.517	-0.003	92	91307	4.00	3.80	
S 238 Total Diethylbenzene	1				0			11.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 32.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 20.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:35:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D

Injection Date: 22-Sep-2025 22:59:14

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v4

Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

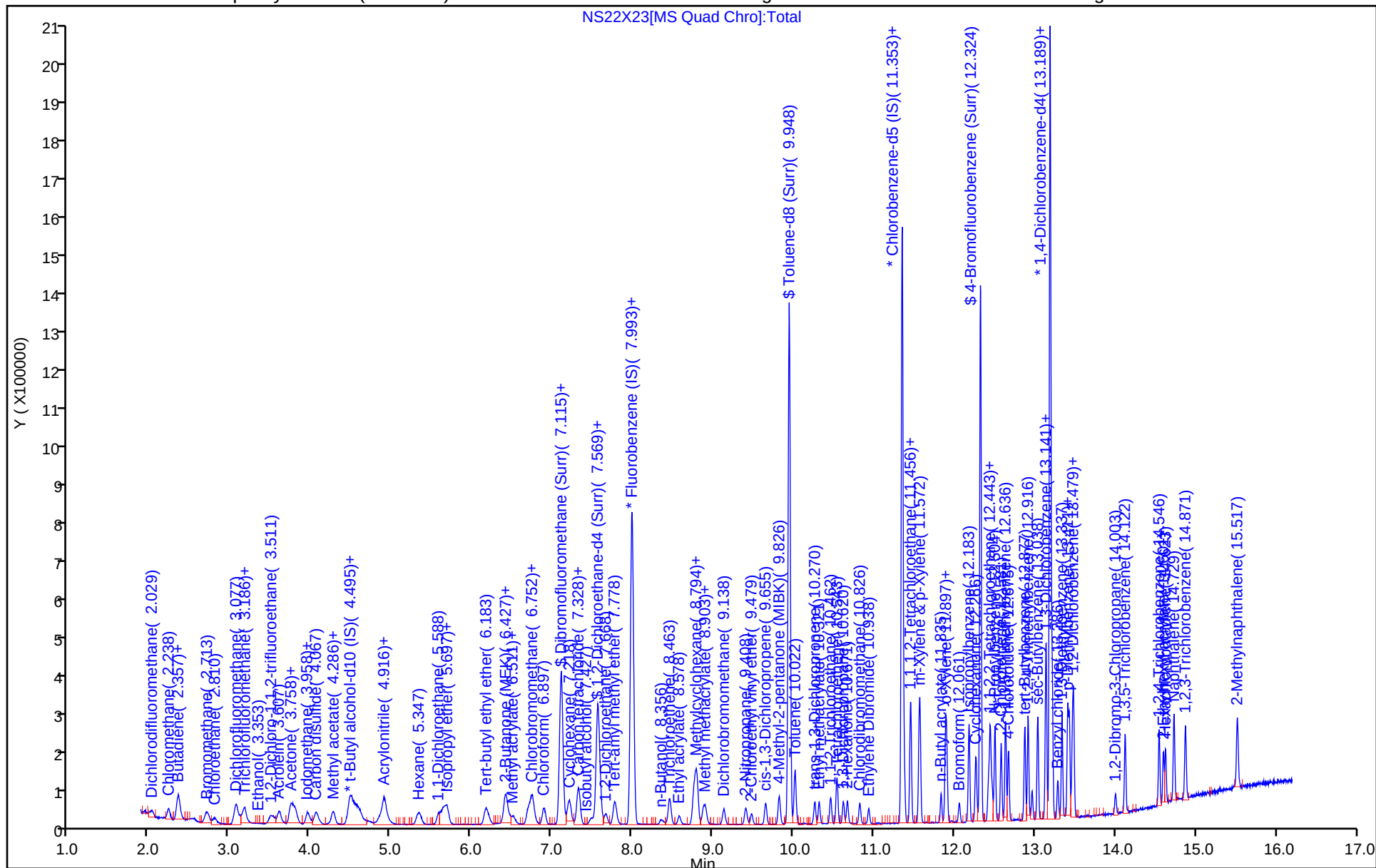
ALS Bottle#: 22

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

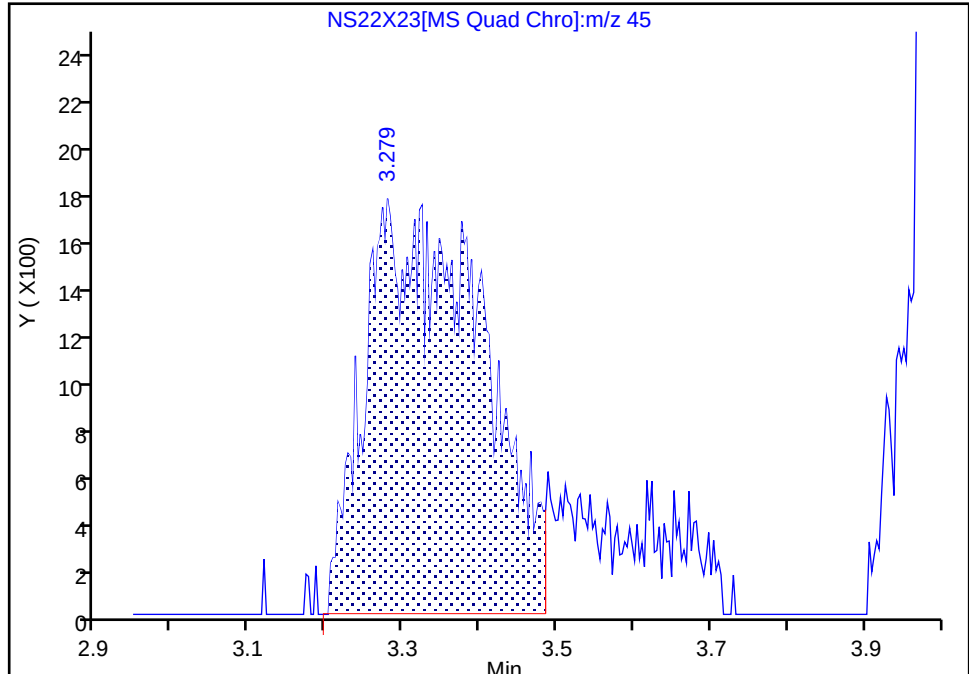
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

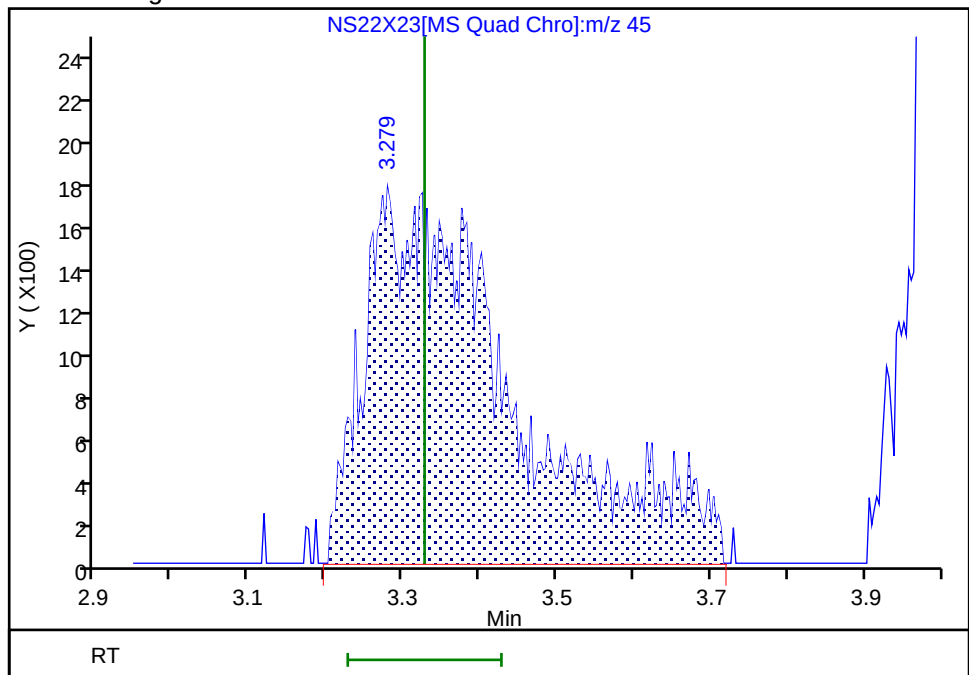
RT: 3.28
Area: 18108
Amount: 230.1057
Amount Units: ug/l

Processing Integration Results



RT: 3.28
Area: 22837
Amount: 263.9336
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:17:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

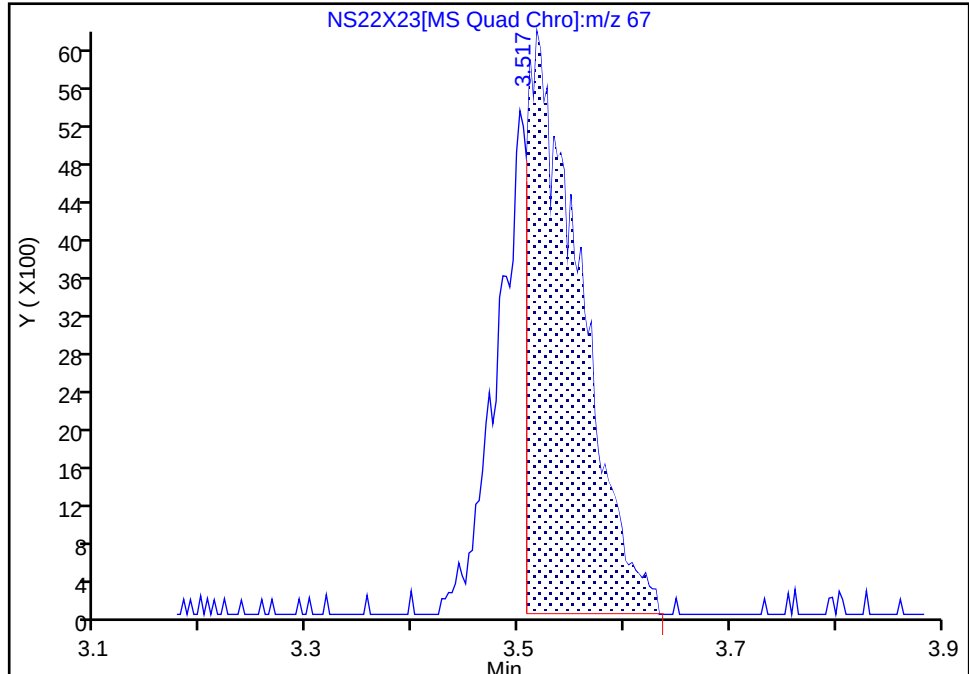
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

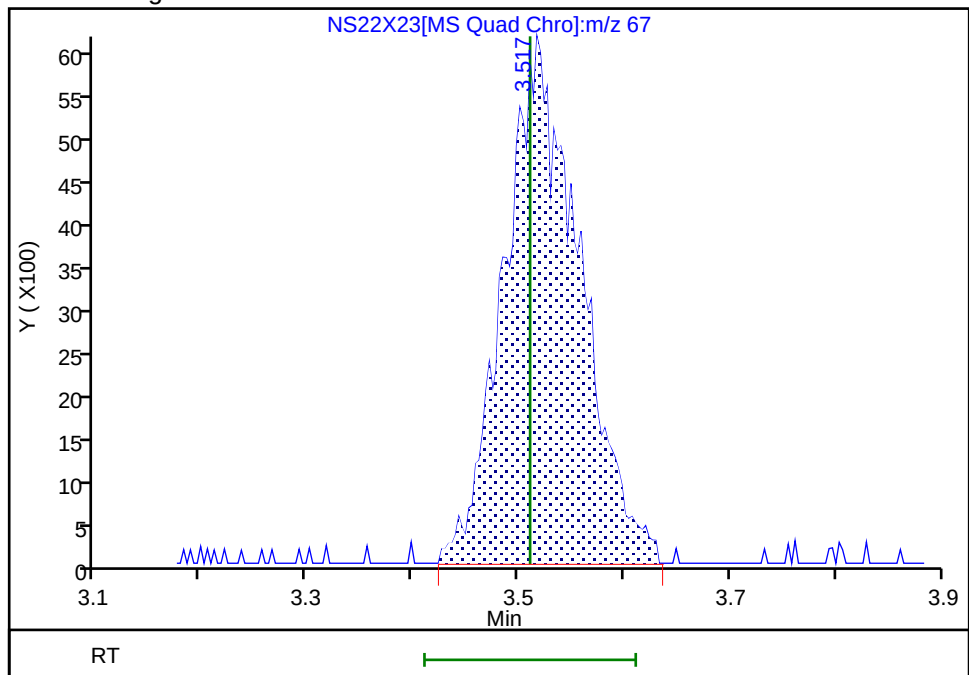
RT: 3.52
Area: 20745
Amount: 2.829382
Amount Units: ug/l

Processing Integration Results



RT: 3.52
Area: 30180
Amount: 3.935347
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

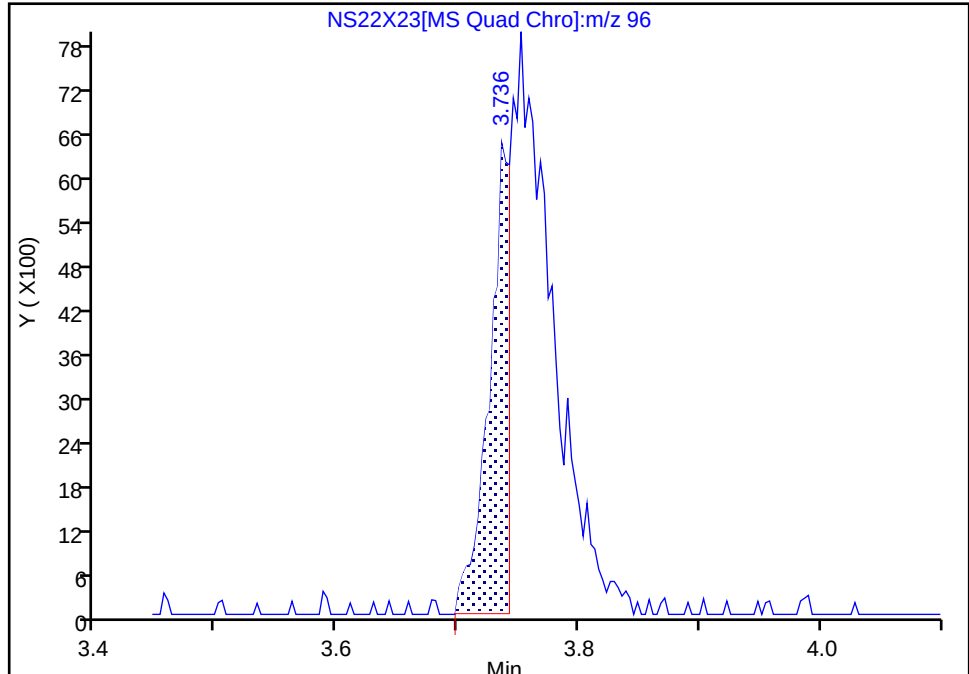
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

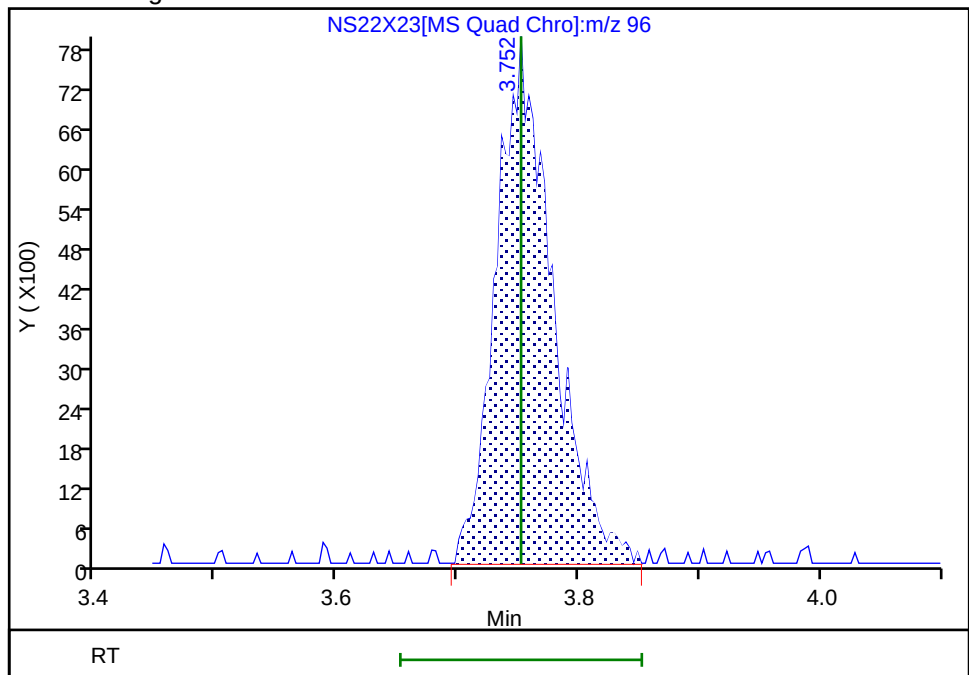
RT: 3.74
Area: 7614
Amount: 1.445961
Amount Units: ug/l

Processing Integration Results



RT: 3.75
Area: 25473
Amount: 4.314881
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

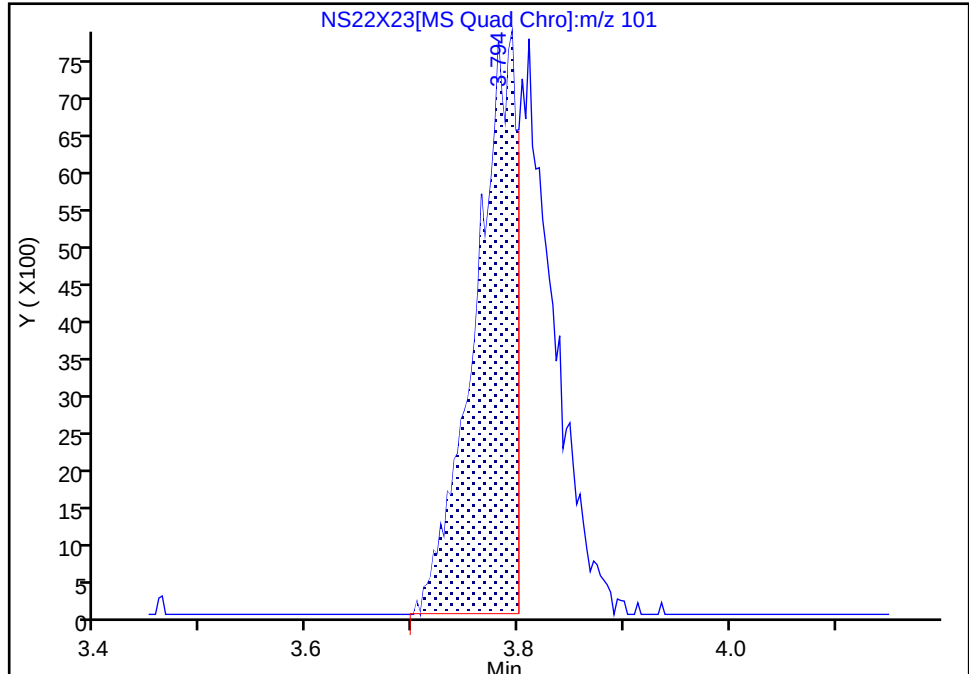
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

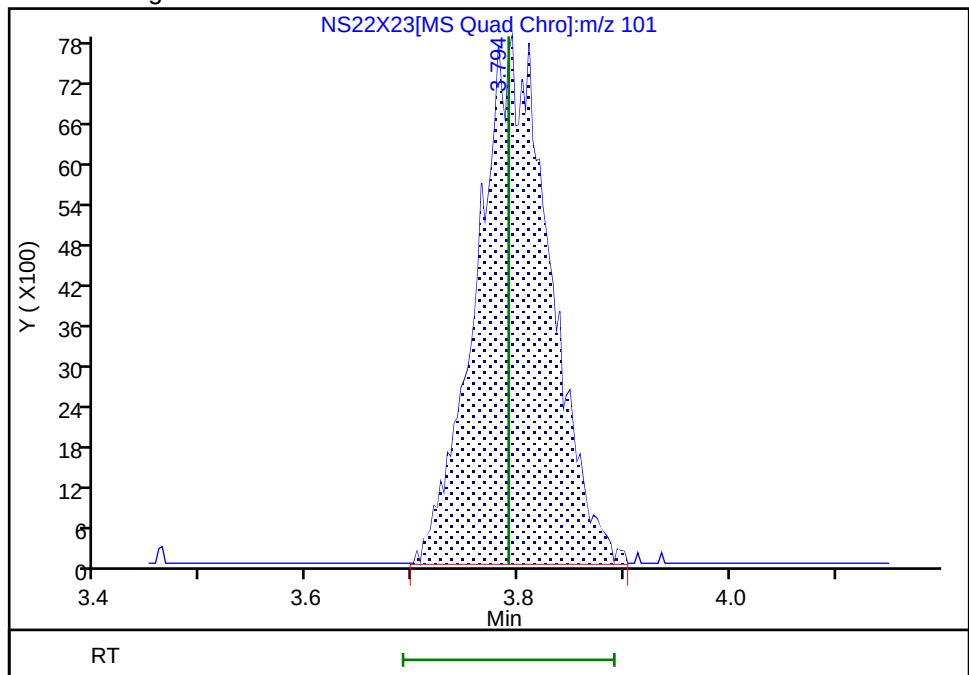
RT: 3.79
Area: 21370
Amount: 2.826911
Amount Units: ug/l

Processing Integration Results



RT: 3.79
Area: 37729
Amount: 4.417664
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

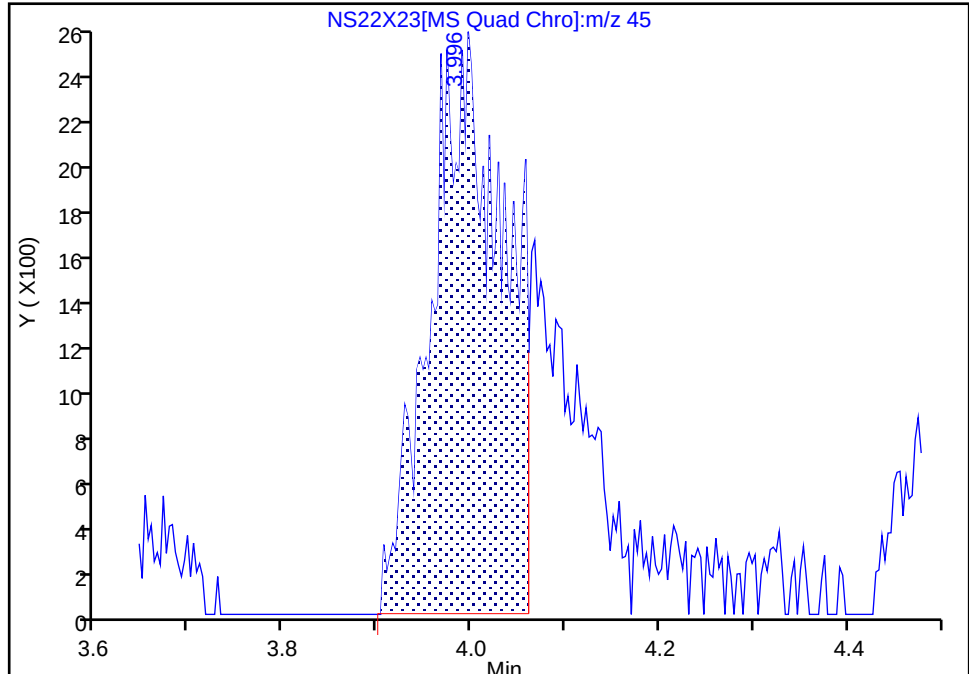
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) Detector: MS Quad

21 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

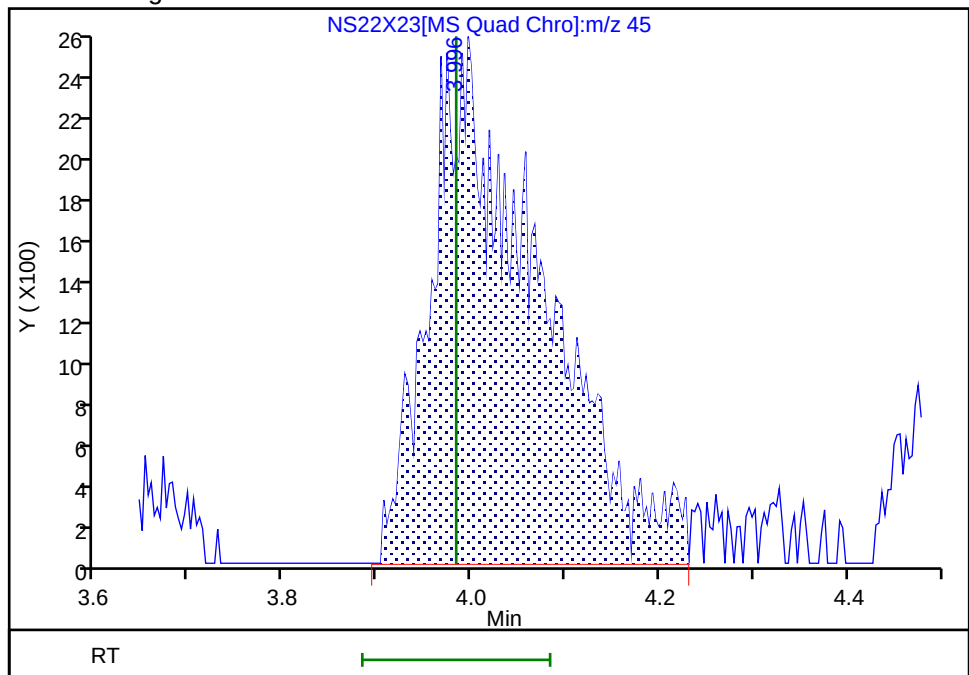
RT: 4.00
Area: 13642
Amount: 17.494259
Amount Units: ug/l

Processing Integration Results



RT: 4.00
Area: 20235
Amount: 22.327539
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:22 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

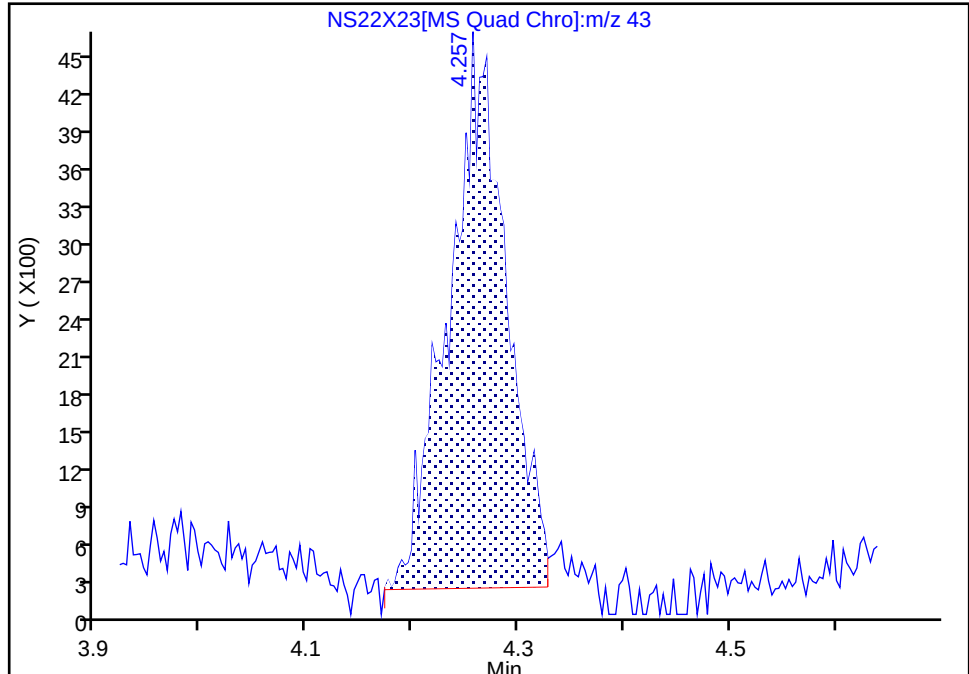
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

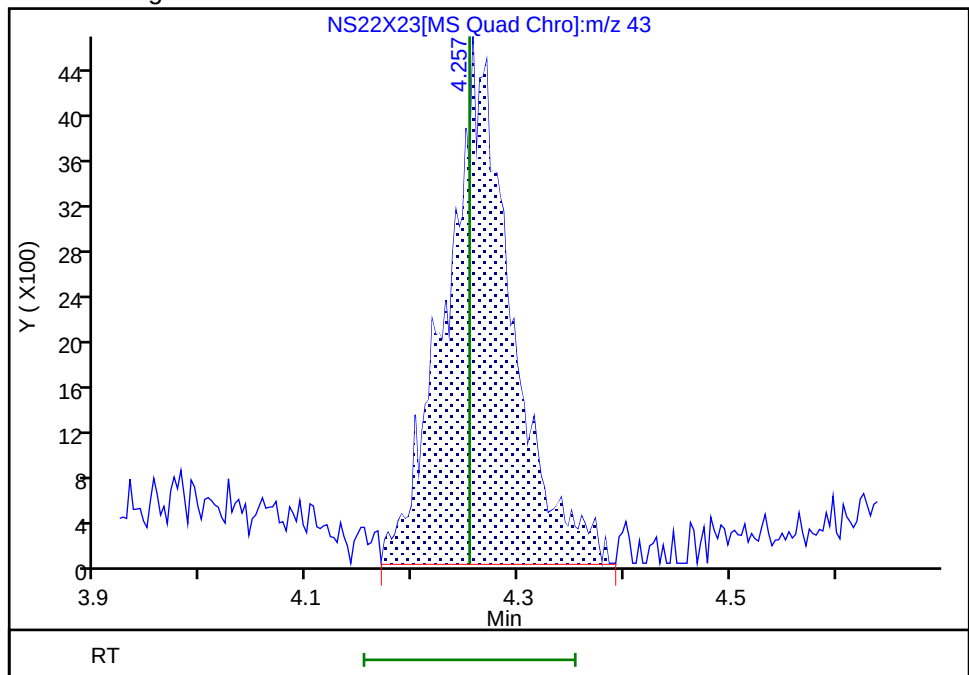
RT: 4.26
Area: 16762
Amount: 4.048931
Amount Units: ug/l

Processing Integration Results



RT: 4.26
Area: 19862
Amount: 4.463093
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

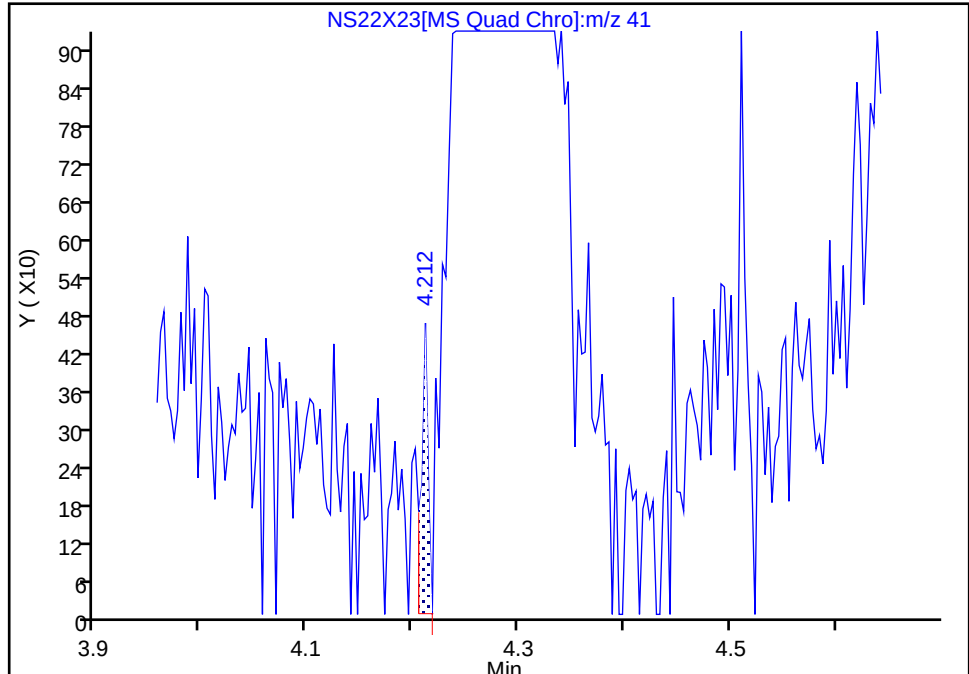
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

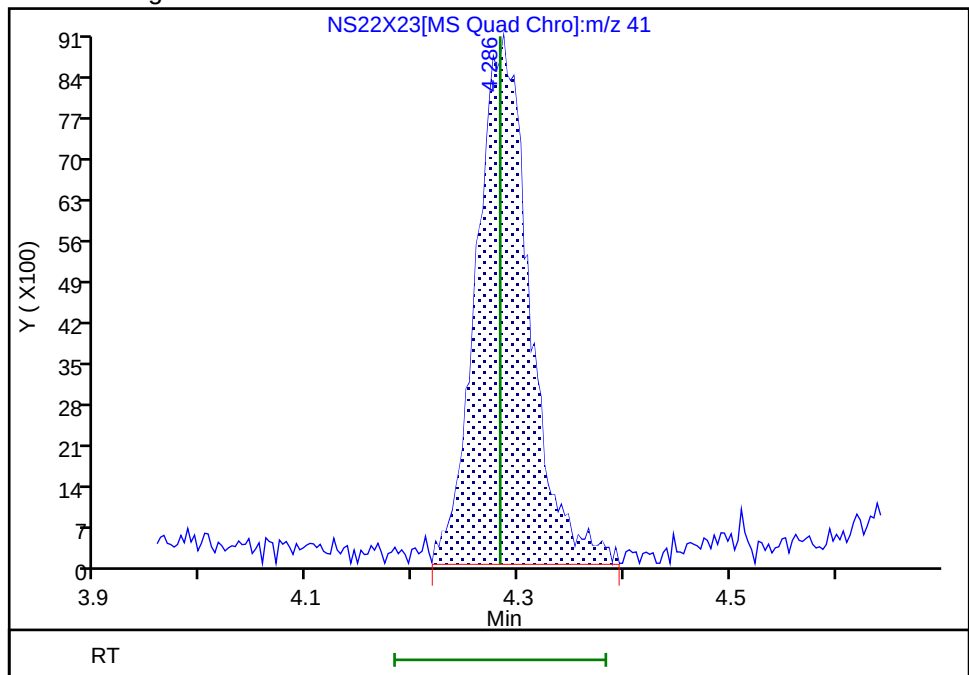
RT: 4.21
Area: 196
Amount: 0.034053
Amount Units: ug/l

Processing Integration Results



RT: 4.29
Area: 31576
Amount: 4.583204
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

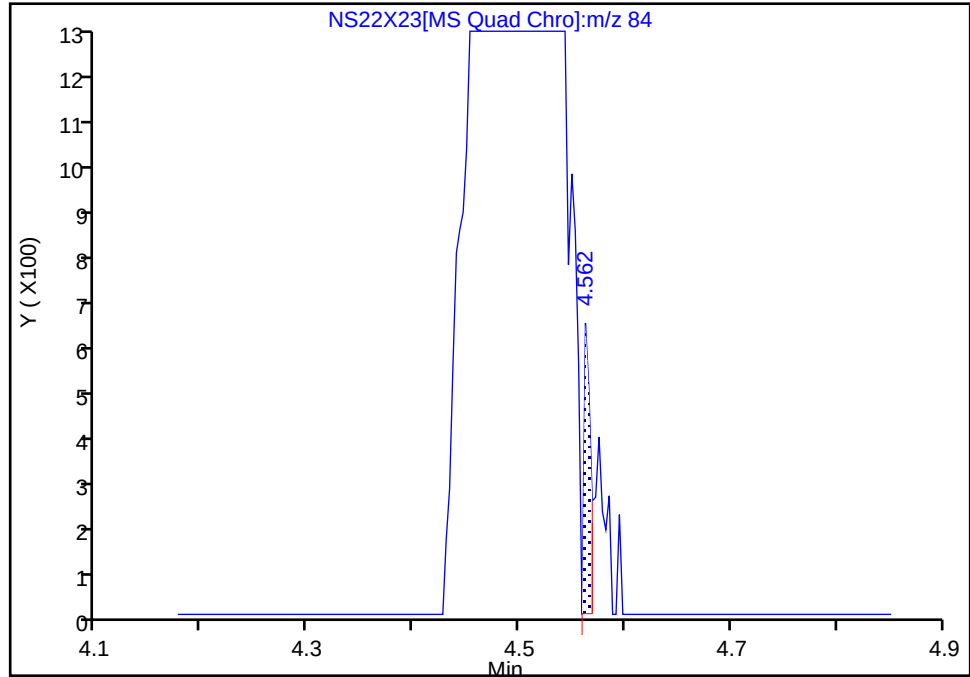
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

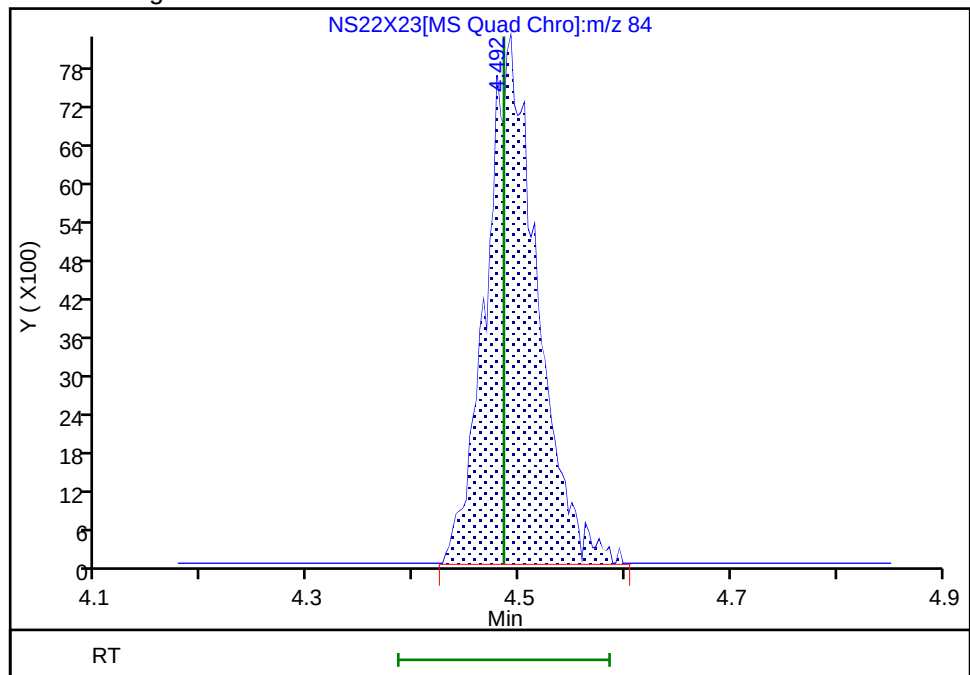
RT: 4.56
Area: 259
Amount: 0.047227
Amount Units: ug/l

Processing Integration Results



RT: 4.49
Area: 27398
Amount: 4.245543
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:31:46 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

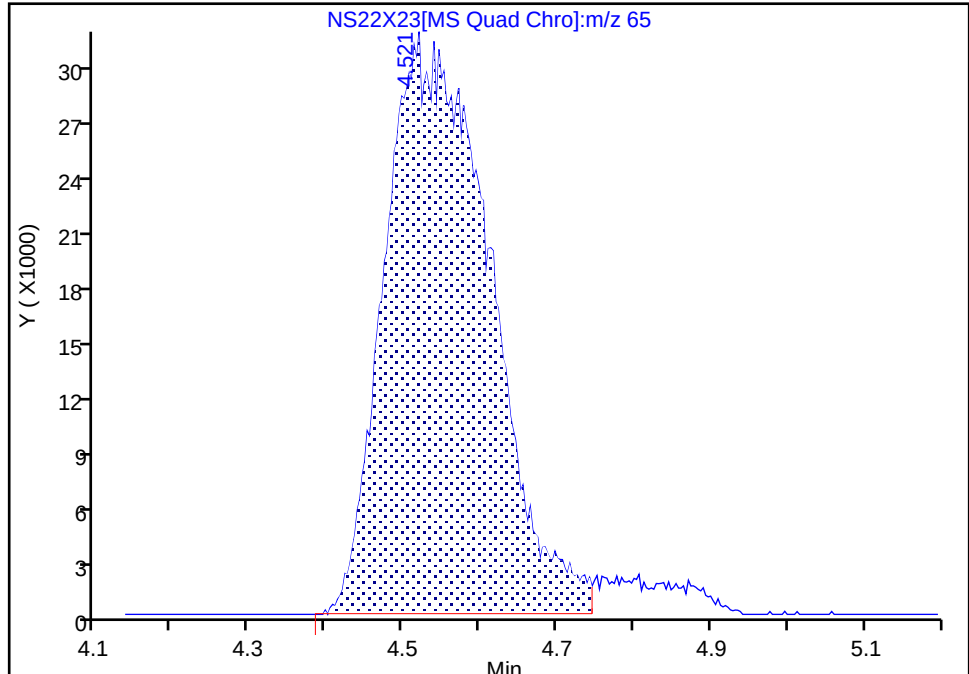
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

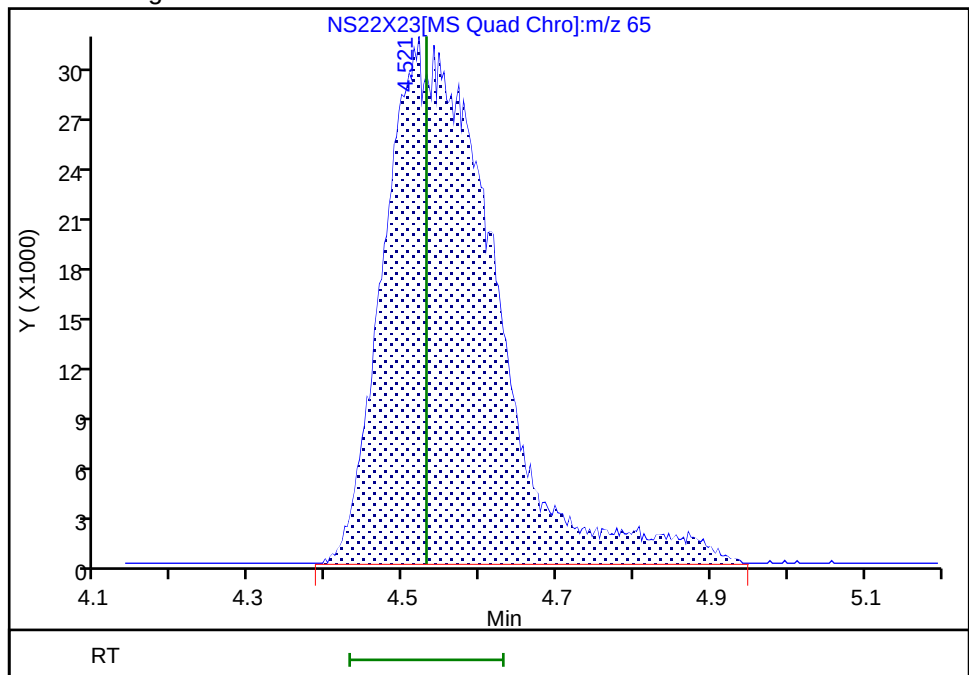
RT: 4.52
Area: 297715
Amount: 250.0000
Amount Units: ug/l

Processing Integration Results



RT: 4.52
Area: 313545
Amount: 250.0000
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

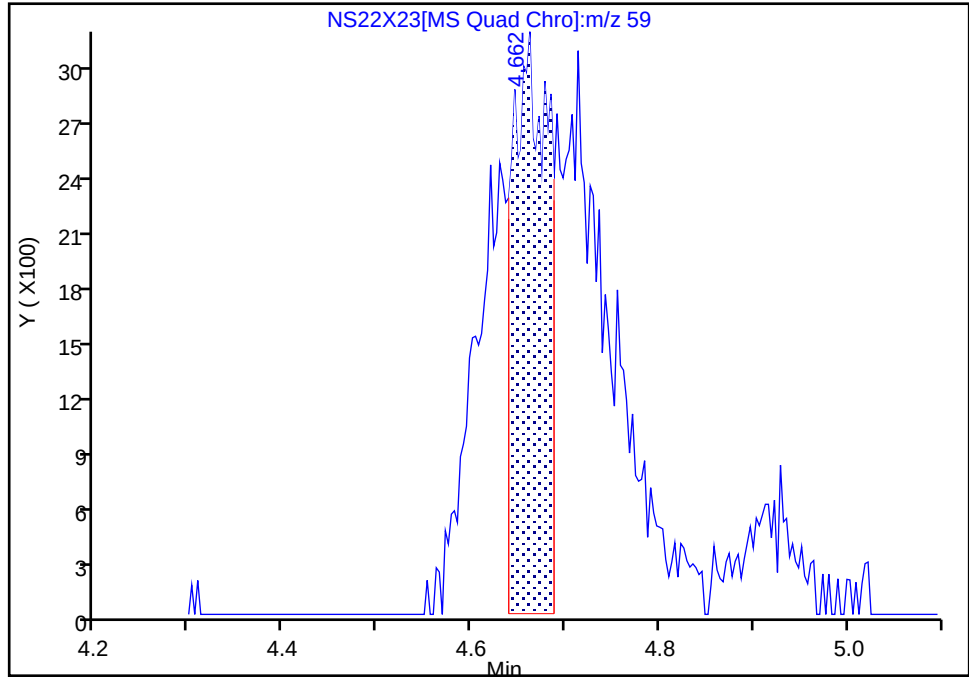
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

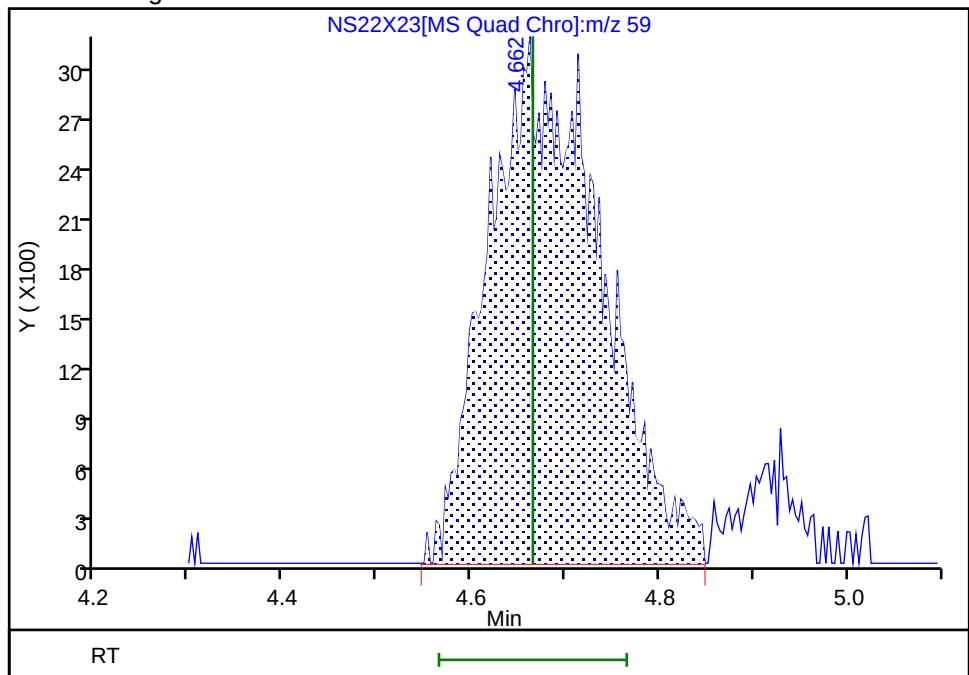
RT: 4.66
Area: 8101
Amount: 6.746672
Amount Units: ug/l

Processing Integration Results



RT: 4.66
Area: 25431
Amount: 19.200078
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:18:57 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

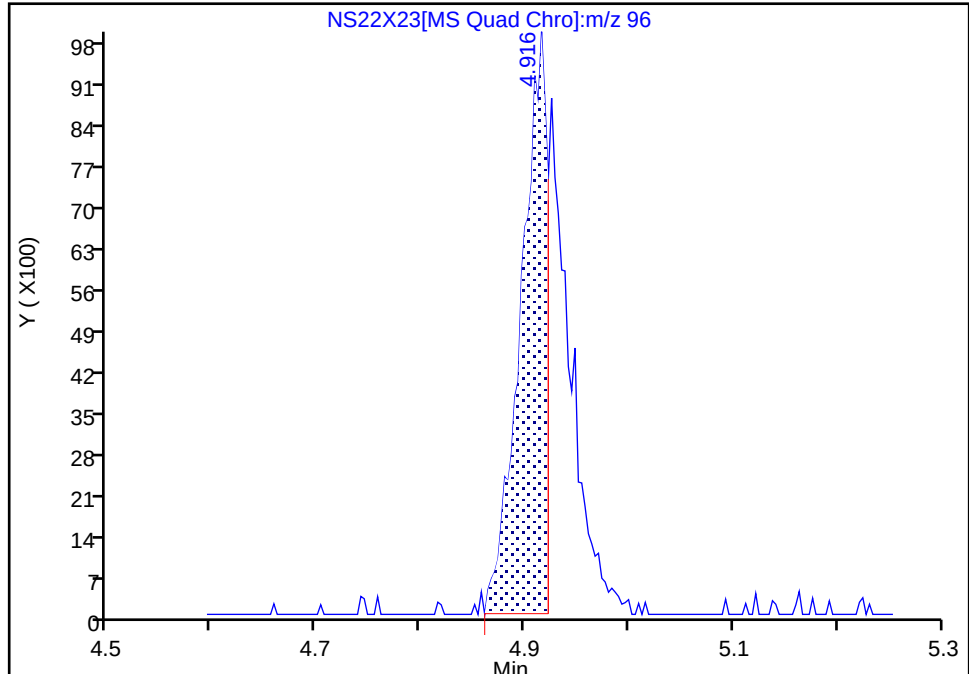
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

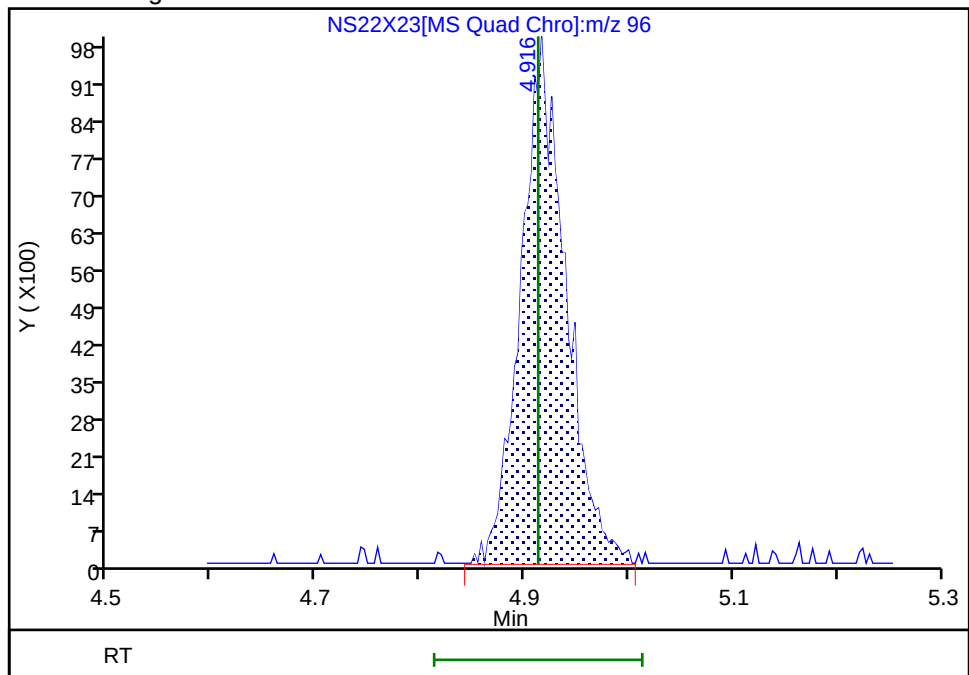
RT: 4.92
Area: 17415
Amount: 2.829635
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 29475
Amount: 4.475933
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:04 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

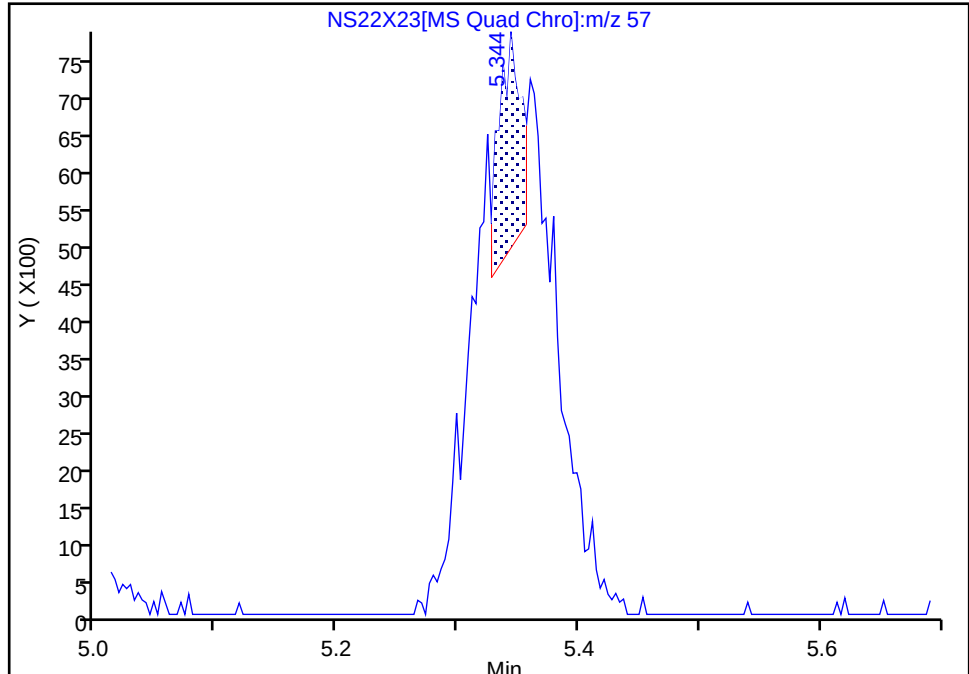
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Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

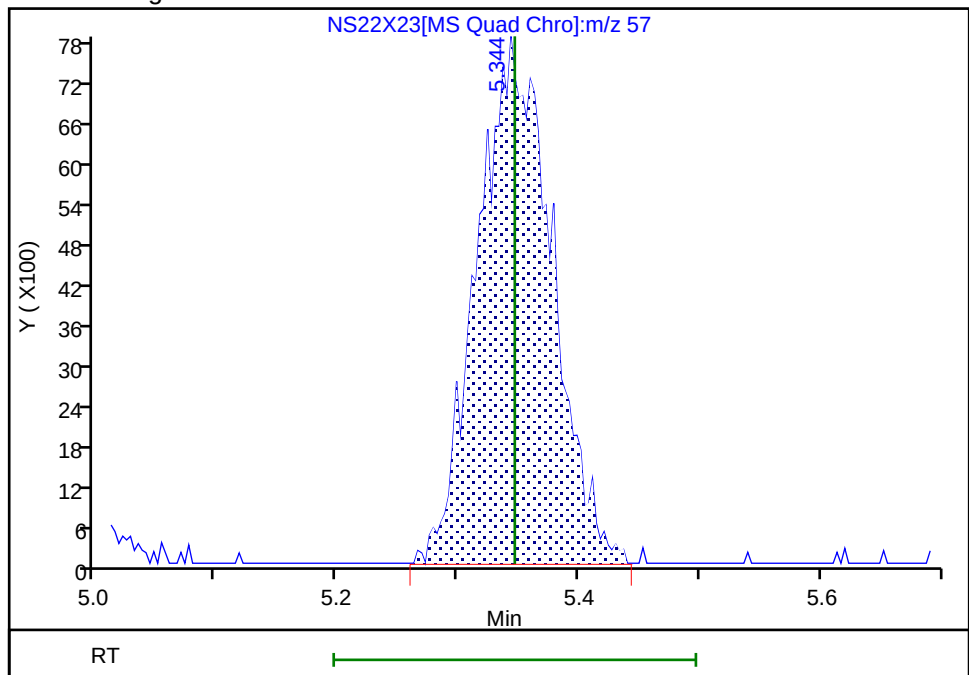
RT: 5.34
Area: 3697
Amount: 0.583453
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 33610
Amount: 4.521668
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

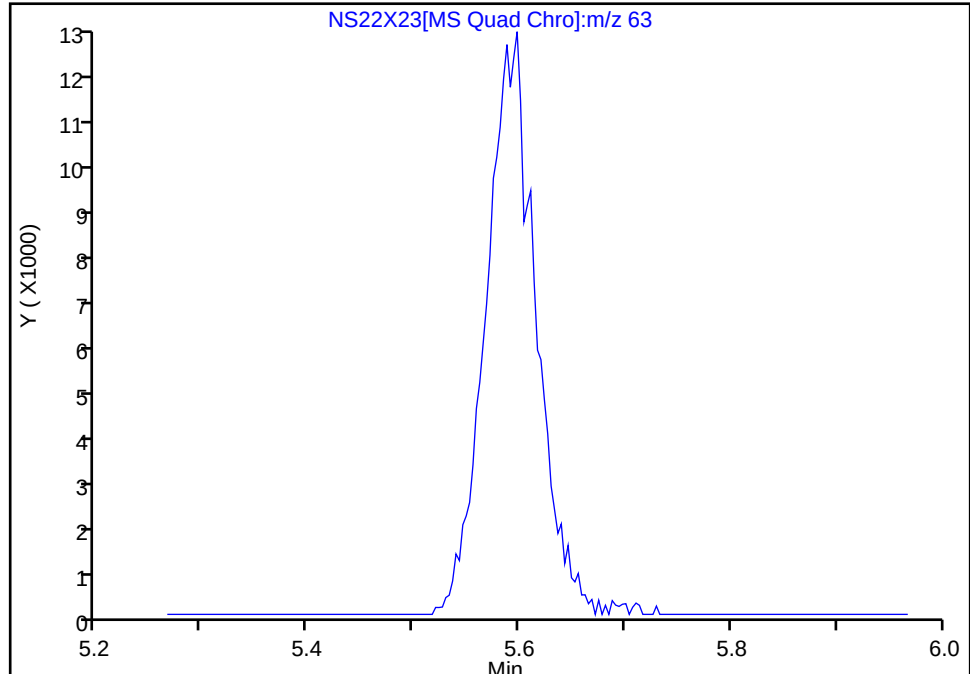
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

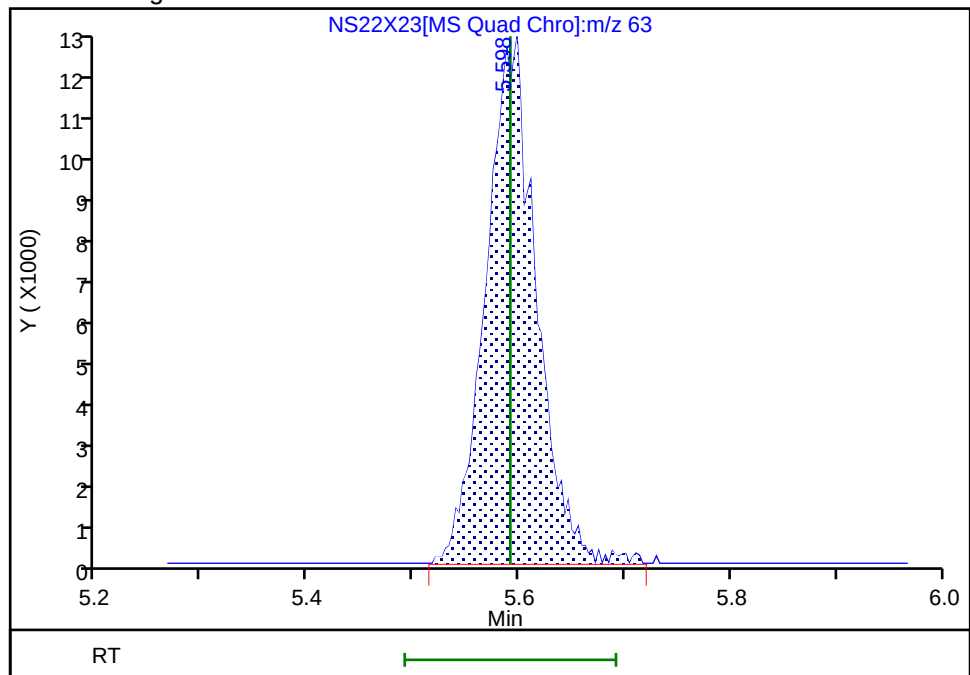
Not Detected
Expected RT: 5.59

Processing Integration Results



Manual Integration Results

RT: 5.60
Area: 42571
Amount: 4.279142
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:19:14 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

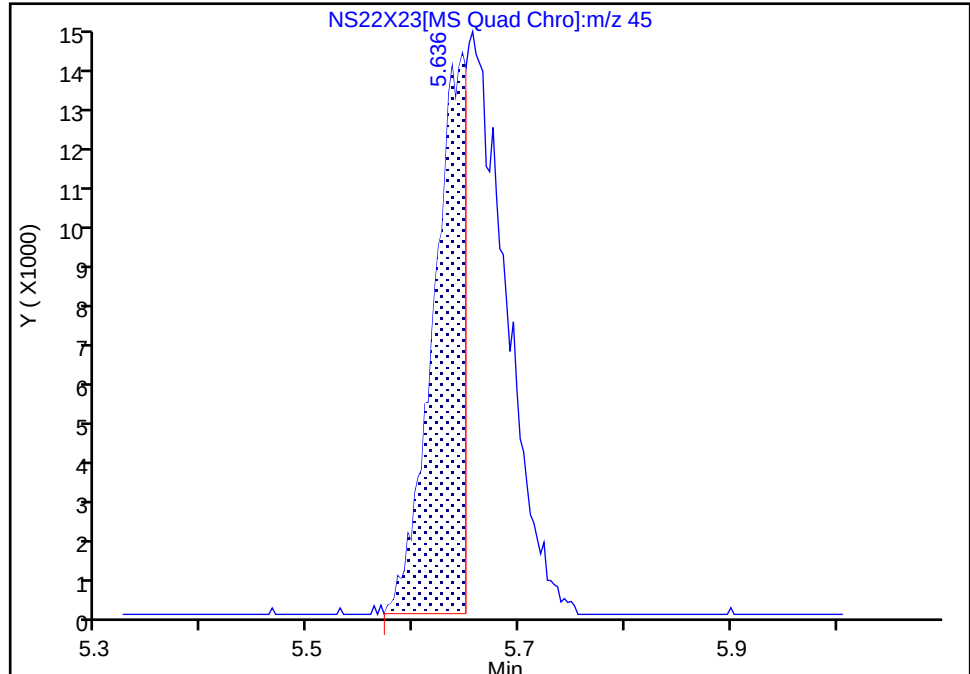
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

36 Isopropyl ether, CAS: 108-20-3

Signal: 1

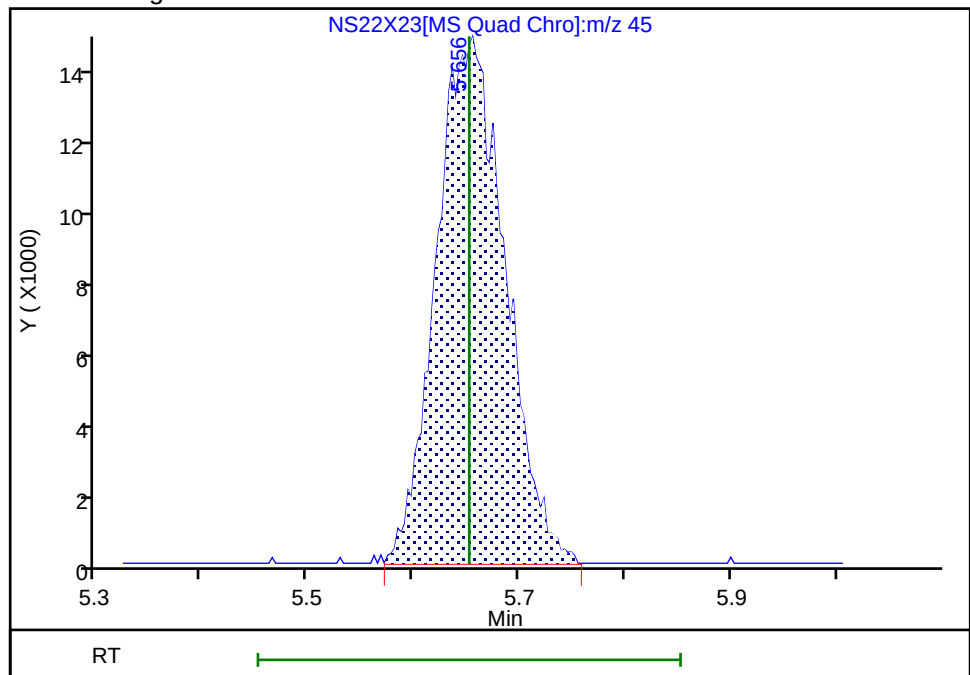
RT: 5.64
Area: 29258
Amount: 1.977113
Amount Units: ug/l

Processing Integration Results



RT: 5.66
Area: 64691
Amount: 4.027128
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:19 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

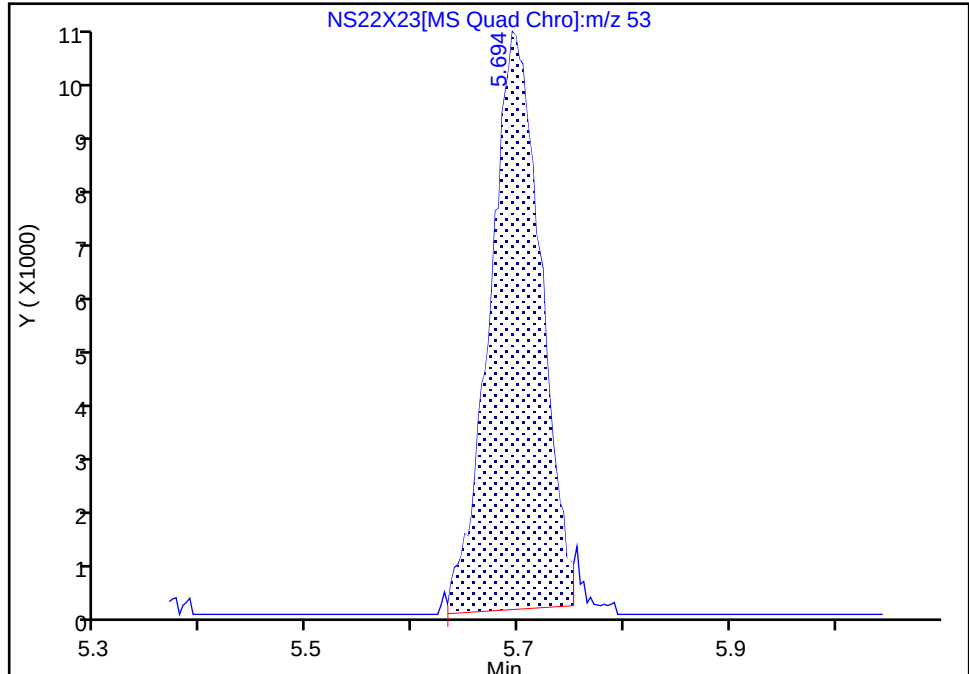
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

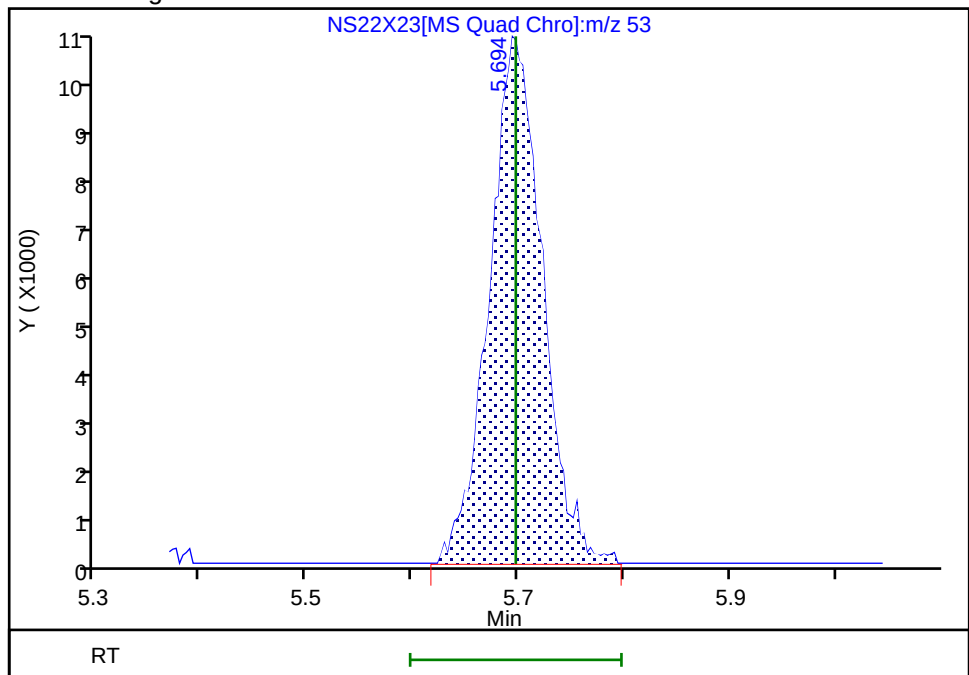
RT: 5.69
Area: 33914
Amount: 4.100188
Amount Units: ug/l

Processing Integration Results



RT: 5.69
Area: 35471
Amount: 4.259790
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:25 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

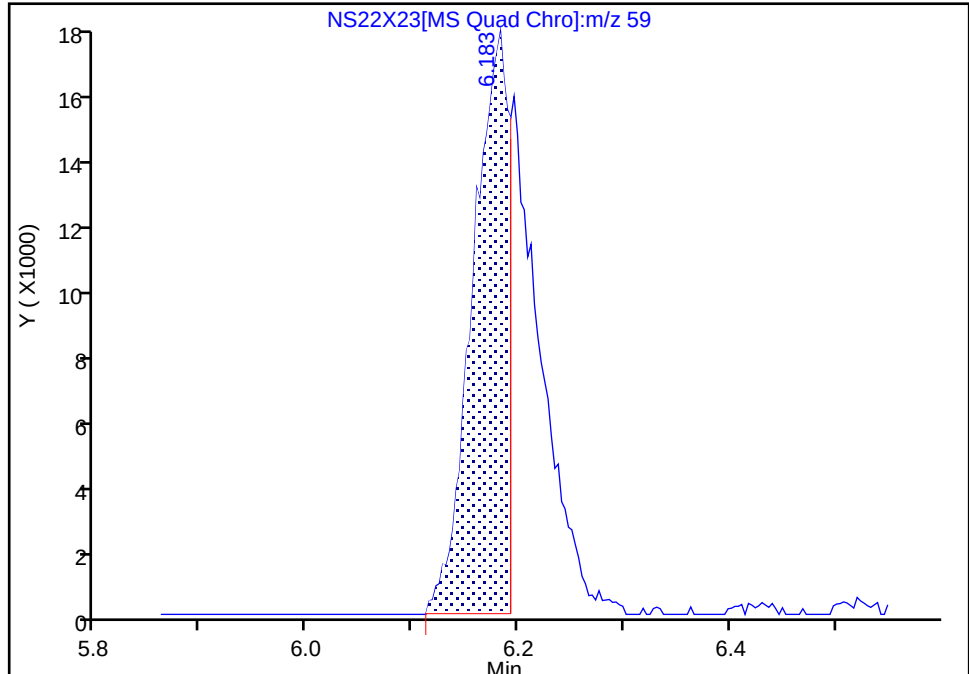
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

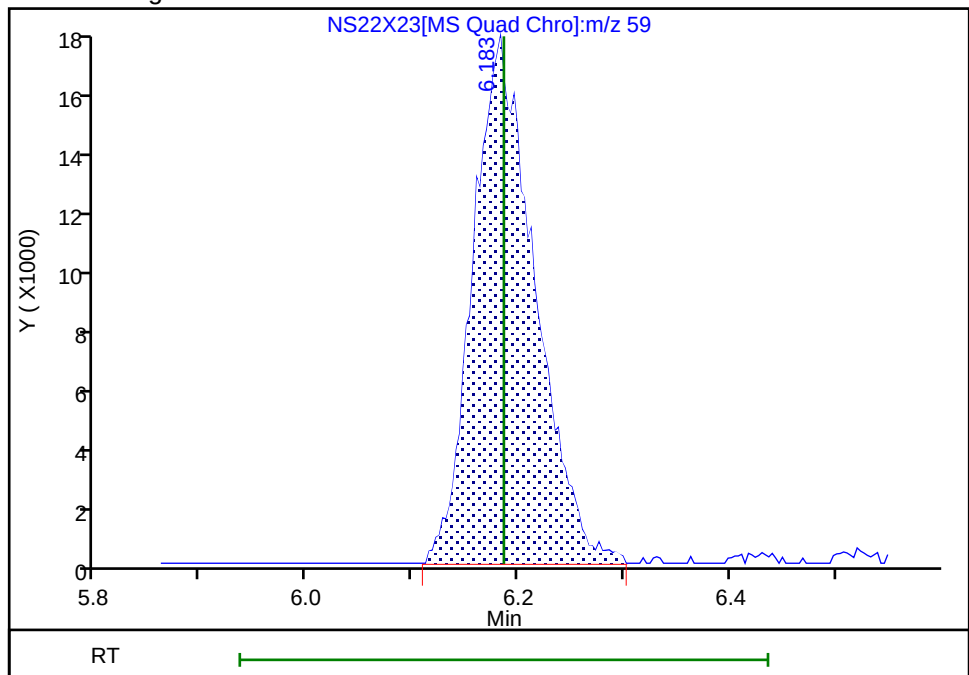
RT: 6.18
Area: 41838
Amount: 2.498276
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 71137
Amount: 3.980794
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

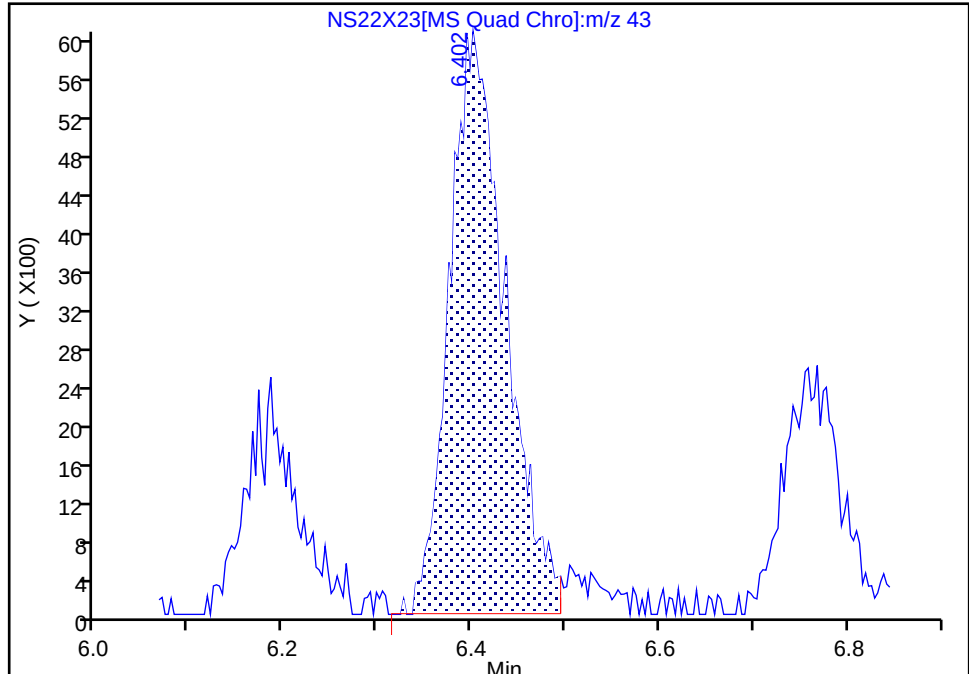
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

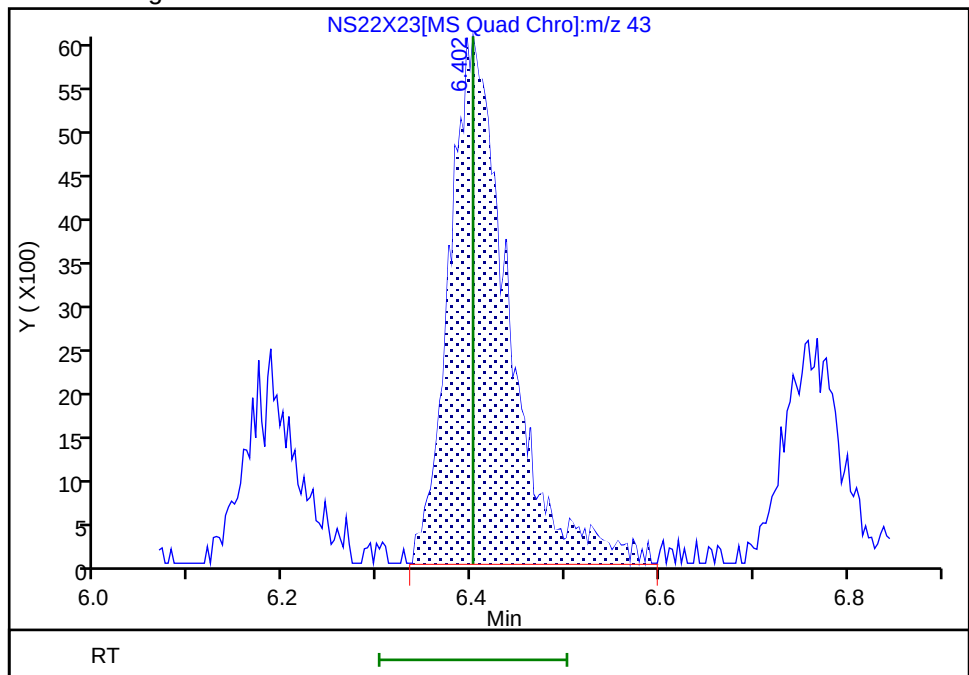
RT: 6.40
Area: 24681
Amount: 7.137682
Amount Units: ug/l

Processing Integration Results



RT: 6.40
Area: 26088
Amount: 8.173253
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:19:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

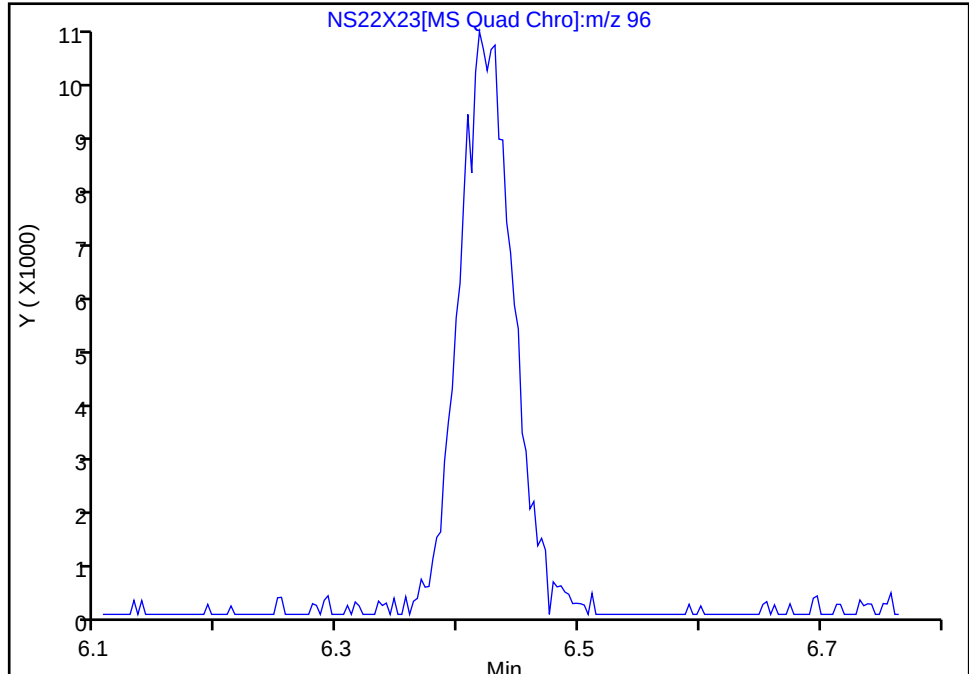
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

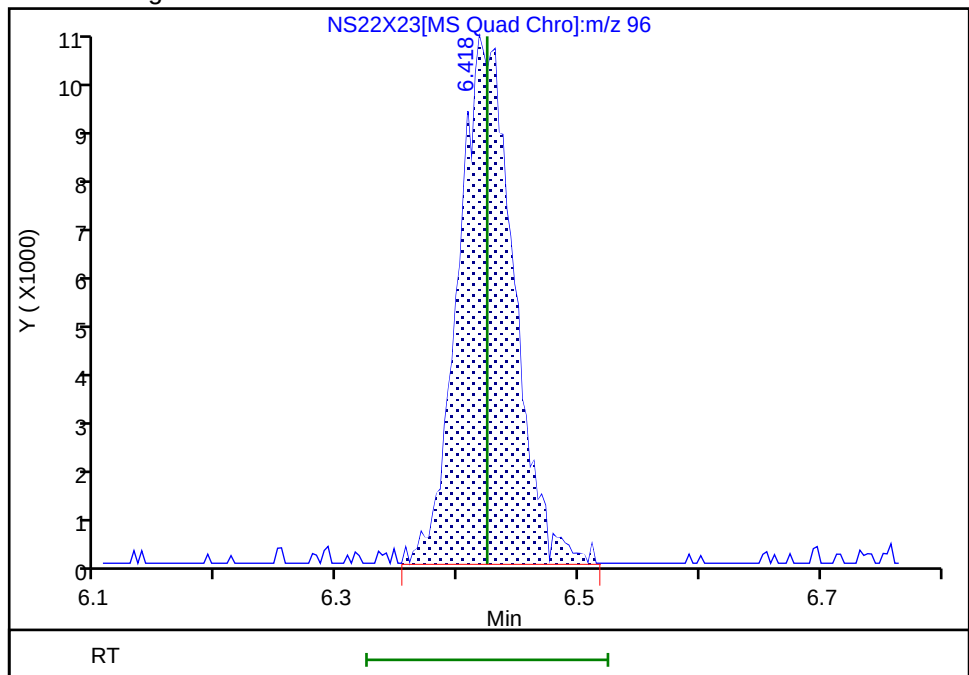
Not Detected
Expected RT: 6.42

Processing Integration Results



RT: 6.42
Area: 33033
Amount: 4.369790
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

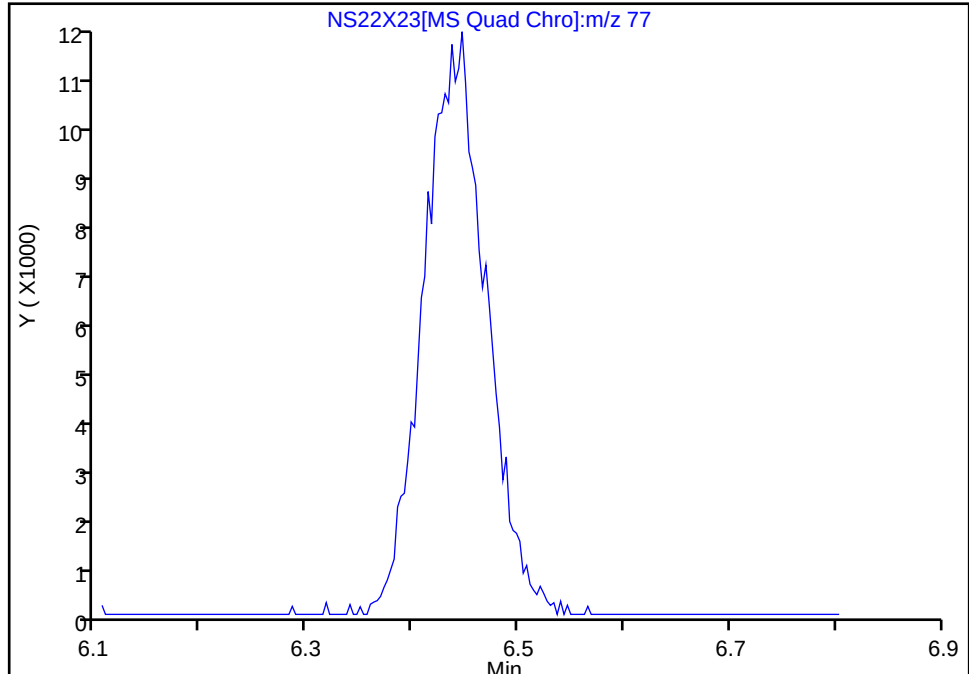
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

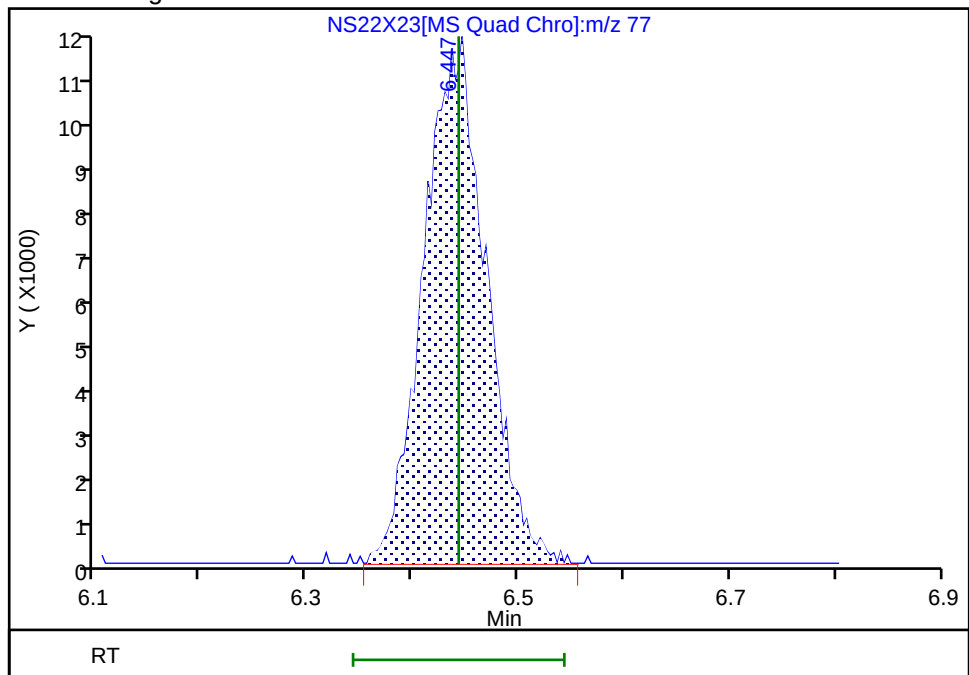
Signal: 1

Not Detected
Expected RT: 6.44

Processing Integration Results



Manual Integration Results



RT: 6.45
Area: 48062
Amount: 4.303684
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:20:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

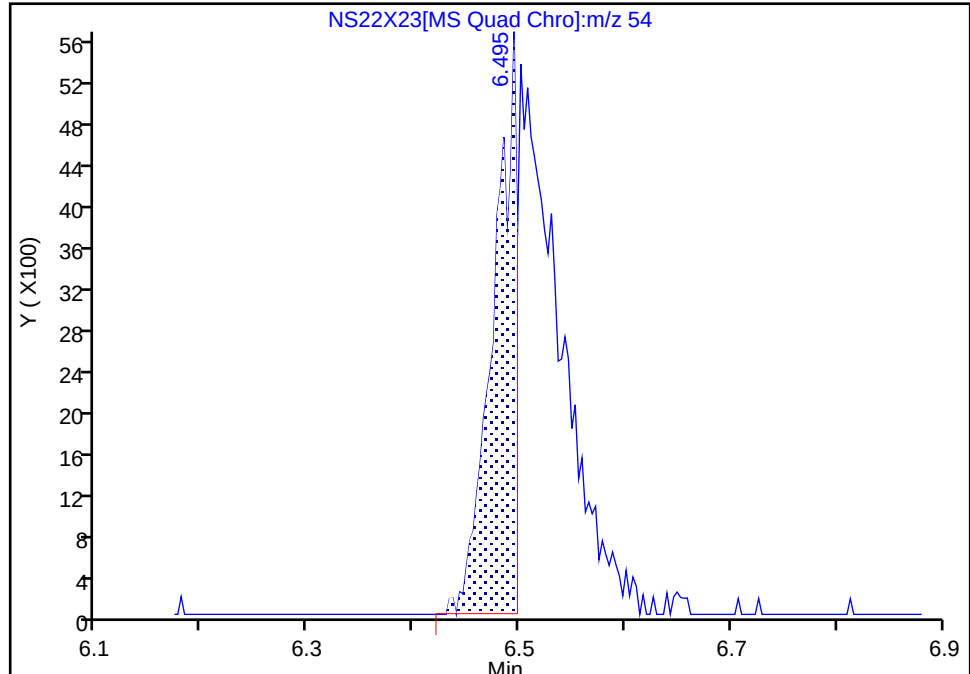
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

44 Propionitrile, CAS: 107-12-0

Signal: 1

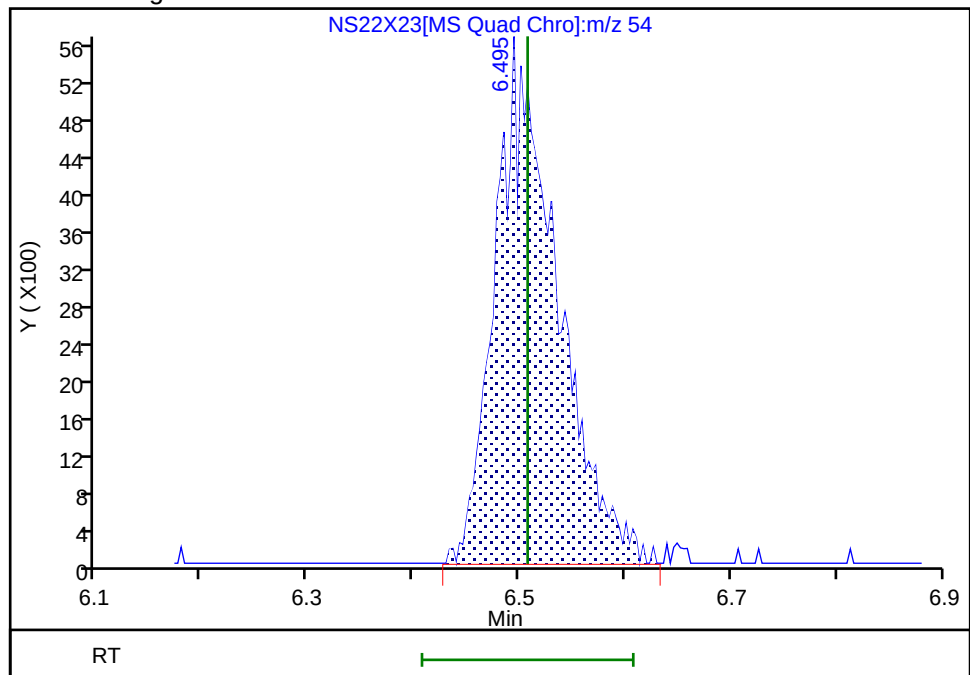
RT: 6.49
Area: 8494
Amount: 8.135478
Amount Units: ug/l

Processing Integration Results



RT: 6.49
Area: 22522
Amount: 19.682435
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

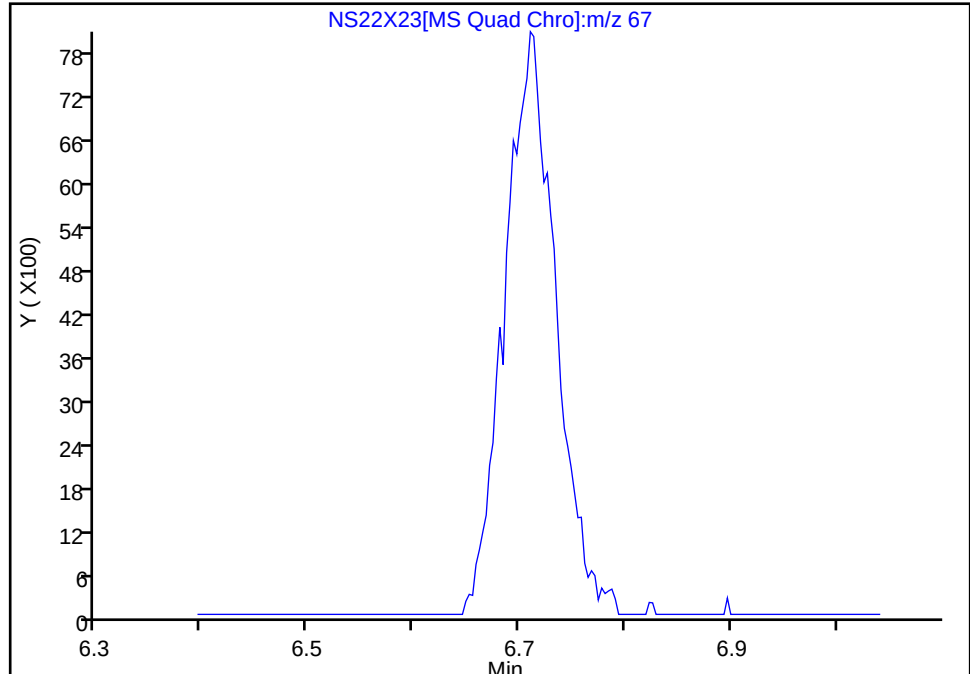
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

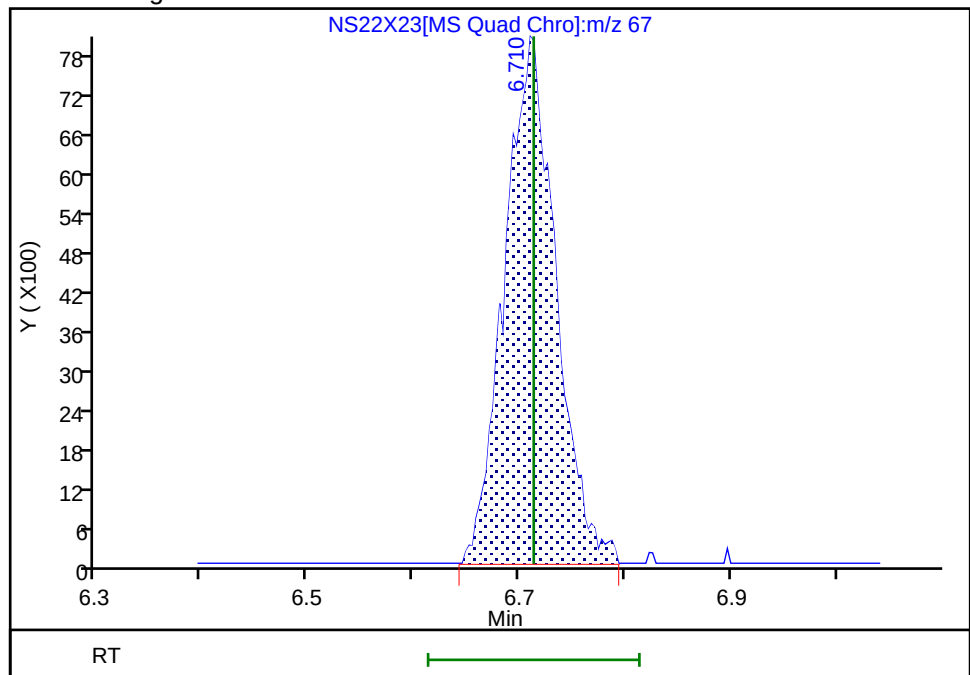
Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results

RT: 6.71
Area: 26813
Amount: 9.887486
Amount Units: ug/l



Reviewer: JS6E, 23-Sep-2025 04:20:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

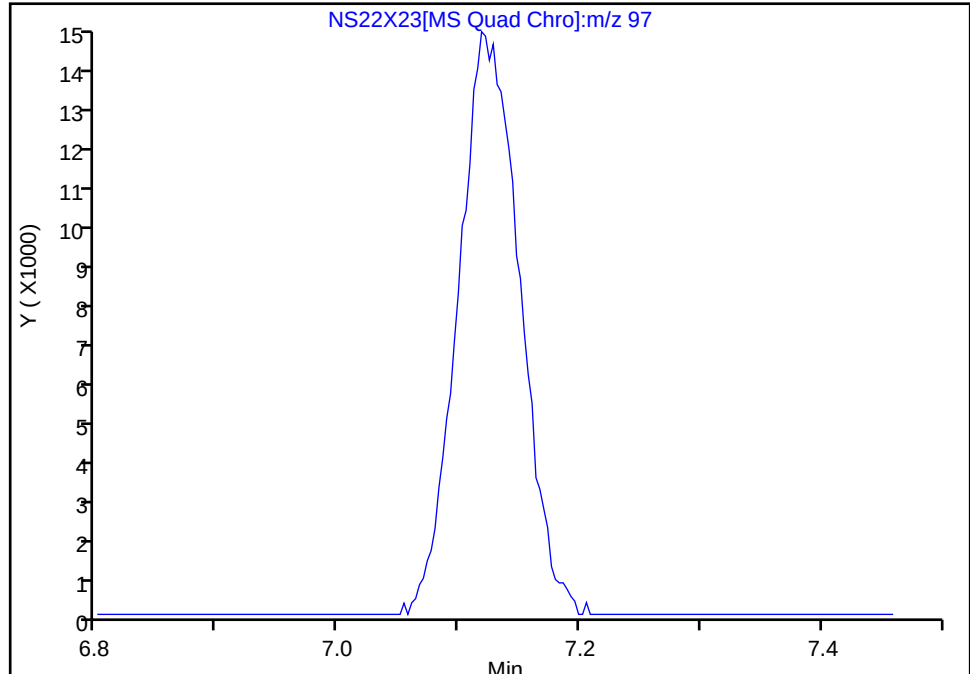
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

51 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

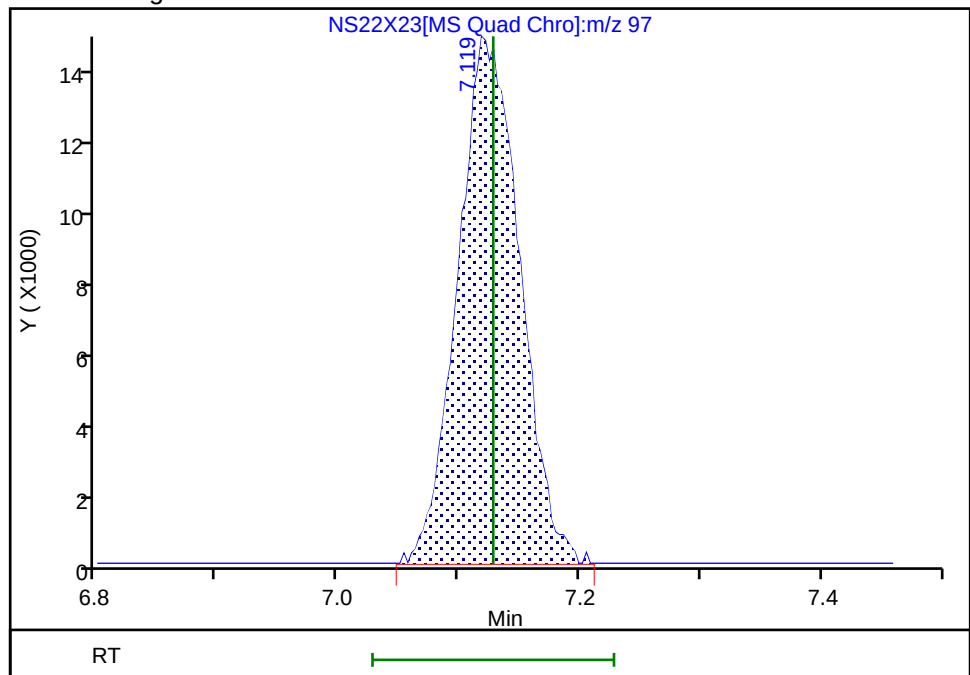
Not Detected
Expected RT: 7.13

Processing Integration Results



RT: 7.12
Area: 53334
Amount: 4.218648
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

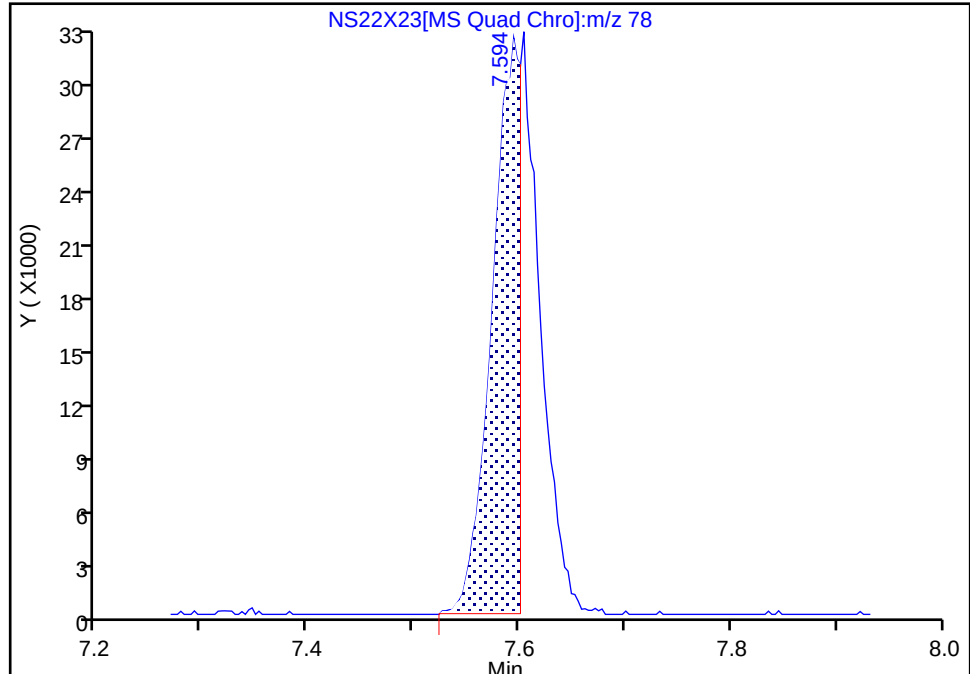
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

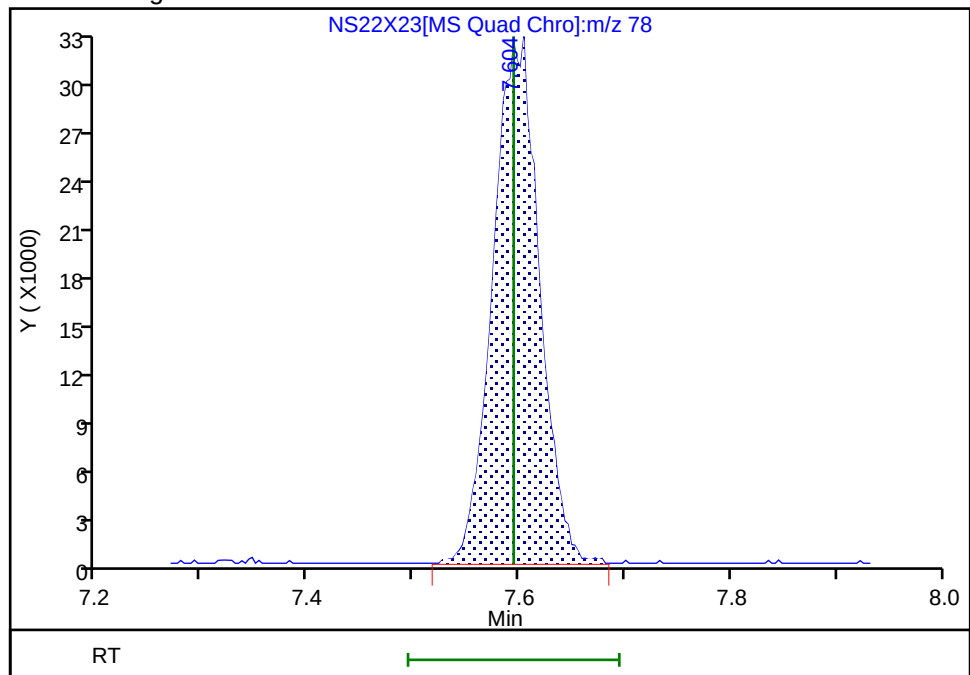
RT: 7.59
Area: 59903
Amount: 2.802389
Amount Units: ug/l

Processing Integration Results



RT: 7.60
Area: 99455
Amount: 4.088697
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

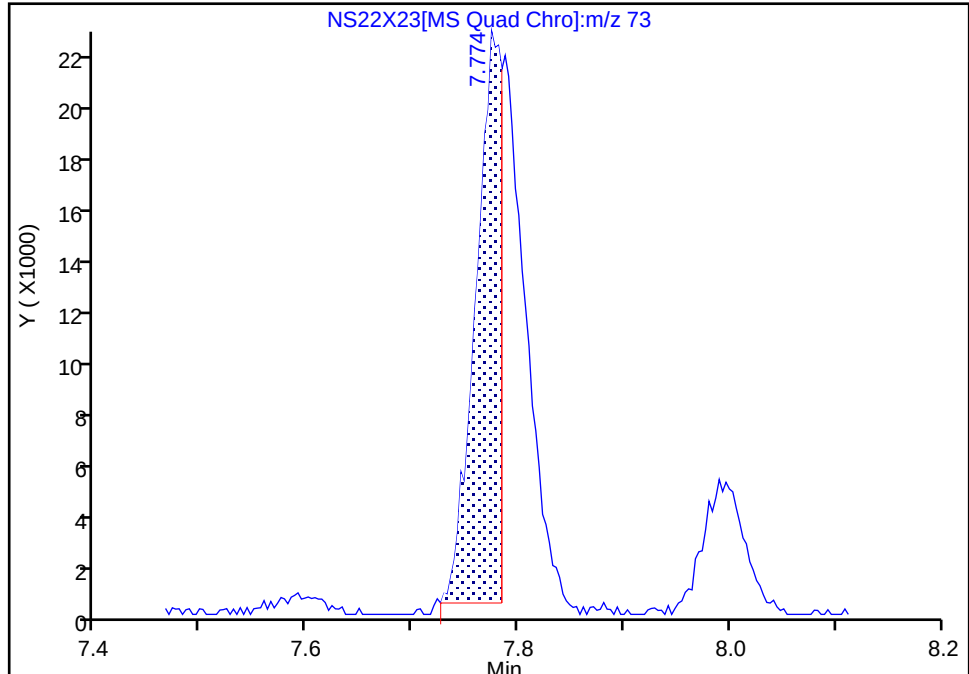
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

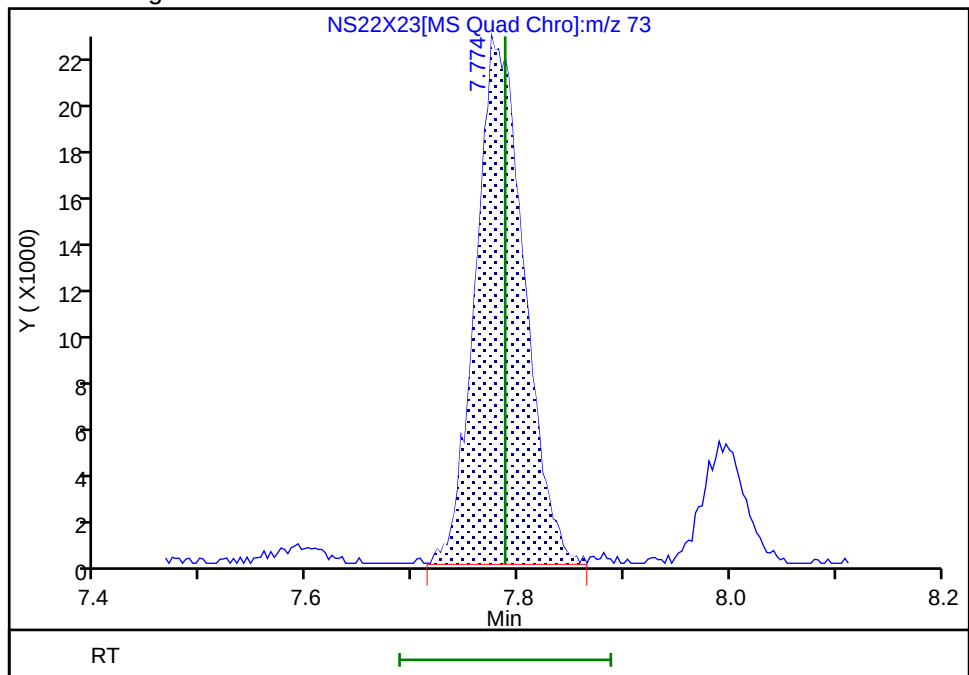
RT: 7.77
Area: 37031
Amount: 2.196305
Amount Units: ug/l

Processing Integration Results



RT: 7.77
Area: 70787
Amount: 3.918209
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:36 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

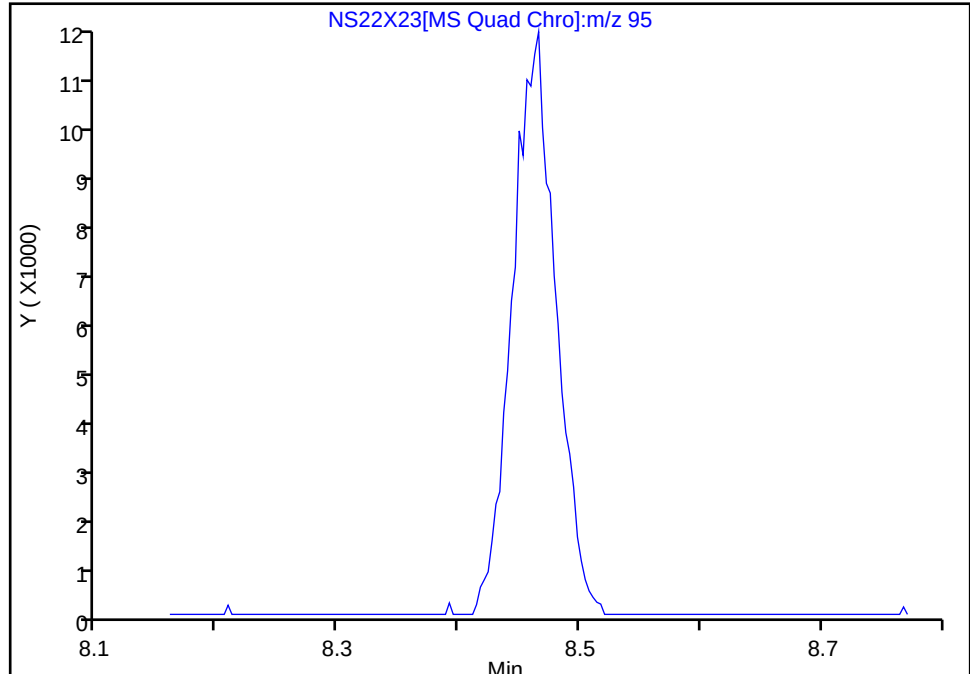
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

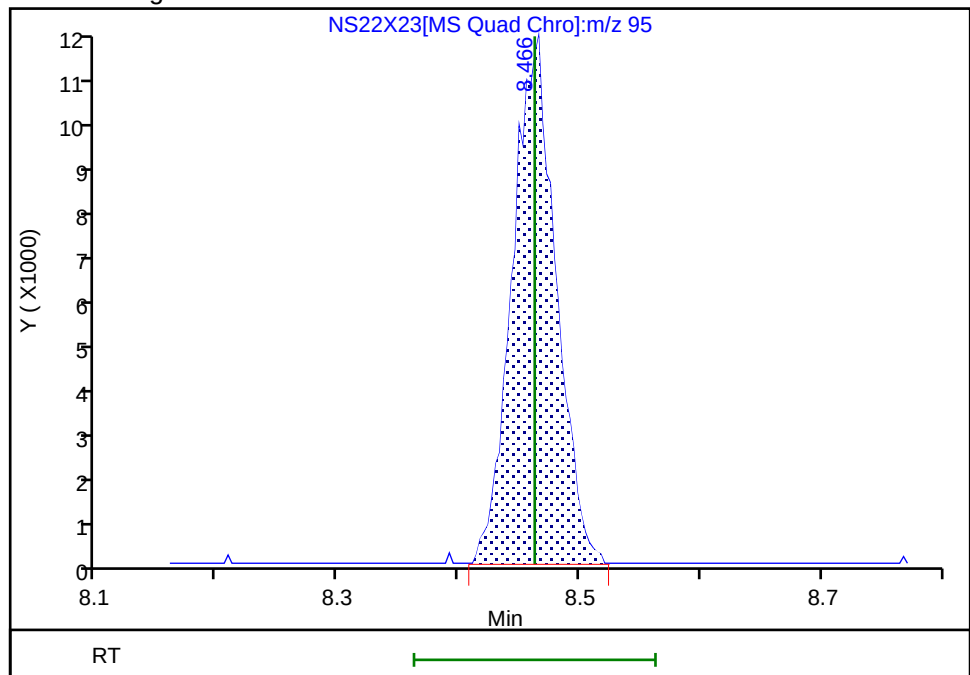
Signal: 1

Not Detected
Expected RT: 8.46

Processing Integration Results



Manual Integration Results



RT: 8.47
Area: 29850
Amount: 4.152472
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:20:42 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

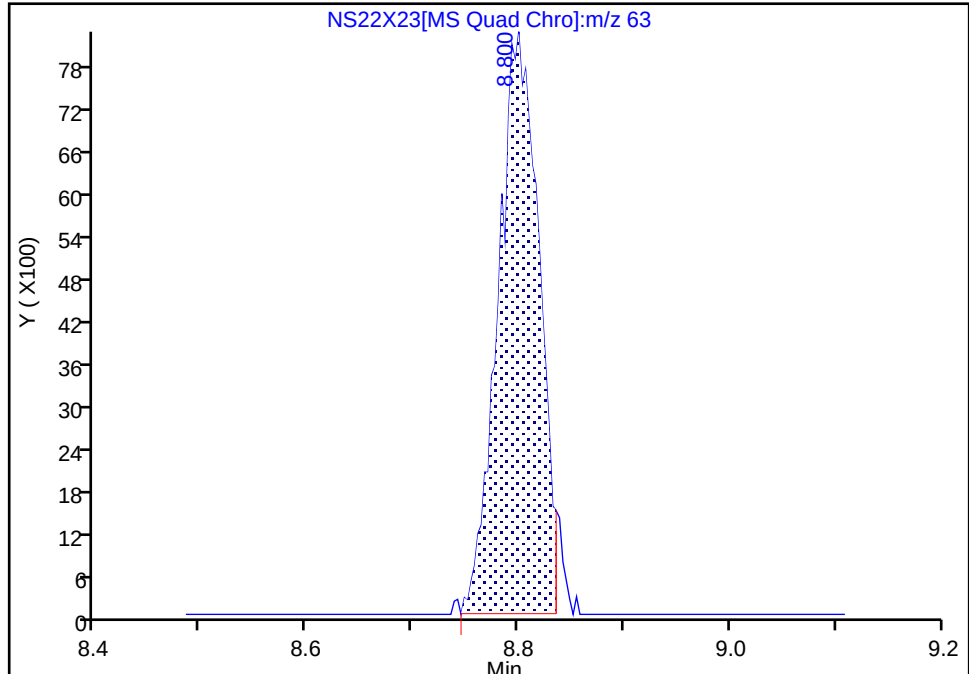
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

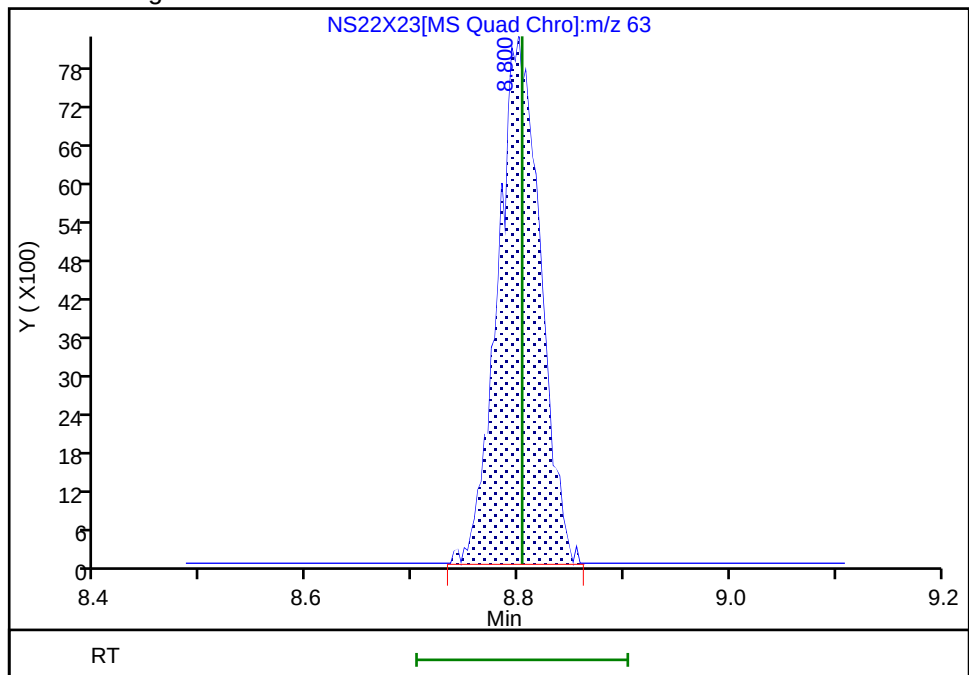
RT: 8.80
Area: 22241
Amount: 3.893469
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 22909
Amount: 3.993728
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:20:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

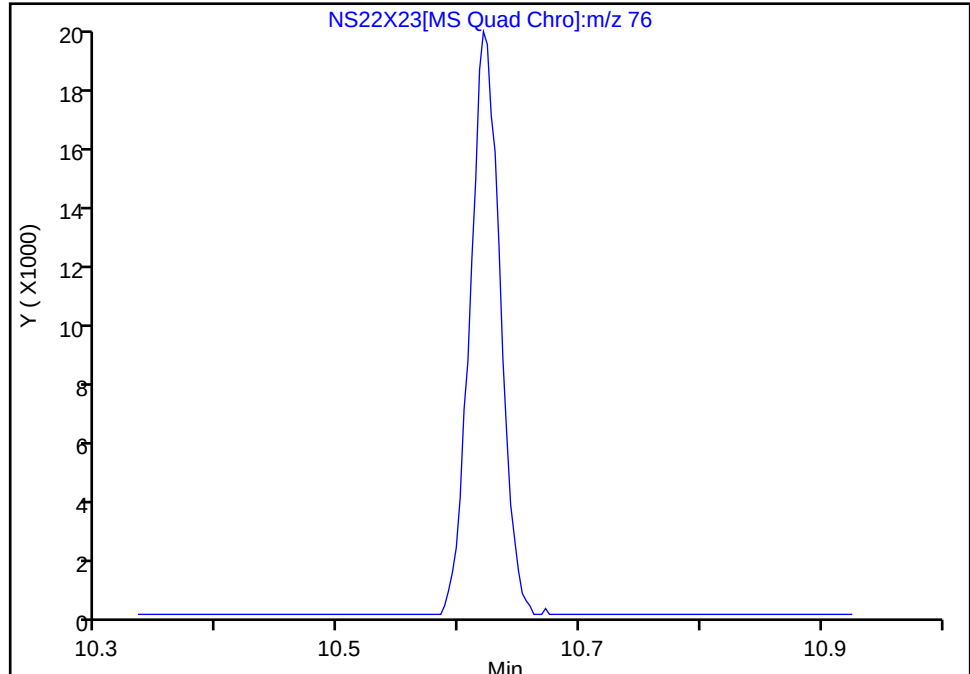
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

124 1,3-Dichloropropane, CAS: 142-28-9

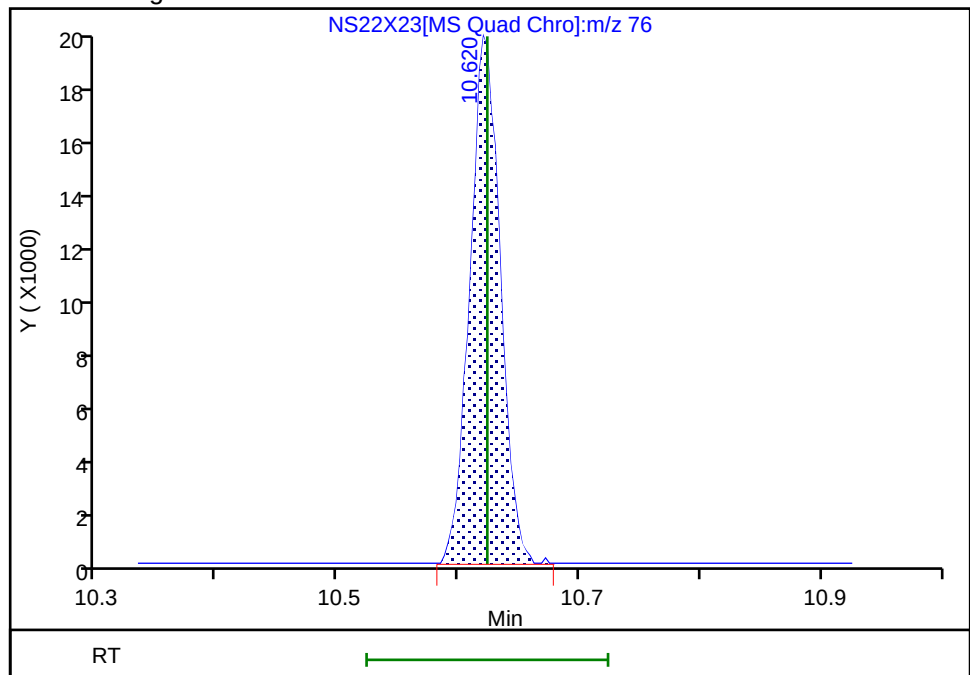
Signal: 1

Not Detected
Expected RT: 10.62

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:21:00 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

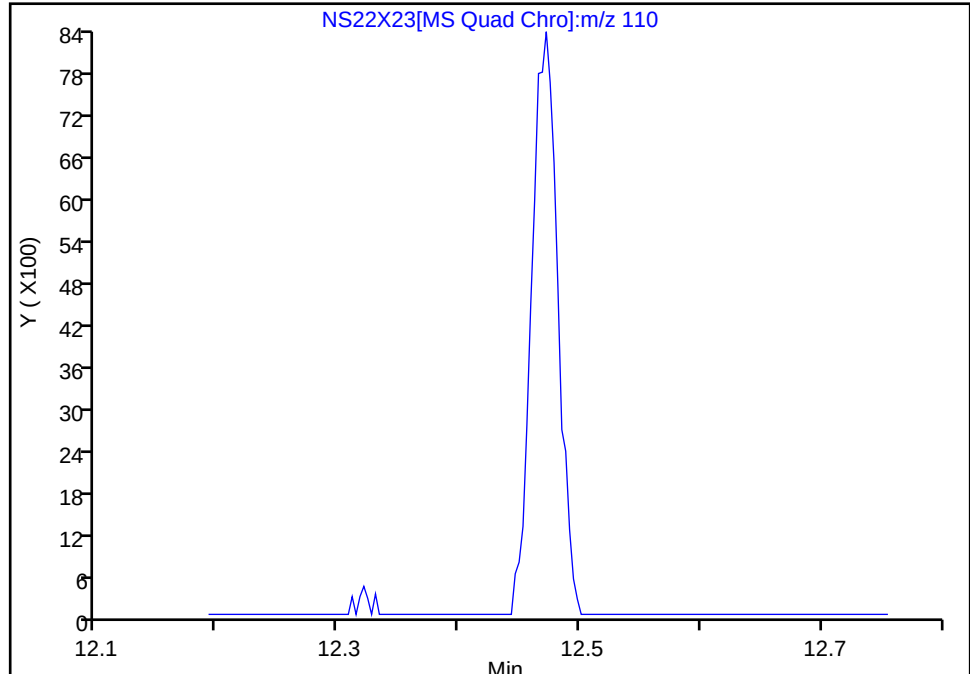
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

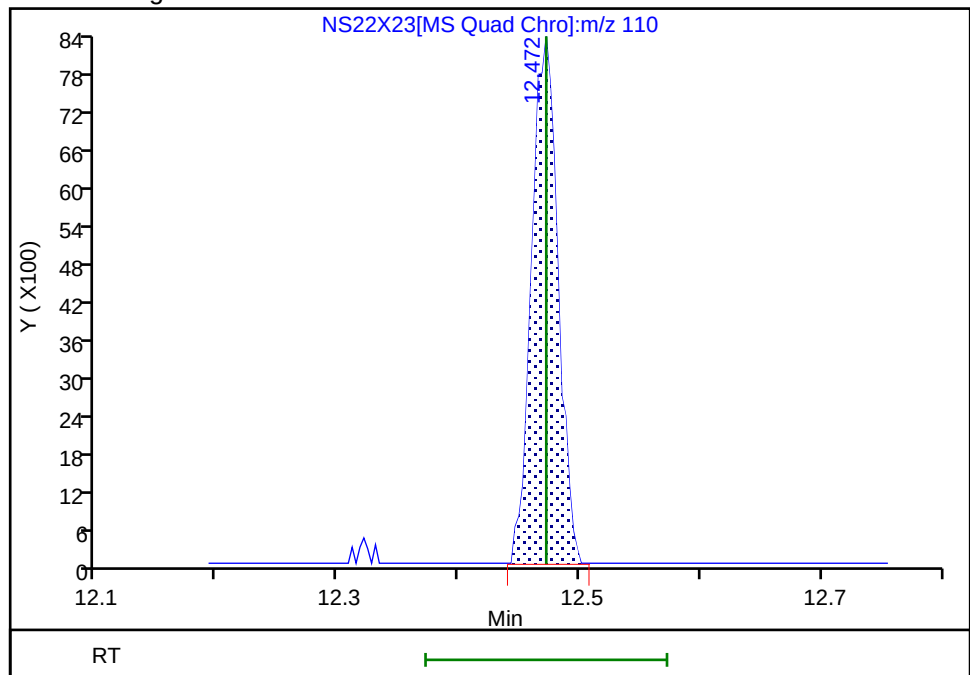
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 12549
Amount: 3.995389
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:21:10 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

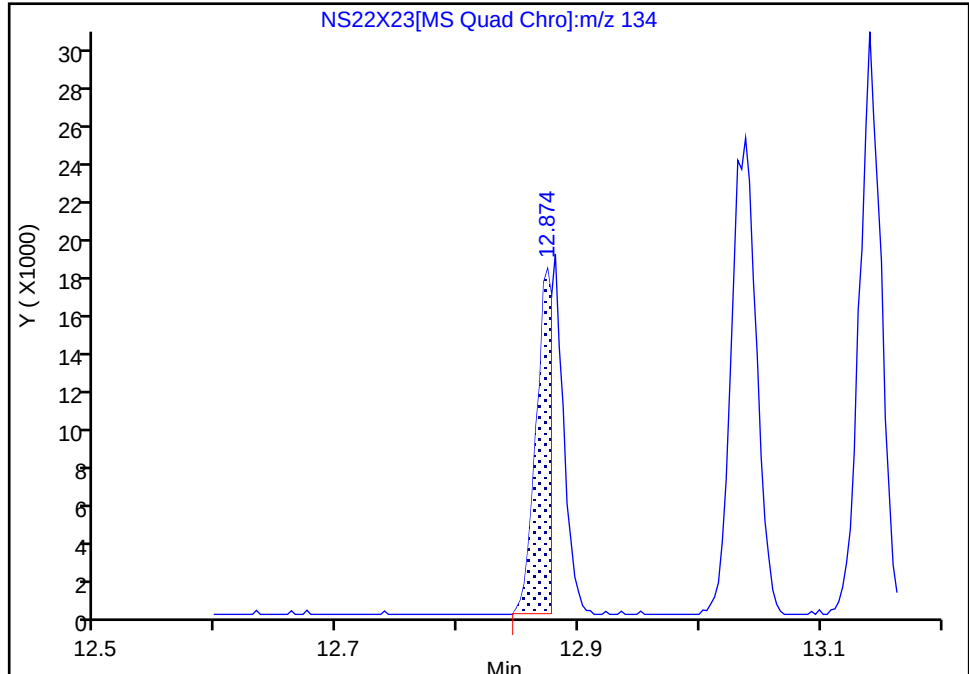
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

154 tert-Butylbenzene, CAS: 98-06-6

Signal: 1

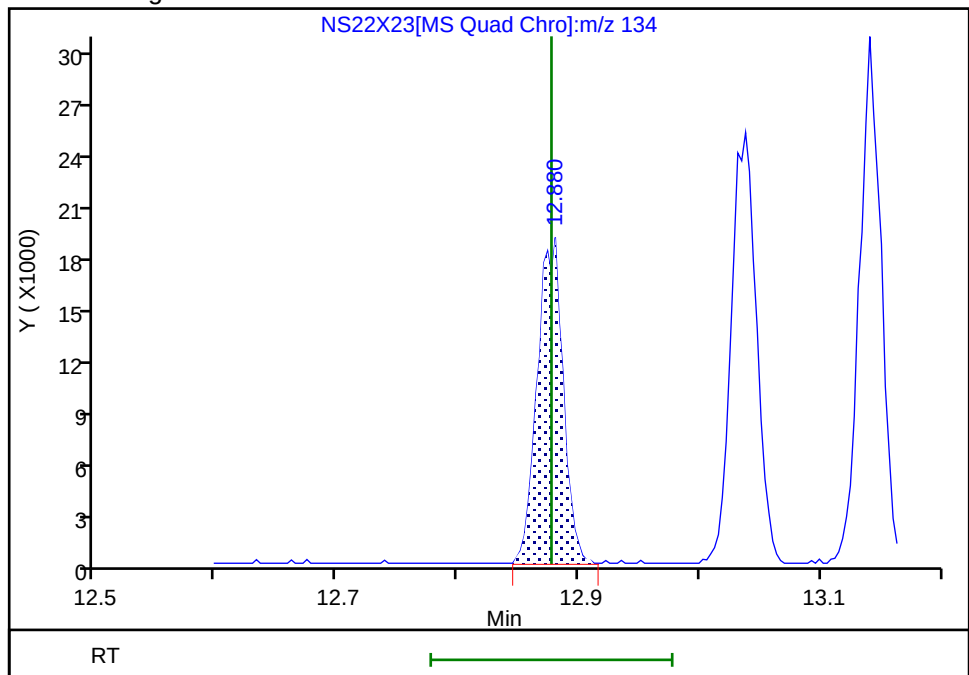
RT: 12.87
Area: 16815
Amount: 2.519001
Amount Units: ug/l

Processing Integration Results



RT: 12.88
Area: 28009
Amount: 3.958841
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:21:55 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

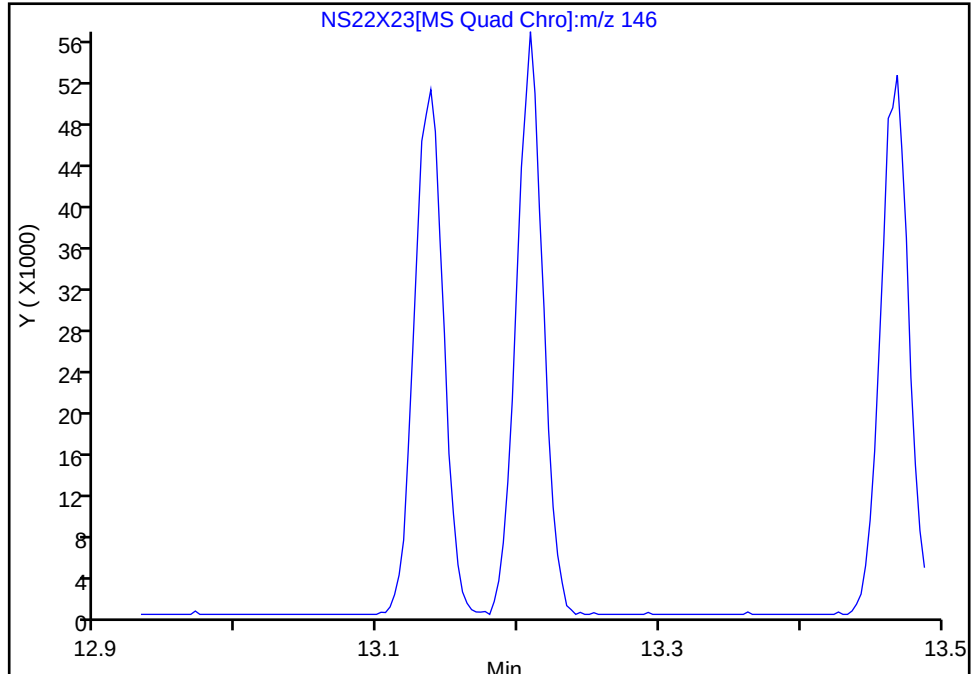
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Injection Date: 22-Sep-2025 22:59:14 Instrument ID: 7159
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 22 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

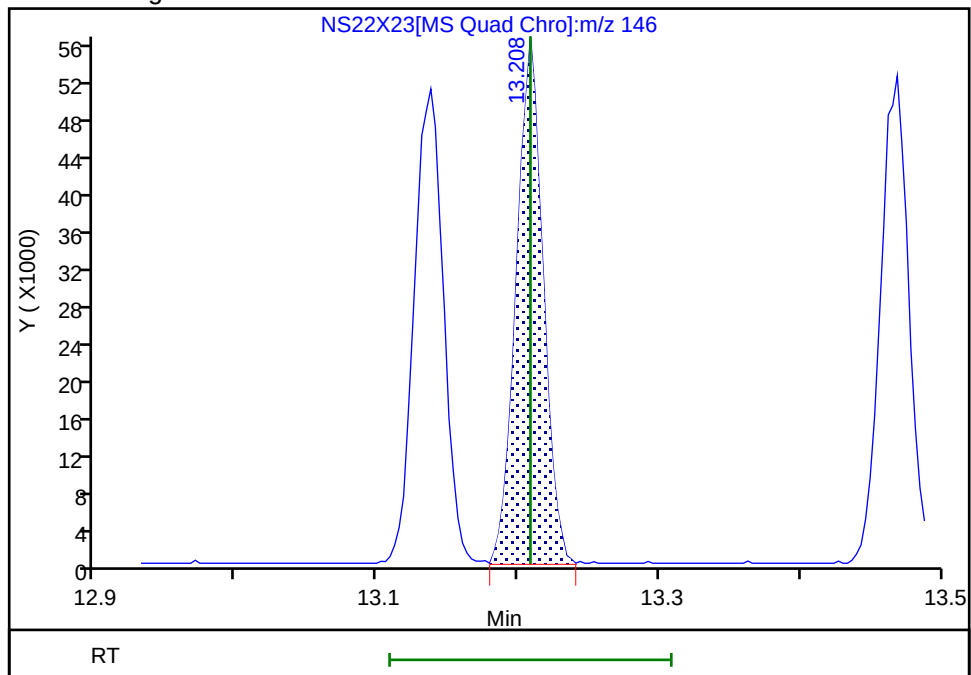
161 1,4-Dichlorobenzene, CAS: 106-46-7
Signal: 1

Not Detected
Expected RT: 13.21

Processing Integration Results



Manual Integration Results



RT: 13.21
Area: 74323
Amount: 4.123790
Amount Units: ug/l

Reviewer: JS6E, 23-Sep-2025 04:22:05 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
 Lims ID: IC v10
 Client ID:
 Sample Type: IC Calib Level: 3
 Inject. Date: 22-Sep-2025 18:51:09 ALS Bottle#: 13 Worklist Smp#: 14
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-014
 Misc. Info.: IC V10
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:01 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:23:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	99	165647	10.0	9.66	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.231	2.231	0.000	99	123246	10.0	10.0	
5 Butadiene	39	2.350	2.350	0.000	92	75238	10.0	9.47	
6 Vinyl chloride	62	2.366	2.363	0.003	98	123038	10.0	9.90	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	
8 Bromomethane	94	2.707	2.704	0.003	93	100527	10.0	10.4	
9 Chloroethane	64	2.813	2.810	0.003	97	56657	10.0	9.92	
10 Dichlorofluoromethane	67	3.070	3.074	-0.004	97	165380	10.0	10.2	
11 Trichlorofluoromethane	101	3.144	3.141	0.003	98	161056	10.0	9.69	
12 Pentane	43	3.186	3.176	0.010	95	62909	10.0	8.17	
13 Ethanol	45	3.273	3.328	-0.055	23	42168	500.0	528.2	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.508	3.511	-0.003	83	73112	10.0	9.84	
16 Acrolein	56	3.617	3.607	0.010	99	133619	97.6	101.4	
17 1,1-Dichloroethene	96	3.749	3.752	-0.003	96	53824	10.0	9.41	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.797	3.791	0.006	81	73653	10.0	8.90	M
19 Acetone	58	3.810	3.794	0.016	69	13966	20.0	21.0	
20 Iodomethane	142	3.961	3.964	-0.003	99	136351	10.0	9.98	
21 Isopropyl alcohol	45	3.983	3.984	-0.001	28	43290	50.0	51.8	
22 Carbon disulfide	76	4.067	4.070	-0.003	100	185194	10.0	9.69	
24 Methyl acetate	43	4.263	4.254	0.009	76	38531	10.0	8.94	
25 3-Chloro-1-propene	41	4.282	4.283	-0.001	88	66395	10.0	9.95	M
26 Methylene Chloride	84	4.491	4.485	0.006	84	62875	10.0	10.1	
* 27 t-Butyl alcohol-d10 (IS)	65	4.530	4.530	0.000	95	289290	250.0	250.0	
28 2-Methyl-2-propanol	59	4.652	4.665	-0.013	81	63003	50.0	51.6	
29 Acrylonitrile	53	4.861	4.861	0.000	98	62777	25.0	26.1	
32 Methyl tert-butyl ether	73	4.906	4.910	-0.004	93	196257	10.0	10.0	
31 trans-1,2-Dichloroethene	96	4.922	4.913	0.009	97	61855	10.0	9.70	
33 Hexane	57	5.350	5.347	0.003	90	53887	10.0	7.49	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.588	5.591	-0.003	96	99865	10.0	10.4	M
36 Isopropyl ether	45	5.659	5.652	0.007	91	156001	10.0	10.0	
37 2-Chloro-1,3-butadiene	53	5.700	5.697	0.003	90	77776	10.0	9.64	
S 38 1,2-Dichloroethene, Total	100				0			19.8	
39 Tert-butyl ethyl ether	59	6.183	6.186	-0.003	96	169313	10.0	9.78	M
40 2-Butanone (MEK)	43	6.405	6.401	0.004	97	62698	20.0	20.3	
41 cis-1,2-Dichloroethene	96	6.434	6.424	0.010	80	73690	10.0	10.1	a
43 2,2-Dichloropropane	77	6.440	6.443	-0.003	88	106094	10.0	9.81	a
44 Propionitrile	54	6.491	6.508	-0.017	95	53892	50.0	51.0	
45 Methyl acrylate	55	6.527	6.524	0.003	100	62315	10.0	9.70	
46 Methacrylonitrile	67	6.707	6.713	-0.006	79	63992	25.0	24.4	M
47 Chlorobromomethane	128	6.752	6.752	0.000	81	41600	10.0	10.4	
48 Tetrahydrofuran	71	6.762	6.768	-0.006	84	49813	50.0	50.8	
49 Chloroform	83	6.903	6.906	-0.003	92	120127	10.0	10.1	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	95	300932	50.0	51.1	
51 1,1,1-Trichloroethane	97	7.125	7.128	-0.003	95	120847	10.0	9.87	
52 Cyclohexane	56	7.218	7.215	0.003	88	87297	10.0	8.36	a
53 Carbon tetrachloride	117	7.331	7.334	-0.003	96	108444	10.0	9.46	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	92	75071	10.0	9.47	
55 Isobutyl alcohol	41	7.507	7.495	0.012	87	39629	125.0	117.5	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.565	7.575	-0.010	95	66861	50.0	50.4	
57 Benzene	78	7.597	7.594	0.003	94	240202	10.0	10.2	
59 1,2-Dichloroethane	62	7.671	7.675	-0.004	98	77419	10.0	10.1	
60 Tert-amyl methyl ether	73	7.781	7.787	-0.006	98	171071	10.0	9.78	
* 62 Fluorobenzene (IS)	96	7.999	7.999	0.000	99	1035599	50.0	50.0	
63 n-Heptane	43	7.999	8.000	-0.001	40	43512	10.0	7.19	
64 n-Butanol	56	8.366	8.356	0.010	89	32977	125.0	127.9	
65 Trichloroethene	95	8.466	8.463	0.003	95	68353	10.0	9.82	a
66 Ethyl acrylate	55	8.585	8.585	0.000	98	70310	10.0	9.49	
67 Methylcyclohexane	83	8.765	8.768	-0.003	88	94519	10.0	7.55	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	93	92961	10.0	9.84	
69 1,2-Dichloropropane	63	8.800	8.803	-0.003	69	56224	10.0	10.1	M
70 Methyl methacrylate	69	8.884	8.881	0.003	84	42139	10.0	9.74	
71 1,4-Dioxane	88	8.890	8.900	-0.010	45	12167	125.0	136.5	
72 Dibromomethane	93	8.913	8.909	0.004	88	41791	10.0	10.1	
74 Dichlorobromomethane	83	9.141	9.138	0.003	99	82317	10.0	10.0	
75 2-Nitropropane	41	9.414	9.411	0.003	98	81697	50.0	48.5	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	93	33435	10.0	9.44	
77 cis-1,3-Dichloropropene	75	9.655	9.659	-0.004	96	86881	10.0	9.91	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	133484	20.0	19.2	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1038157	50.0	50.1	
118 Toluene	92	10.022	10.025	-0.003	98	158327	10.0	9.89	
S 119 1,3-Dichloropropene, Total	100				0			19.6	
120 trans-1,3-Dichloropropene	75	10.269	10.266	0.003	92	78769	10.0	9.74	
121 Ethyl methacrylate	69	10.324	10.324	0.000	87	73751	10.0	9.68	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	88	58478	10.0	10.4	
123 Tetrachloroethene	166	10.546	10.543	0.003	97	84689	10.0	9.42	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	89	86021	10.0	10.2	
126 2-Hexanone	43	10.671	10.671	0.000	96	89982	20.0	19.0	
128 Chlorodibromomethane	129	10.829	10.826	0.003	87	72254	10.0	9.84	
129 Ethylene Dibromide	107	10.935	10.938	-0.003	98	60603	10.0	9.98	
S 130 Xylenes, Total	106				0			28.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	85	843300	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	94	73017	10.0	8.04	
133 Chlorobenzene	112	11.379	11.379	0.000	98	190398	10.0	10.0	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	93	84043	10.0	10.0	
135 Ethylbenzene	91	11.459	11.459	0.000	98	301732	10.0	9.49	
136 m-Xylene & p-Xylene	106	11.568	11.572	-0.004	100	242047	20.0	19.2	
137 n-Butyl acrylate	55	11.835	11.835	0.000	96	99935	10.0	9.42	
138 o-Xylene	106	11.893	11.890	0.003	96	126321	10.0	9.60	
139 Styrene	104	11.906	11.906	0.000	94	194840	10.0	9.74	
140 Bromoform	173	12.060	12.061	0.000	98	55599	10.0	10.2	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	322593	10.0	8.88	
143 Cyclohexanone	55	12.266	12.270	-0.004	90	78318	250.0	255.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	383305	50.0	49.0	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	89307	10.0	10.0	
146 Bromobenzene	156	12.443	12.443	0.000	91	92264	10.0	9.85	
147 trans-1,4-Dichloro-2-butene	53	12.449	12.450	-0.001	86	54888	25.0	24.5	
148 1,2,3-Trichloropropane	110	12.475	12.472	0.003	71	31747	10.0	10.4	a
149 N-Propylbenzene	91	12.504	12.504	0.000	98	345117	10.0	8.77	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	83150	10.0	9.28	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	95	273109	10.0	8.81	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	80000	10.0	9.32	
154 tert-Butylbenzene	134	12.877	12.877	0.000	91	55945	10.0	8.13	
155 1,2,4-Trimethylbenzene	105	12.919	12.919	0.000	97	281911	10.0	8.91	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	318331	10.0	8.11	
158 1,3-Dichlorobenzene	146	13.134	13.138	-0.004	97	168553	10.0	9.59	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	287378	10.0	8.13	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	92	508809	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	97	170532	10.0	9.73	
162 1,2,3-Trimethylbenzene	105	13.221	13.218	0.003	98	299167	10.0	9.32	
163 Benzyl chloride	91	13.285	13.286	-0.001	98	151837	10.0	9.54	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	96	159197	10.0	8.20	
165 p-Diethylbenzene	119	13.411	13.411	0.000	96	162896	10.0	8.02	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	121443	10.0	8.02	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	172189	10.0	9.85	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	145505	10.0	8.37	
170 1,2-Dibromo-3-Chloropropane	75	14.002	14.003	-0.001	93	22706	10.0	9.44	
171 1,3,5-Trichlorobenzene	180	14.121	14.122	-0.001	97	120466	10.0	8.34	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	116899	10.0	8.70	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	81	91780	10.0	8.72	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	95	42776	10.0	7.68	
175 Naphthalene	128	14.729	14.729	0.000	96	382110	10.0	9.57	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	95	122317	10.0	8.89	
177 2-Methylnaphthalene	142	15.514	15.517	-0.003	92	197870	10.0	8.46	
S 238 Total Diethylbenzene	1				0			24.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 2.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 1.00	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 1.60	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 8.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 8.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:02

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D

Injection Date: 22-Sep-2025 18:51:09

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v10

Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

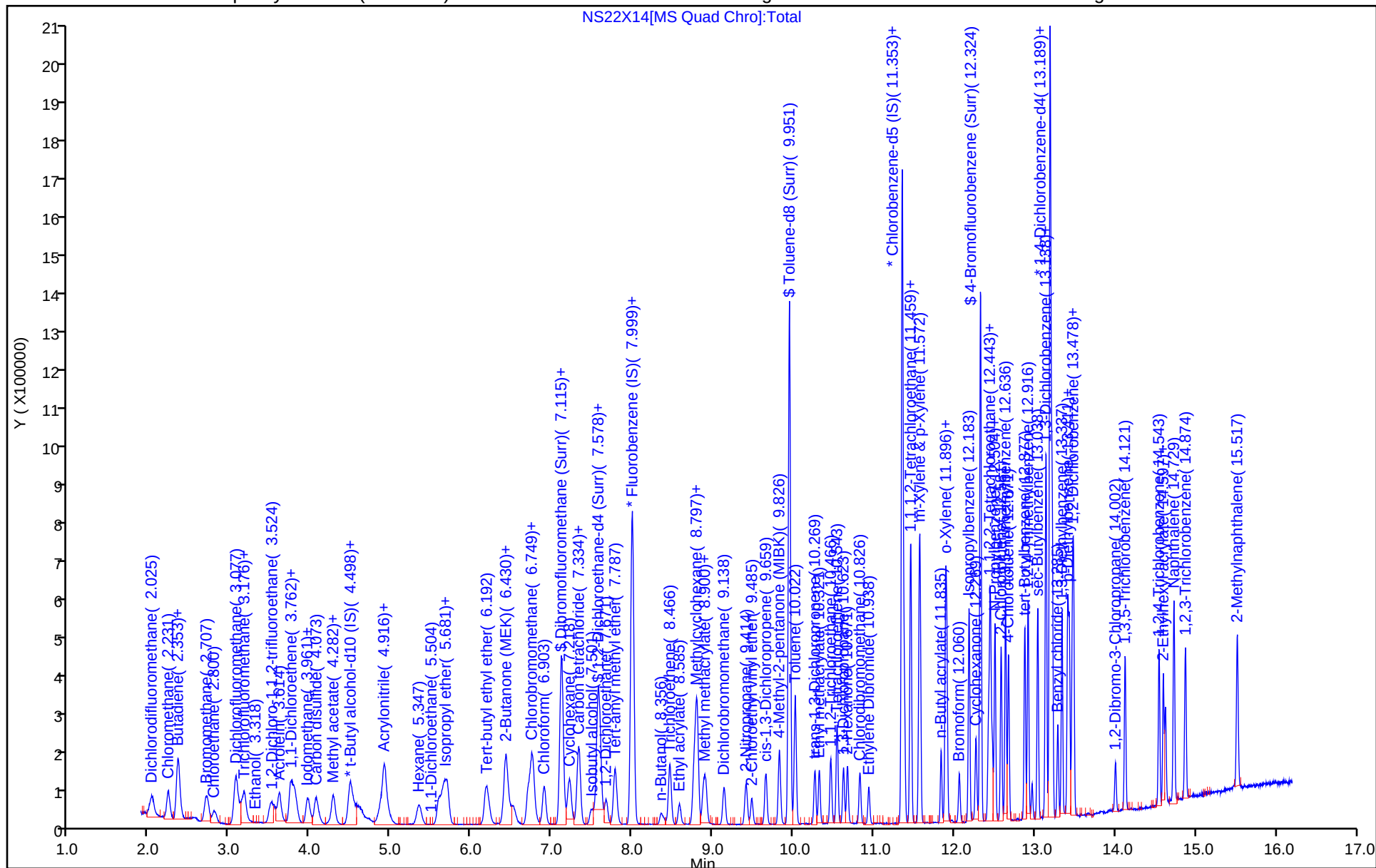
ALS Bottle#: 13

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

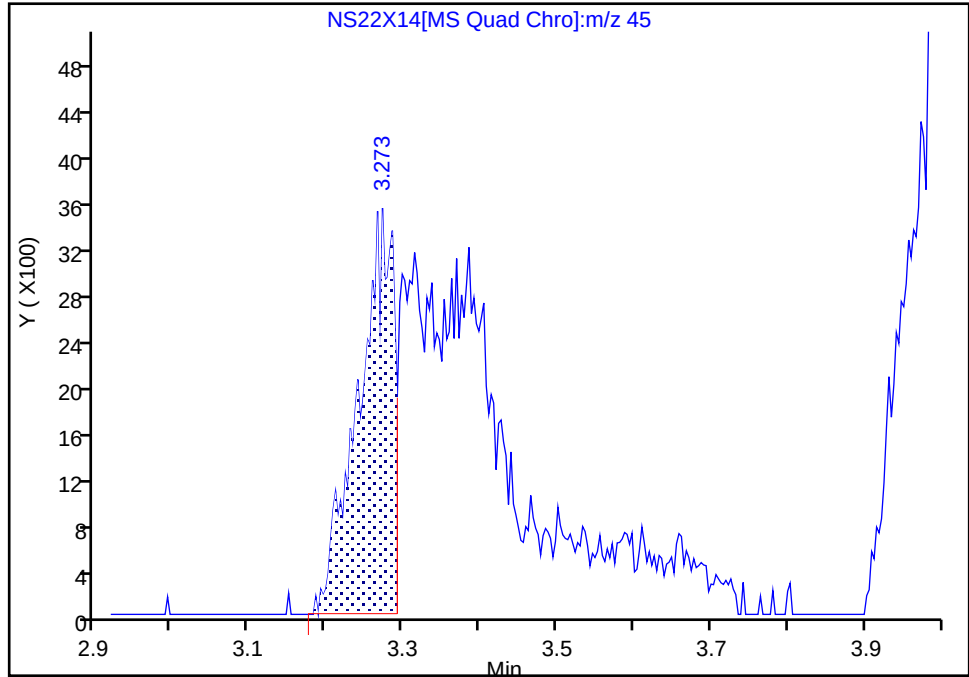
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

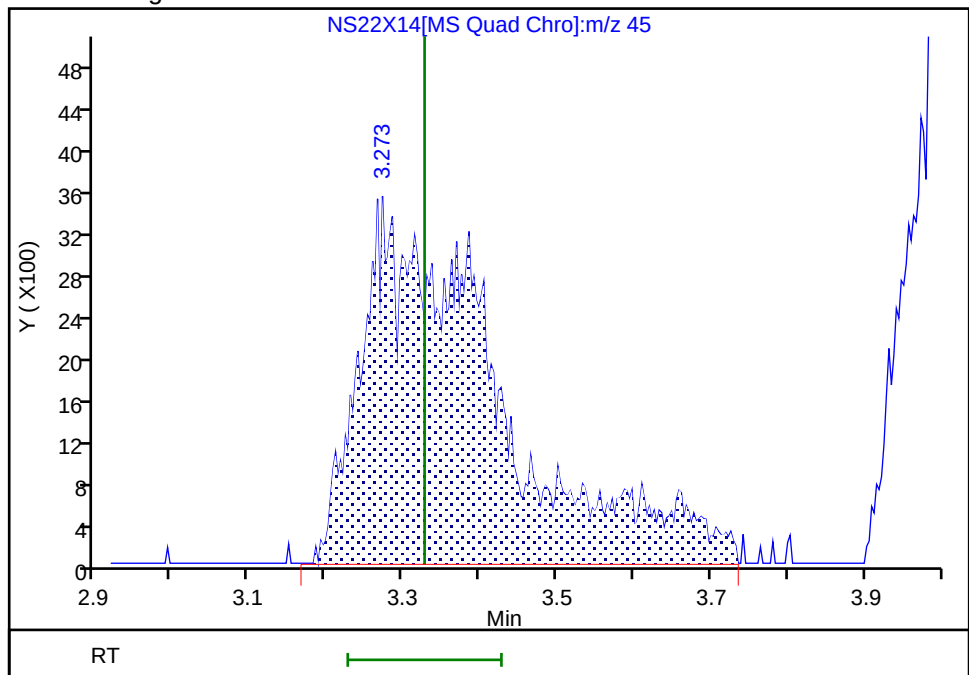
RT: 3.27
Area: 11109
Amount: 182.8145
Amount Units: ug/l

Processing Integration Results



RT: 3.27
Area: 42168
Amount: 528.2082
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:32:18 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

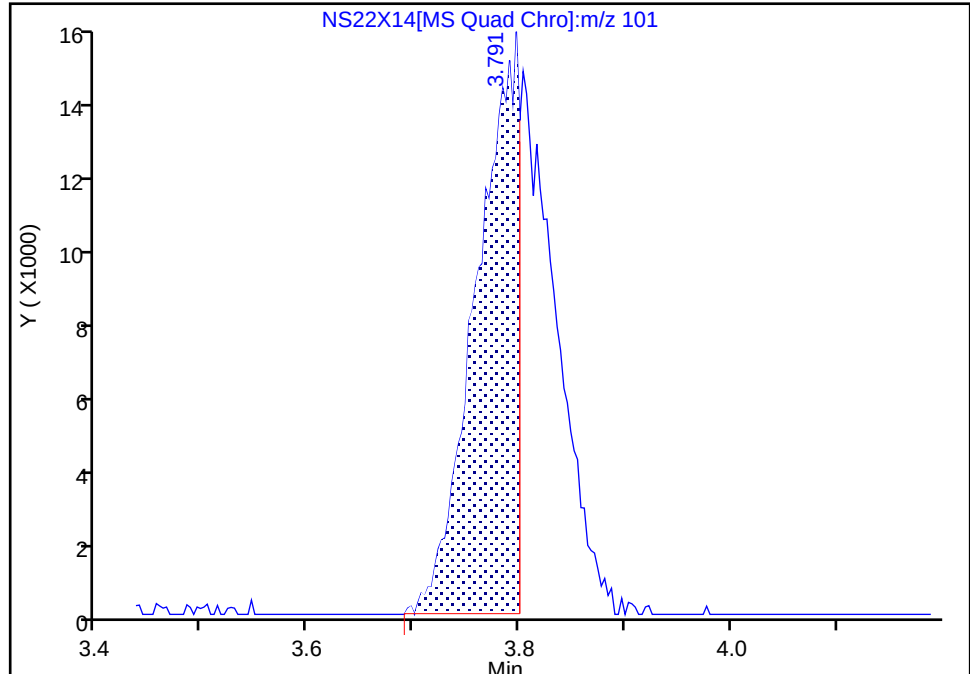
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

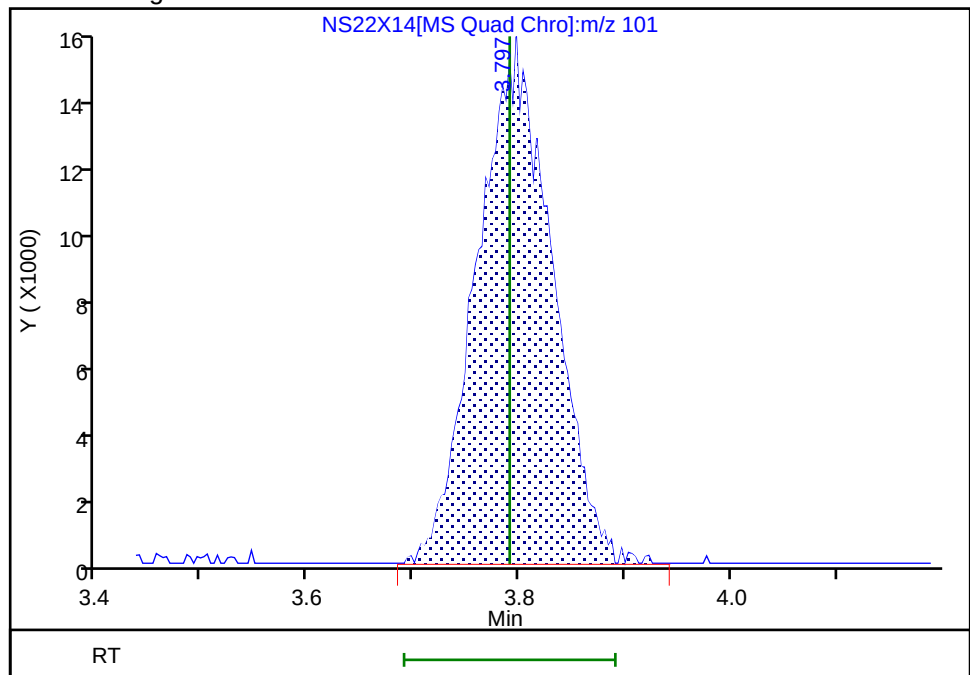
RT: 3.79
Area: 41632
Amount: 7.492206
Amount Units: ug/l

Processing Integration Results



RT: 3.80
Area: 73653
Amount: 8.904469
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:32:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

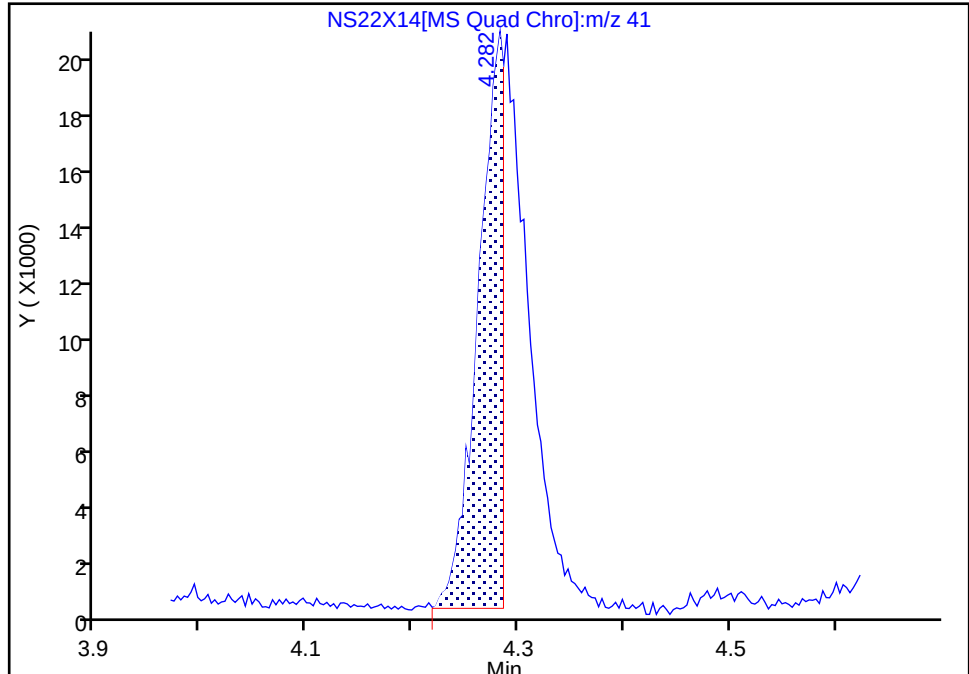
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

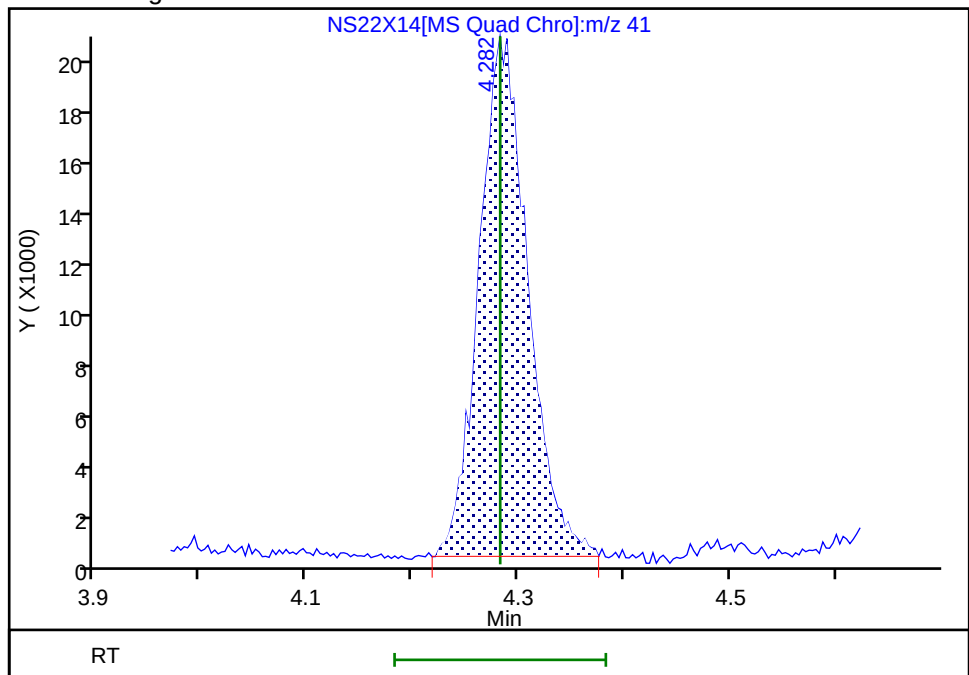
RT: 4.28
Area: 34123
Amount: 7.449960
Amount Units: ug/l

Processing Integration Results



RT: 4.28
Area: 66395
Amount: 9.950564
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:01:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

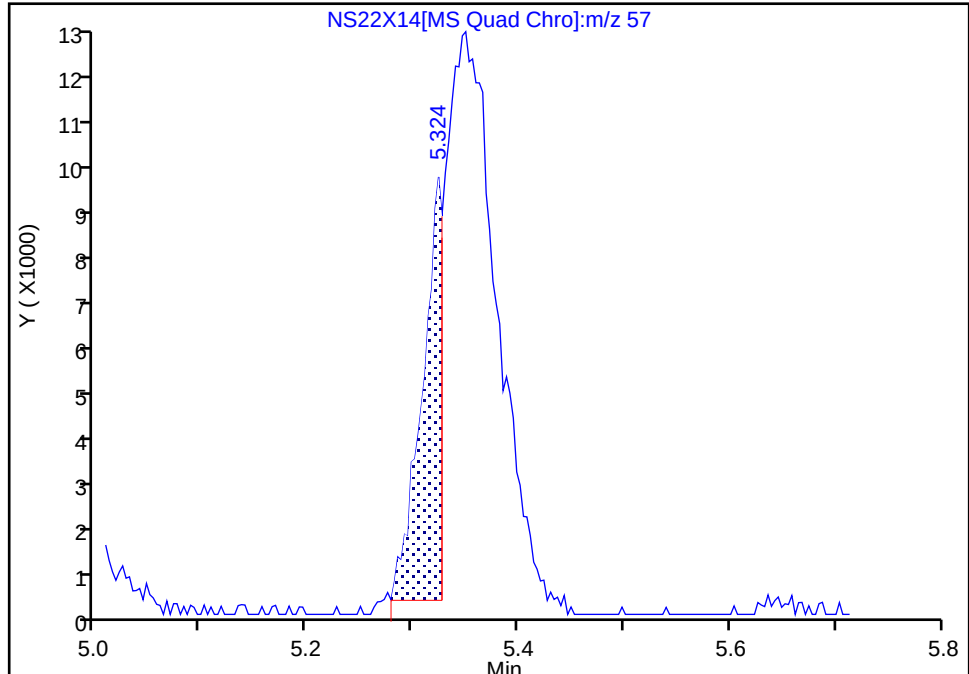
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

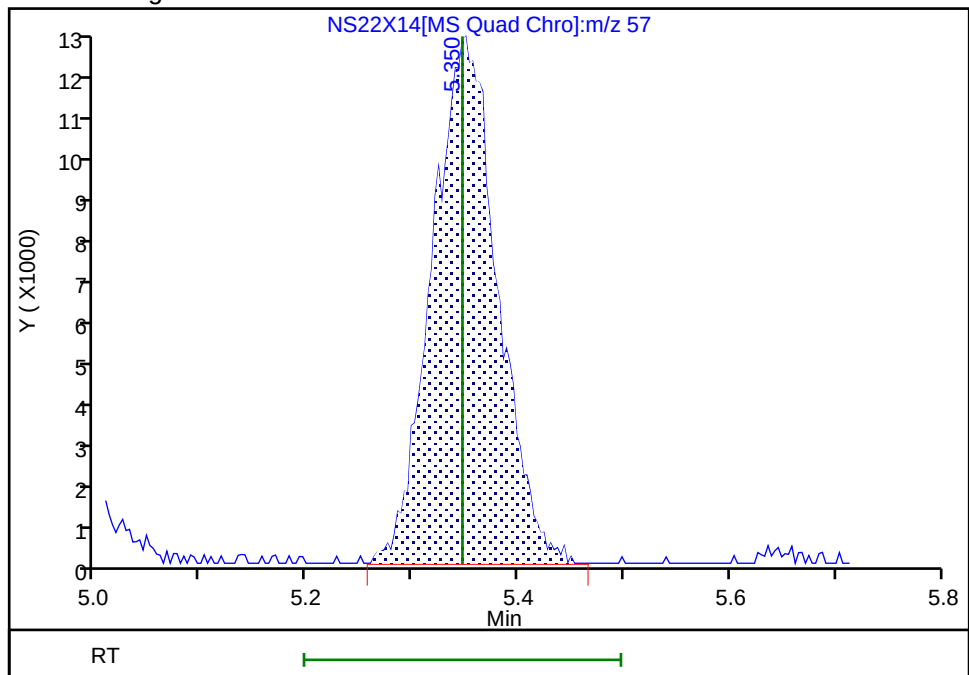
RT: 5.32
Area: 11972
Amount: 1.887168
Amount Units: ug/l

Processing Integration Results



RT: 5.35
Area: 53887
Amount: 7.485390
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:01:50 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

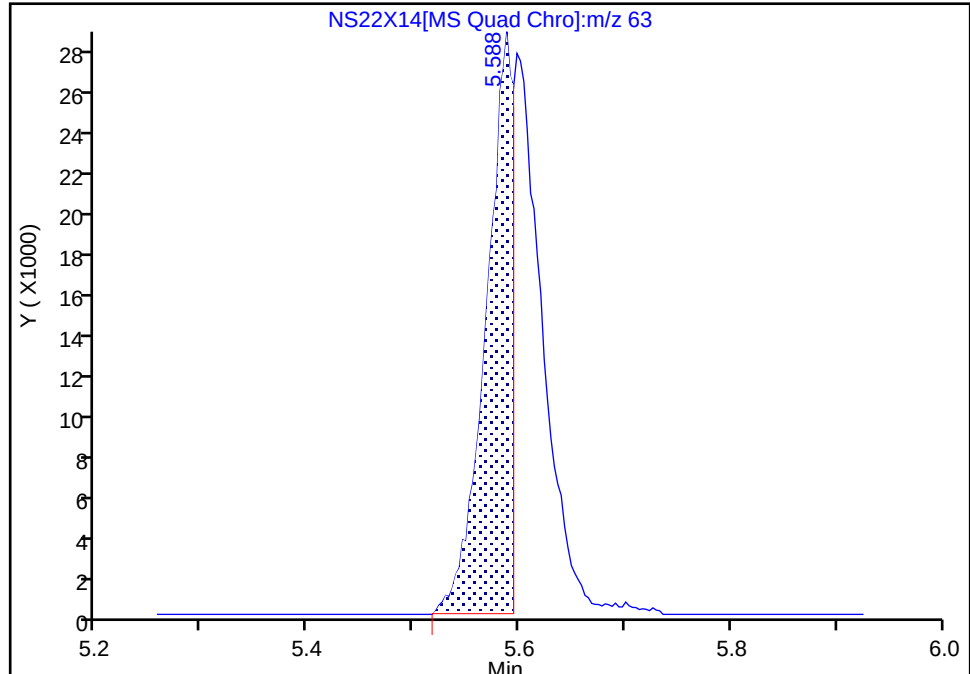
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

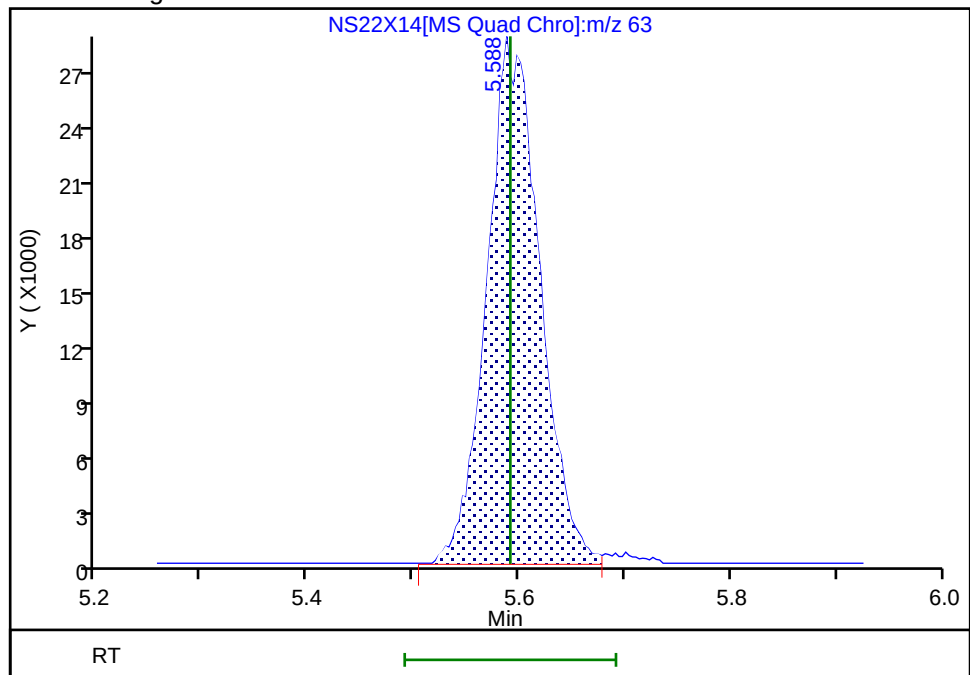
RT: 5.59
Area: 51444
Amount: 6.918963
Amount Units: ug/l

Processing Integration Results



RT: 5.59
Area: 99865
Amount: 10.364692
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:02:08 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

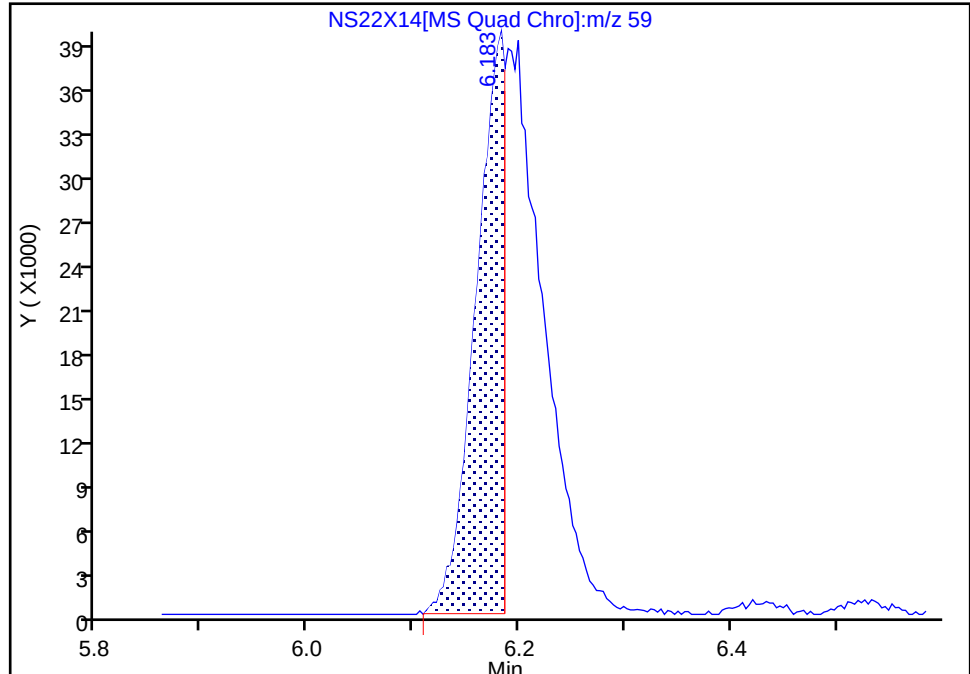
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Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

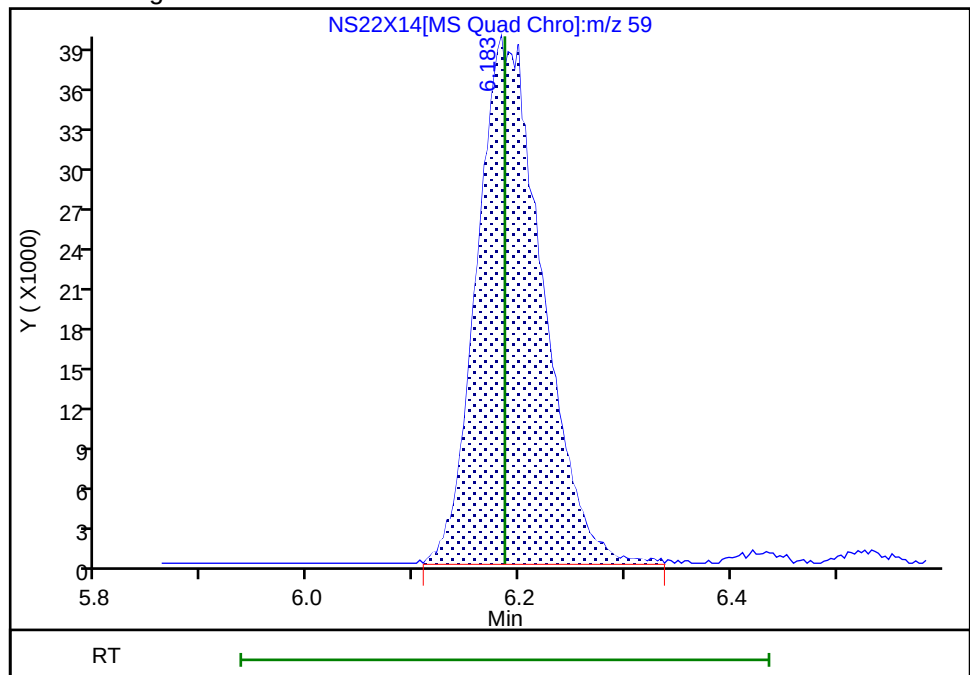
RT: 6.18
Area: 75091
Amount: 6.110339
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 169313
Amount: 9.782834
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:02:27 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

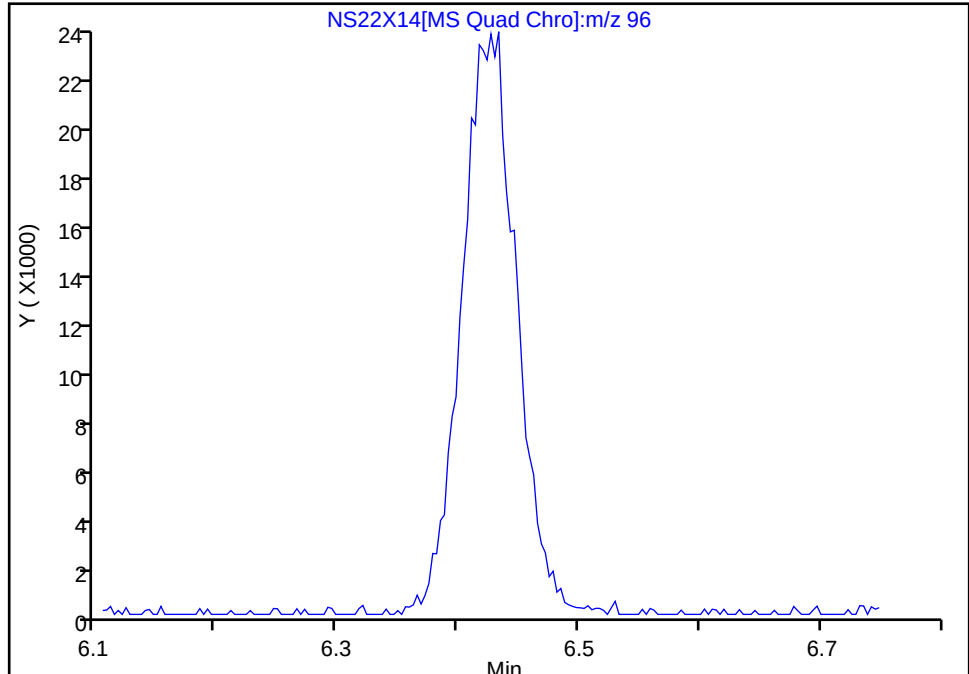
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Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

41 cis-1,2-Dichloroethene, CAS: 156-59-2

Signal: 1

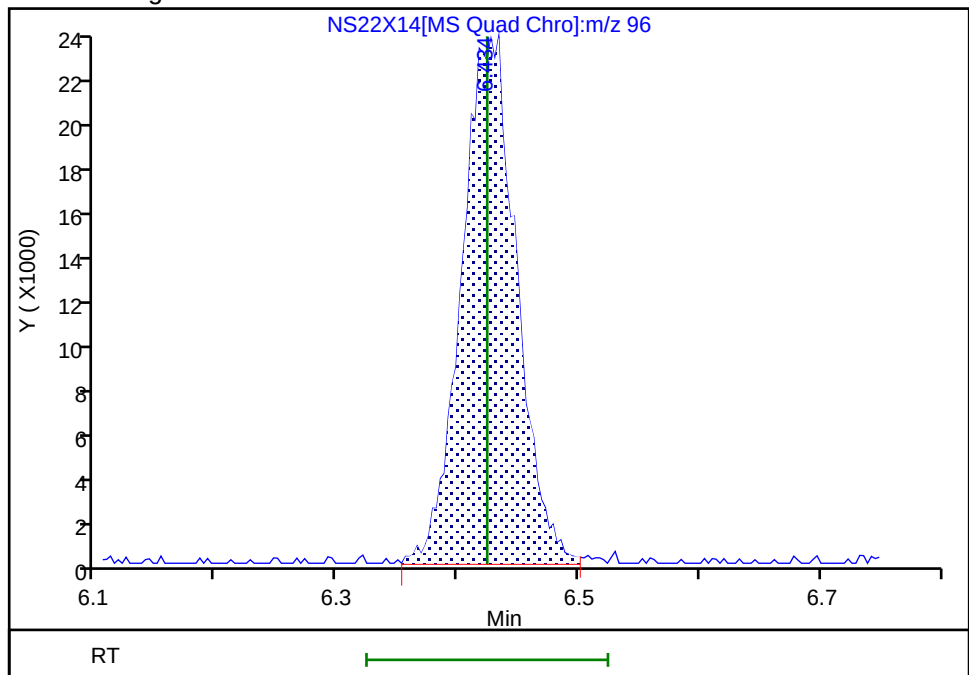
Not Detected
Expected RT: 6.42

Processing Integration Results



RT: 6.43
Area: 73690
Amount: 10.065174
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

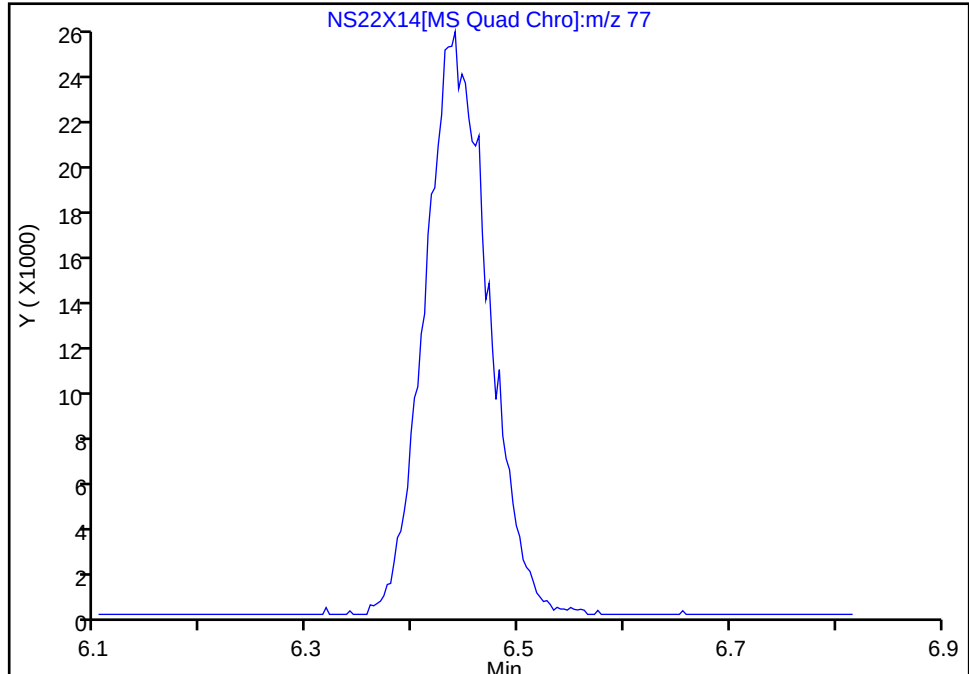
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Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

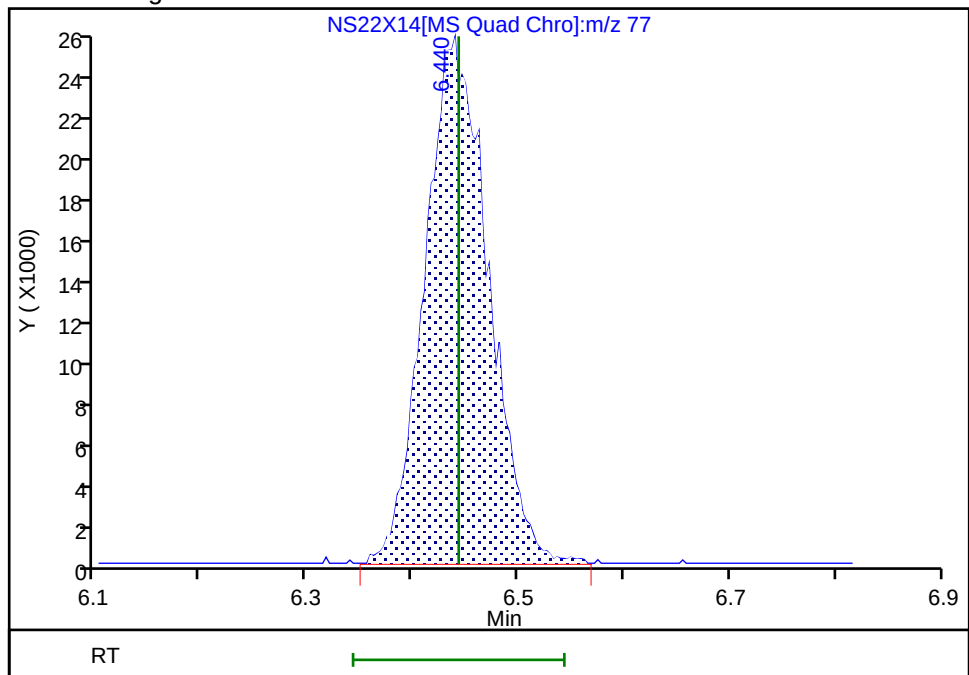
Signal: 1

Not Detected
Expected RT: 6.44

Processing Integration Results



Manual Integration Results



RT: 6.44
Area: 106094
Amount: 9.809109
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:33:04 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

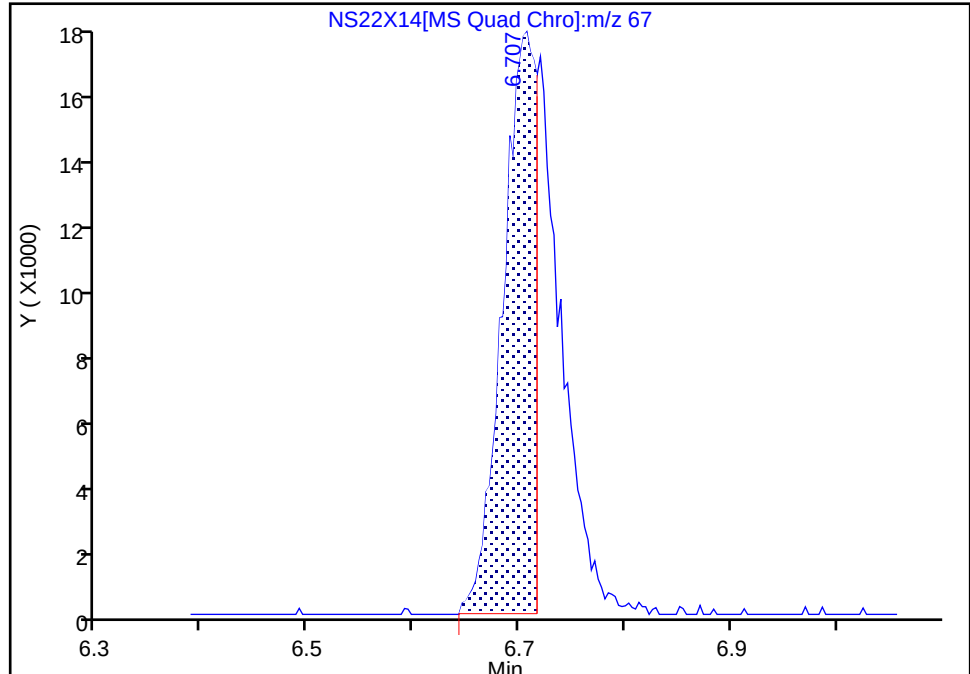
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

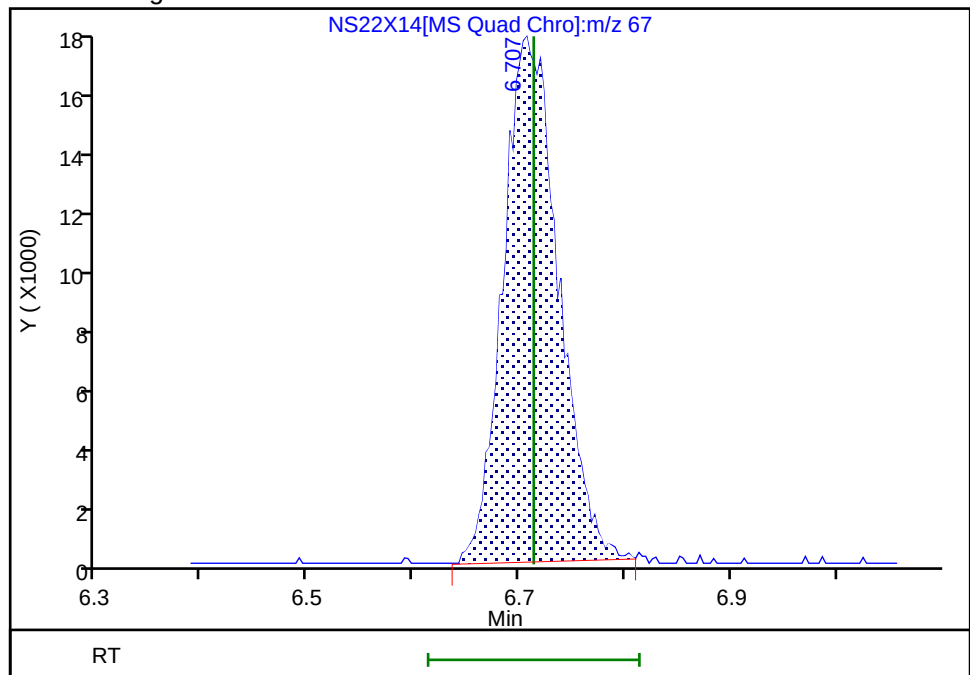
RT: 6.71
Area: 38978
Amount: 17.554157
Amount Units: ug/l

Processing Integration Results



RT: 6.71
Area: 63992
Amount: 24.364998
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

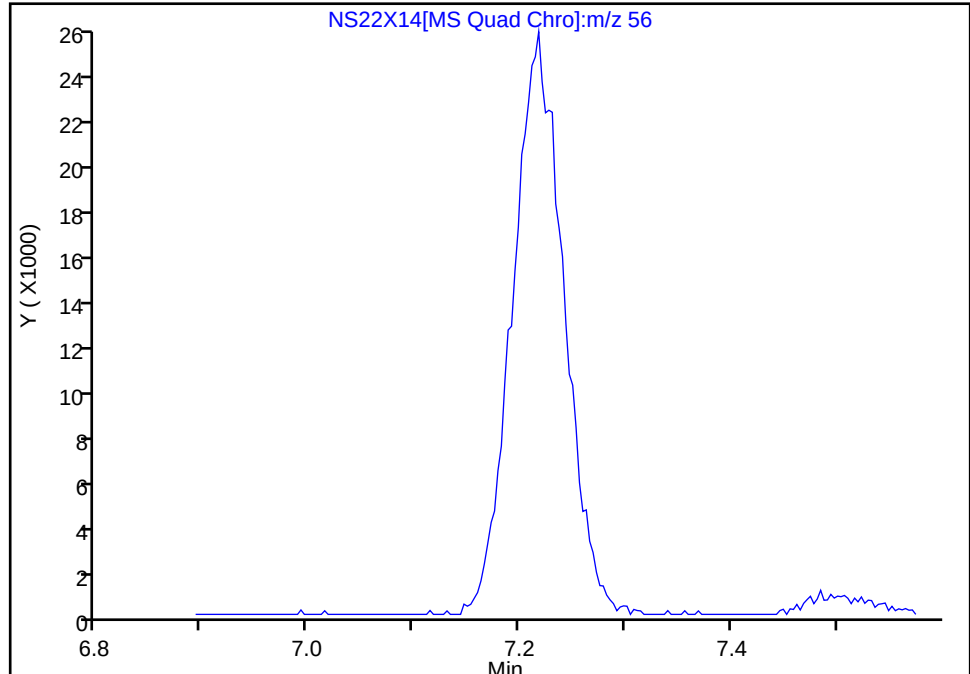
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

52 Cyclohexane, CAS: 110-82-7

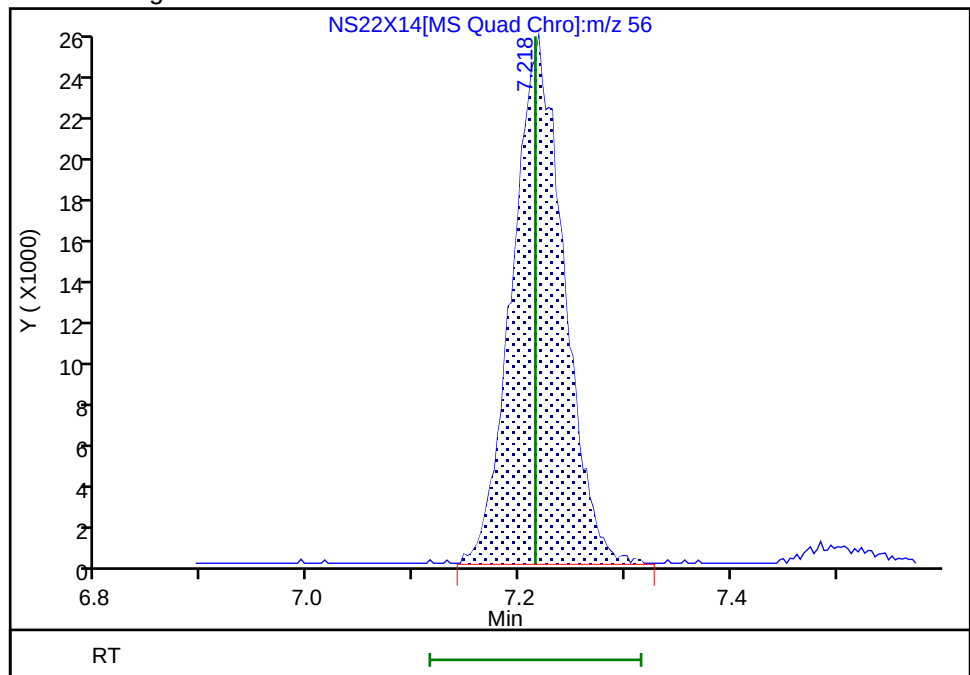
Signal: 1

Not Detected
Expected RT: 7.21

Processing Integration Results



Manual Integration Results



RT: 7.22
Area: 87297
Amount: 8.360568
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:33:19 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

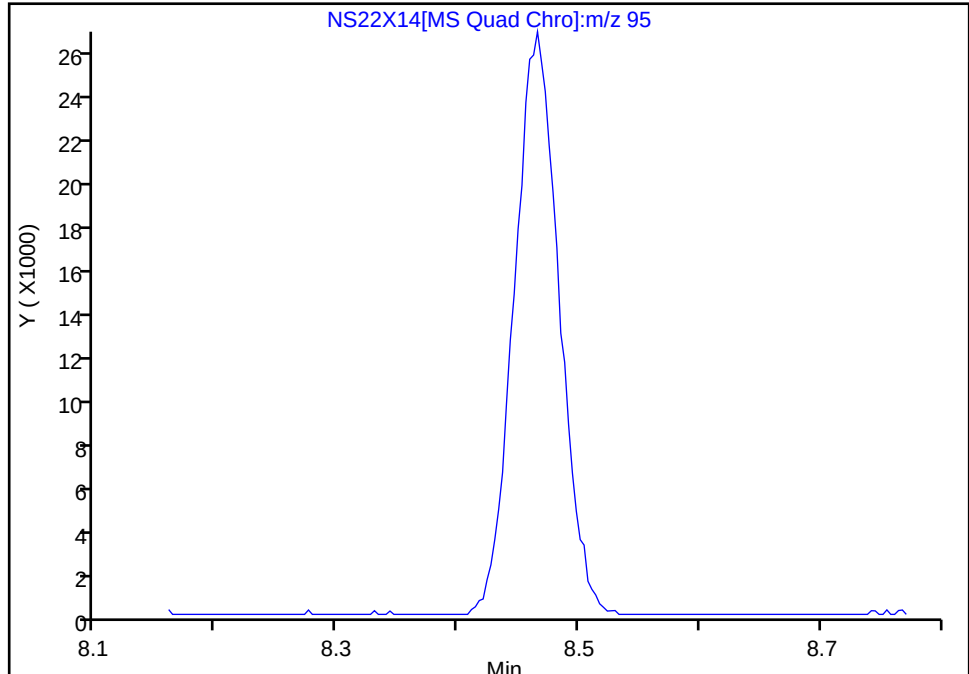
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

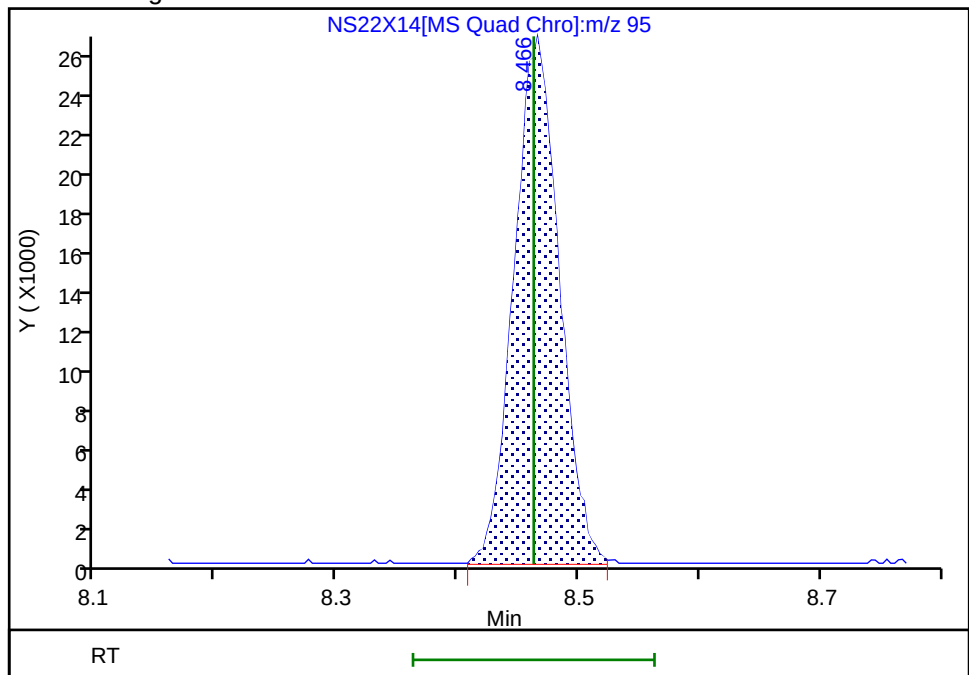
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.47
Area: 68353
Amount: 9.817935
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:28 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

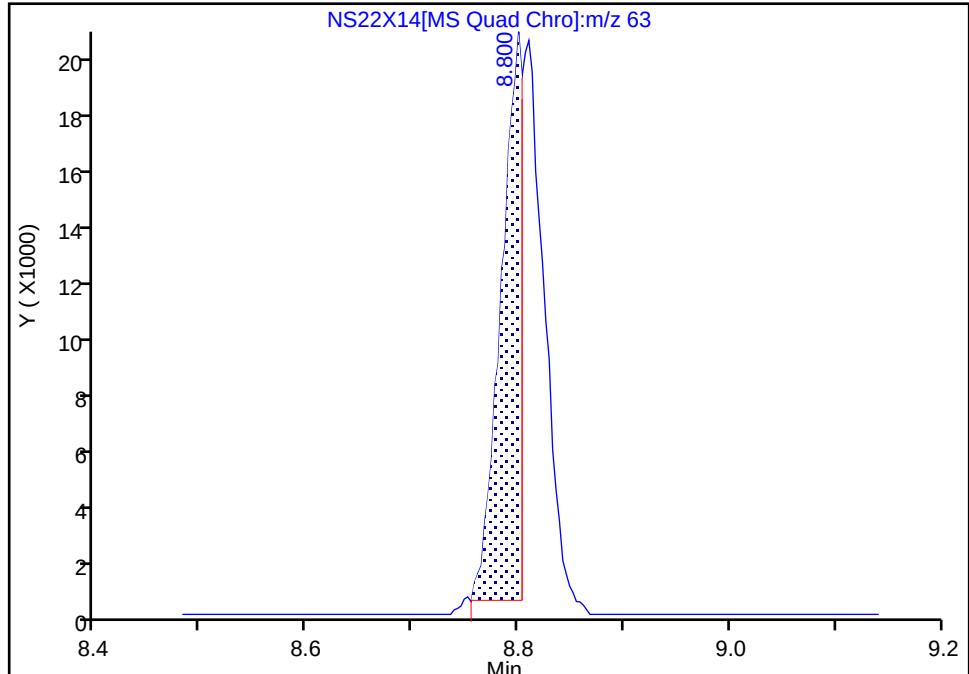
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Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

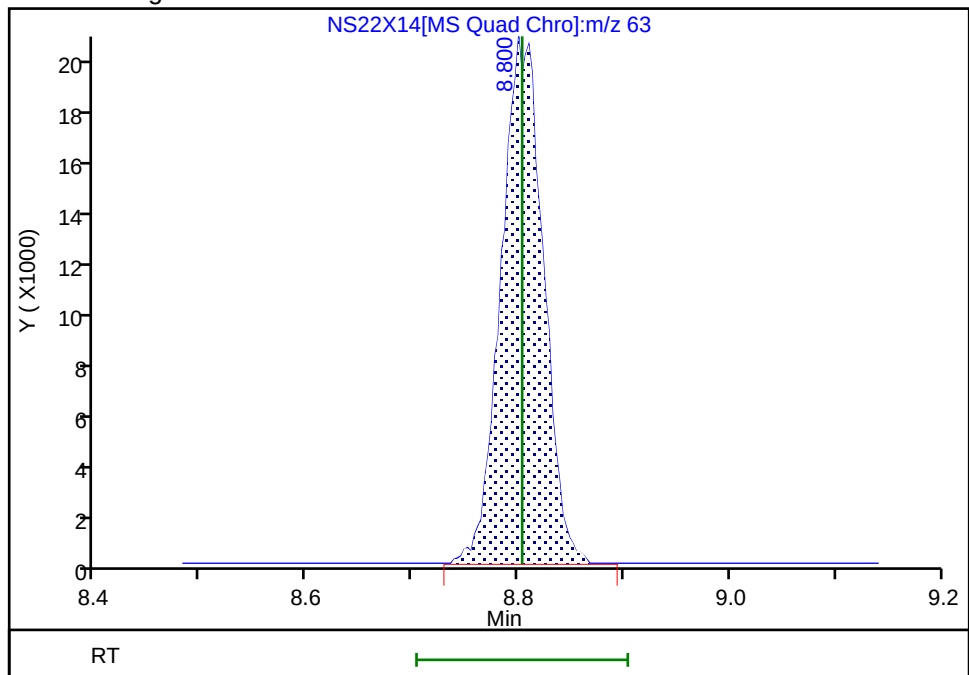
RT: 8.80
Area: 27668
Amount: 6.971235
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 56224
Amount: 10.120322
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:38 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

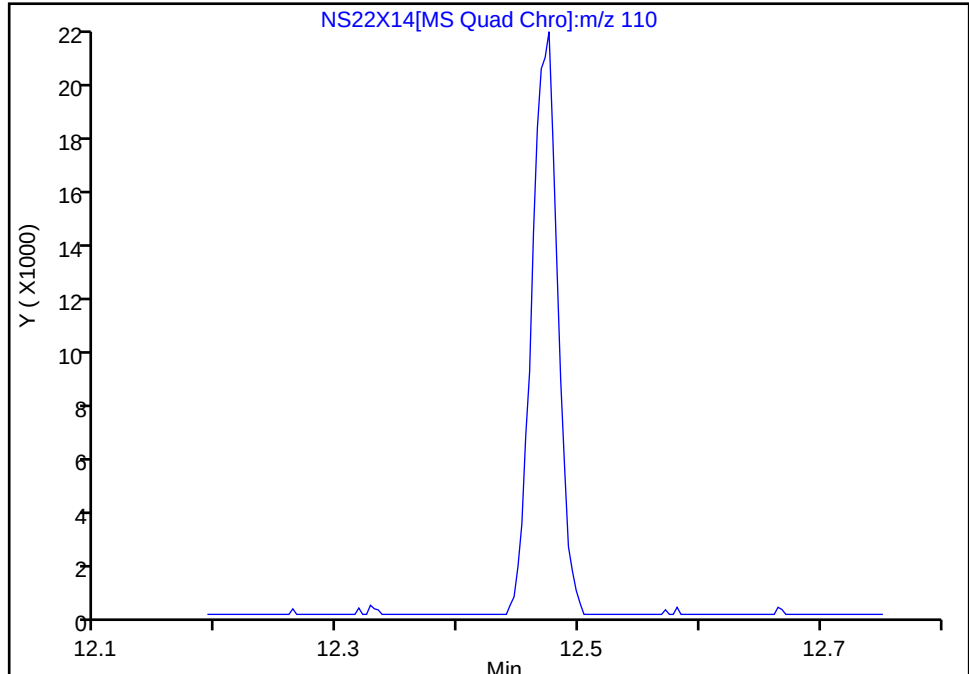
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X14.D
Injection Date: 22-Sep-2025 18:51:09 Instrument ID: 7159
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

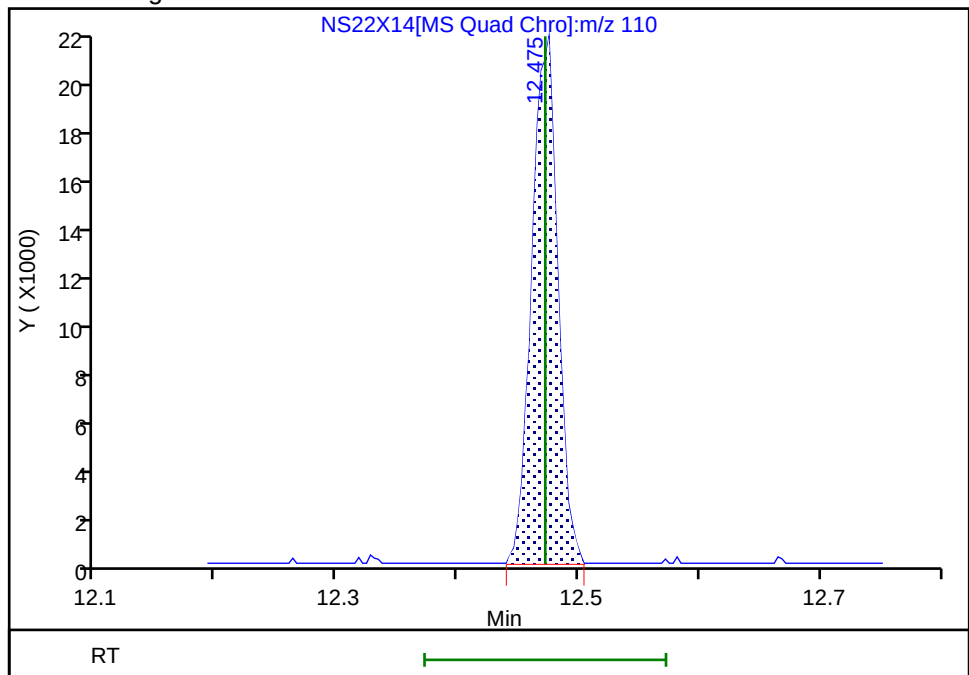
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.48
Area: 31747
Amount: 10.397782
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:33:51 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
 Lims ID: IC v20
 Client ID:
 Sample Type: IC Calib Level: 4
 Inject. Date: 22-Sep-2025 19:10:58 ALS Bottle#: 14 Worklist Smp#: 15
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-015
 Misc. Info.: IC V20
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:17 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:23:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.042	2.042	0.000	99	367201	20.0	20.9	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.241	2.241	0.000	99	250020	20.0	19.9	a
5 Butadiene	39	2.353	2.353	0.000	93	168013	20.0	20.7	
6 Vinyl chloride	62	2.363	2.363	0.000	98	259229	20.0	20.4	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.717	2.717	0.000	91	198796	20.0	20.1	
9 Chloroethane	64	2.804	2.804	0.000	99	116054	20.0	19.9	
10 Dichlorofluoromethane	67	3.074	3.074	0.000	97	334689	20.0	20.1	
11 Trichlorofluoromethane	101	3.151	3.151	0.000	97	354075	20.0	20.8	M
12 Pentane	43	3.186	3.186	0.000	95	159434	20.0	20.3	
13 Ethanol	45	3.337	3.337	0.000	25	82301	999.9	1001.4	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.517	3.517	0.000	85	152201	20.0	20.0	
16 Acrolein	56	3.617	3.617	0.000	99	266429	195.2	196.4	
17 1,1-Dichloroethene	96	3.755	3.755	0.000	95	115579	20.0	19.8	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.813	3.813	0.000	85	174295	20.0	20.6	a
19 Acetone	58	3.804	3.804	0.000	82	27737	40.0	40.4	
20 Iodomethane	142	3.974	3.974	0.000	98	285676	20.0	20.5	
21 Isopropyl alcohol	45	3.996	3.996	0.000	41	86610	100.0	100.6	
22 Carbon disulfide	76	4.070	4.070	0.000	99	395296	20.0	20.2	
24 Methyl acetate	43	4.270	4.270	0.000	96	84466	20.0	19.2	M
25 3-Chloro-1-propene	41	4.283	4.283	0.000	91	138858	20.0	20.4	M
26 Methylene Chloride	84	4.488	4.488	0.000	85	130490	20.0	20.4	
* 27 t-Butyl alcohol-d10 (IS)	65	4.540	4.540	0.000	94	297828	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.649	0.000	97	127148	100.0	101.1	
29 Acrylonitrile	53	4.858	4.858	0.000	99	124238	50.0	50.4	
32 Methyl tert-butyl ether	73	4.923	4.923	0.000	96	401770	20.0	20.1	
31 trans-1,2-Dichloroethene	96	4.916	4.916	0.000	97	128949	20.0	19.8	M
33 Hexane	57	5.353	5.353	0.000	92	151671	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.595	5.595	0.000	96	199735	20.0	20.3	
36 Isopropyl ether	45	5.656	5.656	0.000	96	319061	20.0	20.1	
37 2-Chloro-1,3-butadiene	53	5.704	5.704	0.000	91	167637	20.0	20.3	a
S 38 1,2-Dichloroethene, Total	100				0			39.7	
39 Tert-butyl ethyl ether	59	6.183	6.183	0.000	97	355435	20.0	20.1	M
40 2-Butanone (MEK)	43	6.398	6.398	0.000	98	123972	40.0	39.2	
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	78	149026	20.0	19.9	
43 2,2-Dichloropropane	77	6.447	6.447	0.000	85	223246	20.0	20.2	a
44 Propionitrile	54	6.501	6.501	0.000	95	110374	100.0	101.5	
45 Methyl acrylate	55	6.533	6.533	0.000	99	131766	20.0	20.1	
46 Methacrylonitrile	67	6.713	6.713	0.000	90	132108	50.0	49.2	
47 Chlorobromomethane	128	6.762	6.762	0.000	84	83537	20.0	20.5	a
48 Tetrahydrofuran	71	6.768	6.768	0.000	81	100977	100.0	100.1	
49 Chloroform	83	6.903	6.903	0.000	93	242368	20.0	19.8	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	94	303149	50.0	50.4	
51 1,1,1-Trichloroethane	97	7.128	7.128	0.000	97	255353	20.0	20.4	
52 Cyclohexane	56	7.222	7.222	0.000	87	216927	20.0	20.3	a
53 Carbon tetrachloride	117	7.331	7.331	0.000	96	239606	20.0	20.4	
54 1,1-Dichloropropene	75	7.337	7.337	0.000	96	164754	20.0	20.3	
55 Isobutyl alcohol	41	7.501	7.501	0.000	93	83455	250.0	240.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.575	0.000	96	67935	50.0	50.1	
57 Benzene	78	7.594	7.594	0.000	96	489558	20.0	20.3	M
59 1,2-Dichloroethane	62	7.672	7.672	0.000	98	158746	20.0	20.3	
60 Tert-amyl methyl ether	73	7.781	7.781	0.000	98	351394	20.0	19.6	M
* 62 Fluorobenzene (IS)	96	8.000	8.000	0.000	98	1058591	50.0	50.0	
63 n-Heptane	43	8.003	8.003	0.000	45	130859	20.0	21.1	
64 n-Butanol	56	8.363	8.363	0.000	88	64891	250.0	244.4	
65 Trichloroethene	95	8.463	8.463	0.000	94	140798	20.0	19.8	a
66 Ethyl acrylate	55	8.582	8.582	0.000	98	151805	20.0	20.0	
67 Methylcyclohexane	83	8.768	8.768	0.000	88	264703	20.0	20.7	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	94	193357	20.0	20.0	
69 1,2-Dichloropropane	63	8.803	8.803	0.000	71	115400	20.0	20.3	
70 Methyl methacrylate	69	8.884	8.884	0.000	86	89600	20.0	20.3	
71 1,4-Dioxane	88	8.893	8.893	0.000	38	23915	250.0	260.5	
72 Dibromomethane	93	8.906	8.906	0.000	89	85577	20.0	20.3	
74 Dichlorobromomethane	83	9.138	9.138	0.000	99	167384	20.0	19.9	
75 2-Nitropropane	41	9.411	9.411	0.000	98	174919	100.0	100.9	
76 2-Chloroethyl vinyl ether	63	9.488	9.488	0.000	93	73573	20.0	20.3	
77 cis-1,3-Dichloropropene	75	9.659	9.659	0.000	96	181237	20.0	20.2	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	96	268861	40.0	37.9	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1057998	50.0	50.1	
118 Toluene	92	10.022	10.022	0.000	99	331328	20.0	20.3	
S 119 1,3-Dichloropropene, Total	100				0			40.3	
120 trans-1,3-Dichloropropene	75	10.270	10.270	0.000	91	165832	20.0	20.1	
121 Ethyl methacrylate	69	10.321	10.321	0.000	87	155682	20.0	20.0	
122 1,1,2-Trichloroethane	97	10.469	10.469	0.000	91	114561	20.0	19.9	M
123 Tetrachloroethene	166	10.543	10.543	0.000	98	187352	20.0	20.4	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	175261	20.0	20.3	
126 2-Hexanone	43	10.675	10.675	0.000	95	181479	40.0	37.5	
128 Chlorodibromomethane	129	10.829	10.829	0.000	89	152166	20.0	20.3	
129 Ethylene Dibromide	107	10.938	10.938	0.000	99	126356	20.0	20.4	
S 130 Xylenes, Total	106				0			62.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	84	859548	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	93	183510	20.0	19.8	
133 Chlorobenzene	112	11.379	11.379	0.000	97	393107	20.0	20.3	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	96	174387	20.0	20.4	
135 Ethylbenzene	91	11.459	11.459	0.000	98	663215	20.0	20.5	
136 m-Xylene & p-Xylene	106	11.569	11.569	0.000	100	534888	40.0	41.6	
137 n-Butyl acrylate	55	11.836	11.836	0.000	97	216246	20.0	20.0	
138 o-Xylene	106	11.893	11.893	0.000	96	274676	20.0	20.5	
139 Styrene	104	11.906	11.906	0.000	94	419118	20.0	20.6	
140 Bromoform	173	12.061	12.061	0.000	98	114679	20.0	20.5	
141 Isopropylbenzene	105	12.183	12.183	0.000	95	781330	20.0	21.1	
143 Cyclohexanone	55	12.270	12.270	0.000	90	159474	500.0	505.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	98	398783	50.0	50.0	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	183749	20.0	20.2	
146 Bromobenzene	156	12.443	12.443	0.000	91	191632	20.0	20.1	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	87	114831	50.0	50.4	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	64024	20.0	20.6	
149 N-Propylbenzene	91	12.504	12.504	0.000	98	845443	20.0	21.1	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	184965	20.0	20.3	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	659714	20.0	20.9	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	179486	20.0	20.5	
154 tert-Butylbenzene	134	12.877	12.877	0.000	92	140142	20.0	20.0	
155 1,2,4-Trimethylbenzene	105	12.916	12.916	0.000	97	669348	20.0	20.8	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	843711	20.0	21.1	
158 1,3-Dichlorobenzene	146	13.135	13.135	0.000	98	367149	20.0	20.5	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	759259	20.0	21.1	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.192	0.000	92	518515	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	363032	20.0	20.3	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	674592	20.0	20.6	
163 Benzyl chloride	91	13.286	13.286	0.000	98	319854	20.0	19.7	
164 1,3-Diethylbenzene	119	13.337	13.337	0.000	96	414171	20.0	20.9	
165 p-Diethylbenzene	119	13.411	13.411	0.000	94	431083	20.0	20.8	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	323916	20.0	21.0	
167 1,2-Dichlorobenzene	146	13.469	13.469	0.000	99	362668	20.0	20.3	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	366200	20.0	20.7	
170 1,2-Dibromo-3-Chloropropane	75	13.999	13.999	0.000	92	47252	20.0	19.3	
171 1,3,5-Trichlorobenzene	180	14.122	14.122	0.000	97	301682	20.0	20.5	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	277374	20.0	20.3	
173 2-Ethylhexyl acrylate	55	14.598	14.598	0.000	82	208440	20.0	19.4	
174 Hexachlorobutadiene	225	14.626	14.626	0.000	95	120293	20.0	21.2	
175 Naphthalene	128	14.729	14.729	0.000	96	820728	20.0	20.2	
176 1,2,3-Trichlorobenzene	180	14.874	14.874	0.000	96	285664	20.0	20.4	
177 2-Methylnaphthalene	142	15.514	15.514	0.000	92	472166	20.0	19.8	
S 238 Total Diethylbenzene	1				0			62.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.00	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 3.20	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 16.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 16.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 4.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:18

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D

Injection Date: 22-Sep-2025 19:10:58

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v20

Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

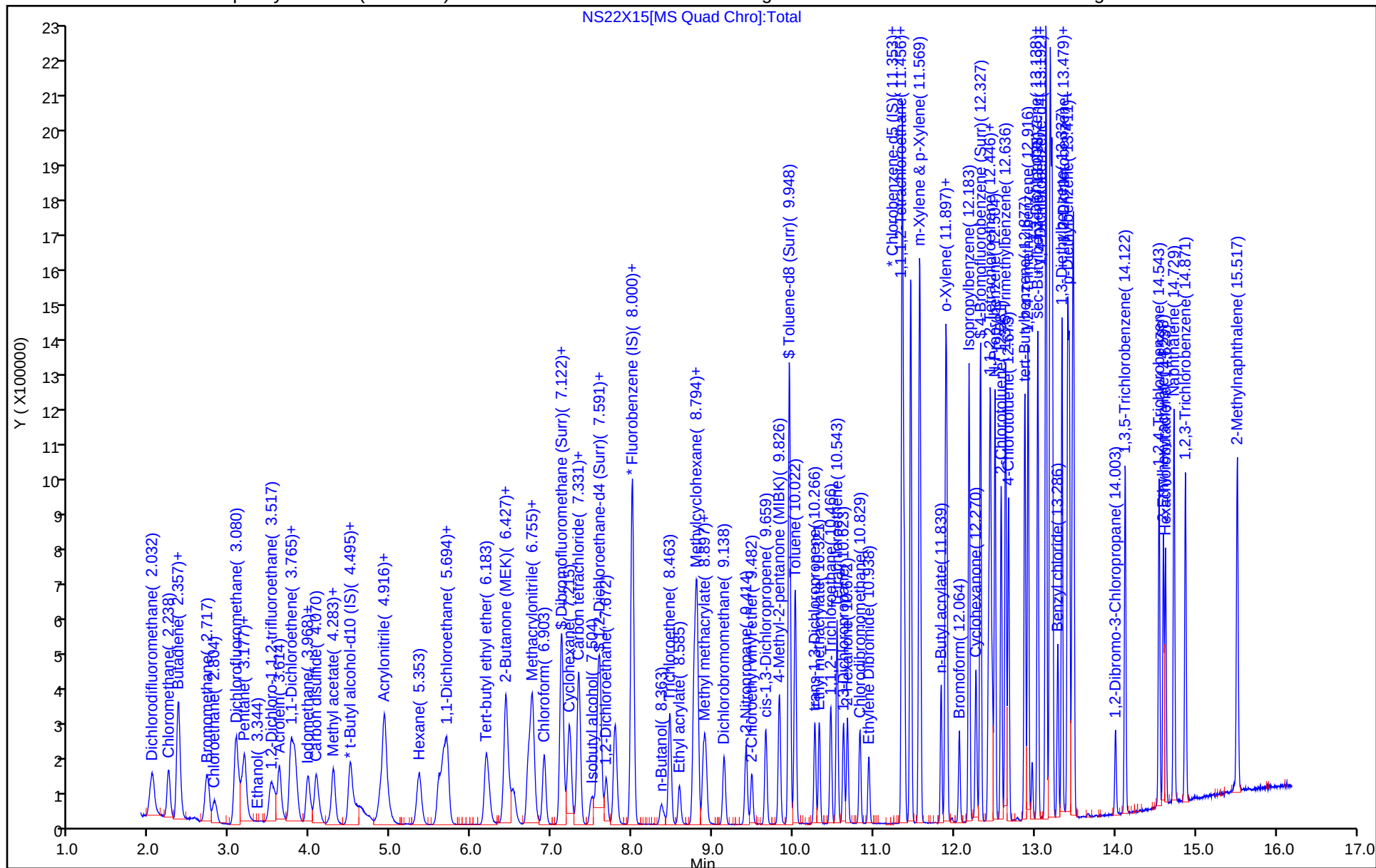
ALS Bottle#: 14

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

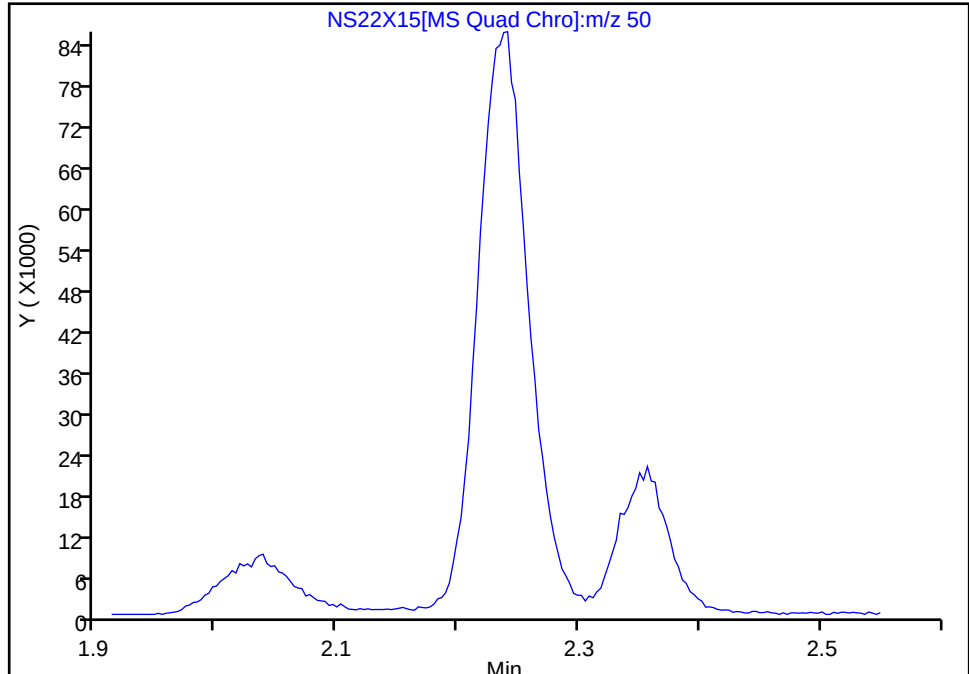
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

4 Chloromethane, CAS: 74-87-3

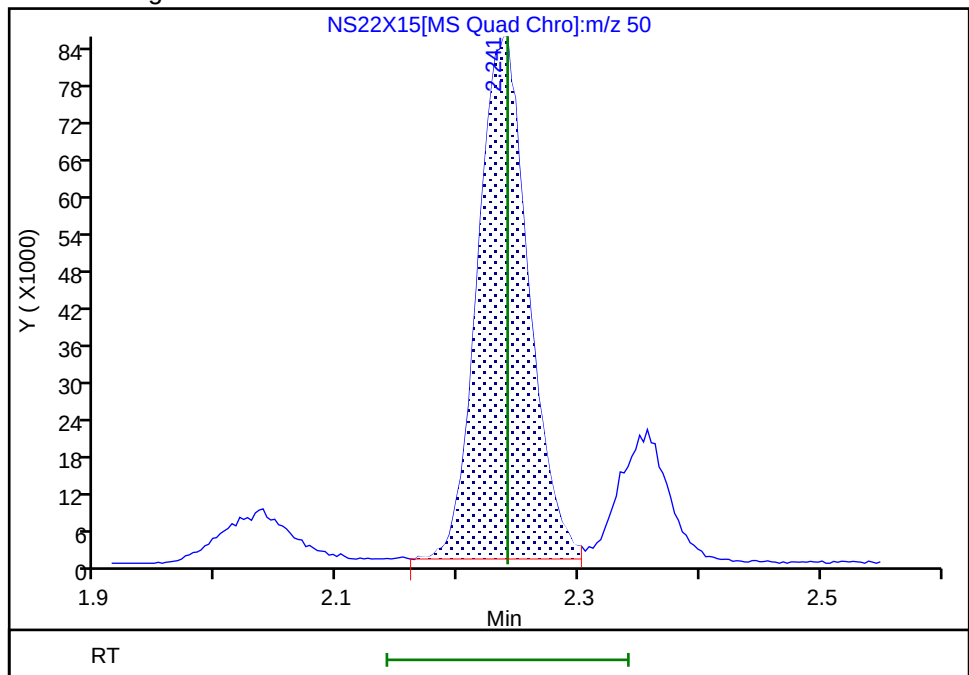
Signal: 1

Not Detected
Expected RT: 2.24

Processing Integration Results



Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:29:43 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

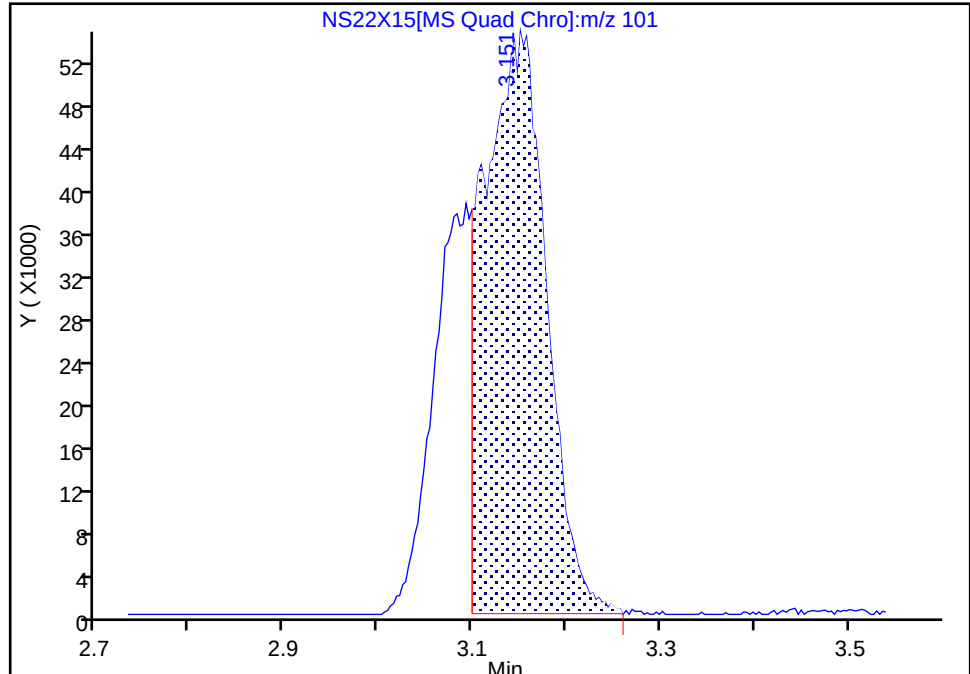
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

11 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

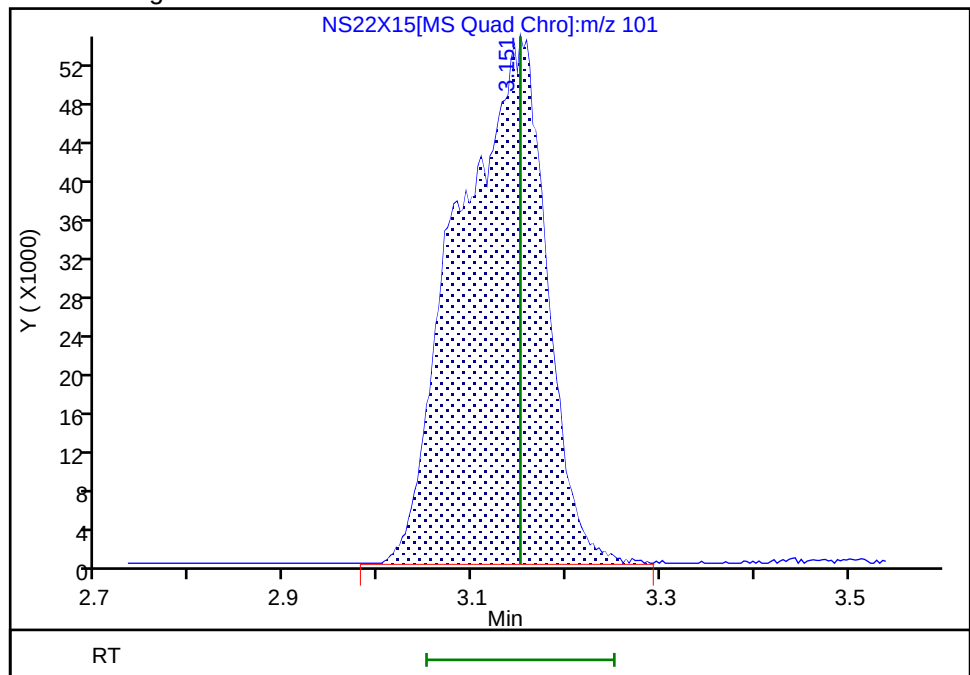
RT: 3.15
Area: 252550
Amount: 14.534466
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 354075
Amount: 20.834712
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:29:51 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

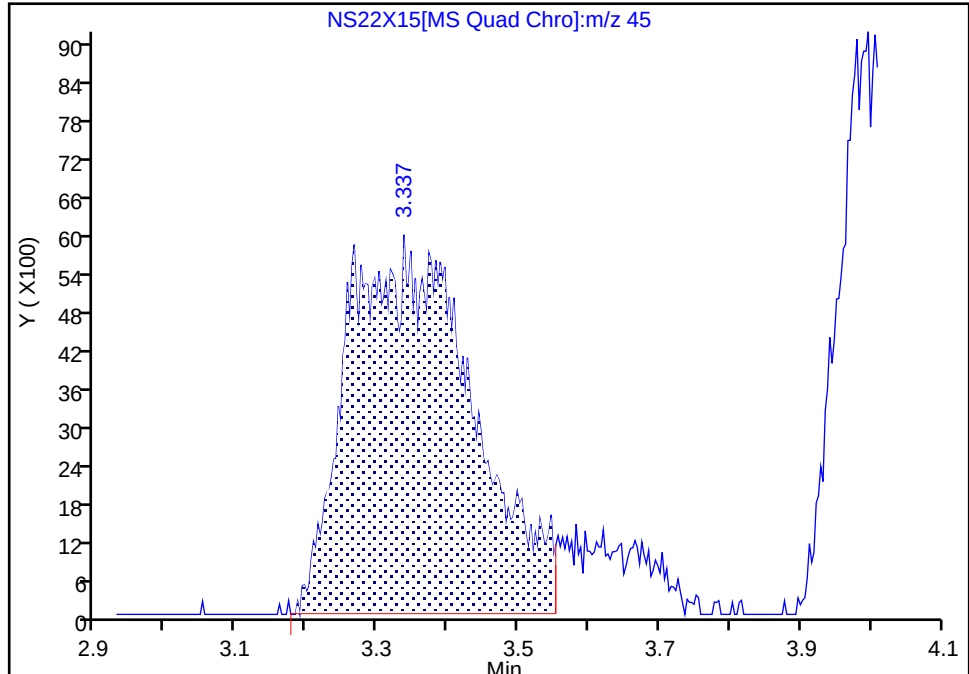
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

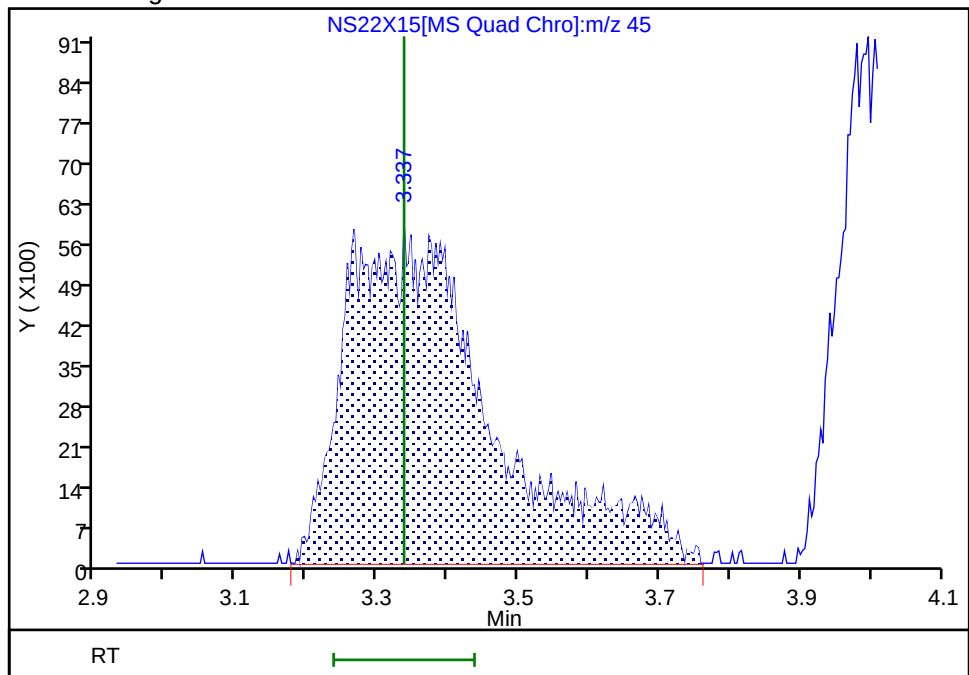
RT: 3.34
Area: 72363
Amount: 895.9312
Amount Units: ug/l

Processing Integration Results



RT: 3.34
Area: 82301
Amount: 1001.3714
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:23:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

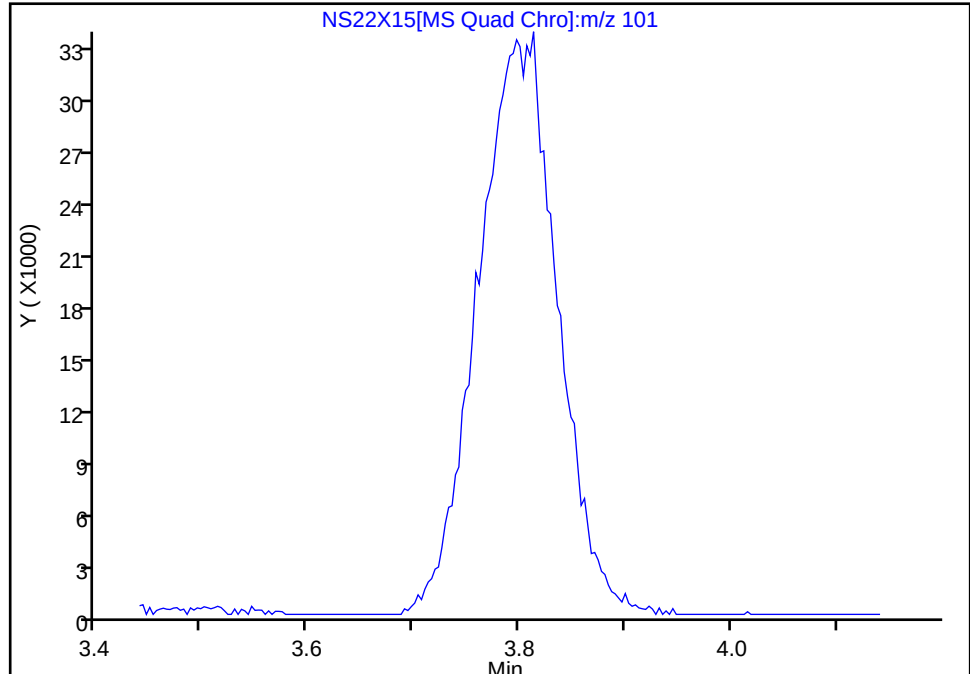
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

18 1,1,2-Trichloro-1,2,2-trifluoroethane, CAS: 76-13-1

Signal: 1

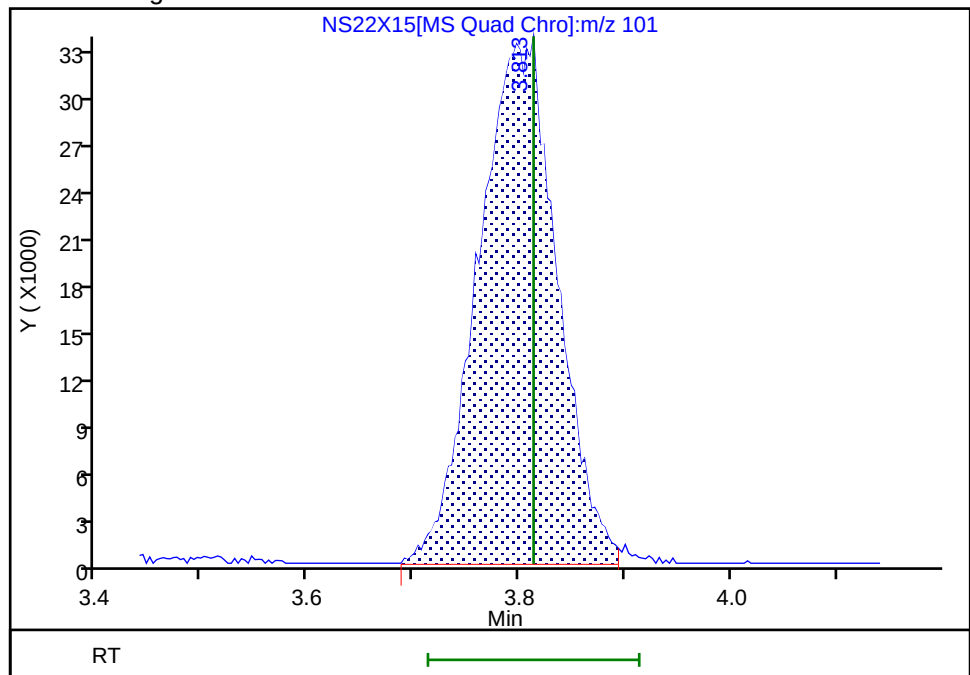
Not Detected
Expected RT: 3.81

Processing Integration Results



RT: 3.81
Area: 174295
Amount: 20.614173
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:00 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

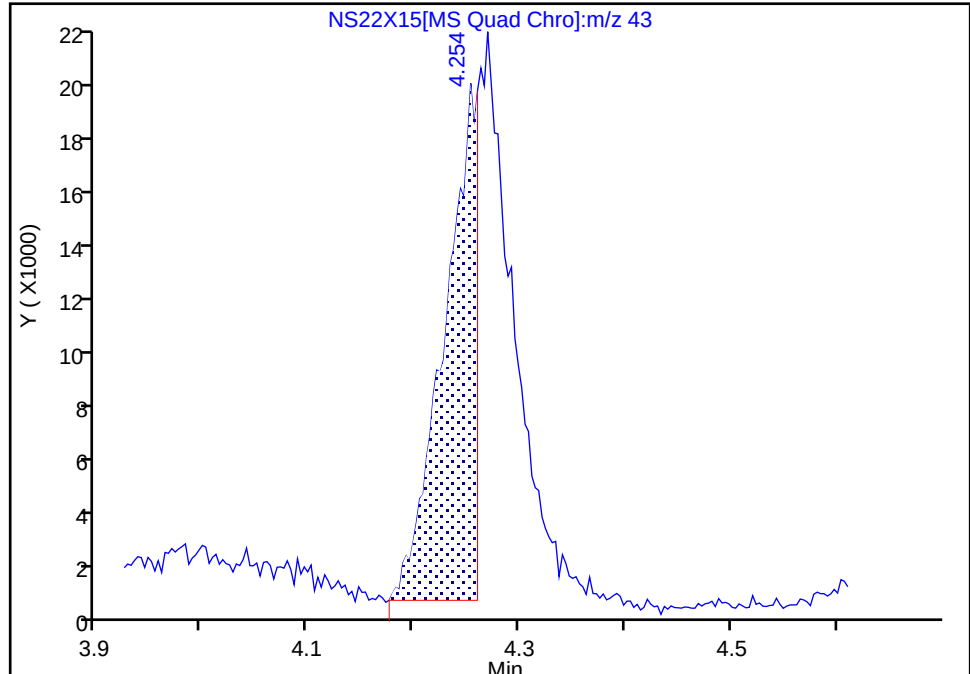
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

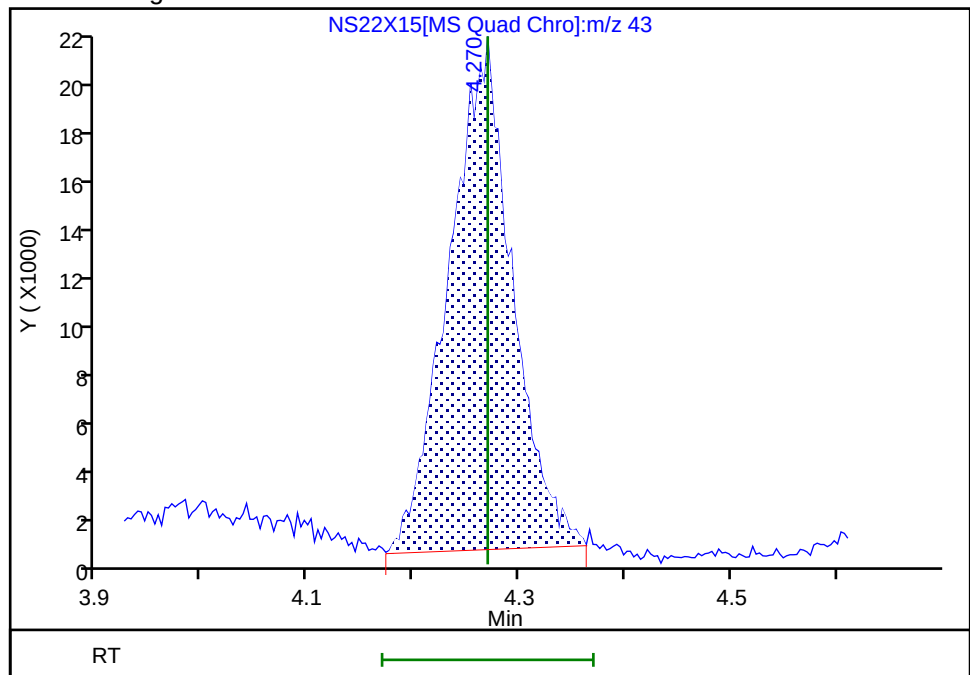
RT: 4.25
Area: 40581
Amount: 11.296866
Amount Units: ug/l

Processing Integration Results



RT: 4.27
Area: 84466
Amount: 19.171608
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:09 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

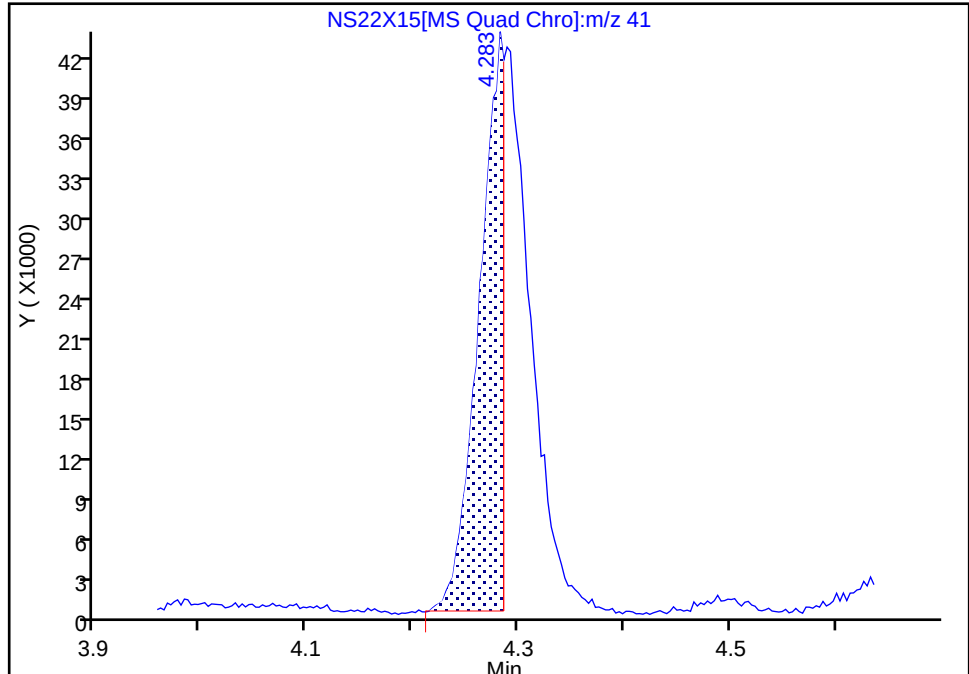
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

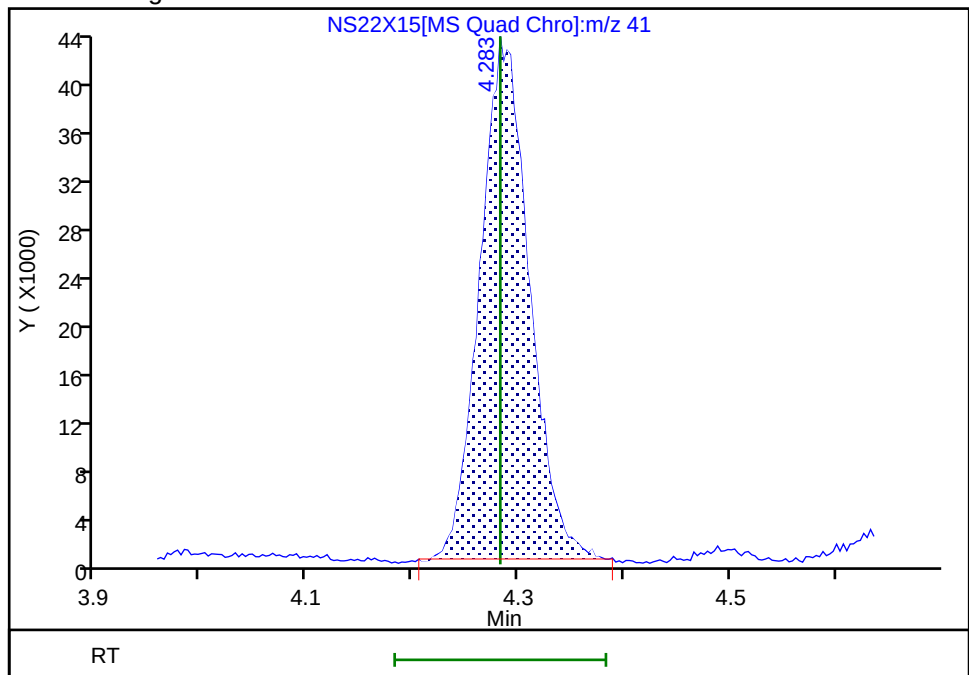
RT: 4.28
Area: 70500
Amount: 16.810884
Amount Units: ug/l

Processing Integration Results



RT: 4.28
Area: 138858
Amount: 20.358540
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:15 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

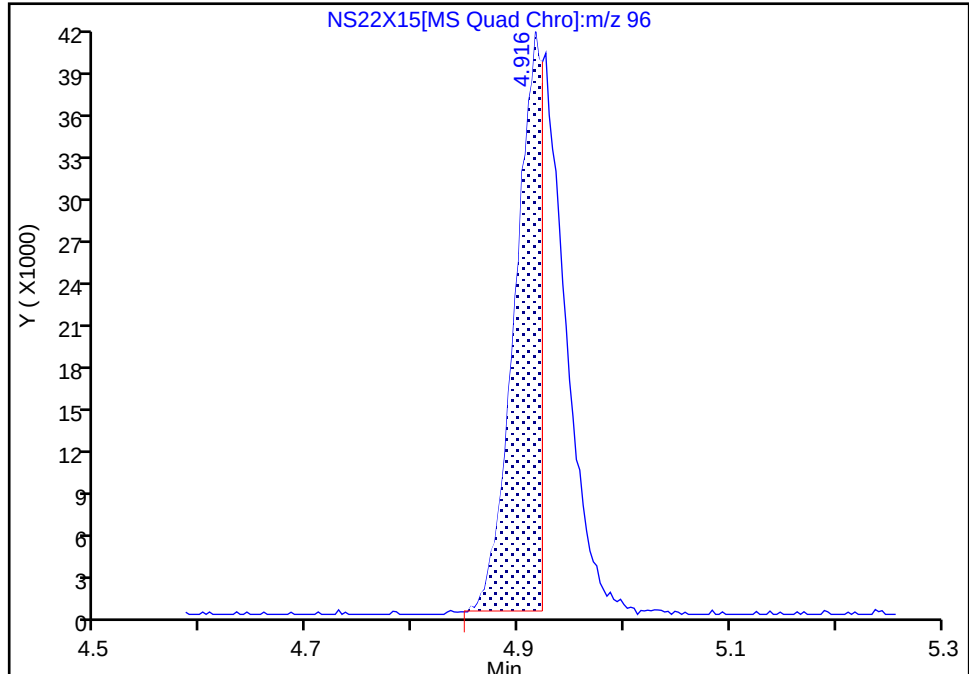
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

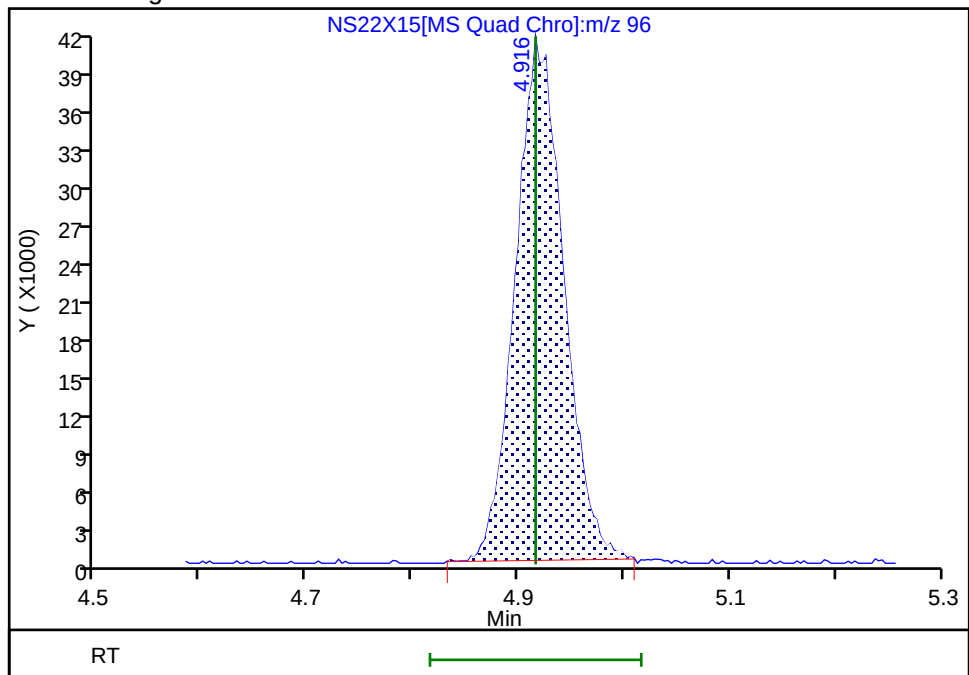
RT: 4.92
Area: 73379
Amount: 15.623331
Amount Units: ug/l

Processing Integration Results



RT: 4.92
Area: 128949
Amount: 19.779323
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:23 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

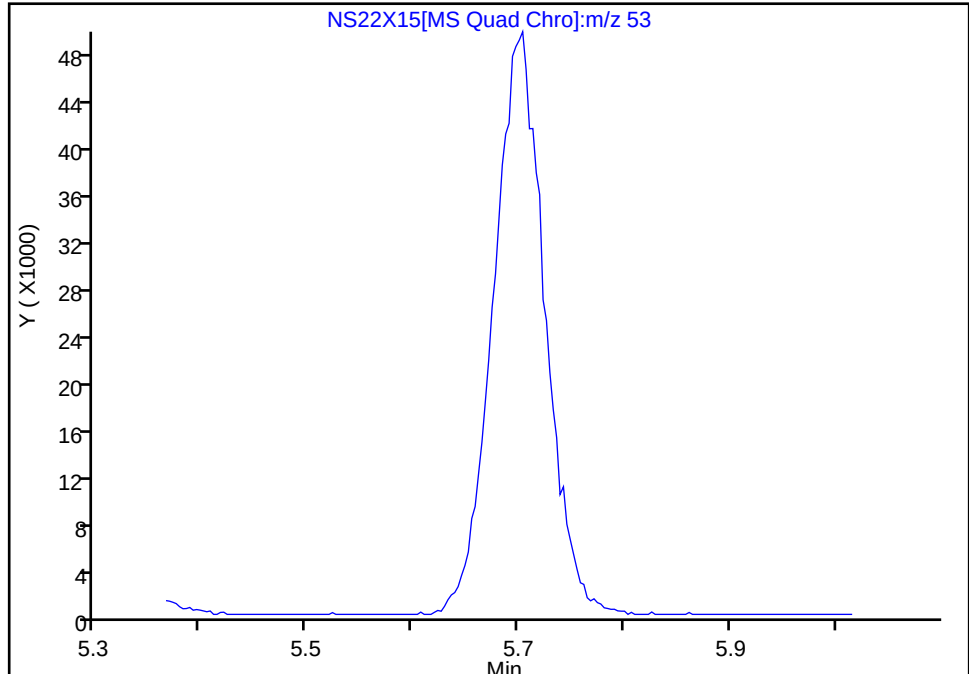
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

37 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

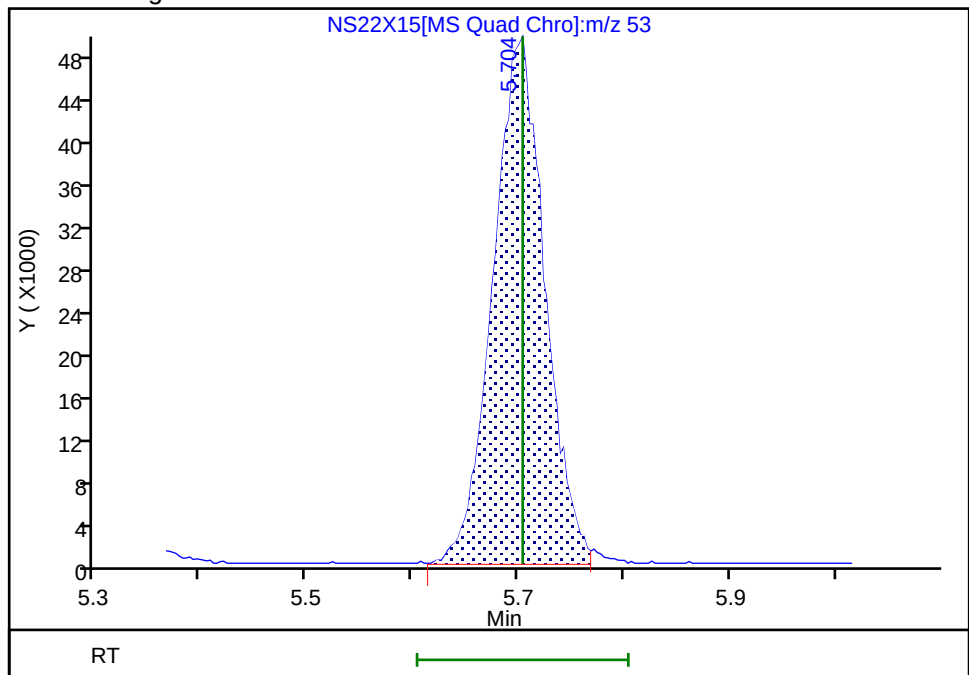
Not Detected
Expected RT: 5.70

Processing Integration Results



Manual Integration Results

RT: 5.70
Area: 167637
Amount: 20.335194
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:30:28 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

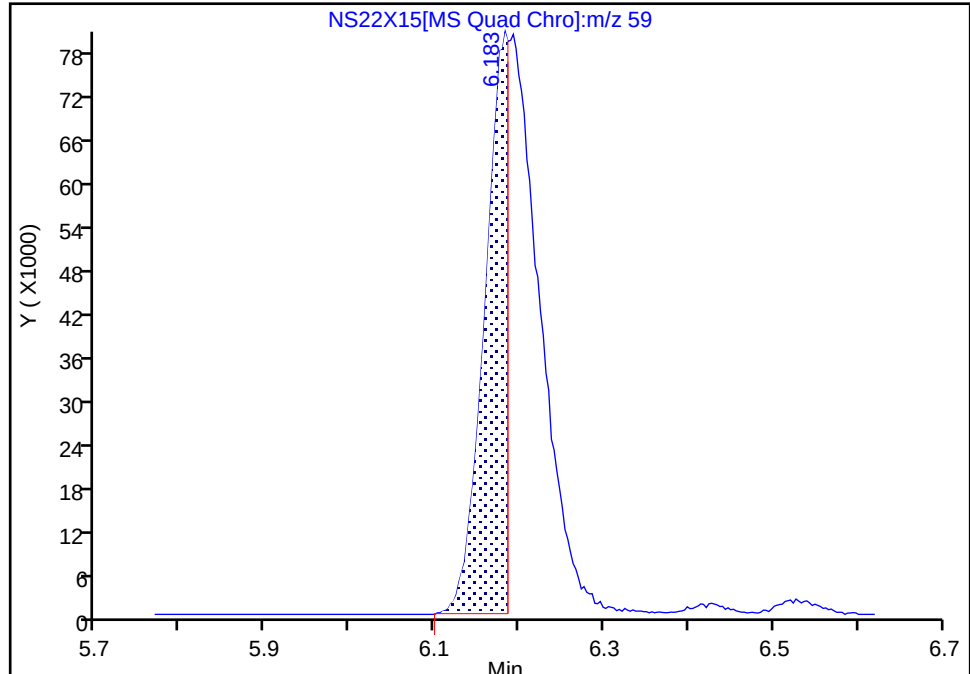
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

39 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

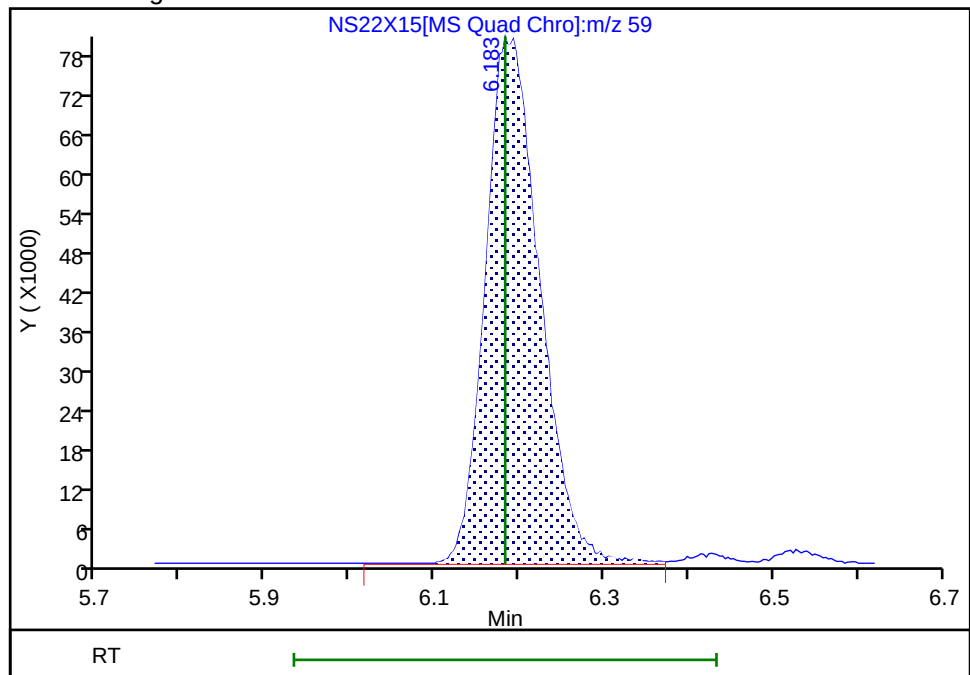
RT: 6.18
Area: 153510
Amount: 13.762569
Amount Units: ug/l

Processing Integration Results



RT: 6.18
Area: 355435
Amount: 20.090836
Amount Units: ug/l

Manual Integration Results



Reviewer: UKEK, 23-Sep-2025 09:06:11 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Other

Eurofins Lancaster Laboratories Environment Testing, LLC

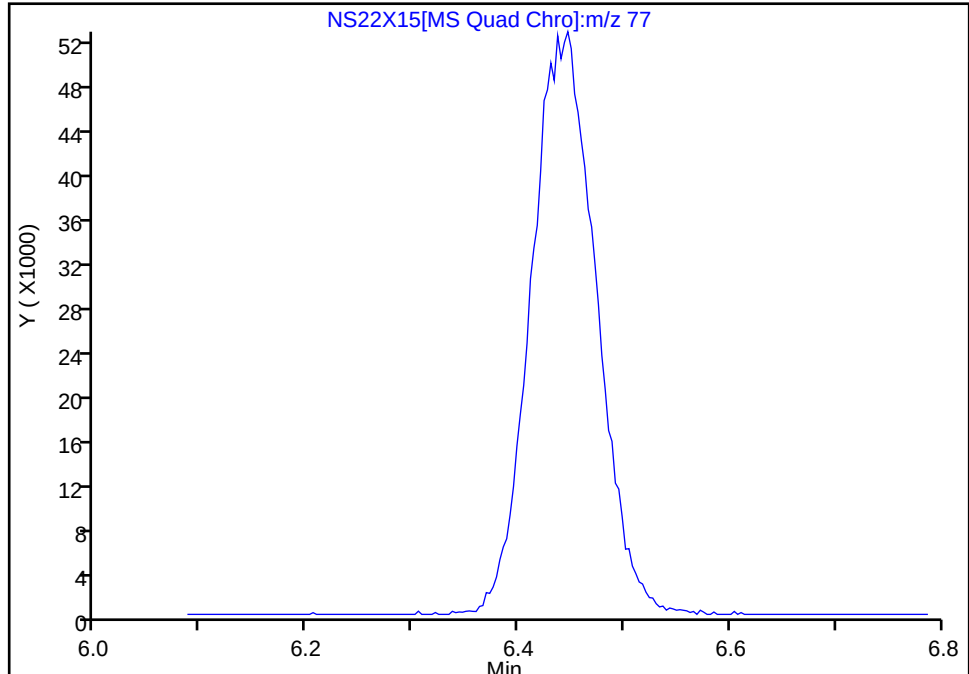
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

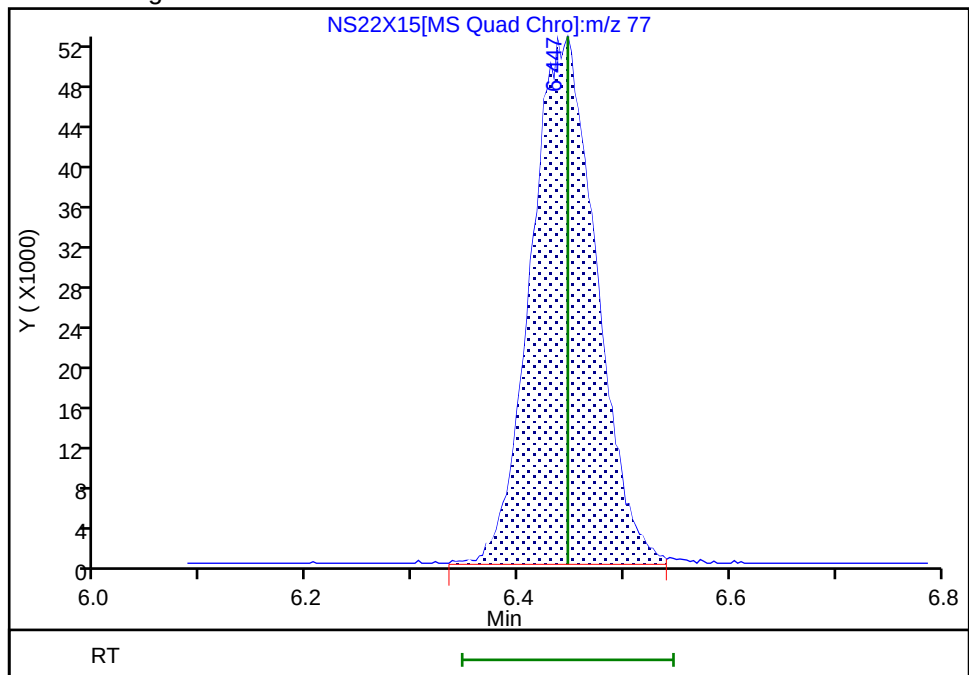
Not Detected
Expected RT: 6.45

Processing Integration Results



Manual Integration Results

RT: 6.45
Area: 223246
Amount: 20.192303
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:30:40 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

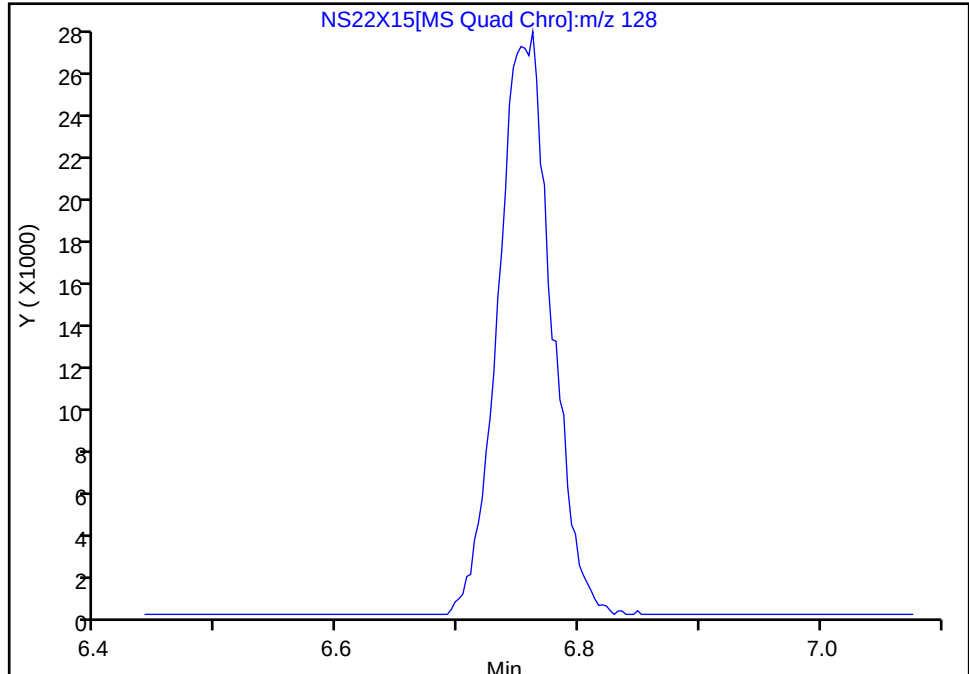
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

47 Chlorobromomethane, CAS: 74-97-5

Signal: 1

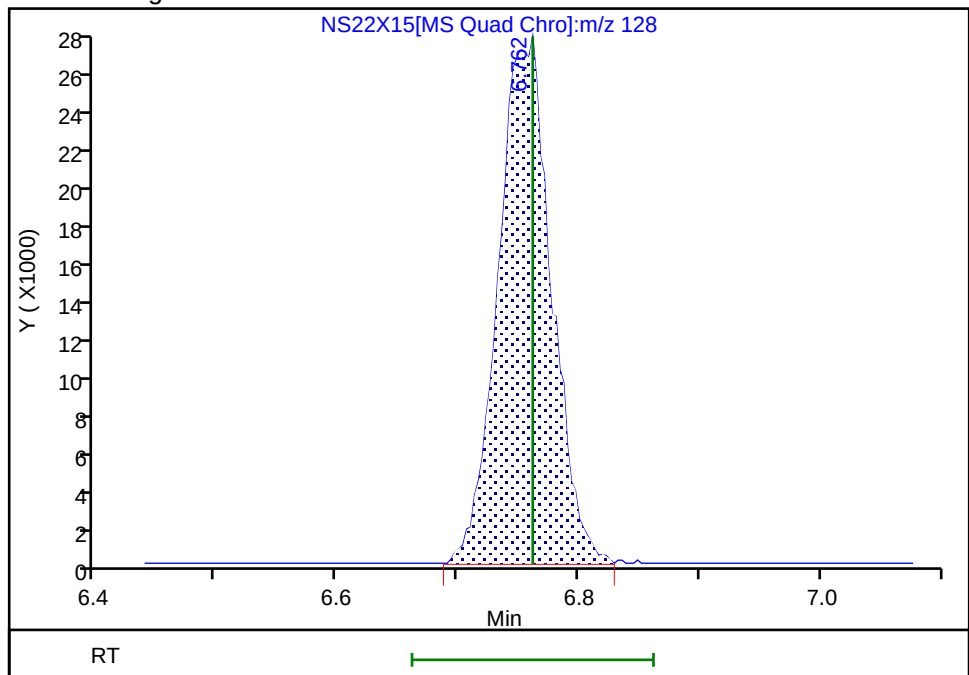
Not Detected
Expected RT: 6.76

Processing Integration Results



RT: 6.76
Area: 83537
Amount: 20.468224
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:47 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

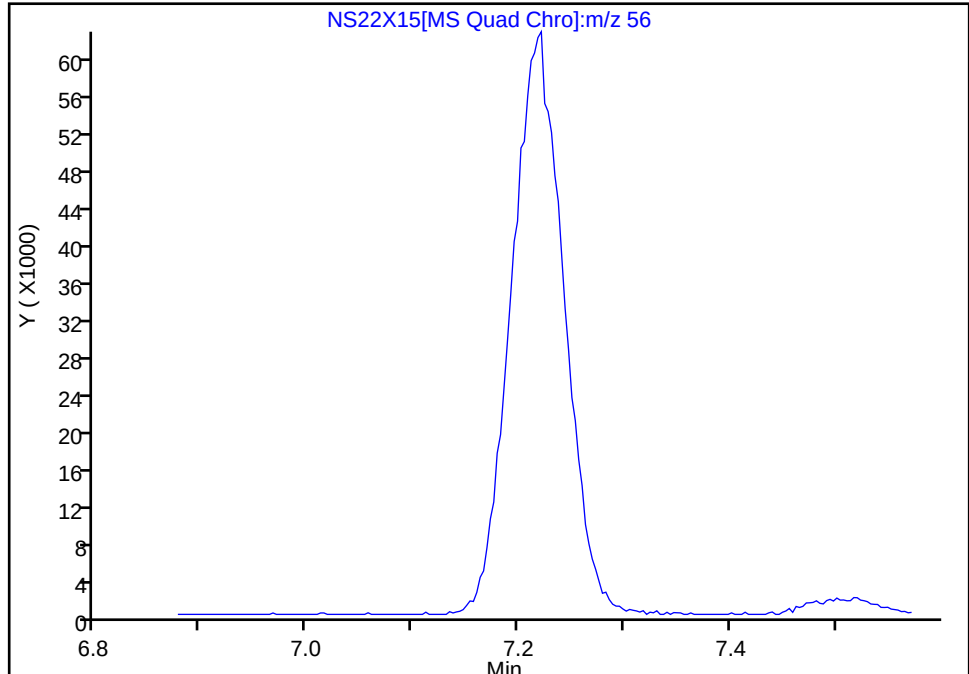
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

52 Cyclohexane, CAS: 110-82-7

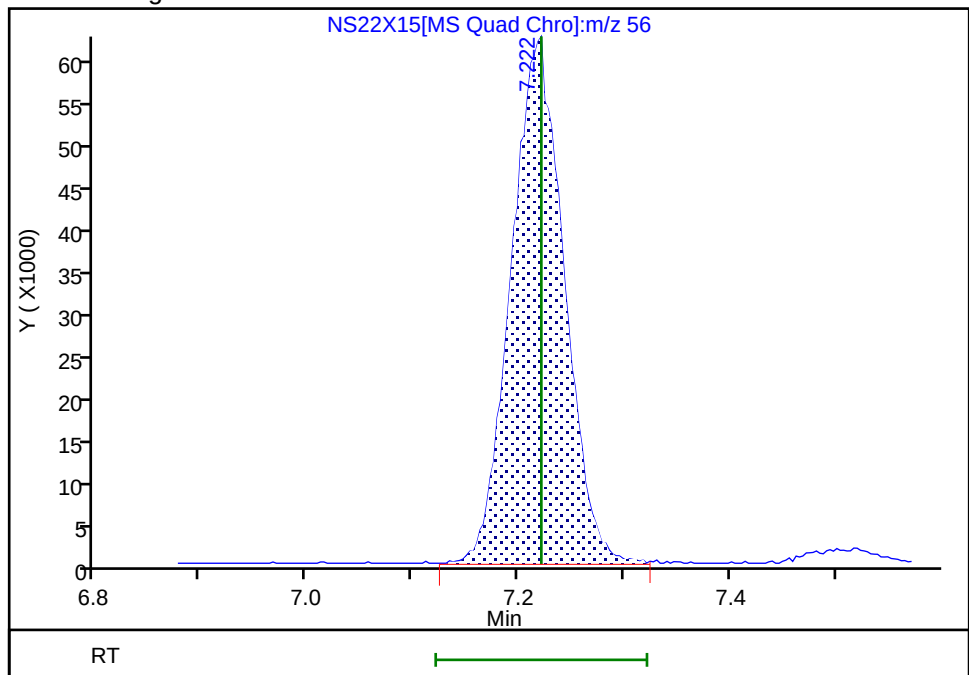
Signal: 1

Not Detected
Expected RT: 7.22

Processing Integration Results



Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:30:54 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

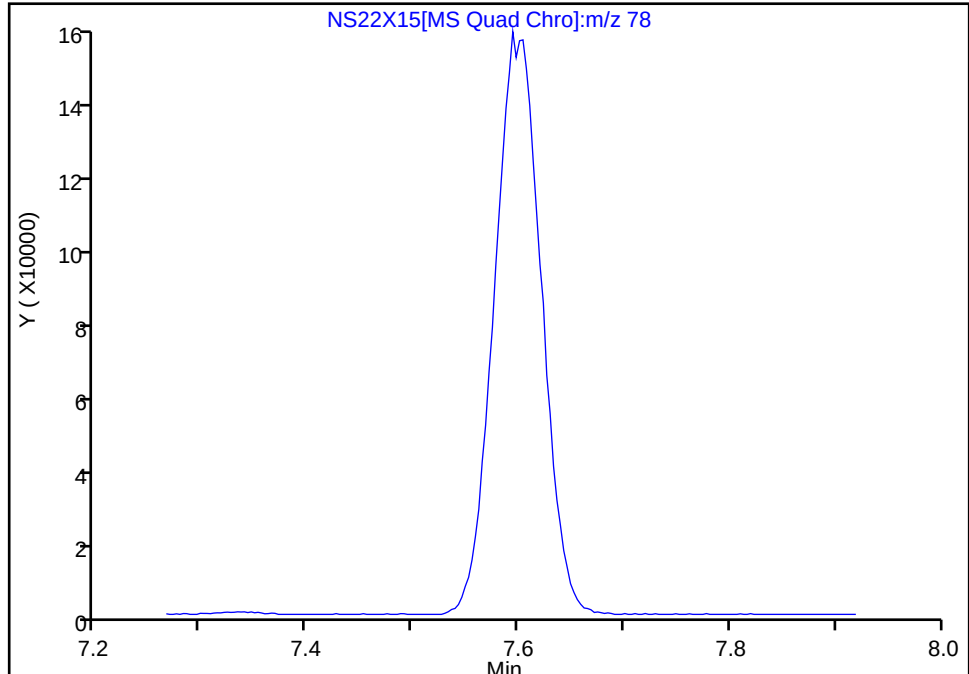
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

57 Benzene, CAS: 71-43-2

Signal: 1

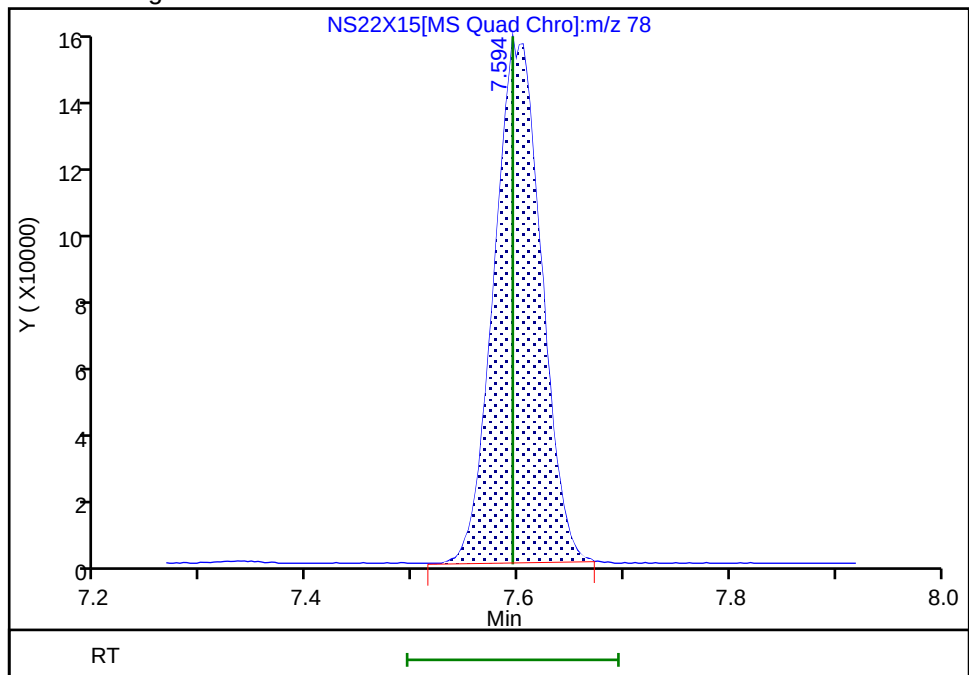
Not Detected
Expected RT: 7.59

Processing Integration Results



RT: 7.59
Area: 489558
Amount: 20.329471
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:24:54 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

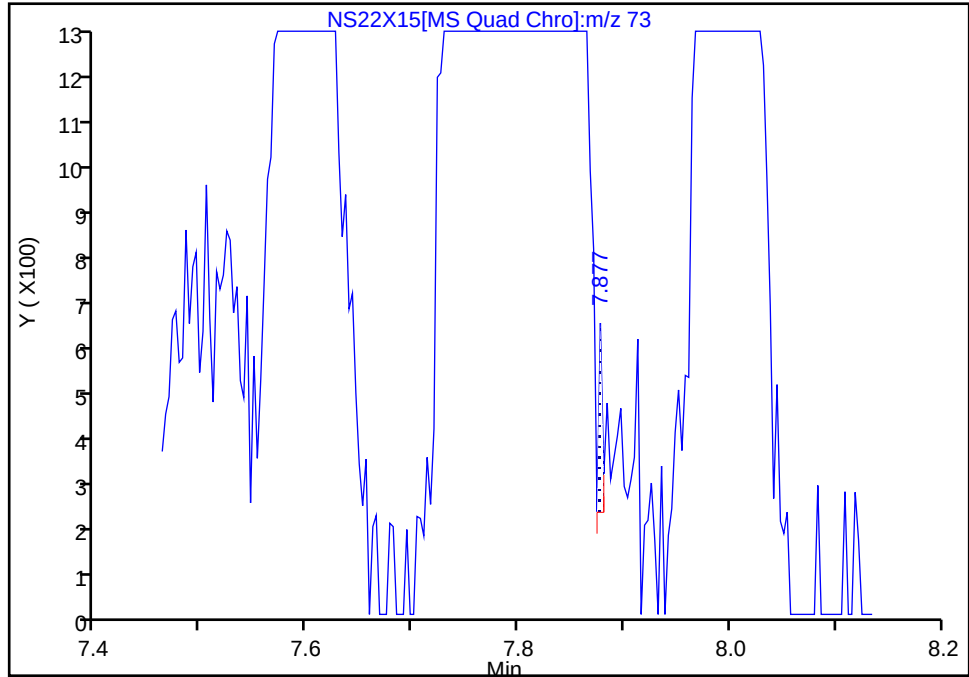
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

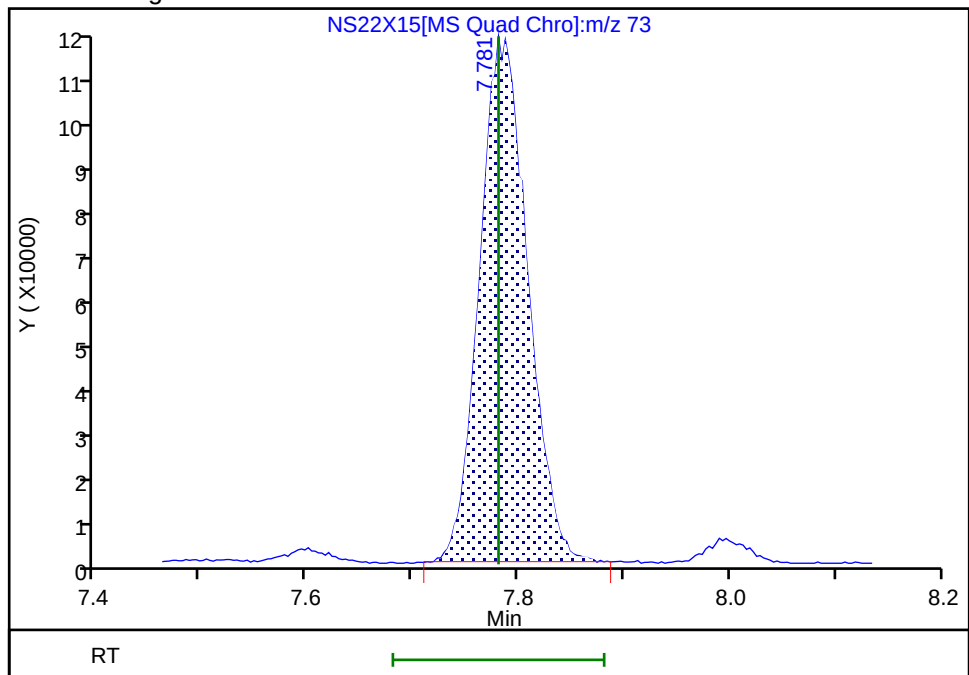
RT: 7.88
Area: 90
Amount: 0.009874
Amount Units: ug/l

Processing Integration Results



RT: 7.78
Area: 351394
Amount: 19.646810
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:31:13 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

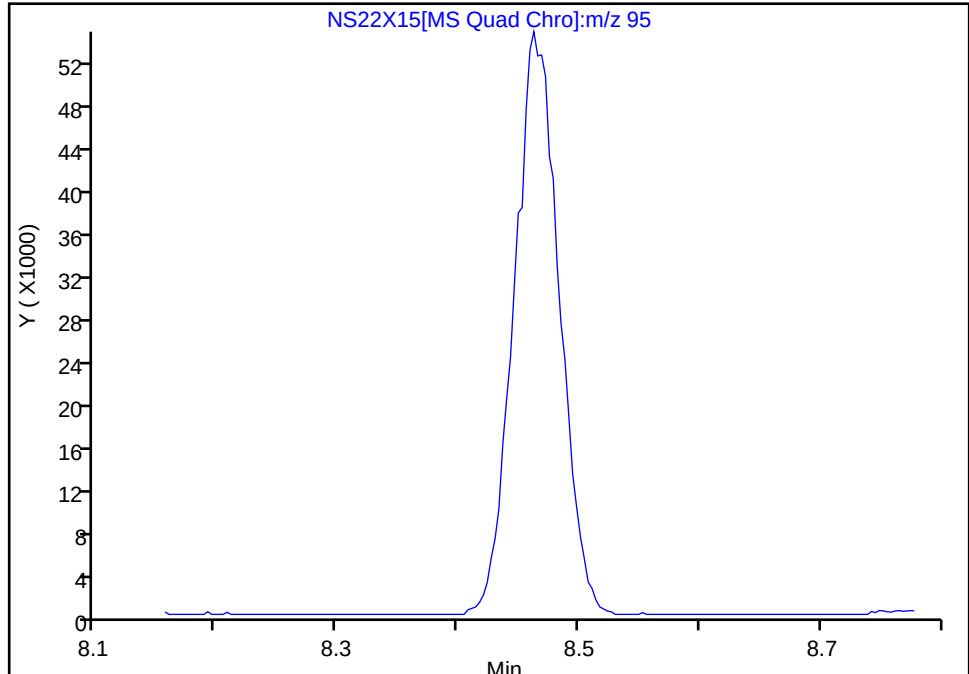
Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

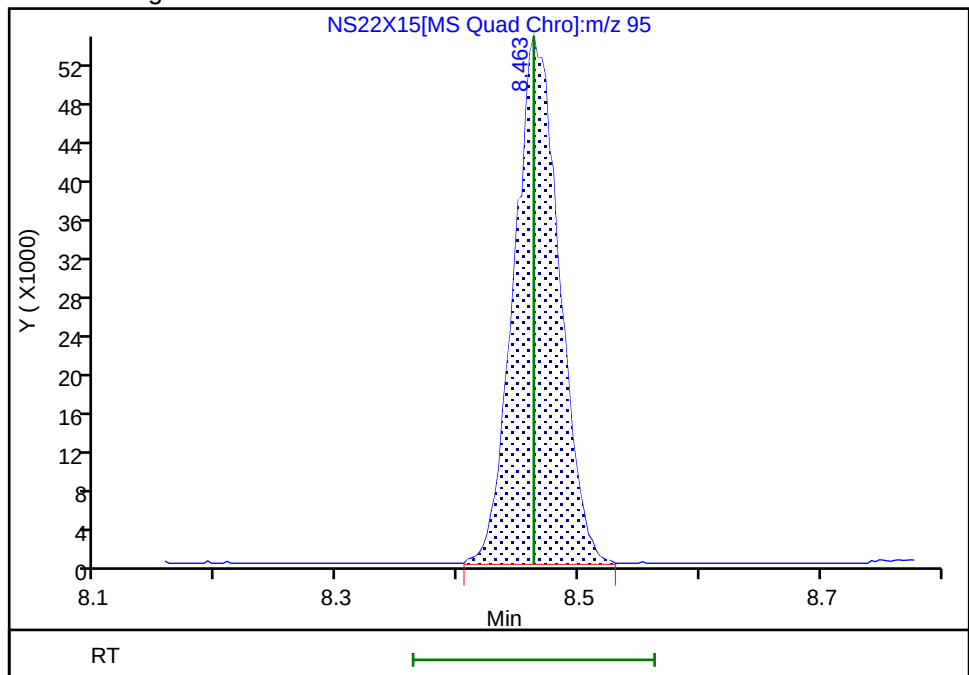
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.46
Area: 140798
Amount: 19.784381
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:31:19 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

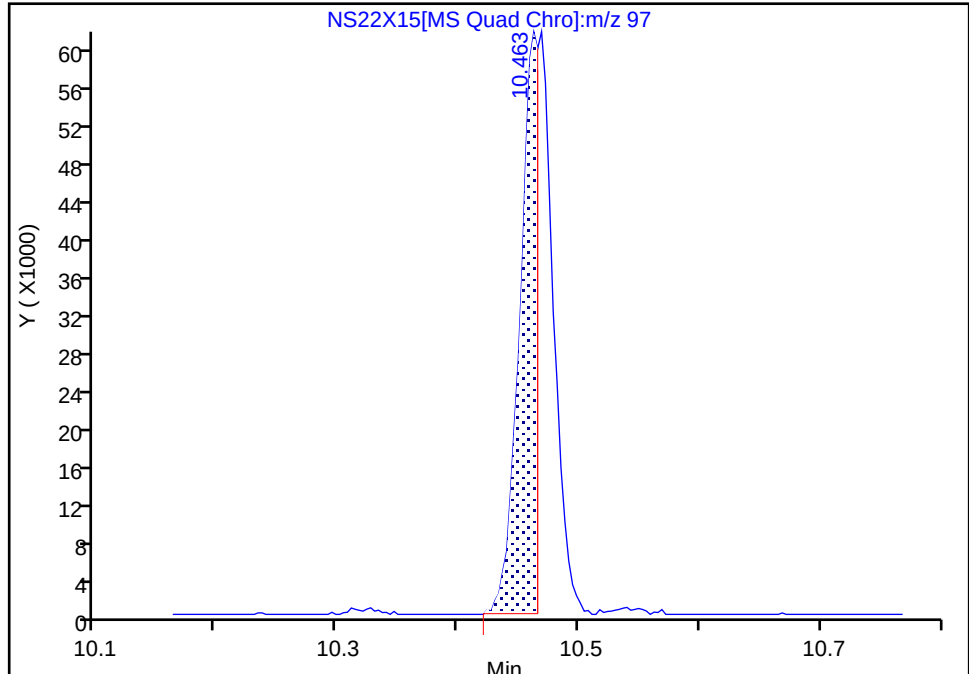
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X15.D
Injection Date: 22-Sep-2025 19:10:58 Instrument ID: 7159
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

122 1,1,2-Trichloroethane, CAS: 79-00-5
Signal: 1

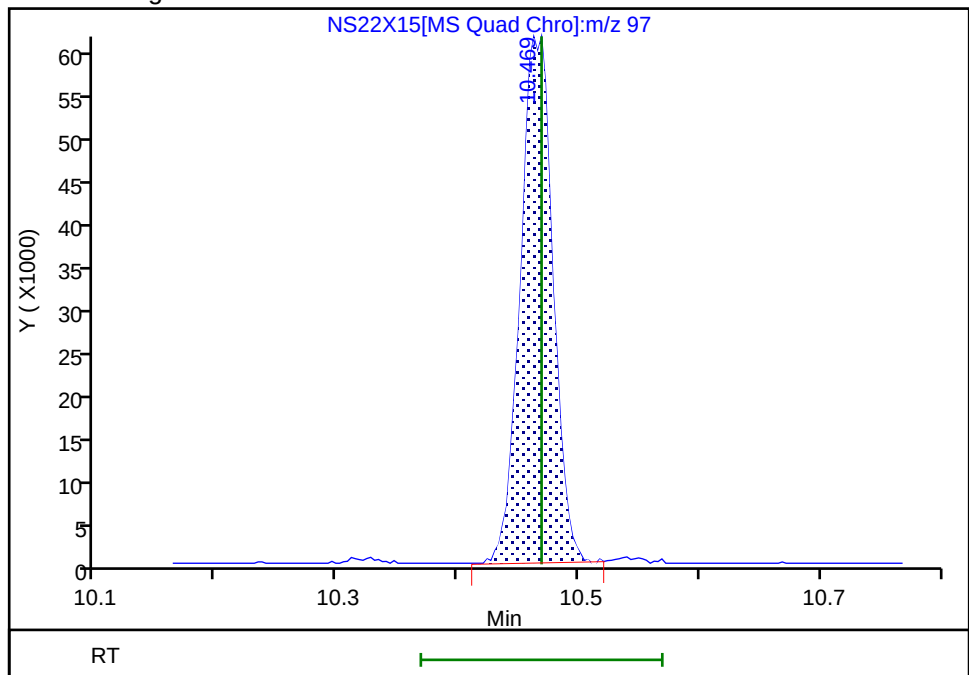
RT: 10.46
Area: 65724
Amount: 12.754789
Amount Units: ug/l

Processing Integration Results



RT: 10.47
Area: 114561
Amount: 19.919022
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:31:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X16.D
 Lims ID: ICIS v50
 Client ID:
 Sample Type: ICIS Calib Level: 5
 Inject. Date: 22-Sep-2025 19:30:37 ALS Bottle#: 15 Worklist Smp#: 16
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-016
 Misc. Info.: ICIS V50
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:24 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKEK

Date: 23-Sep-2025 09:25:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
3 Chlorodifluoromethane	51		2.041					ND	U
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	99	1040500	50.0	58.6	
4 Chloromethane	50	2.231	2.231	0.000	99	659018	50.0	51.8	
5 Butadiene	39	2.350	2.350	0.000	95	450791	50.0	54.8	
6 Vinyl chloride	62	2.363	2.363	0.000	98	707764	50.0	55.0	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.704	2.704	0.000	92	522605	50.0	52.3	
9 Chloroethane	64	2.810	2.810	0.000	100	309644	50.0	52.4	
10 Dichlorofluoromethane	67	3.074	3.074	0.000	97	888172	50.0	52.7	
11 Trichlorofluoromethane	101	3.141	3.141	0.000	97	978301	50.0	56.9	
12 Pentane	43	3.176	3.176	0.000	97	396742	50.0	49.8	
13 Ethanol	45	3.328	3.328	0.000	25	118824	1249.9	1380.6	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.511	3.511	0.000	84	421494	50.0	54.8	
16 Acrolein	56	3.607	3.607	0.000	99	694031	487.9	488.5	
17 1,1-Dichloroethene	96	3.752	3.752	0.000	95	289711	50.0	49.0	
19 Acetone	58	3.794	3.794	0.000	83	71661	100.0	99.8	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.791	3.791	0.000	87	440791	50.0	51.5	
20 Iodomethane	142	3.964	3.964	0.000	99	692197	50.0	49.0	
21 Isopropyl alcohol	45	3.984	3.984	0.000	99	207222	250.0	229.9	
22 Carbon disulfide	76	4.070	4.070	0.000	100	962745	50.0	48.7	
24 Methyl acetate	43	4.254	4.254	0.000	97	207819	50.0	46.6	
25 3-Chloro-1-propene	41	4.283	4.283	0.000	87	329383	50.0	47.7	
26 Methylene Chloride	84	4.485	4.485	0.000	83	316496	50.0	48.9	
* 27 t-Butyl alcohol-d10 (IS)	65	4.533	4.533	0.000	89	311876	250.0	250.0	
28 2-Methyl-2-propanol	59	4.665	4.665	0.000	99	342964	250.0	260.3	
29 Acrylonitrile	53	4.861	4.861	0.000	97	303545	125.0	121.7	
31 trans-1,2-Dichloroethene	96	4.913	4.913	0.000	94	320041	50.0	48.5	
32 Methyl tert-butyl ether	73	4.910	4.910	0.000	93	1012587	50.0	50.1	
33 Hexane	57	5.347	5.347	0.000	90	392724	50.0	52.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	96	492156	50.0	49.4	
36 Isopropyl ether	45	5.652	5.652	0.000	91	802919	50.0	49.9	
37 2-Chloro-1,3-butadiene	53	5.697	5.697	0.000	91	423127	50.0	50.7	
39 Tert-butyl ethyl ether	59	6.186	6.186	0.000	99	898516	50.0	50.2	
40 2-Butanone (MEK)	43	6.401	6.401	0.000	100	326481	100.0	102.0	a
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	79	368767	50.0	48.7	
43 2,2-Dichloropropane	77	6.443	6.443	0.000	85	554033	50.0	49.5	a
44 Propionitrile	54	6.508	6.508	0.000	95	277340	250.0	243.7	
45 Methyl acrylate	55	6.524	6.524	0.000	100	335800	50.0	50.5	
46 Methacrylonitrile	67	6.713	6.713	0.000	79	339173	125.0	124.8	Ma
47 Chlorobromomethane	128	6.752	6.752	0.000	84	207361	50.0	50.2	
48 Tetrahydrofuran	71	6.768	6.768	0.000	84	256335	250.0	242.7	
49 Chloroform	83	6.906	6.906	0.000	93	589099	50.0	47.6	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	94	305199	50.0	50.1	
51 1,1,1-Trichloroethane	97	7.128	7.128	0.000	97	633446	50.0	50.0	
52 Cyclohexane	56	7.215	7.215	0.000	91	562387	50.0	52.0	
53 Carbon tetrachloride	117	7.334	7.334	0.000	97	596055	50.0	50.2	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	94	413901	50.0	50.5	
55 Isobutyl alcohol	41	7.495	7.495	0.000	92	218982	625.0	602.0	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.575	0.000	96	69522	50.0	50.6	
57 Benzene	78	7.594	7.594	0.000	96	1212934	50.0	49.7	
59 1,2-Dichloroethane	62	7.675	7.675	0.000	98	387969	50.0	48.9	
60 Tert-amyl methyl ether	73	7.787	7.787	0.000	98	904318	50.0	49.9	a
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	98	1071830	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	59	325712	50.0	52.0	
64 n-Butanol	56	8.356	8.356	0.000	87	181080	625.0	651.4	
65 Trichloroethene	95	8.463	8.463	0.000	95	357208	50.0	49.6	
66 Ethyl acrylate	55	8.585	8.585	0.000	99	393994	50.0	51.4	
67 Methylcyclohexane	83	8.768	8.768	0.000	94	686176	50.0	53.0	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	94	491260	50.0	50.2	
69 1,2-Dichloropropane	63	8.803	8.803	0.000	81	287285	50.0	50.0	
70 Methyl methacrylate	69	8.881	8.881	0.000	88	226357	50.0	50.5	
71 1,4-Dioxane	88	8.900	8.900	0.000	48	66991	625.0	697.0	
72 Dibromomethane	93	8.909	8.909	0.000	90	215332	50.0	50.5	
74 Dichlorobromomethane	83	9.138	9.138	0.000	99	426633	50.0	50.1	
75 2-Nitropropane	41	9.411	9.411	0.000	99	447848	250.0	246.7	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	92	182034	50.0	49.7	
77 cis-1,3-Dichloropropene	75	9.659	9.659	0.000	96	469594	50.0	51.7	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	732473	100.0	101.8	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1075927	50.0	49.5	
118 Toluene	92	10.025	10.025	0.000	98	831776	50.0	49.5	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	426057	50.0	50.2	
121 Ethyl methacrylate	69	10.324	10.324	0.000	87	414075	50.0	51.8	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	89	293401	50.0	49.5	
123 Tetrachloroethene	166	10.543	10.543	0.000	97	477813	50.0	50.6	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	442776	50.0	49.9	
126 2-Hexanone	43	10.671	10.671	0.000	95	496573	100.0	99.7	
128 Chlorodibromomethane	129	10.826	10.826	0.000	89	391154	50.0	50.7	
129 Ethylene Dibromide	107	10.938	10.938	0.000	99	320683	50.0	50.3	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	885200	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	91	479957	50.0	50.3	
133 Chlorobenzene	112	11.379	11.379	0.000	98	1003216	50.0	50.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	95	439890	50.0	50.0	
135 Ethylbenzene	91	11.459	11.459	0.000	98	1691239	50.0	50.7	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	100	1370209	100.0	103.5	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	580301	50.0	52.1	
138 o-Xylene	106	11.890	11.890	0.000	95	716149	50.0	51.9	
139 Styrene	104	11.906	11.906	0.000	94	1091570	50.0	52.0	
140 Bromoform	173	12.061	12.061	0.000	98	306872	50.0	53.4	
141 Isopropylbenzene	105	12.186	12.186	0.000	95	2017800	50.0	52.9	
143 Cyclohexanone	55	12.270	12.270	0.000	90	225039	625.0	681.5	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	97	411139	50.0	50.1	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	473691	50.0	52.0	
146 Bromobenzene	156	12.443	12.443	0.000	91	492950	50.0	51.6	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	88	295638	125.0	129.7	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	160277	50.0	51.5	
149 N-Propylbenzene	91	12.504	12.504	0.000	98	2144365	50.0	53.5	
150 2-Chlorotoluene	126	12.581	12.581	0.000	98	475418	50.0	52.1	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	1706107	50.0	54.0	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	454529	50.0	51.9	
154 tert-Butylbenzene	134	12.877	12.877	0.000	91	372876	50.0	53.2	
155 1,2,4-Trimethylbenzene	105	12.919	12.919	0.000	97	1732172	50.0	53.7	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	2210953	50.0	55.3	
158 1,3-Dichlorobenzene	146	13.138	13.138	0.000	98	927117	50.0	51.8	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	97	1964996	50.0	54.6	
* 160 1,4-Dichlorobenzene-d4	152	13.189	13.189	0.000	93	518690	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	901615	50.0	50.5	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	1739541	50.0	53.1	
163 Benzyl chloride	91	13.286	13.286	0.000	98	845054	50.0	52.1	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	95	1046619	50.0	52.9	
165 p-Diethylbenzene	119	13.411	13.411	0.000	96	1118278	50.0	54.0	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	824200	50.0	53.4	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	922001	50.0	51.7	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	938632	50.0	52.9	
170 1,2-Dibromo-3-Chloropropane	75	14.003	14.003	0.000	93	122141	50.0	49.8	
171 1,3,5-Trichlorobenzene	180	14.122	14.122	0.000	98	765213	50.0	52.0	
172 1,2,4-Trichlorobenzene	180	14.543	14.543	0.000	94	712769	50.0	52.1	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	81	578352	50.0	53.9	
174 Hexachlorobutadiene	225	14.623	14.623	0.000	95	306576	50.0	54.0	
175 Naphthalene	128	14.729	14.729	0.000	96	2159980	50.0	53.1	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	96	718299	50.0	51.2	
177 2-Methylnaphthalene	142	15.517	15.517	0.000	95	1297448	50.0	54.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:25

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X16.D

Injection Date: 22-Sep-2025 19:30:37

Instrument ID: 7159

Operator ID: kas02648

Lims ID: ICIS v50

Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

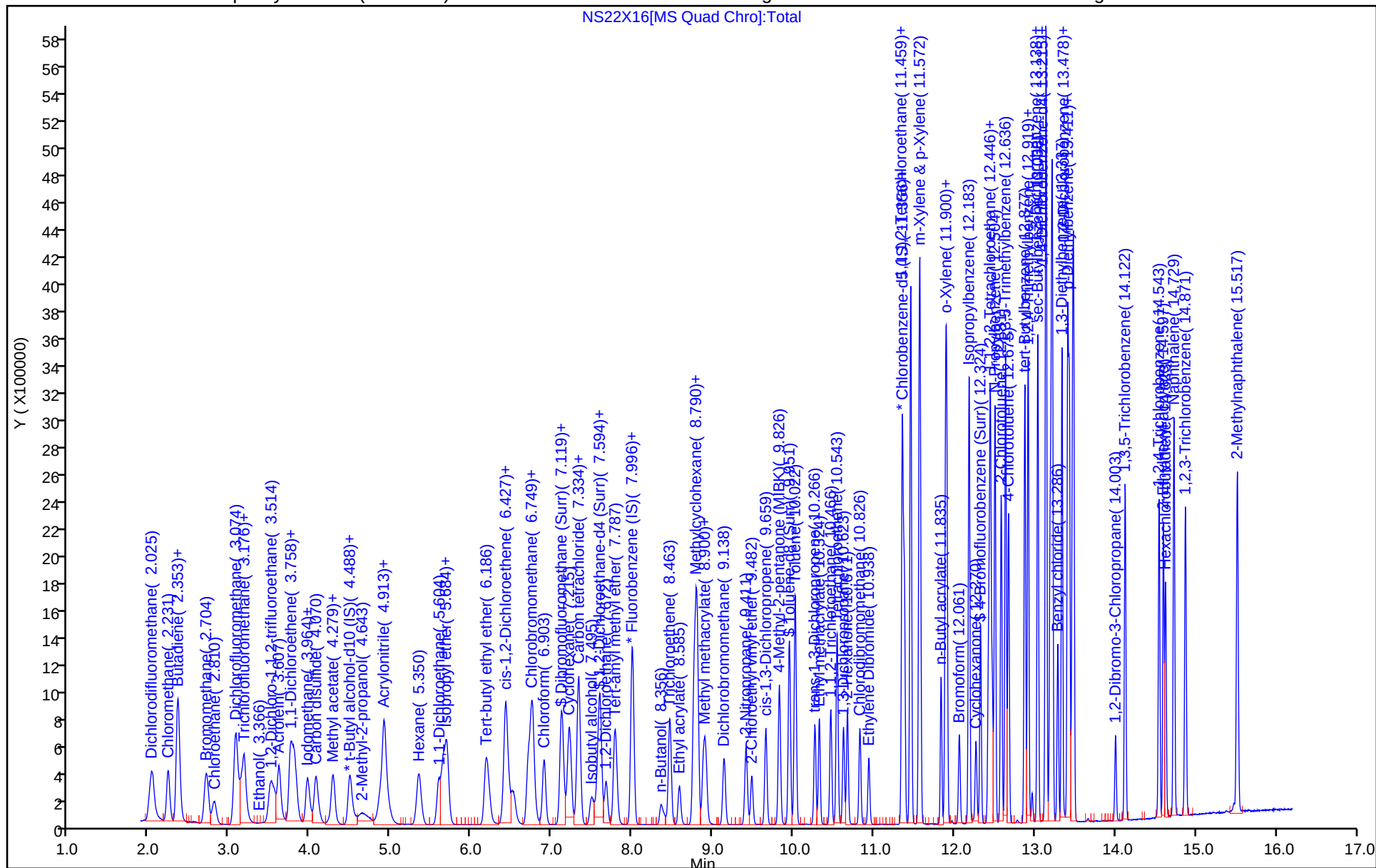
ALS Bottle#: 15

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

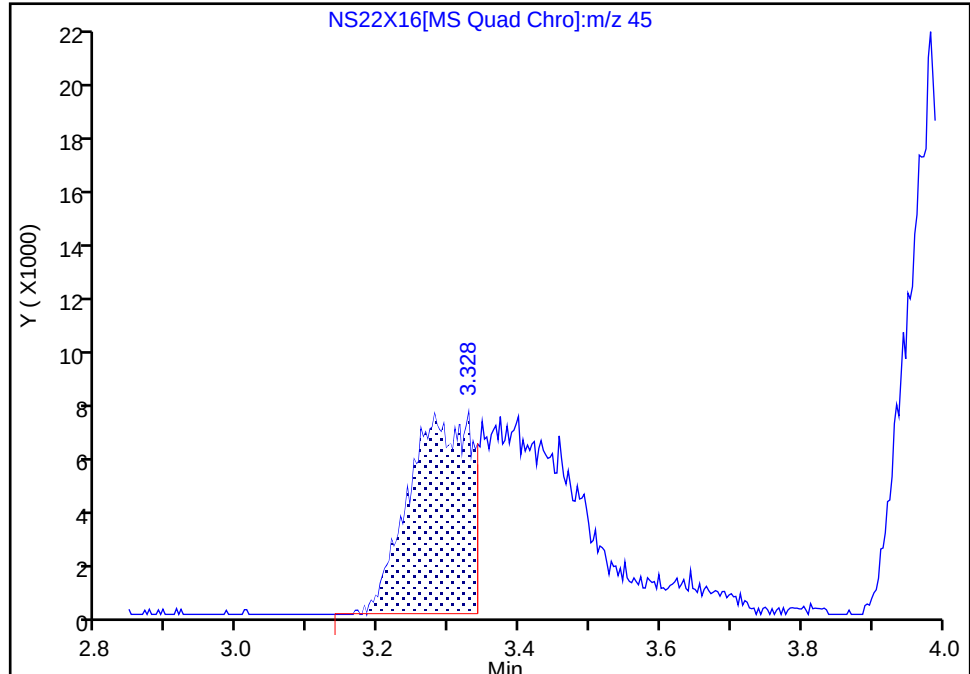
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

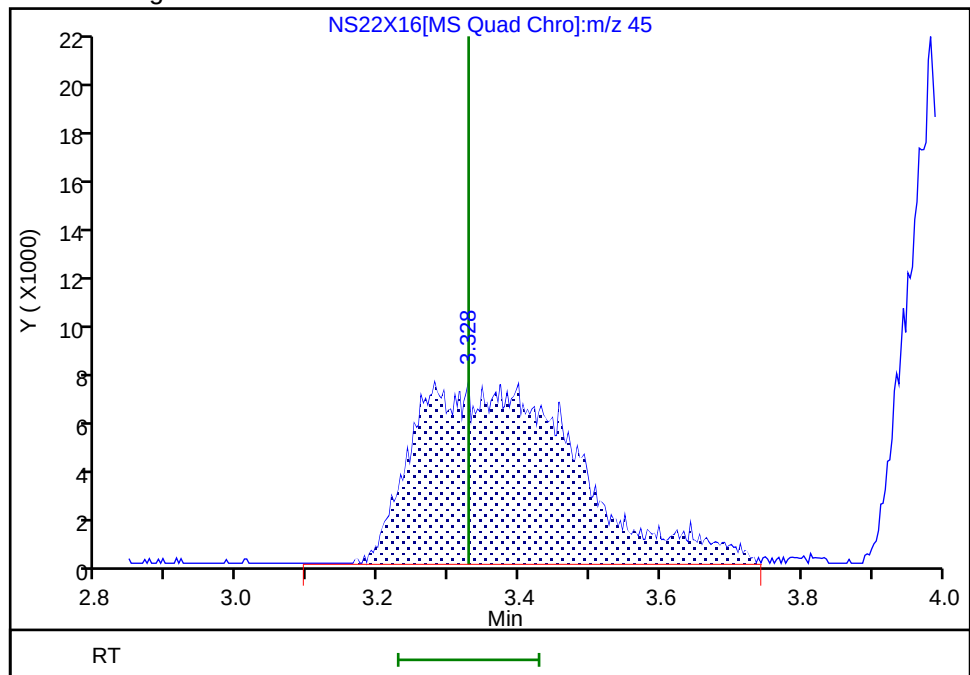
RT: 3.33
Area: 45727
Amount: 800.0345
Amount Units: ug/l

Processing Integration Results



RT: 3.33
Area: 118824
Amount: 1380.6315
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:28:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

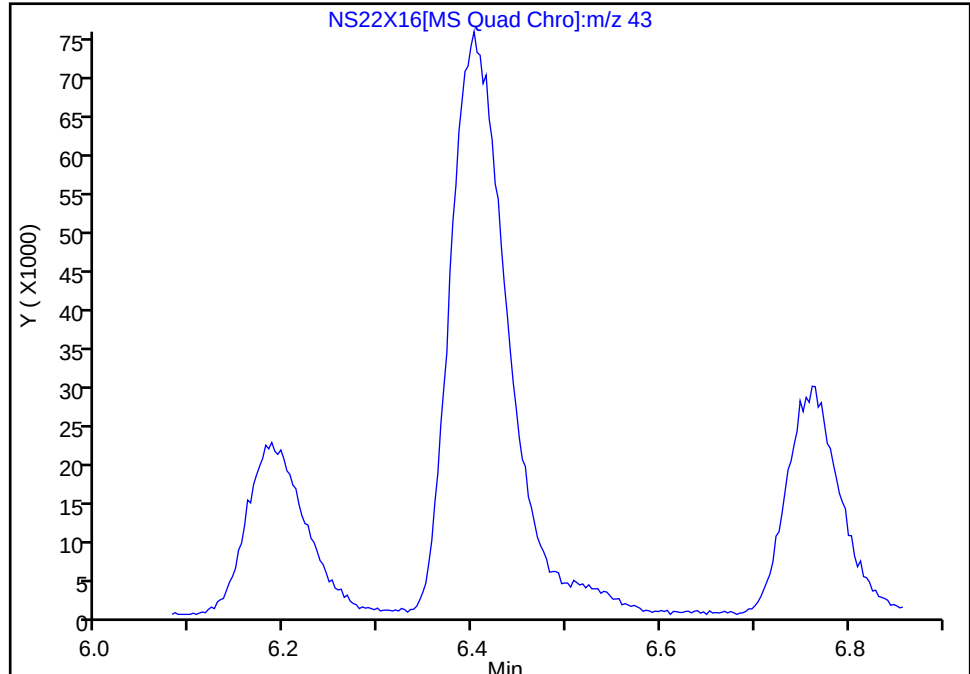
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

40 2-Butanone (MEK), CAS: 78-93-3

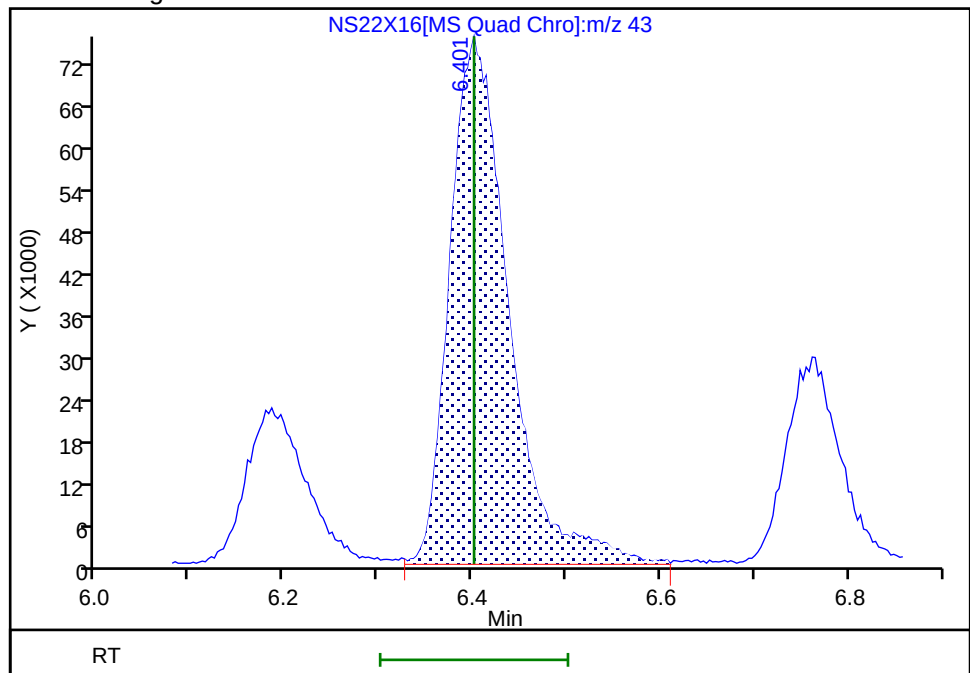
Signal: 1

Not Detected
Expected RT: 6.40

Processing Integration Results



Manual Integration Results



RT: 6.40
Area: 326481
Amount: 102.0418
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:28:38 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

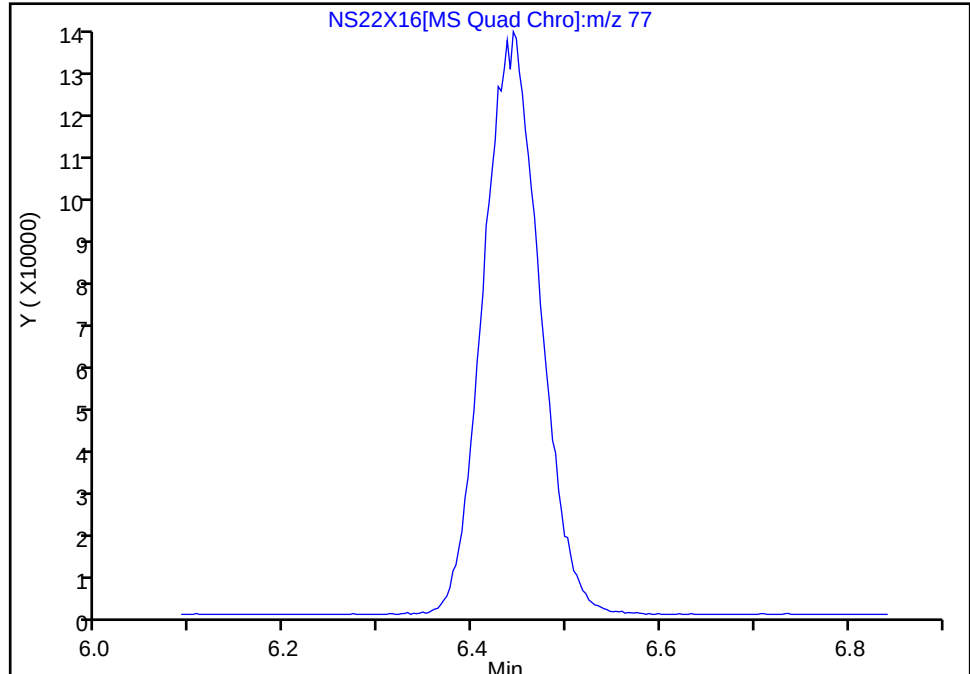
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

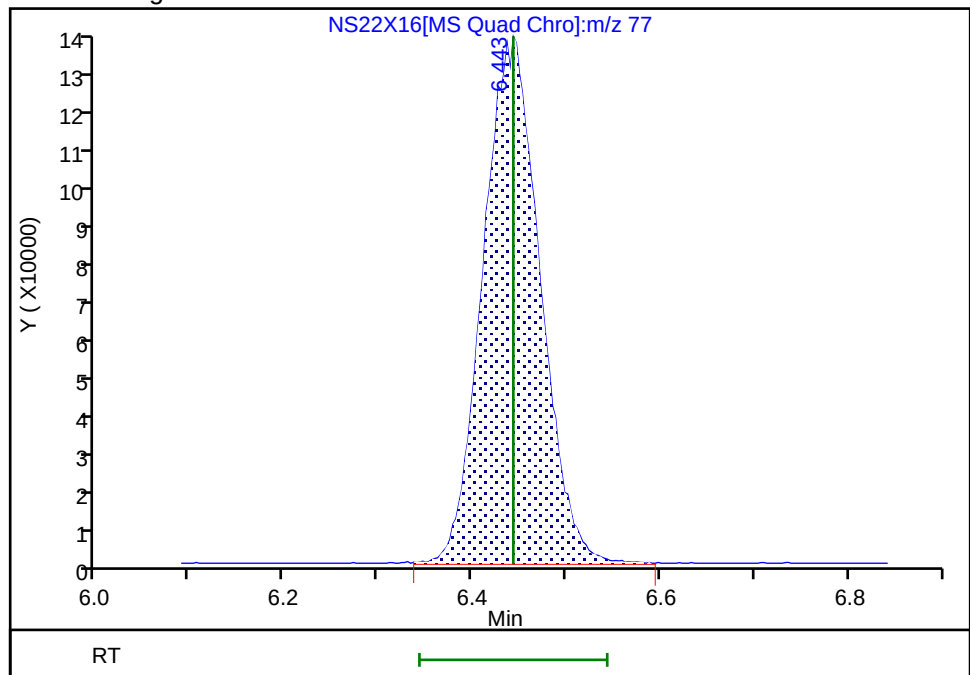
Not Detected
Expected RT: 6.44

Processing Integration Results



RT: 6.44
Area: 554033
Amount: 49.492580
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:28:42 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

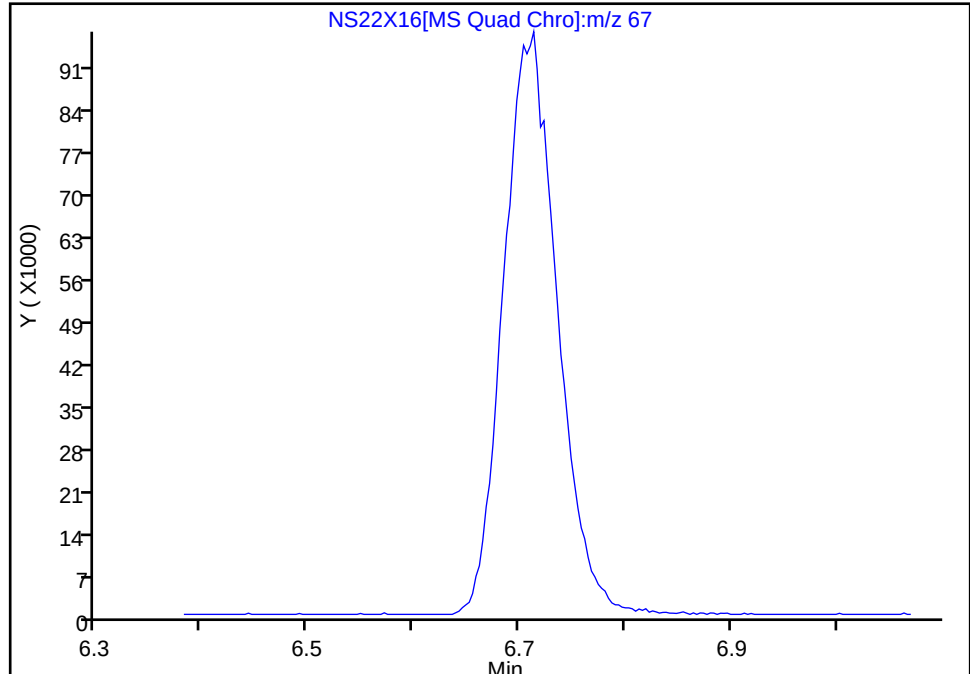
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

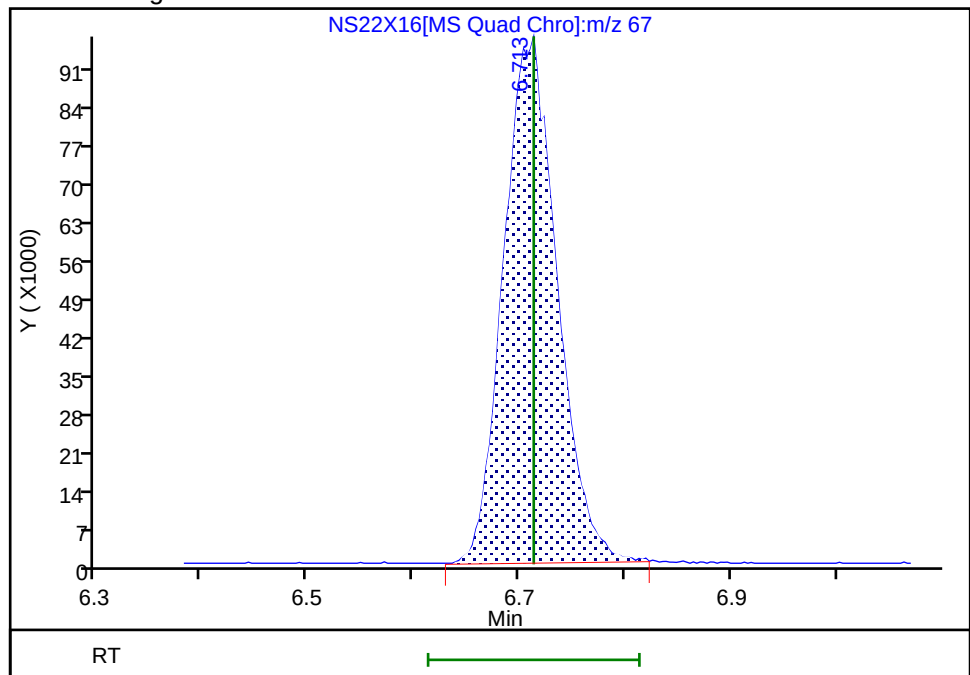
Signal: 1

Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results



RT: 6.71
Area: 339173
Amount: 124.7750
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:29:06 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

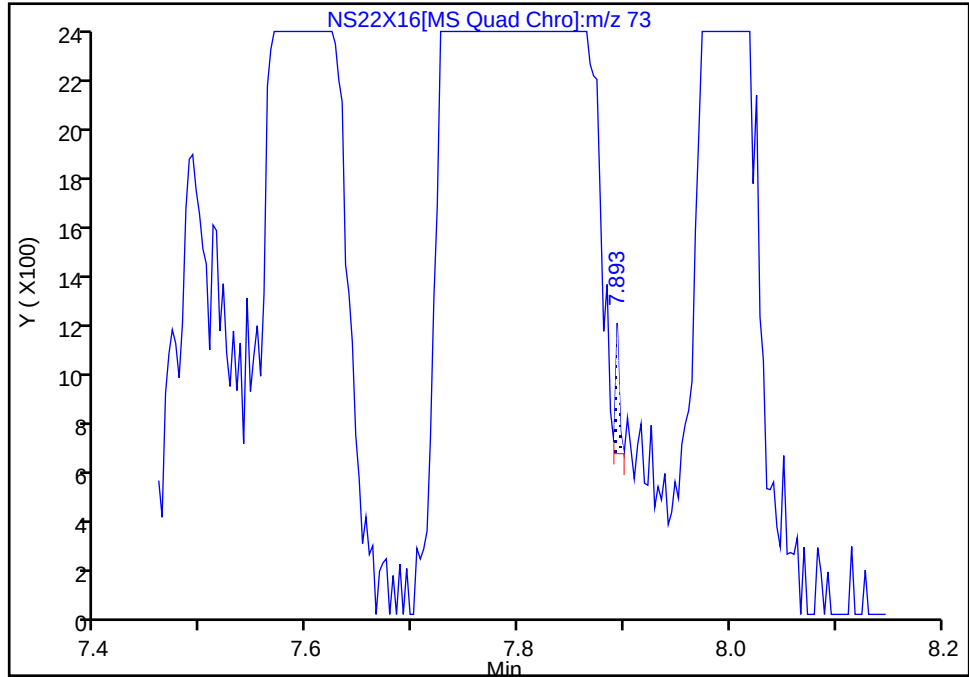
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Injection Date: 22-Sep-2025 19:30:37 Instrument ID: 7159
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

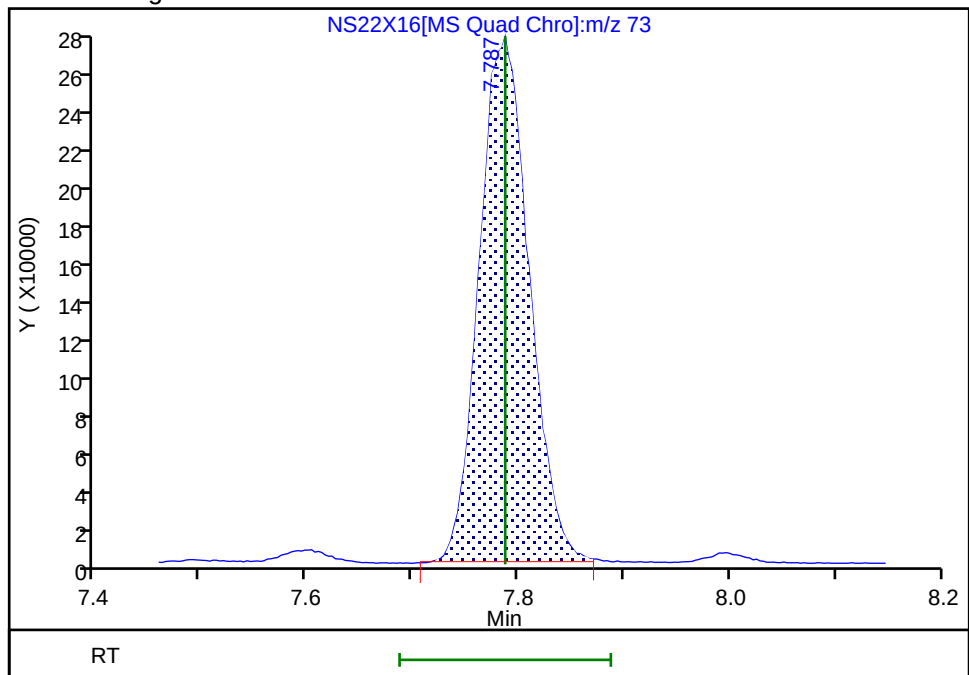
RT: 7.89
Area: 131
Amount: 0.008643
Amount Units: ug/l

Processing Integration Results



RT: 7.79
Area: 904318
Amount: 49.936853
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 23:21:52 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X17.D
 Lims ID: IC v100
 Client ID:
 Sample Type: IC Calib Level: 6
 Inject. Date: 22-Sep-2025 19:50:30 ALS Bottle#: 16 Worklist Smp#: 17
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-017
 Misc. Info.: IC V100
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:30 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:22:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.032	2.025	0.007	99	2001054	100.0	109.7	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.231	2.231	0.000	99	1292695	100.0	98.8	
5 Butadiene	39	2.344	2.350	-0.006	90	875523	100.0	103.6	
6 Vinyl chloride	62	2.363	2.363	0.000	98	1348258	100.0	102.0	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.717	2.704	0.013	91	1005052	100.0	97.8	
9 Chloroethane	64	2.804	2.810	-0.006	99	596664	100.0	98.2	
10 Dichlorofluoromethane	67	3.070	3.074	-0.004	97	1719918	100.0	99.2	
11 Trichlorofluoromethane	101	3.144	3.141	0.003	98	1924599	100.0	108.8	
12 Pentane	43	3.176	3.176	0.000	95	830390	100.0	101.4	
13 Ethanol	45	3.267	3.328	-0.061	89	190426	2499.8	2285.8	
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.511	3.511	0.000	87	814812	100.0	103.1	
16 Acrolein	56	3.607	3.607	0.000	99	1368149	975.8	994.9	
17 1,1-Dichloroethene	96	3.746	3.752	-0.006	95	592161	100.0	97.3	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.791	3.791	0.000	88	906161	100.0	103.0	
19 Acetone	58	3.803	3.794	0.009	71	142859	200.0	205.4	
20 Iodomethane	142	3.958	3.964	-0.006	99	1437076	100.0	98.9	
21 Isopropyl alcohol	45	3.987	3.984	0.003	38	354314	500.0	406.1	
22 Carbon disulfide	76	4.064	4.070	-0.006	99	2017013	100.0	99.2	
24 Methyl acetate	43	4.257	4.254	0.003	96	433004	100.0	94.4	
25 3-Chloro-1-propene	41	4.279	4.283	-0.004	87	702471	100.0	98.9	
26 Methylene Chloride	84	4.488	4.485	0.003	85	649181	100.0	97.6	a
* 27 t-Butyl alcohol-d10 (IS)	65	4.537	4.533	0.004	90	301888	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.665	-0.016	99	628480	500.0	492.8	
29 Acrylonitrile	53	4.852	4.861	-0.009	99	627165	250.0	244.6	
32 Methyl tert-butyl ether	73	4.913	4.910	0.003	88	2048266	100.0	98.5	
31 trans-1,2-Dichloroethene	96	4.913	4.913	0.000	95	663376	100.0	97.8	
33 Hexane	57	5.344	5.347	-0.003	91	817537	100.0	106.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	95	994480	100.0	97.0	
36 Isopropyl ether	45	5.652	5.652	0.000	95	1660812	100.0	100.3	
37 2-Chloro-1,3-butadiene	53	5.694	5.697	-0.003	91	875747	100.0	102.1	
S 38 1,2-Dichloroethene, Total	100				0			193.6	
39 Tert-butyl ethyl ether	59	6.186	6.186	0.000	96	1904836	100.0	103.4	
40 2-Butanone (MEK)	43	6.405	6.401	0.004	98	626469	200.0	190.5	
41 cis-1,2-Dichloroethene	96	6.421	6.424	-0.003	78	746615	100.0	95.8	
43 2,2-Dichloropropane	77	6.434	6.443	-0.009	86	1134111	100.0	98.5	
44 Propionitrile	54	6.508	6.508	0.000	96	557573	500.0	506.1	
45 Methyl acrylate	55	6.530	6.524	0.006	100	677848	100.0	99.1	
46 Methacrylonitrile	67	6.710	6.713	-0.003	79	710589	250.0	254.3	a
47 Chlorobromomethane	128	6.752	6.752	0.000	82	414612	100.0	97.6	
48 Tetrahydrofuran	71	6.765	6.768	-0.003	78	527714	500.0	516.1	
49 Chloroform	83	6.900	6.906	-0.006	93	1183658	100.0	93.1	
\$ 50 Dibromofluoromethane (Surr)	113	7.112	7.115	-0.003	93	308356	50.0	49.2	
51 1,1,1-Trichloroethane	97	7.125	7.128	-0.003	97	1292608	100.0	99.2	
52 Cyclohexane	56	7.218	7.215	0.003	87	1180062	100.0	106.2	
53 Carbon tetrachloride	117	7.331	7.334	-0.003	97	1236720	100.0	101.4	a
54 1,1-Dichloropropene	75	7.334	7.334	0.000	94	851722	100.0	101.0	
55 Isobutyl alcohol	41	7.501	7.495	0.006	98	433163	1250.0	1230.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.572	7.575	-0.003	97	69102	50.0	49.0	
57 Benzene	78	7.598	7.594	0.004	96	2490711	100.0	99.4	
59 1,2-Dichloroethane	62	7.672	7.675	-0.003	98	792540	100.0	97.3	
60 Tert-amyl methyl ether	73	7.787	7.787	0.000	98	1908440	100.0	102.5	a
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	98	1101887	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	90	682940	100.0	106.0	
64 n-Butanol	56	8.356	8.356	0.000	87	356150	1250.0	1323.6	
65 Trichloroethene	95	8.463	8.463	0.000	94	737689	100.0	99.6	
66 Ethyl acrylate	55	8.585	8.585	0.000	98	812165	100.0	103.0	
67 Methylcyclohexane	83	8.765	8.768	-0.003	94	1442555	100.0	108.3	
68 2-ethoxy-2-methyl butane	87	8.800	8.803	-0.003	94	1028561	100.0	102.3	
69 1,2-Dichloropropane	63	8.803	8.803	0.000	77	593609	100.0	100.4	
70 Methyl methacrylate	69	8.884	8.881	0.003	87	477649	100.0	103.7	
71 1,4-Dioxane	88	8.890	8.900	-0.010	36	118067	1250.0	1269.0	
72 Dibromomethane	93	8.913	8.909	0.004	90	436210	100.0	99.5	
74 Dichlorobromomethane	83	9.138	9.138	0.000	99	891797	100.0	101.9	
75 2-Nitropropane	41	9.414	9.411	0.003	99	945759	500.0	538.2	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	92	385156	100.0	102.2	
77 cis-1,3-Dichloropropene	75	9.659	9.659	0.000	96	983782	100.0	105.4	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	1442549	200.0	195.1	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1106405	50.0	49.2	
118 Toluene	92	10.022	10.025	-0.003	99	1731381	100.0	99.6	
S 119 1,3-Dichloropropene, Total	100				0			208.6	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	905484	100.0	103.2	
121 Ethyl methacrylate	69	10.321	10.324	-0.003	87	868475	100.0	105.0	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	89	606280	100.0	99.0	
123 Tetrachloroethene	166	10.543	10.543	0.000	97	995842	100.0	102.0	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	909198	100.0	99.0	
126 2-Hexanone	43	10.671	10.671	0.000	95	975747	200.0	189.4	
128 Chlorodibromomethane	129	10.829	10.826	0.003	89	837676	100.0	105.1	
129 Ethylene Dibromide	107	10.935	10.938	-0.003	100	657098	100.0	99.7	
S 130 Xylenes, Total	106				0			305.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	82	915307	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	92	1008440	100.0	102.3	
133 Chlorobenzene	112	11.379	11.379	0.000	97	2064829	100.0	100.2	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	94	925801	100.0	101.7	
135 Ethylbenzene	91	11.459	11.459	0.000	98	3502480	100.0	101.5	
136 m-Xylene & p-Xylene	106	11.572	11.572	0.000	100	2777692	200.0	202.9	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	1195969	100.0	103.8	
138 o-Xylene	106	11.893	11.890	0.003	96	1457879	100.0	102.1	
139 Styrene	104	11.906	11.906	0.000	94	2277357	100.0	104.9	
140 Bromoform	173	12.064	12.061	0.004	99	656285	100.0	110.4	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	4189993	100.0	106.3	
143 Cyclohexanone	55	12.266	12.270	-0.004	90	393695	1250.0	1231.7	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.327	12.324	0.003	97	418893	50.0	49.3	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	965290	100.0	103.5	
146 Bromobenzene	156	12.443	12.443	0.000	90	1001996	100.0	102.6	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	87	609516	250.0	261.3	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	321737	100.0	101.0	
149 N-Propylbenzene	91	12.504	12.504	0.000	98	4433392	100.0	108.0	
150 2-Chlorotoluene	126	12.585	12.581	0.004	98	980177	100.0	104.9	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	95	3537946	100.0	109.4	
152 4-Chlorotoluene	126	12.675	12.675	0.000	96	930029	100.0	103.9	
154 tert-Butylbenzene	134	12.877	12.877	0.000	91	793494	100.0	110.6	
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	97	3553887	100.0	107.7	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	4581891	100.0	111.9	
158 1,3-Dichlorobenzene	146	13.138	13.138	0.000	98	1869661	100.0	102.0	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	96	4094059	100.0	111.1	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	92	530700	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	1841633	100.0	100.8	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	98	3586550	100.0	107.1	
163 Benzyl chloride	91	13.286	13.286	0.000	97	1769588	100.0	106.6	
164 1,3-Diethylbenzene	119	13.337	13.340	-0.003	95	2207081	100.0	109.1	
165 p-Diethylbenzene	119	13.411	13.411	0.000	94	2294754	100.0	108.3	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	1689331	100.0	107.0	
167 1,2-Dichlorobenzene	146	13.466	13.466	0.000	99	1831700	100.0	100.4	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	1959163	100.0	108.0	
170 1,2-Dibromo-3-Chloropropane	75	14.003	14.003	0.000	93	251081	100.0	100.1	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	97	1598867	100.0	106.1	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	94	1456437	100.0	104.0	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	80	1205624	100.0	109.8	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	95	633673	100.0	109.1	
175 Naphthalene	128	14.729	14.729	0.000	96	4313257	100.0	103.6	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	96	1451875	100.0	101.2	
177 2-Methylnaphthalene	142	15.517	15.517	0.000	93	2560427	100.0	105.0	
S 238 Total Diethylbenzene	1				0			325.3	

QC Flag Legend

Processing Flags

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 2.50	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 10.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X17.D

Injection Date: 22-Sep-2025 19:50:30

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v100

Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

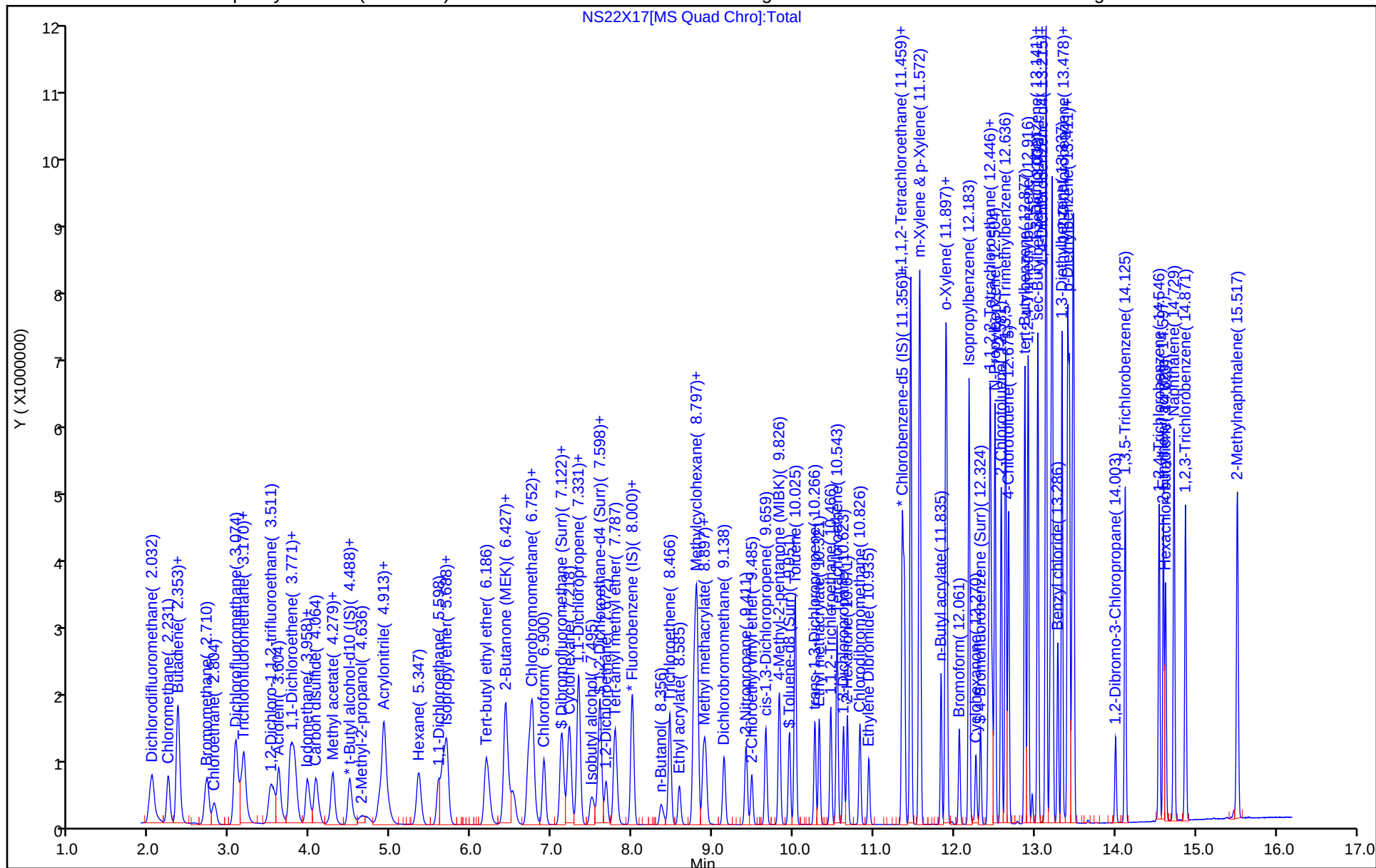
ALS Bottle#: 16

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

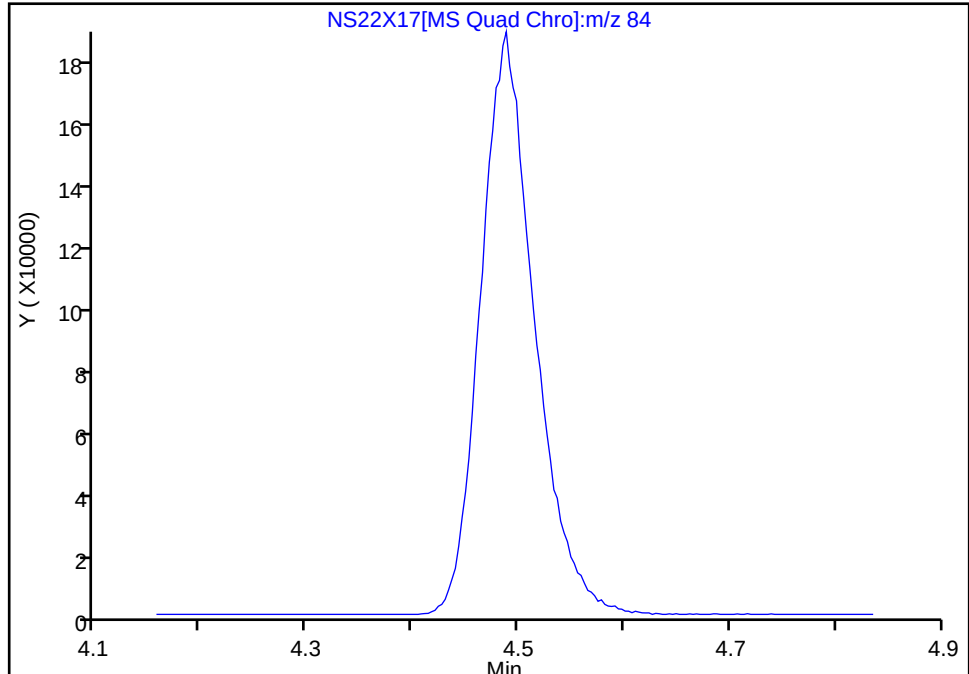
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

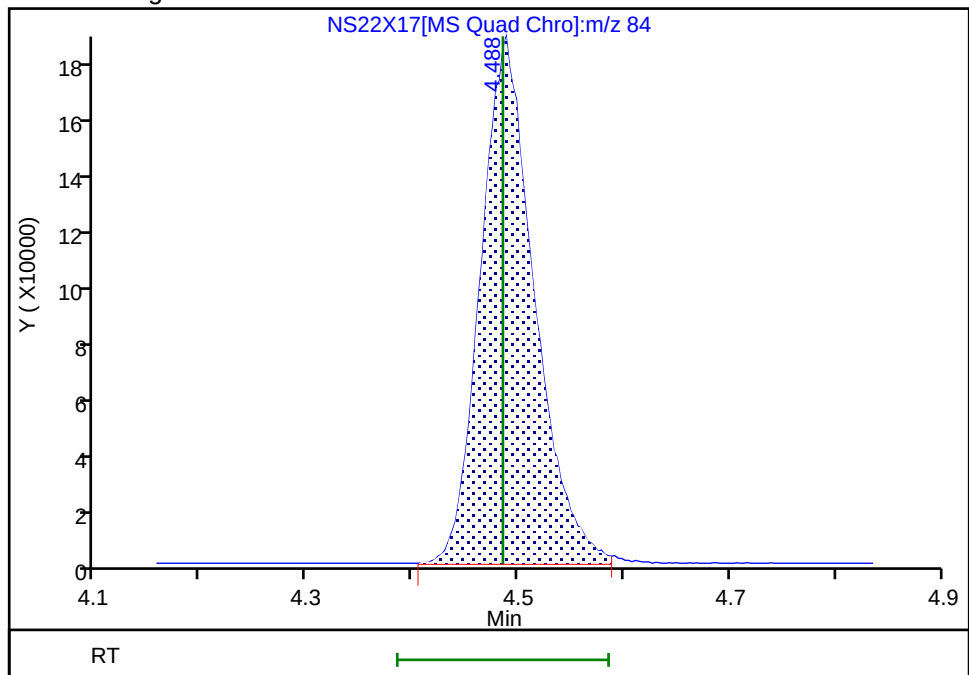
Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results

RT: 4.49
Area: 649181
Amount: 97.619136
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:27:03 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

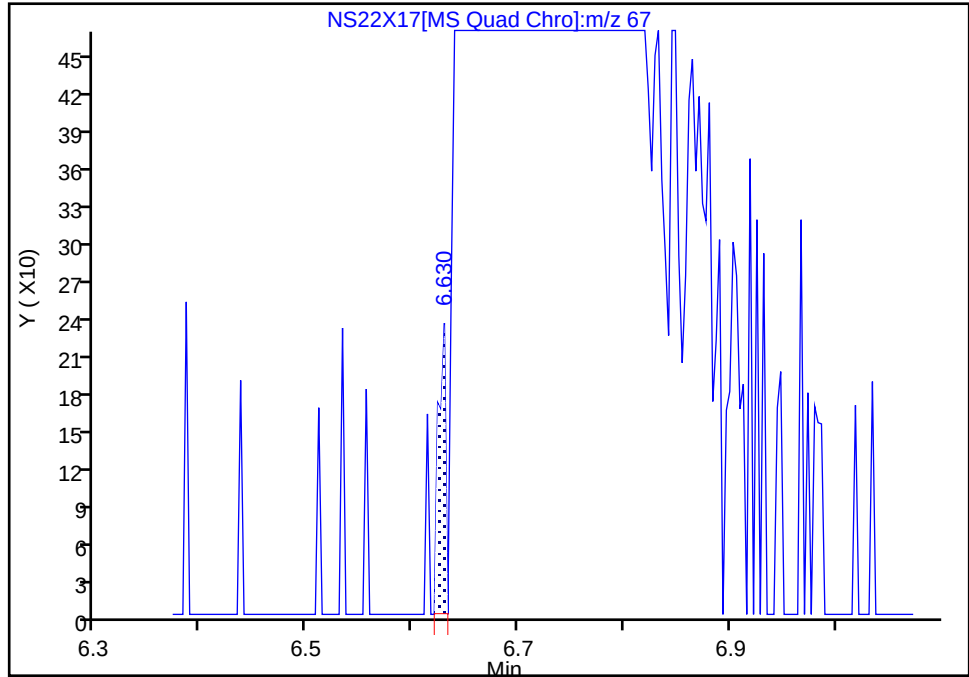
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

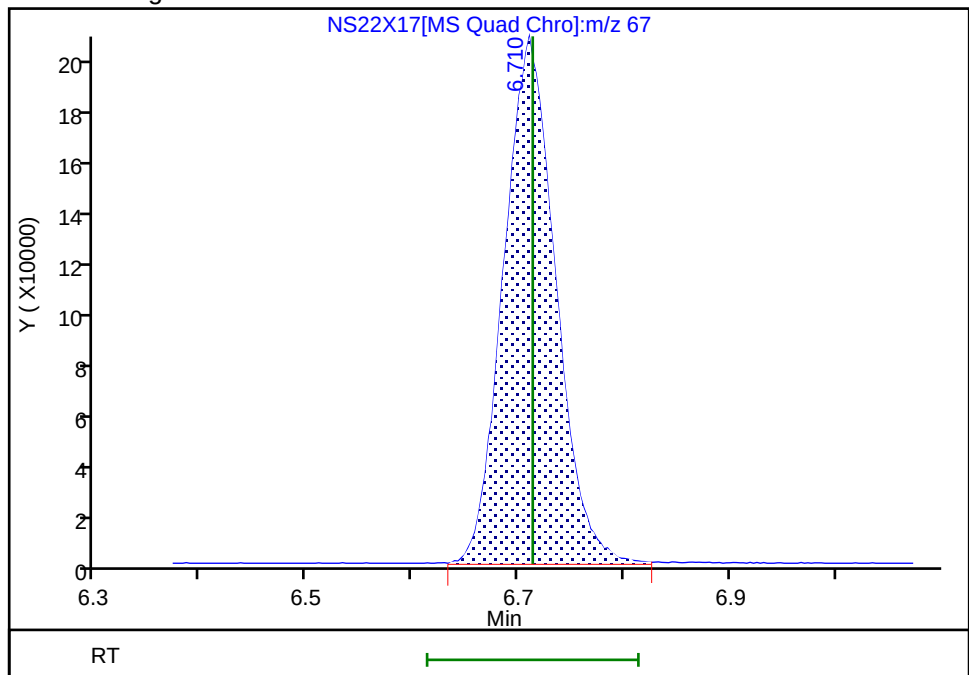
RT: 6.63
Area: 109
Amount: 0.072125
Amount Units: ug/l

Processing Integration Results



RT: 6.71
Area: 710589
Amount: 254.2809
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:27:14 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

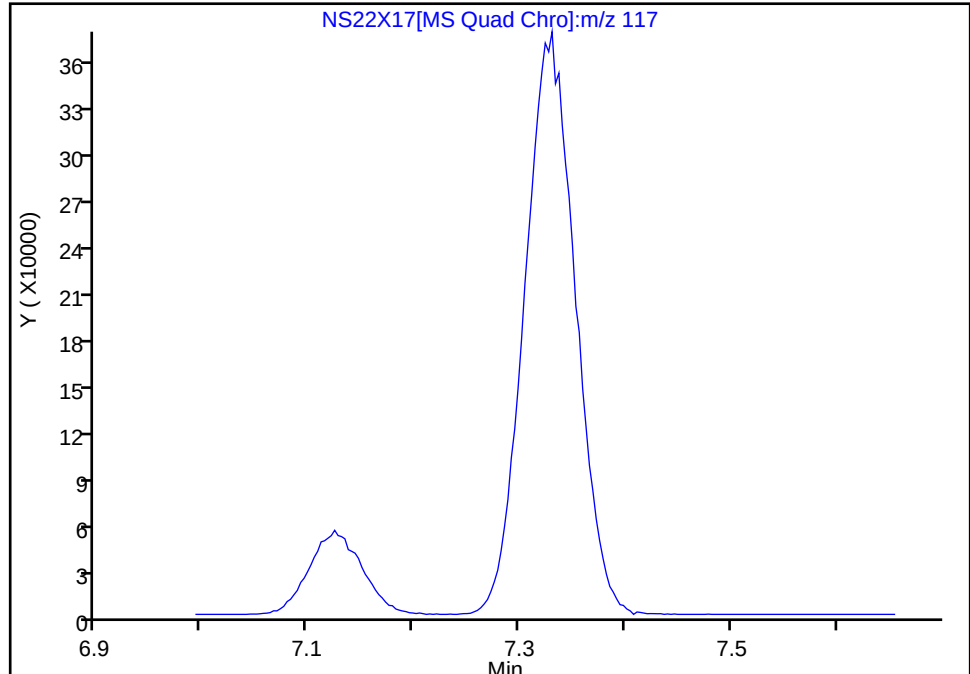
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

53 Carbon tetrachloride, CAS: 56-23-5

Signal: 1

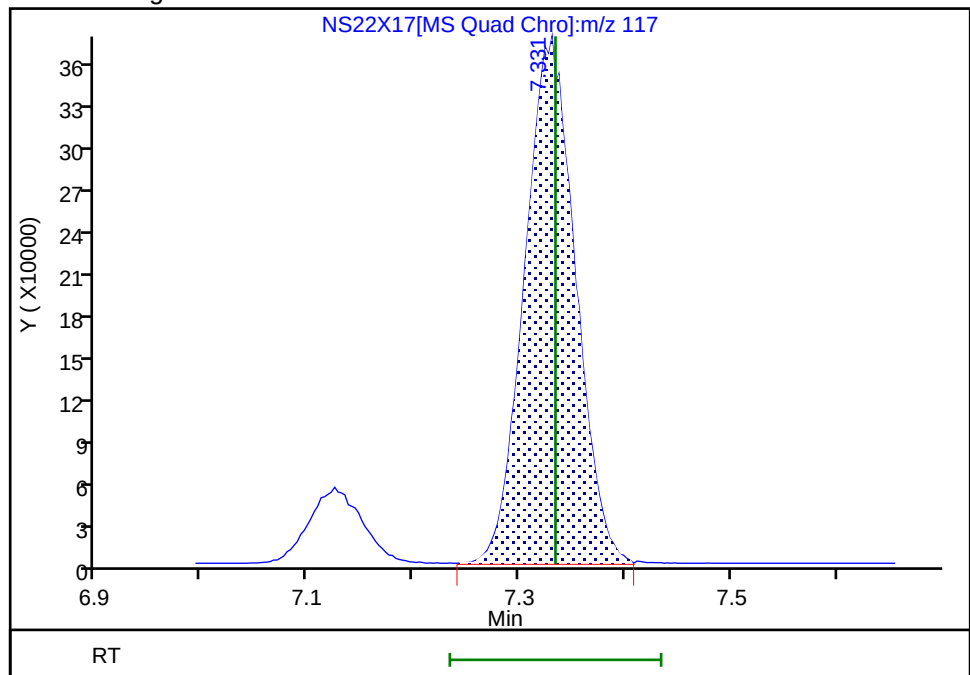
Not Detected
Expected RT: 7.33

Processing Integration Results



RT: 7.33
Area: 1236720
Amount: 101.3841
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:27:25 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

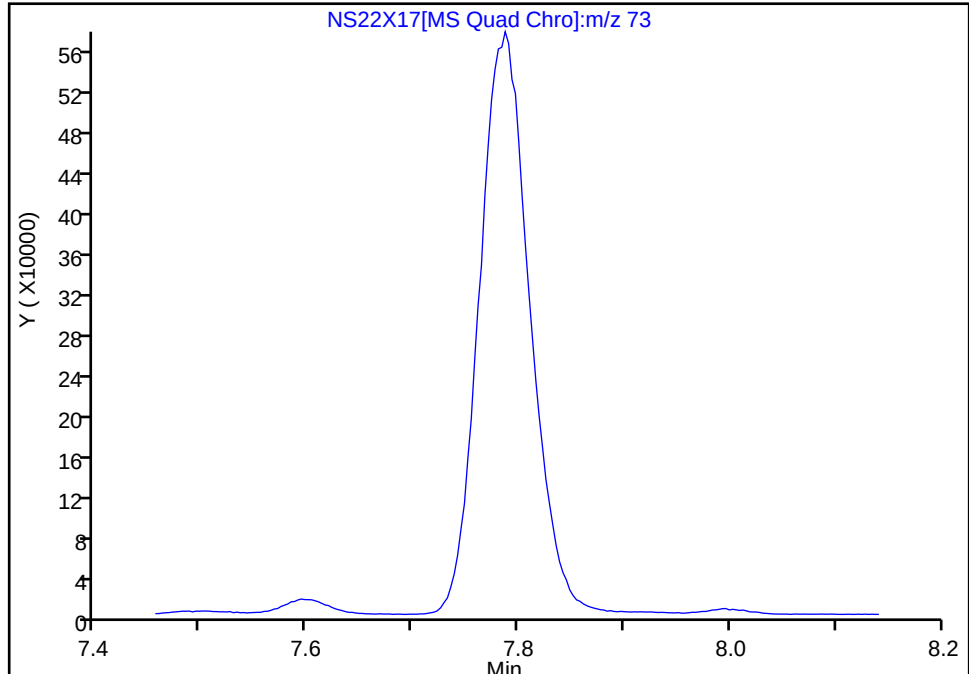
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Injection Date: 22-Sep-2025 19:50:30 Instrument ID: 7159
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

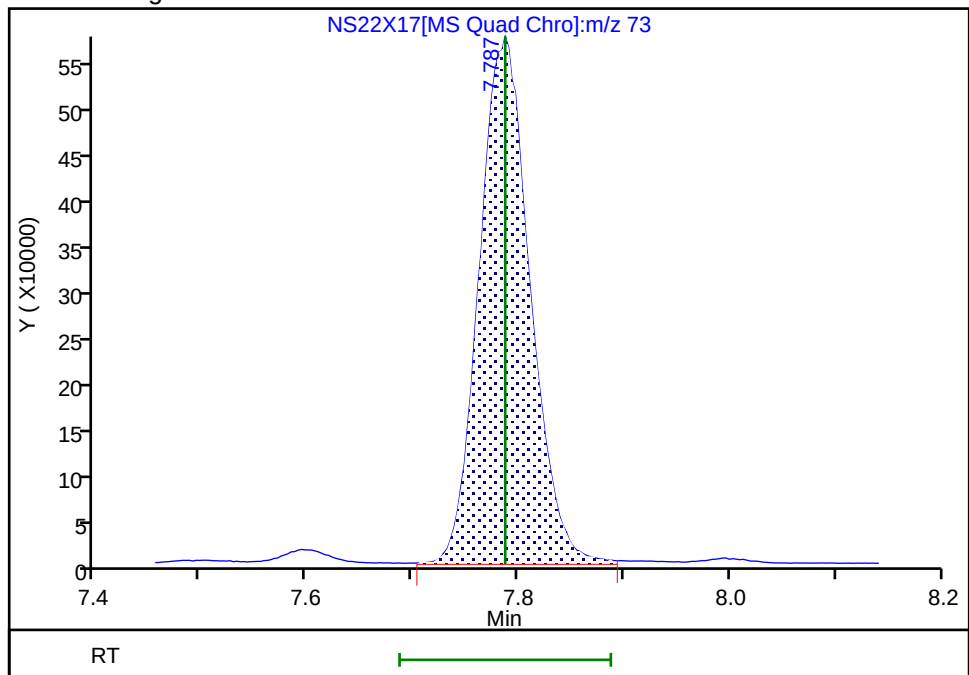
Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results

RT: 7.79
Area: 1908440
Amount: 102.5103
Amount Units: ug/l



Reviewer: UKAD, 22-Sep-2025 21:27:34 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D
 Lims ID: IC v300
 Client ID:
 Sample Type: IC Calib Level: 7
 Inject. Date: 22-Sep-2025 20:10:24 ALS Bottle#: 17 Worklist Smp#: 18
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-018
 Misc. Info.: IC V300
 Operator ID: kas02648 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub47
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:35 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: UKAD

Date: 22-Sep-2025 21:22:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	U
2 Dichlorodifluoromethane	85	2.035	2.025	0.010	99	5831911	300.0	319.1	
3 Chlorodifluoromethane	51		2.041					ND	U
4 Chloromethane	50	2.234	2.231	0.003	99	3697483	300.0	282.1	
5 Butadiene	39	2.353	2.350	0.003	90	2534870	300.0	299.5	
6 Vinyl chloride	62	2.366	2.363	0.003	98	3895671	300.0	294.2	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	U
8 Bromomethane	94	2.713	2.704	0.009	91	2912376	300.0	282.9	
9 Chloroethane	64	2.810	2.810	0.000	100	1743007	300.0	286.4	
10 Dichlorofluoromethane	67	3.076	3.074	0.002	97	5003898	300.0	288.3	
11 Trichlorofluoromethane	101	3.147	3.141	0.006	98	5628842	300.0	317.8	
12 Pentane	43	3.179	3.176	0.003	96	2464947	300.0	300.5	
13 Ethanol	45	3.279	3.328	-0.049	92	652258	7499.5	7375.0	
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.523	3.511	0.012	86	2394145	300.0	302.5	
16 Acrolein	56	3.610	3.607	0.003	99	4040985	2927.5	2768.0	
17 1,1-Dichloroethene	96	3.752	3.752	0.000	95	1763332	300.0	289.4	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.800	3.791	0.009	88	2584036	300.0	293.2	
19 Acetone	58	3.800	3.794	0.006	91	405217	600.0	548.9	
20 Iodomethane	142	3.964	3.964	0.000	98	4236645	300.0	291.1	
21 Isopropyl alcohol	45	3.986	3.984	0.002	99	1210774	1500.0	1307.0	
22 Carbon disulfide	76	4.073	4.070	0.003	99	6008846	300.0	295.1	
24 Methyl acetate	43	4.260	4.254	0.006	96	1255639	300.0	273.4	
25 3-Chloro-1-propene	41	4.282	4.283	-0.001	88	2043672	300.0	287.5	
26 Methylene Chloride	84	4.488	4.485	0.003	85	1914504	300.0	287.5	
* 27 t-Butyl alcohol-d10 (IS)	65	4.527	4.533	-0.006	89	320490	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.665	-0.016	100	2011368	1500.0	1485.6	
29 Acrylonitrile	53	4.861	4.861	0.000	98	1821158	750.0	709.3	
32 Methyl tert-butyl ether	73	4.922	4.910	0.012	95	6069310	300.0	291.5	
31 trans-1,2-Dichloroethene	96	4.919	4.913	0.006	94	1867432	300.0	274.8	
33 Hexane	57	5.343	5.347	-0.004	91	2305356	300.0	300.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	96	2867941	300.0	279.4	
36 Isopropyl ether	45	5.652	5.652	0.000	96	4892240	300.0	295.1	
37 2-Chloro-1,3-butadiene	53	5.697	5.697	0.000	90	2534369	300.0	294.9	
S 38 1,2-Dichloroethene, Total	100				0			549.6	
39 Tert-butyl ethyl ether	59	6.192	6.186	0.006	96	5743594	300.0	311.5	
40 2-Butanone (MEK)	43	6.408	6.401	0.007	98	1997499	600.0	606.4	
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	76	2143832	300.0	274.8	
43 2,2-Dichloropropane	77	6.446	6.443	0.003	86	3341695	300.0	290.0	
44 Propionitrile	54	6.507	6.508	-0.001	95	1701688	1500.0	1454.9	
45 Methyl acrylate	55	6.533	6.524	0.009	100	2094230	300.1	305.9	
46 Methacrylonitrile	67	6.716	6.713	0.003	91	2083736	750.0	744.6	
47 Chlorobromomethane	128	6.755	6.752	0.003	84	1191217	300.0	280.0	
48 Tetrahydrofuran	71	6.768	6.768	0.000	87	1568636	1500.0	1445.1	
49 Chloroform	83	6.903	6.906	-0.003	92	3363652	300.0	264.1	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.115	0.000	94	304288	50.0	48.5	
51 1,1,1-Trichloroethane	97	7.131	7.128	0.003	97	3854429	300.0	295.4	
52 Cyclohexane	56	7.218	7.215	0.003	87	3470540	300.0	311.9	
53 Carbon tetrachloride	117	7.330	7.334	-0.004	97	3660772	300.0	299.7	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	97	2523923	300.0	298.9	
55 Isobutyl alcohol	41	7.494	7.495	-0.001	93	1317831	3750.0	3525.7	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.575	7.575	0.000	99	70774	50.0	50.1	
57 Benzene	78	7.597	7.594	0.003	95	7363054	300.0	293.3	
59 1,2-Dichloroethane	62	7.674	7.675	-0.001	98	2342883	300.0	287.1	
60 Tert-amyl methyl ether	73	7.787	7.787	0.000	98	5835568	300.0	313.0	a
* 62 Fluorobenzene (IS)	96	8.002	7.996	0.006	87	1103445	50.0	50.0	
63 n-Heptane	43	7.999	8.000	-0.001	87	1884503	300.0	292.1	
64 n-Butanol	56	8.362	8.356	0.006	87	1156288	3750.0	4047.7	
65 Trichloroethene	95	8.465	8.463	0.002	95	2220146	300.0	299.3	a
66 Ethyl acrylate	55	8.588	8.585	0.003	99	2503176	300.1	316.9	
67 Methylcyclohexane	83	8.768	8.768	0.000	91	4247207	300.0	318.5	
68 2-ethoxy-2-methyl butane	87	8.803	8.803	0.000	94	3102340	300.0	308.1	
69 1,2-Dichloropropane	63	8.806	8.803	0.003	81	1742900	300.0	294.4	
70 Methyl methacrylate	69	8.880	8.881	-0.001	84	1410846	300.0	306.0	
71 1,4-Dioxane	88	8.893	8.900	-0.007	35	370164	3750.0	3747.7	
72 Dibromomethane	93	8.909	8.909	0.000	91	1299739	300.0	296.0	
74 Dichlorobromomethane	83	9.144	9.138	0.006	99	2717762	300.0	310.1	
75 2-Nitropropane	41	9.414	9.411	0.003	98	2912968	1500.0	1561.3	
76 2-Chloroethyl vinyl ether	63	9.485	9.485	0.000	92	1172802	300.0	310.8	
77 cis-1,3-Dichloropropene	75	9.661	9.659	0.002	96	2993831	300.0	320.4	
78 4-Methyl-2-pentanone (MIBK)	43	9.825	9.826	-0.001	94	4302517	600.0	581.1	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1123282	50.0	49.5	
118 Toluene	92	10.025	10.025	0.000	99	5087526	300.0	290.1	
S 119 1,3-Dichloropropene, Total	100				0			630.2	
120 trans-1,3-Dichloropropene	75	10.269	10.266	0.003	90	2743631	300.0	309.9	
121 Ethyl methacrylate	69	10.324	10.324	0.000	87	2584931	300.0	309.8	
122 1,1,2-Trichloroethane	97	10.465	10.466	-0.001	90	1787754	300.0	289.3	
123 Tetrachloroethene	166	10.546	10.543	0.003	97	2890563	300.0	293.5	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	87	2719013	300.0	293.5	
126 2-Hexanone	43	10.671	10.671	0.000	95	2873476	600.0	552.8	
128 Chlorodibromomethane	129	10.825	10.826	-0.001	92	2545854	300.0	316.5	
129 Ethylene Dibromide	107	10.938	10.938	0.000	98	1972457	300.0	296.7	
S 130 Xylenes, Total	106				0			873.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	83	923509	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	91	2941277	300.0	295.6	
133 Chlorobenzene	112	11.382	11.379	0.003	97	6074215	300.0	292.2	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	94	2741887	300.0	298.4	
135 Ethylbenzene	91	11.462	11.459	0.003	98	9852867	300.0	283.1	
136 m-Xylene & p-Xylene	106	11.571	11.572	-0.001	97	8003799	600.0	579.4	
137 n-Butyl acrylate	55	11.835	11.835	0.000	97	3661744	300.0	315.0	
138 o-Xylene	106	11.896	11.890	0.006	96	4230171	300.0	293.7	
139 Styrene	104	11.909	11.906	0.003	94	6544904	300.0	298.9	
140 Bromoform	173	12.063	12.061	0.003	99	1979238	300.0	329.9	
141 Isopropylbenzene	105	12.186	12.186	0.000	95	11454797	300.0	287.9	
143 Cyclohexanone	55	12.269	12.270	-0.001	90	1292188	3750.1	3808.0	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.327	12.324	0.003	97	427548	50.0	49.9	
145 1,1,2,2-Tetrachloroethane	83	12.423	12.424	-0.001	95	2751855	300.0	291.7	
146 Bromobenzene	156	12.443	12.443	0.000	91	2981950	300.0	301.7	
147 trans-1,4-Dichloro-2-butene	53	12.452	12.450	0.002	91	1757729	750.0	744.8	
148 1,2,3-Trichloropropane	110	12.475	12.472	0.003	79	922412	300.0	286.3	a
149 N-Propylbenzene	91	12.507	12.504	0.003	97	11859484	300.0	285.6	
150 2-Chlorotoluene	126	12.584	12.581	0.003	98	2884361	300.0	305.1	
151 1,3,5-Trimethylbenzene	105	12.639	12.636	0.003	96	9887323	300.0	302.0	
152 4-Chlorotoluene	126	12.674	12.675	-0.001	96	2751771	300.0	303.7	
154 tert-Butylbenzene	134	12.877	12.877	0.000	92	2374453	300.0	327.1	
155 1,2,4-Trimethylbenzene	105	12.919	12.919	0.000	97	10024752	300.0	300.3	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	12290856	300.0	296.8	e
158 1,3-Dichlorobenzene	146	13.137	13.138	-0.001	98	5370177	300.0	289.6	
159 4-Isopropyltoluene	119	13.144	13.141	0.003	95	11258948	300.0	301.9	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	90	536983	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	5355107	300.0	289.6	
162 1,2,3-Trimethylbenzene	105	13.221	13.218	0.003	97	10087783	300.0	297.7	
163 Benzyl chloride	91	13.288	13.286	0.002	98	5315587	300.0	316.5	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	94	6312945	300.0	308.3	
165 p-Diethylbenzene	119	13.411	13.411	0.000	94	6625277	300.0	308.9	
166 n-Butylbenzene	92	13.433	13.430	0.003	96	4803495	300.0	300.7	
167 1,2-Dichlorobenzene	146	13.465	13.466	-0.001	99	5349931	300.0	289.9	
168 o-diethylbenzene	119	13.485	13.482	0.003	94	5637865	300.0	307.1	
170 1,2-Dibromo-3-Chloropropane	75	14.002	14.003	-0.001	94	777311	300.0	306.3	
171 1,3,5-Trichlorobenzene	180	14.124	14.122	0.002	97	4745670	300.0	311.4	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	95	4451387	300.0	314.0	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	80	4023455	300.1	362.2	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	95	1908398	300.0	324.8	
175 Naphthalene	128	14.729	14.729	0.000	97	12312714	300.0	292.3	
176 1,2,3-Trichlorobenzene	180	14.870	14.871	-0.001	97	4476991	300.0	308.3	
177 2-Methylnaphthalene	142	15.520	15.517	0.003	91	7918236	300.0	320.9	
S 238 Total Diethylbenzene	1				0			924.3	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

U - Marked Undetected

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00254	Amount Added: 15.00	Units: uL	
MSV_CCV_GASES_01121	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00256	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00247	Amount Added: 15.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 30.00	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 30.00	Units: uL	
MSV_CCV_OH_Sp_00026	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:36:36

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D

Injection Date: 22-Sep-2025 20:10:24

Instrument ID: 7159

Operator ID: kas02648

Lims ID: IC v300

Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

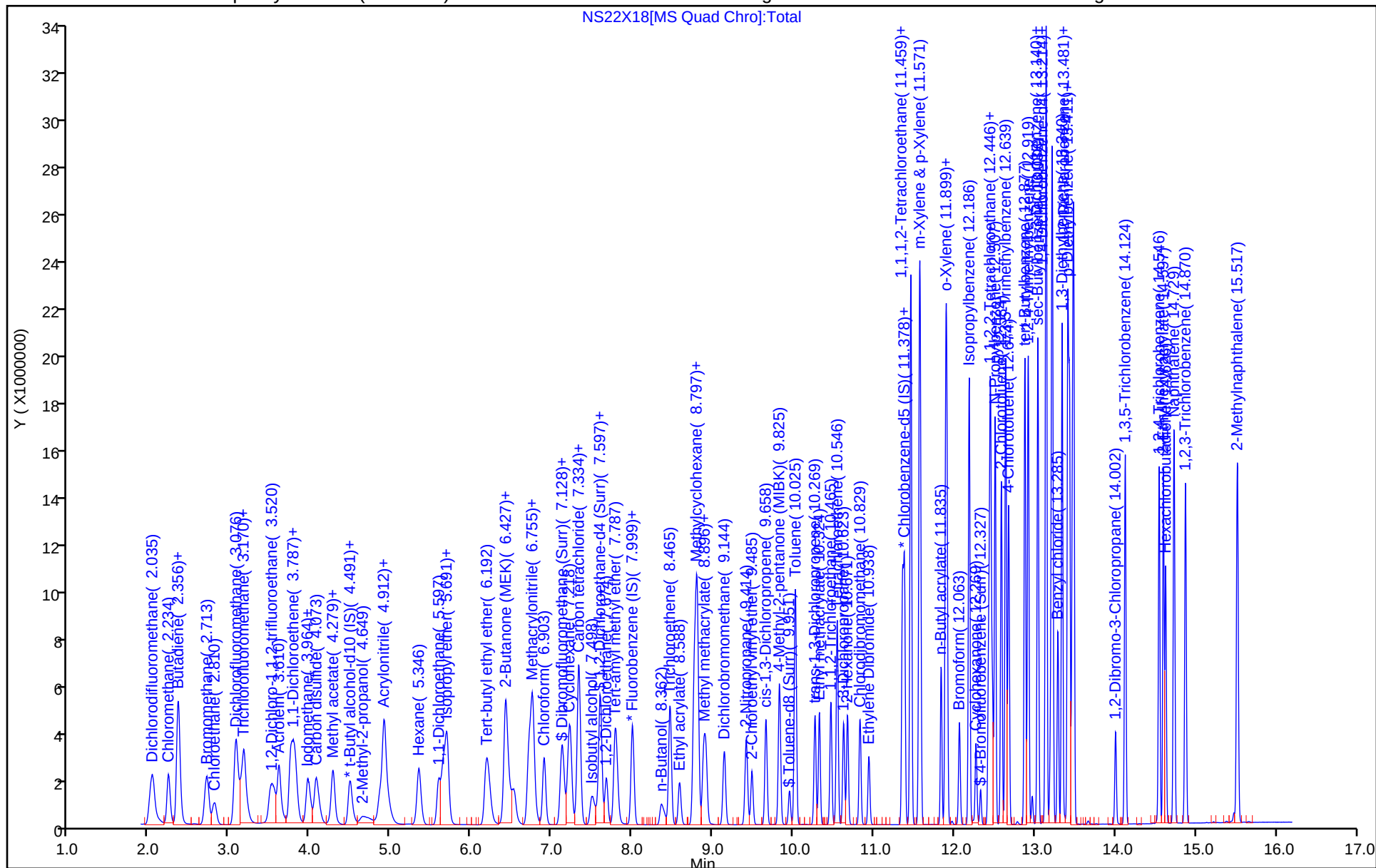
ALS Bottle#: 17

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

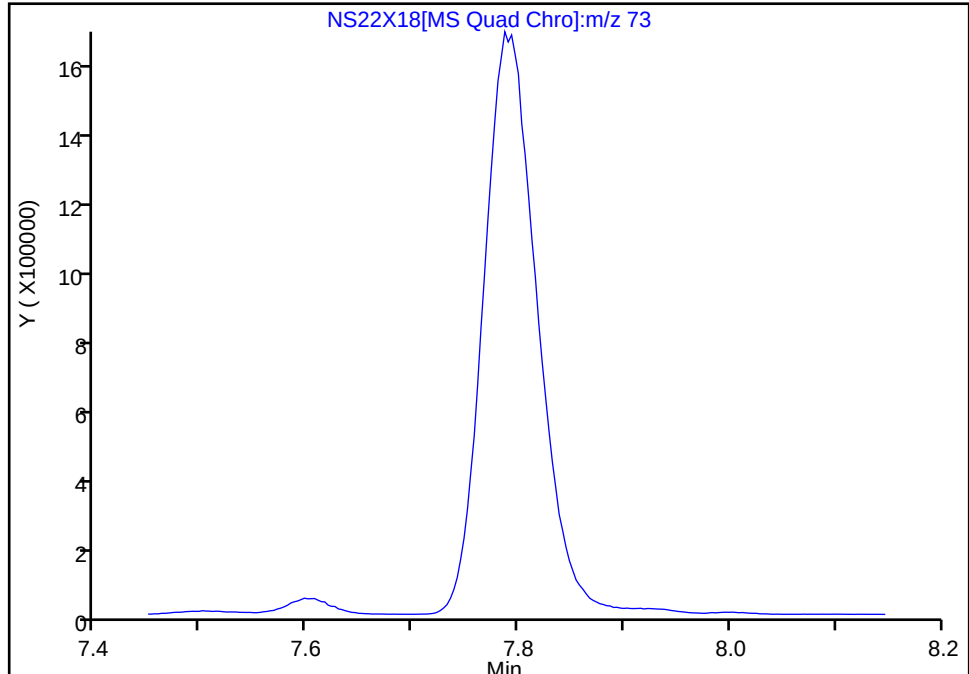
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Injection Date: 22-Sep-2025 20:10:24 Instrument ID: 7159
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

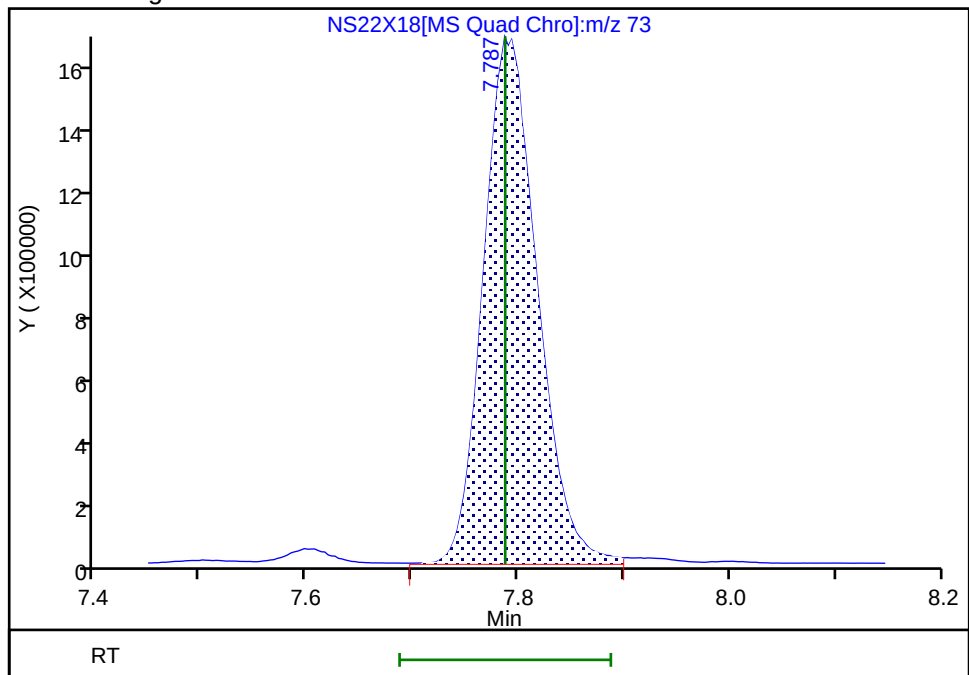
Signal: 1

Not Detected
Expected RT: 7.79

Processing Integration Results



Manual Integration Results



RT: 7.79
Area: 5835568
Amount: 313.0101
Amount Units: ug/l

Reviewer: UKAD, 22-Sep-2025 21:25:48 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

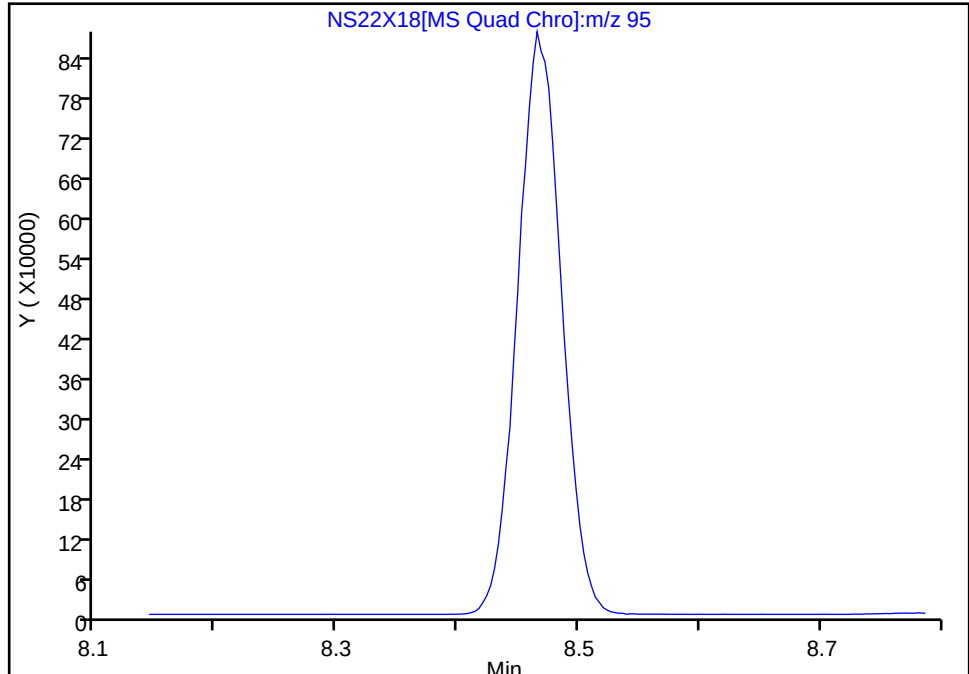
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Injection Date: 22-Sep-2025 20:10:24 Instrument ID: 7159
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

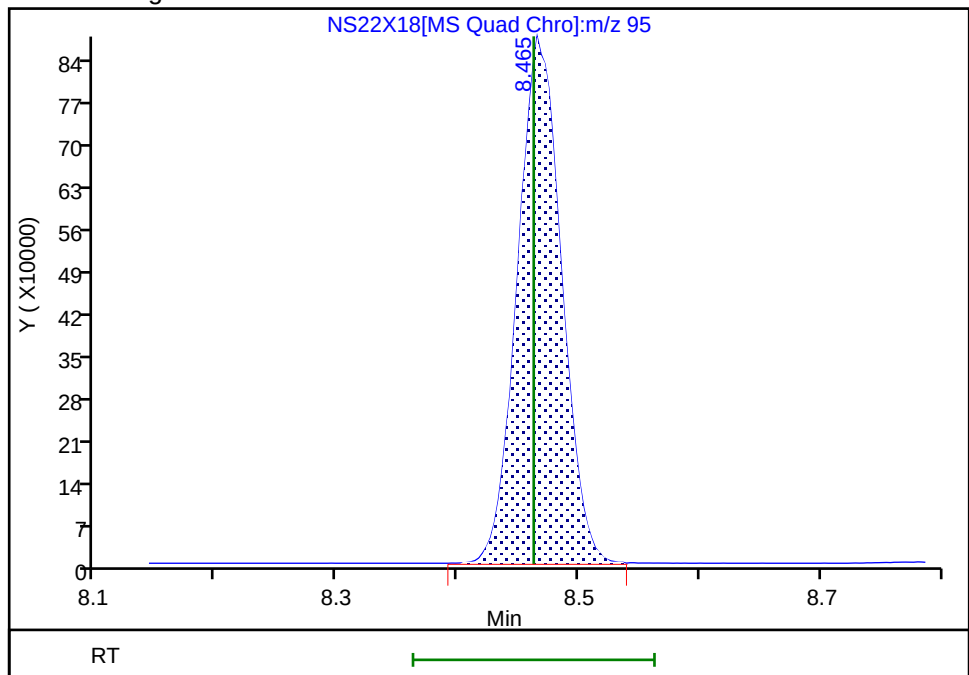
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.47
Area: 2220146
Amount: 299.2851
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:26:06 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

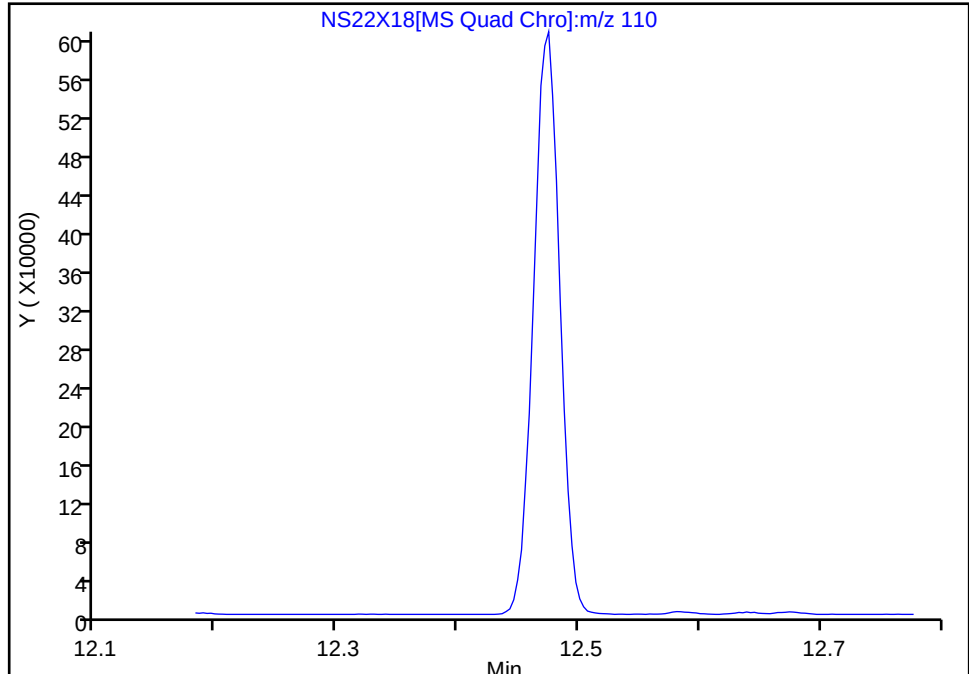
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X18.D
Injection Date: 22-Sep-2025 20:10:24 Instrument ID: 7159
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

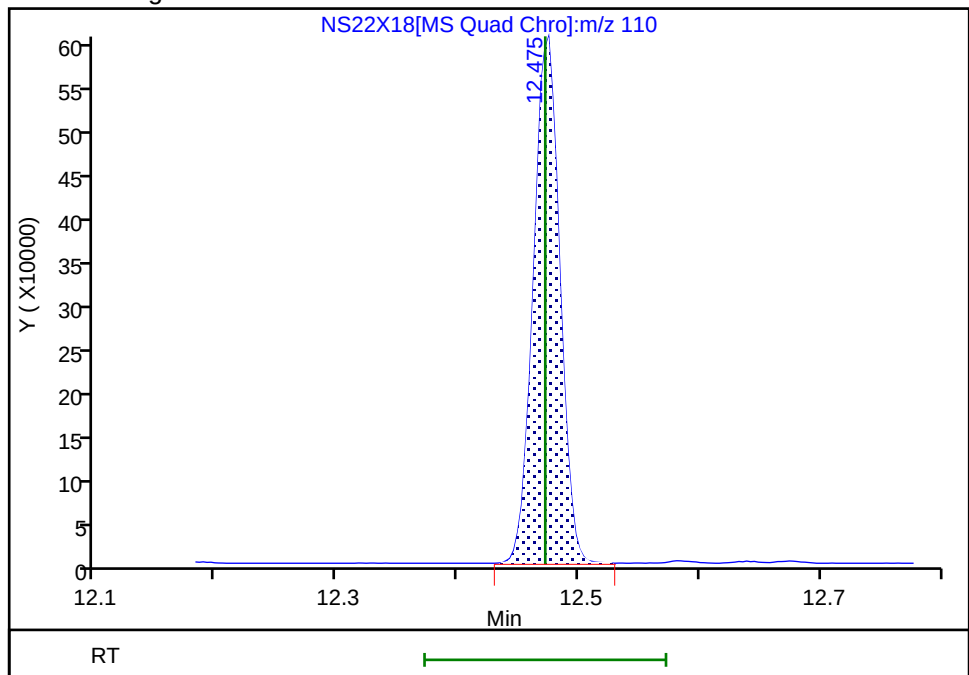
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 922412
Amount: 286.2577
Amount Units: ug/l

Manual Integration Results



Reviewer: UKAD, 22-Sep-2025 21:26:20 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.: _____

Lab Sample ID: ICV 410-710355/20

Calibration Date: 10/07/2025 20:07

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC07X60.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5583	0.5296	0.1000	19.0	20.0	-5.0	30.0
Chloromethane	Ave	0.6958	0.6069	0.1000	17.4	20.0	-13.0	30.0
Vinyl chloride	Ave	0.6125	0.5753	0.1000	18.8	20.0	-6.0	30.0
1,3-Butadiene	Ave	0.7200	0.8752		24.3	20.0	22.0	30.0
Bromomethane	Ave	0.3527	0.3299	0.1000	18.7	20.0	-6.0	30.0
Chloroethane	Ave	0.3300	0.3007	0.1000	18.2	20.0	-9.0	30.0
Dichlorofluoromethane	Ave	0.8129	0.8468		20.8	20.0	4.0	30.0
Trichlorofluoromethane	Ave	0.6180	0.5391	0.1000	17.4	20.0	-13.0	30.0
n-Pentane	Lin		0.8034		27.8	20.0	39.0*	30.0
Ethyl ether	Ave	0.2884	0.3486		24.0	19.9	21.0	30.0
Freon 123a	Ave	0.4433	0.5150		23.2	20.0	16.0	30.0
Acrolein	Ave	1.019	1.077		155	146	6.0	30.0
1,1-Dichloroethene	Ave	0.3303	0.3529	0.1000	21.4	20.0	7.0	30.0
Freon 113	Ave	0.3309	0.3417	0.1000	20.7	20.0	3.0	30.0
Acetone	Ave	0.5677	0.5727	0.1000	252	250	1.0	30.0
Methyl iodide	Ave	0.5416	0.4979		18.4	20.0	-8.0	30.0
2-Propanol	Ave	0.5465	0.4872		134	150	-11.0	30.0
Carbon disulfide	Ave	0.9690	0.9380	0.1000	19.4	20.0	-3.0	30.0
Methyl acetate	Linl		0.4470	0.1000	20.5	20.0	3.0	30.0
Allyl chloride	Ave	0.4587	0.4858		21.2	20.0	6.0	30.0
Methylene Chloride	Ave	0.3330	0.3346	0.1000	20.1	20.0	0.0	30.0
t-Butyl alcohol	Ave	0.8569	0.8469		198	200	-1.0	30.0
Acrylonitrile	Ave	0.2528	0.2477		98.0	100	-2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2969	0.3141	0.1000	21.2	20.0	6.0	30.0
Methyl tert-butyl ether	Ave	0.7473	0.7647	0.1000	20.5	20.0	2.0	30.0
n-Hexane	Ave	0.2946	0.3214		21.8	20.0	9.0	30.0
1,1-Dichloroethane	Ave	0.5325	0.5610	0.2000	21.1	20.0	5.0	30.0
Isopropyl ether	Ave	0.8120	0.8377		20.6	20.0	3.0	30.0
2-Chloro-1,3-butadiene	Ave	0.4168	0.4411		21.2	20.0	6.0	30.0
Ethyl t-butyl ether	Ave	0.6816	0.7164		21.0	20.0	5.0	30.0
2-Butanone (MEK)	Ave	0.3166	0.3032	0.1000	239	250	-4.0	30.0
cis-1,2-Dichloroethene	Ave	0.3279	0.3369	0.1000	20.6	20.0	3.0	30.0
2,2-Dichloropropane	Ave	0.4085	0.4063		19.9	20.0	-1.0	30.0
Propionitrile	Ave	0.7122	0.7241		153	150	2.0	30.0
Methacrylonitrile	Ave	0.1792	0.1898		159	150	6.0	30.0
Bromochloromethane	Ave	0.1554	0.1600		20.6	20.0	3.0	30.0
Tetrahydrofuran	Ave	0.5452	0.5604		103	100	3.0	30.0
Chloroform	Ave	0.4813	0.5075	0.2000	21.1	20.0	5.0	30.0
1,1,1-Trichloroethane	Ave	0.4112	0.4243	0.1000	20.6	20.0	3.0	30.0
Cyclohexane	Ave	0.4687	0.4968	0.1000	21.2	20.0	6.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: ICV 410-710355/20

Calibration Date: 10/07/2025 20:07

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC07X60.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3528	0.3720		21.1	20.0	5.0	30.0
Carbon tetrachloride	Ave	0.3458	0.3622	0.1000	20.9	20.0	5.0	30.0
Isobutyl alcohol	Ave	0.2623	0.2515		480	500	-4.0	30.0
Benzene	Ave	1.102	1.125	0.5000	20.4	20.0	2.0	30.0
1,2-Dichloroethane	Ave	0.3422	0.3554	0.1000	20.8	20.0	4.0	30.0
t-Amyl methyl ether	Ave	0.6625	0.7308		22.1	20.0	10.0	30.0
n-Heptane	Ave	0.2488	0.2502		20.1	20.0	1.0	30.0
n-Butanol	Ave	0.1746	0.1782		1020	1000	2.0	30.0
Trichloroethene	Ave	0.2497	0.2663	0.2000	21.3	20.0	7.0	30.0
Methylcyclohexane	Ave	0.3786	0.4261	0.1000	22.5	20.0	13.0	30.0
1,2-Dichloropropane	Ave	0.2644	0.2731	0.1000	20.7	20.0	3.0	30.0
t-Amyl ethyl ether	Ave	0.3320	0.3848		23.2	20.0	16.0	30.0
Methyl methacrylate	Ave	0.2036	0.2123		20.9	20.0	4.0	30.0
1,4-Dioxane	Ave	0.0555	0.0540	0.0050	486	500	-3.0	30.0
Dibromomethane	Ave	0.1623	0.1621		20.0	20.0	0.0	30.0
Bromodichloromethane	Ave	0.2925	0.2977	0.2000	20.4	20.0	2.0	30.0
2-Nitropropane	Ave	0.7152	0.6678		18.7	20.0	-7.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1437	0.1300		18.1	20.0	-10.0	30.0
cis-1,3-Dichloropropene	Ave	0.3170	0.3104	0.2000	19.6	20.0	-2.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4986	0.5279	0.1000	265	250	6.0	30.0
Toluene	Ave	0.9123	0.9419	0.4000	20.6	20.0	3.0	30.0
trans-1,3-Dichloropropene	Ave	0.4072	0.4086	0.1000	20.1	20.0	0.0	30.0
Ethyl methacrylate	Ave	0.4665	0.5097		21.8	20.0	9.0	30.0
1,1,2-Trichloroethane	Ave	0.3043	0.3106	0.1000	20.4	20.0	2.0	30.0
Tetrachloroethene	Ave	0.3607	0.3793	0.2000	21.0	20.0	5.0	30.0
1,3-Dichloropropane	Ave	0.4969	0.5041		20.3	20.0	1.0	30.0
2-Hexanone	Ave	0.5292	0.5777	0.1000	273	250	9.0	30.0
Dibromochloromethane	Ave	0.3178	0.2964		18.7	20.0	-7.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.2920	0.2930	0.1000	20.1	20.0	0.0	30.0
1-Chlorohexane	Ave	0.3957	0.4279		21.6	20.0	8.0	30.0
Chlorobenzene	Ave	0.9521	1.012	0.5000	21.3	20.0	6.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3628	0.3627		20.0	20.0	0.0	30.0
Ethylbenzene	Ave	1.635	1.792	0.1000	21.9	20.0	10.0	30.0
m&p-Xylene	Ave	0.6414	0.7041	0.1000	43.9	40.0	10.0	30.0
o-Xylene	Ave	0.6613	0.7024	0.3000	21.2	20.0	6.0	30.0
Styrene	Ave	0.9729	1.045	0.3000	21.5	20.0	7.0	30.0
Bromoform	Ave	0.2230	0.2155	0.1000	19.3	20.0	-3.0	30.0
Isopropylbenzene	Ave	1.544	1.738	0.1000	22.5	20.0	13.0	30.0
Cyclohexanone	Ave	0.2238	0.2051		458	500	-8.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.082	1.051	0.3000	19.4	20.0	-3.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: ICV 410-710355/20

Calibration Date: 10/07/2025 20:07

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC07X60.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.6670	0.6940		20.8	20.0	4.0	30.0
trans-1,4-Dichloro-2-butene	Lin1		0.2175		87.8	100	-12.0	30.0
1,2,3-Trichloropropane	Ave	0.3568	0.3381		18.9	20.0	-5.0	30.0
N-Propylbenzene	Ave	3.148	3.755		23.9	20.0	19.0	30.0
2-Chlorotoluene	Ave	0.6786	0.7246		21.4	20.0	7.0	30.0
1,3,5-Trimethylbenzene	Ave	2.265	2.506		22.1	20.0	11.0	30.0
4-Chlorotoluene	Ave	0.6308	0.6930		22.0	20.0	10.0	30.0
tert-Butylbenzene	Lin1		0.4108		18.3	20.0	-8.0	30.0
1,2,4-Trimethylbenzene	Ave	2.288	2.424		21.2	20.0	6.0	30.0
sec-Butylbenzene	Ave	2.555	2.756		21.6	20.0	8.0	30.0
1,3-Dichlorobenzene	Ave	1.199	1.273	0.6000	21.2	20.0	6.0	30.0
p-Isopropyltoluene	Ave	2.205	2.383		21.6	20.0	8.0	30.0
1,4-Dichlorobenzene	Ave	1.234	1.286	0.5000	20.8	20.0	4.0	30.0
1,2,3-Trimethylbenzene	Ave	2.316	2.581		22.3	20.0	11.0	30.0
Benzyl chloride	Ave	1.689	1.662		19.7	20.0	-2.0	30.0
1,3-Diethylbenzene	Ave	1.285	1.428		22.2	20.0	11.0	30.0
1,4-Diethylbenzene	Ave	1.367	1.487		21.8	20.0	9.0	30.0
n-Butylbenzene	Ave	1.082	1.247		23.0	20.0	15.0	30.0
1,2-Dichlorobenzene	Ave	1.286	1.342	0.4000	20.9	20.0	4.0	30.0
1,2-Diethylbenzene	Ave	1.140	1.202		21.1	20.0	5.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3502	0.3290	0.0500	18.8	20.0	-6.0	30.0
1,3,5-Trichlorobenzene	Ave	0.7629	0.9024		23.7	20.0	18.0	30.0
1,2,4-Trichlorobenzene	Ave	0.7323	0.8905	0.2000	24.3	20.0	22.0	30.0
Hexachlorobutadiene	Ave	0.2979	0.4111		27.6	20.0	38.0*	30.0
Naphthalene	Ave	3.144	3.738		23.8	20.0	19.0	30.0
1,2,3-Trichlorobenzene	Ave	0.7924	1.016		25.6	20.0	28.0	30.0
2-Methylnaphthalene	Lin1		2.827		31.9	20.0	59.0*	30.0
2-Ethylhexyl acrylate	None					20.1		30.0
Ethyl acrylate	None					20.0		30.0
Methyl acrylate	None					20.0		30.0
n-Butyl acrylate	None					20.0		30.0
Dibromofluoromethane (Surr)	Ave	0.2695	0.2716		50.4	50.0	1.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0703	0.0698		49.6	50.0	-1.0	30.0
Toluene-d8 (Surr)	Ave	1.416	1.401		49.4	50.0	-1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5112	0.4829		47.2	50.0	-6.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X60.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 07-Oct-2025 20:07:01 ALS Bottle#: 10 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: ICV
 Misc. Info.: 410-0162303-020
 Operator ID: mcd07824 Instrument ID: 15830
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 14:02:37 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1669

First Level Reviewer: Y6ZN

Date: 07-Oct-2025 20:31:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.946	1.936	0.010	99	553601	20.0	19.0	
4 Chloromethane	50	2.142	2.133	0.009	99	634380	20.0	17.4	
5 Vinyl chloride	62	2.251	2.245	0.006	98	601384	20.0	18.8	
6 Butadiene	39	2.271	2.264	0.007	94	914800	20.0	24.3	
8 Bromomethane	94	2.592	2.589	0.003	91	344838	20.0	18.7	
9 Chloroethane	64	2.679	2.682	-0.003	100	314300	20.0	18.2	
10 Dichlorofluoromethane	67	2.943	2.930	0.013	97	885135	20.0	20.8	
11 Trichlorofluoromethane	101	2.985	2.981	0.004	95	563509	20.0	17.4	
12 Pentane	43	3.023	3.014	0.009	99	839826	20.0	27.8	
14 Ethyl ether	59	3.248	3.242	0.006	94	361732	19.9	24.0	M
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.348	3.338	0.010	94	538357	20.0	23.2	
16 Acrolein	56	3.428	3.419	0.009	99	1304401	146.3	154.6	
17 1,1-Dichloroethene	96	3.563	3.570	-0.007	98	368919	20.0	21.4	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.586	0.000	92	357170	20.0	20.7	
19 Acetone	58	3.608	3.596	0.012	100	1185325	250.0	252.2	
21 Iodomethane	142	3.766	3.760	0.006	97	520482	20.0	18.4	
22 Isopropyl alcohol	45	3.827	3.798	0.029	98	605029	150.0	133.7	
23 Carbon disulfide	76	3.882	3.875	0.007	99	980501	20.0	19.4	
24 Methyl acetate	43	4.036	4.030	0.006	84	467230	20.0	20.5	
25 3-Chloro-1-propene	41	4.046	4.030	0.016	91	507793	20.0	21.2	
26 Methylene Chloride	84	4.258	4.242	0.016	95	349791	20.0	20.1	
* 27 t-Butyl alcohol-d10 (IS)	65	4.322	4.277	0.045	98	2069813	250.0	250.0	
28 2-Methyl-2-propanol	59	4.428	4.409	0.019	98	1402300	200.0	197.7	M
31 Acrylonitrile	53	4.608	4.592	0.016	99	1294580	100.0	98.0	
33 Methyl tert-butyl ether	73	4.657	4.637	0.020	90	799275	20.0	20.5	
32 trans-1,2-Dichloroethene	96	4.647	4.640	0.007	97	328302	20.0	21.2	
34 Hexane	57	5.084	5.081	0.003	96	335956	20.0	21.8	
35 1,1-Dichloroethane	63	5.332	5.316	0.016	96	586373	20.0	21.1	
36 Isopropyl ether	45	5.393	5.390	0.003	92	875660	20.0	20.6	
37 2-Chloro-1,3-butadiene	53	5.431	5.428	0.003	92	461116	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.930	5.936	-0.006	97	748821	20.0	21.0	
41 2-Butanone (MEK)	43	6.158	6.142	0.016	100	3961301	250.0	239.4	
42 cis-1,2-Dichloroethene	96	6.171	6.161	0.010	74	352189	20.0	20.6	
43 2,2-Dichloropropane	77	6.187	6.190	-0.003	87	424672	20.0	19.9	
44 Propionitrile	54	6.264	6.251	0.013	95	899199	150.0	152.5	
45 Methacrylonitrile	67	6.467	6.451	0.016	92	1487784	150.0	158.9	
46 Chlorobromomethane	128	6.502	6.496	0.006	97	167208	20.0	20.6	
47 Tetrahydrofuran	71	6.521	6.515	0.006	82	463969	100.0	102.8	
48 Chloroform	83	6.650	6.647	0.003	93	530499	20.0	21.1	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.862	0.003	93	709779	50.0	50.4	
50 1,1,1-Trichloroethane	97	6.878	6.878	0.000	93	443555	20.0	20.6	
51 Cyclohexane	56	6.965	6.968	-0.003	91	519295	20.0	21.2	
52 1,1-Dichloropropene	75	7.084	7.084	0.000	95	388794	20.0	21.1	
53 Carbon tetrachloride	117	7.087	7.087	0.000	83	378643	20.0	20.9	
56 Isobutyl alcohol	41	7.287	7.277	0.010	96	1041255	500.0	479.5	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.325	0.000	99	182526	50.0	49.6	
58 Benzene	78	7.357	7.351	0.006	97	1176260	20.0	20.4	
59 1,2-Dichloroethane	62	7.431	7.428	0.003	98	371459	20.0	20.8	
60 Tert-amyl methyl ether	73	7.557	7.554	0.003	98	763911	20.0	22.1	
* 61 Fluorobenzene (IS)	96	7.759	7.759	0.000	98	2613195	50.0	50.0	
62 n-Heptane	43	7.775	7.766	0.009	87	261564	20.0	20.1	
63 n-Butanol	56	8.152	8.148	0.004	92	1475467	1000.0	1020.8	
64 Trichloroethene	95	8.242	8.242	0.000	99	278329	20.0	21.3	
65 Methylcyclohexane	83	8.547	8.544	0.003	92	445425	20.0	22.5	
66 1,2-Dichloropropane	63	8.579	8.582	-0.003	96	285461	20.0	20.7	
67 2-ethoxy-2-methyl butane	87	8.595	8.586	0.009	95	402177	20.0	23.2	
68 Methyl methacrylate	69	8.669	8.672	-0.003	91	221951	20.0	20.9	
70 1,4-Dioxane	88	8.682	8.679	0.003	59	223630	500.0	486.3	
69 Dibromomethane	93	8.689	8.685	0.004	94	169472	20.0	20.0	
72 Dichlorobromomethane	83	8.926	8.920	0.006	99	311184	20.0	20.4	
73 2-Nitropropane	41	9.213	9.213	0.000	98	110582	20.0	18.7	
74 2-Chloroethyl vinyl ether	63	9.299	9.293	0.006	91	135921	20.0	18.1	
76 cis-1,3-Dichloropropene	75	9.476	9.470	0.006	95	324455	20.0	19.6	
78 4-Methyl-2-pentanone (MIBK)	43	9.660	9.656	0.004	97	6897230	250.0	264.7	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.782	0.000	94	2499984	50.0	49.4	
80 Toluene	92	9.859	9.859	0.000	99	672499	20.0	20.6	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	94	291748	20.0	20.1	
106 Ethyl methacrylate	69	10.180	10.180	0.000	90	363869	20.0	21.8	
107 1,1,2-Trichloroethane	97	10.319	10.322	-0.003	90	221727	20.0	20.4	
108 Tetrachloroethene	166	10.399	10.399	0.000	96	270819	20.0	21.0	
109 1,3-Dichloropropane	76	10.486	10.483	0.003	92	359907	20.0	20.3	
110 2-Hexanone	43	10.544	10.541	0.003	97	5155216	250.0	272.9	
111 Chlorodibromomethane	129	10.695	10.695	0.000	91	211644	20.0	18.7	
112 Ethylene Dibromide	107	10.804	10.801	0.003	98	209176	20.0	20.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.235	0.003	87	1784864	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	96	305529	20.0	21.6	
115 Chlorobenzene	112	11.264	11.264	0.000	95	722643	20.0	21.3	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.348	0.000	93	258923	20.0	20.0	
118 Ethylbenzene	91	11.354	11.351	0.003	98	1279585	20.0	21.9	
119 m-Xylene & p-Xylene	106	11.463	11.467	-0.004	99	1005391	40.0	43.9	
120 o-Xylene	106	11.798	11.798	0.000	97	501481	20.0	21.2	
121 Styrene	104	11.811	11.811	0.000	95	746162	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
122 Bromoform	173	11.965	11.965	0.000	97	153836	20.0	19.3	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	1240545	20.0	22.5	
125 Cyclohexanone	55	12.184	12.184	0.000	93	848705	499.9	458.0	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	90	861925	50.0	47.2	
127 1,1,2,2-Tetrachloroethane	83	12.344	12.348	-0.004	94	418592	20.0	19.4	
128 Bromobenzene	156	12.357	12.357	0.000	94	276314	20.0	20.8	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	94	433071	100.0	87.8	
130 1,2,3-Trichloropropane	110	12.393	12.393	0.000	83	134623	20.0	18.9	
131 N-Propylbenzene	91	12.428	12.428	0.000	99	1495210	20.0	23.9	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	288517	20.0	21.4	
133 1,3,5-Trimethylbenzene	105	12.566	12.563	0.003	94	997913	20.0	22.1	
134 4-Chlorotoluene	126	12.598	12.598	0.000	97	275938	20.0	22.0	
135 tert-Butylbenzene	134	12.811	12.811	0.000	93	163586	20.0	18.3	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	97	965072	20.0	21.2	
137 sec-Butylbenzene	105	12.975	12.975	0.000	94	1097379	20.0	21.6	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	98	507051	20.0	21.2	
139 4-Isopropyltoluene	119	13.081	13.084	-0.003	97	948669	20.0	21.6	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.129	-0.003	94	995436	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	96	511941	20.0	20.8	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	1027879	20.0	22.3	
143 Benzyl chloride	91	13.225	13.225	0.000	99	661669	20.0	19.7	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	568728	20.0	22.2	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	95	591994	20.0	21.8	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	496623	20.0	23.0	
147 1,2-Dichlorobenzene	146	13.409	13.409	0.000	98	534164	20.0	20.9	
148 o-diethylbenzene	119	13.431	13.431	0.000	96	478570	20.0	21.1	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.955	-0.003	83	130993	20.0	18.8	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	98	359329	20.0	23.7	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	354574	20.0	24.3	
152 Hexachlorobutadiene	225	14.589	14.592	-0.003	95	163682	20.0	27.6	
153 Naphthalene	128	14.688	14.692	-0.004	97	1488543	20.0	23.8	
154 1,2,3-Trichlorobenzene	180	14.833	14.836	-0.003	95	404461	20.0	25.6	
155 2-Methylnaphthalene	142	15.482	15.483	0.000	92	1125761	20.0	31.9	
183 Ethyl acrylate	55		0.000				ND	ND	
198 2-Ethylhexyl acrylate	55		0.000				ND	ND	
200 Methyl acrylate	55		0.000				ND	ND	
206 n-Butyl acrylate	55		0.000				ND	ND	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00243	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00251	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00248	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00271	Amount Added: 50.00	Units: uL	
MSV_LCS_OH_Sp_00032	Amount Added: 50.00	Units: uL	
MSV_LCS_EE_00012	Amount Added: 50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X60.D

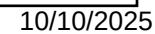
Operator ID: mcd07824

Worklist Smp#: 20

ALS Bottle#: 10

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

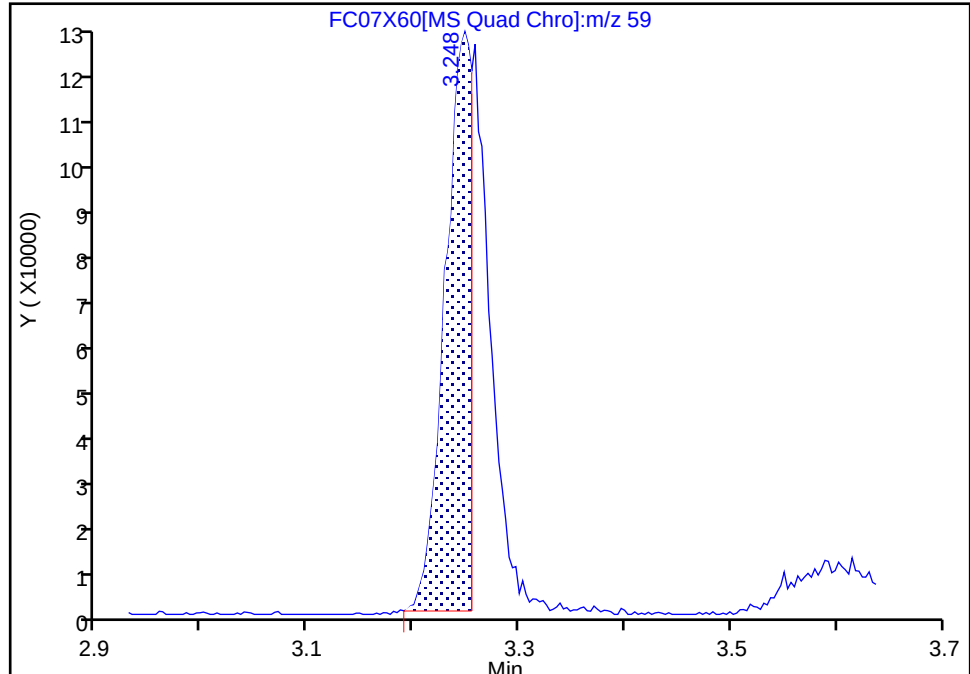
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X60.D
Injection Date: 07-Oct-2025 20:07:01 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: mcd07824 ALS Bottle#: 10 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

14 Ethyl ether, CAS: 60-29-7

Signal: 1

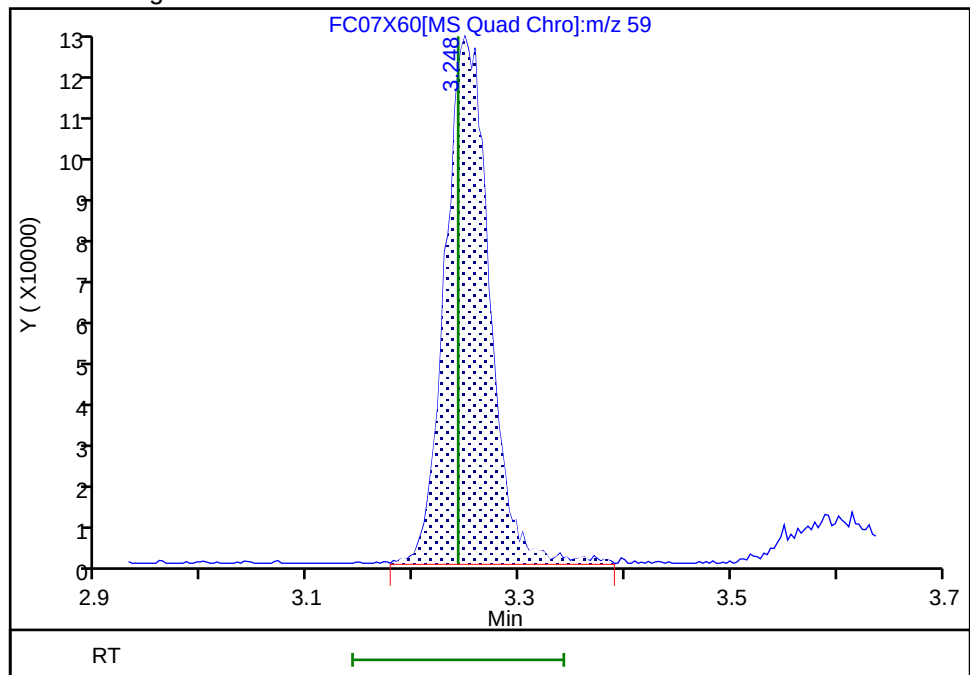
RT: 3.25
Area: 214953
Amount: 14.259088
Amount Units: ug/l

Processing Integration Results



RT: 3.25
Area: 361732
Amount: 23.995797
Amount Units: ug/l

Manual Integration Results



Reviewer: UCB5, 08-Oct-2025 14:01:30 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

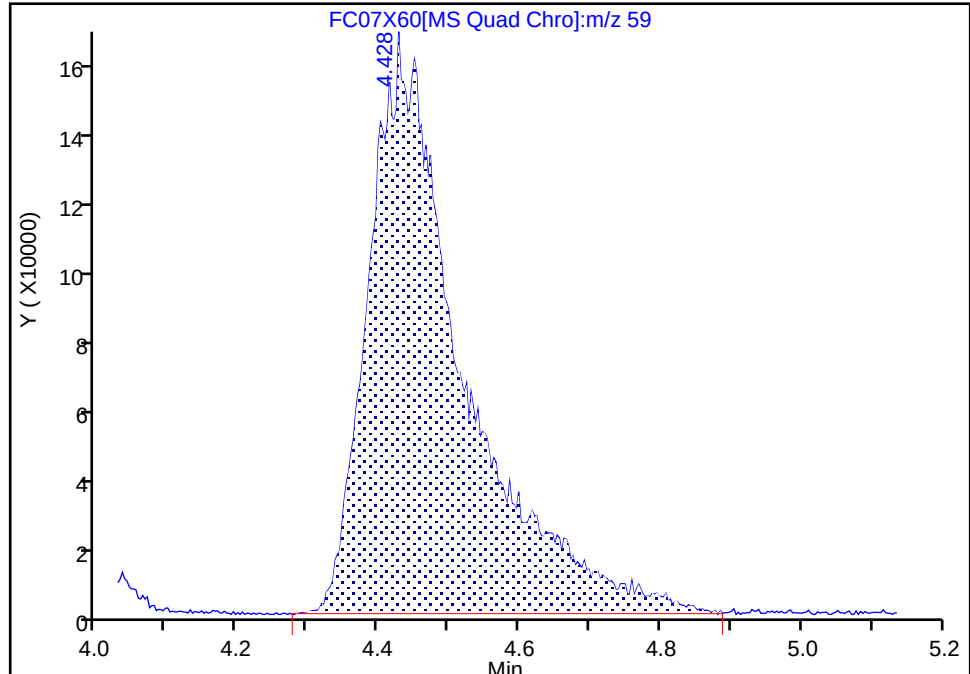
Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X60.D
Injection Date: 07-Oct-2025 20:07:01 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: mcd07824 ALS Bottle#: 10 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

28 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

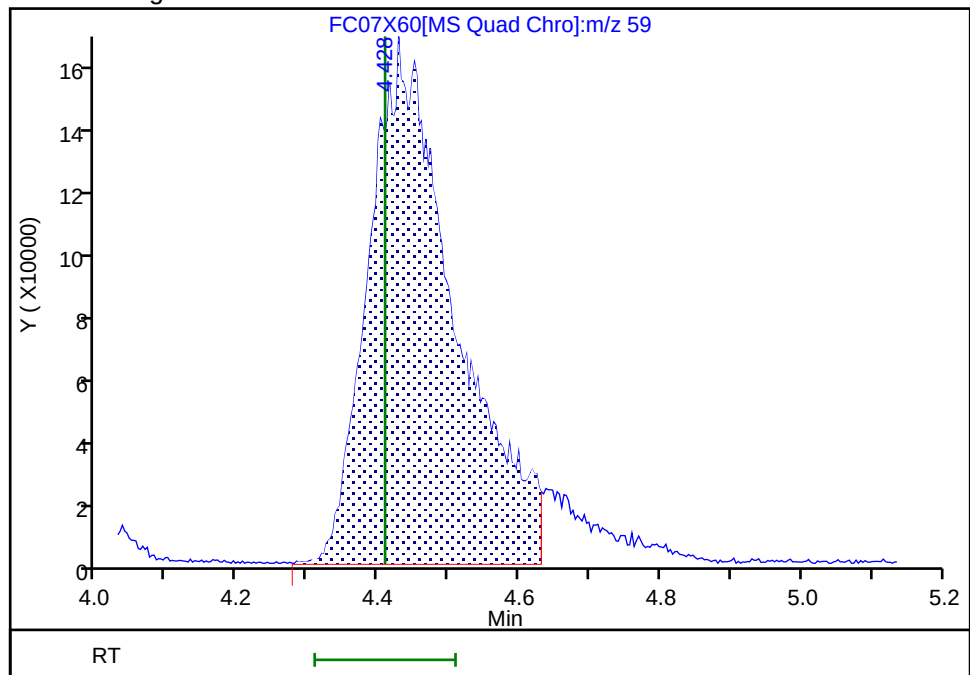
RT: 4.43
Area: 1538152
Amount: 225.8661
Amount Units: ug/l

Processing Integration Results



RT: 4.43
Area: 1402300
Amount: 197.6524
Amount Units: ug/l

Manual Integration Results



Reviewer: Y6ZN, 07-Oct-2025 20:29:56 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-711513/3

Calibration Date: 10/09/2025 10:49

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC08X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5583	0.4979	0.1000	44.6	50.0	-11.0	20.0
Chloromethane	Ave	0.6958	0.6622	0.1000	47.6	50.0	-5.0	20.0
Vinyl chloride	Ave	0.6125	0.5793	0.1000	47.3	50.0	-5.0	20.0
1,3-Butadiene	Ave	0.7200	0.8415		58.4	50.0	17.0	20.0
Bromomethane	Ave	0.3527	0.3344	0.1000	47.4	50.0	-5.0	20.0
Chloroethane	Ave	0.3300	0.3249	0.1000	49.2	50.0	-2.0	20.0
Dichlorofluoromethane	Ave	0.8129	0.7886		48.5	50.0	-3.0	20.0
Trichlorofluoromethane	Ave	0.6180	0.6032	0.1000	48.8	50.0	-2.0	20.0
n-Pentane	Lin		0.5623		48.9	50.0	-2.0	20.0
Ethyl ether	Ave	0.2884	0.2604		45.1	50.0	-10.0	20.0
Freon 123a	Ave	0.4433	0.4189		47.3	50.0	-5.0	20.0
Acrolein	Ave	1.019	0.8558		410	488	-16.0	20.0
1,1-Dichloroethene	Ave	0.3303	0.2718	0.1000	41.1	50.0	-18.0	20.0
Freon 113	Ave	0.3309	0.2958	0.1000	44.7	50.0	-11.0	20.0
Acetone	Ave	0.5677	0.4843	0.1000	85.3	100	-15.0	20.0
Methyl iodide	Ave	0.5416	0.4745		43.8	50.0	-12.0	20.0
2-Propanol	Ave	0.5465	0.5689		260	250	4.0	20.0
Carbon disulfide	Ave	0.9690	1.009	0.1000	52.0	50.0	4.0	20.0
Methyl acetate	Linl		0.5617	0.1000	67.7	50.0	35.0*	20.0
Allyl chloride	Ave	0.4587	0.5728		62.4	50.0	25.0*	20.0
Methylene Chloride	Ave	0.3330	0.3419	0.1000	51.3	50.0	3.0	20.0
t-Butyl alcohol	Ave	0.8569	0.8501		248	250	-1.0	20.0
Acrylonitrile	Ave	0.2528	0.2546		126	125	1.0	20.0
trans-1,2-Dichloroethene	Ave	0.2969	0.2889	0.1000	48.6	50.0	-3.0	20.0
Methyl tert-butyl ether	Ave	0.7473	0.7516	0.1000	50.3	50.0	1.0	20.0
n-Hexane	Ave	0.2946	0.2913		49.4	50.0	-1.0	20.0
1,1-Dichloroethane	Ave	0.5325	0.5374	0.2000	50.5	50.0	1.0	20.0
Isopropyl ether	Ave	0.8120	0.8622		53.1	50.0	6.0	20.0
2-Chloro-1,3-butadiene	Ave	0.4168	0.4536		54.4	50.0	9.0	20.0
Ethyl t-butyl ether	Ave	0.6816	0.6839		50.2	50.0	0.0	20.0
2-Butanone (MEK)	Ave	0.3166	0.3474	0.1000	110	100	10.0	20.0
cis-1,2-Dichloroethene	Ave	0.3279	0.3120	0.1000	47.6	50.0	-5.0	20.0
2,2-Dichloropropane	Ave	0.4085	0.4318		52.8	50.0	6.0	20.0
Propionitrile	Ave	0.7122	0.6591		231	250	-7.0	20.0
Methacrylonitrile	Ave	0.1792	0.1919		134	125	7.0	20.0
Bromochloromethane	Ave	0.1554	0.1570		50.5	50.0	1.0	20.0
Tetrahydrofuran	Ave	0.5452	0.5237		240	250	-4.0	20.0
Chloroform	Ave	0.4813	0.5187	0.2000	53.9	50.0	8.0	20.0
1,1,1-Trichloroethane	Ave	0.4112	0.4443	0.1000	54.0	50.0	8.0	20.0
Cyclohexane	Ave	0.4687	0.5024	0.1000	53.6	50.0	7.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-711513/3

Calibration Date: 10/09/2025 10:49

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC08X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3528	0.3753		53.2	50.0	6.0	20.0
Carbon tetrachloride	Ave	0.3458	0.3810	0.1000	55.1	50.0	10.0	20.0
Isobutyl alcohol	Ave	0.2623	0.2666		635	625	2.0	20.0
Benzene	Ave	1.102	1.175	0.5000	53.3	50.0	7.0	20.0
1,2-Dichloroethane	Ave	0.3422	0.3887	0.1000	56.8	50.0	14.0	20.0
t-Amyl methyl ether	Ave	0.6625	0.6939		52.4	50.0	5.0	20.0
n-Heptane	Ave	0.2488	0.2790		56.1	50.0	12.0	20.0
n-Butanol	Ave	0.1746	0.1605		575	625	-8.0	20.0
Trichloroethene	Ave	0.2497	0.2703	0.2000	54.1	50.0	8.0	20.0
Methylcyclohexane	Ave	0.3786	0.4296	0.1000	56.7	50.0	13.0	20.0
1,2-Dichloropropane	Ave	0.2644	0.2943	0.1000	55.6	50.0	11.0	20.0
t-Amyl ethyl ether	Ave	0.3320	0.3652		55.0	50.0	10.0	20.0
1,4-Dioxane	Ave	0.0555	0.0546	0.0050	614	625	-2.0	20.0
Methyl methacrylate	Ave	0.2036	0.2345		57.6	50.0	15.0	20.0
Dibromomethane	Ave	0.1623	0.1760		54.2	50.0	8.0	20.0
Bromodichloromethane	Ave	0.2925	0.3217	0.2000	55.0	50.0	10.0	20.0
2-Nitropropane	Ave	0.7152	0.8210		287	250	15.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1437	0.1466		51.0	50.0	2.0	20.0
cis-1,3-Dichloropropene	Ave	0.3170	0.3406	0.2000	53.7	50.0	7.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4986	0.6170	0.1000	124	100	24.0*	20.0
Toluene	Ave	0.9123	0.9927	0.4000	54.4	50.0	9.0	20.0
trans-1,3-Dichloropropene	Ave	0.4072	0.4302	0.1000	52.8	50.0	6.0	20.0
Ethyl methacrylate	Ave	0.4665	0.5386		57.7	50.0	15.0	20.0
1,1,2-Trichloroethane	Ave	0.3043	0.3219	0.1000	52.9	50.0	6.0	20.0
Tetrachloroethene	Ave	0.3607	0.3792	0.2000	52.6	50.0	5.0	20.0
1,3-Dichloropropane	Ave	0.4969	0.5445		54.8	50.0	10.0	20.0
2-Hexanone	Ave	0.5292	0.6613	0.1000	125	100	25.0*	20.0
Dibromochloromethane	Ave	0.3178	0.3387		53.3	50.0	7.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.2920	0.3219	0.1000	55.1	50.0	10.0	20.0
1-Chlorohexane	Ave	0.3957	0.4375		55.3	50.0	11.0	20.0
Chlorobenzene	Ave	0.9521	1.042	0.5000	54.7	50.0	9.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3628	0.3953		54.5	50.0	9.0	20.0
Ethylbenzene	Ave	1.635	1.946	0.1000	59.5	50.0	19.0	20.0
m&p-Xylene	Ave	0.6414	0.7533	0.1000	117	100	17.0	20.0
o-Xylene	Ave	0.6613	0.7841	0.3000	59.3	50.0	19.0	20.0
Styrene	Ave	0.9729	1.153	0.3000	59.3	50.0	19.0	20.0
Bromoform	Ave	0.2230	0.2294	0.1000	51.4	50.0	3.0	20.0
Isopropylbenzene	Ave	1.544	1.874	0.1000	60.7	50.0	21.0*	20.0
Cyclohexanone	Ave	0.2238	0.2222		621	625	-1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.082	1.188	0.3000	54.9	50.0	10.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-711513/3

Calibration Date: 10/09/2025 10:49

Instrument ID: 15830

Calib Start Date: 10/07/2025 18:13

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 10/07/2025 23:52

Lab File ID: FC08X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Bromobenzene	Ave	0.6670	0.6936		52.0	50.0	4.0	20.0
trans-1,4-Dichloro-2-butene	Lin1		0.1456		75.6	125	-39.0*	20.0
1,2,3-Trichloropropane	Ave	0.3568	0.3735		52.3	50.0	5.0	20.0
N-Propylbenzene	Ave	3.148	3.905		62.0	50.0	24.0*	20.0
2-Chlorotoluene	Ave	0.6786	0.7573		55.8	50.0	12.0	20.0
1,3,5-Trimethylbenzene	Ave	2.265	2.653		58.6	50.0	17.0	20.0
4-Chlorotoluene	Ave	0.6308	0.7125		56.5	50.0	13.0	20.0
tert-Butylbenzene	Lin1		0.4492		44.3	50.0	-11.0	20.0
1,2,4-Trimethylbenzene	Ave	2.288	2.741		59.9	50.0	20.0	20.0
sec-Butylbenzene	Ave	2.555	3.000		58.7	50.0	17.0	20.0
1,3-Dichlorobenzene	Ave	1.199	1.264	0.6000	52.7	50.0	5.0	20.0
p-Isopropyltoluene	Ave	2.205	2.604		59.1	50.0	18.0	20.0
1,4-Dichlorobenzene	Ave	1.234	1.275	0.5000	51.7	50.0	3.0	20.0
1,2,3-Trimethylbenzene	Ave	2.316	2.760		59.6	50.0	19.0	20.0
Benzyl chloride	Ave	1.689	1.803		53.4	50.0	7.0	20.0
1,3-Diethylbenzene	Ave	1.285	1.431		55.7	50.0	11.0	20.0
1,4-Diethylbenzene	Ave	1.367	1.531		56.0	50.0	12.0	20.0
n-Butylbenzene	Ave	1.082	1.291		59.6	50.0	19.0	20.0
1,2-Dichlorobenzene	Ave	1.286	1.354	0.4000	52.6	50.0	5.0	20.0
1,2-Diethylbenzene	Ave	1.140	1.233		54.1	50.0	8.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3502	0.3717	0.0500	53.1	50.0	6.0	20.0
1,3,5-Trichlorobenzene	Ave	0.7629	0.7592		49.8	50.0	0.0	20.0
1,2,4-Trichlorobenzene	Ave	0.7323	0.6991	0.2000	47.7	50.0	-5.0	20.0
Hexachlorobutadiene	Ave	0.2979	0.2578		43.3	50.0	-13.0	20.0
Naphthalene	Ave	3.144	3.673		58.4	50.0	17.0	20.0
1,2,3-Trichlorobenzene	Ave	0.7924	0.7717		48.7	50.0	-3.0	20.0
2-Methylnaphthalene	Lin1		1.506		41.4	50.0	-17.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2695	0.2773		51.5	50.0	3.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0703	0.0690		49.1	50.0	-2.0	
Toluene-d8 (Surr)	Ave	1.416	1.463		51.7	50.0	3.0	
4-Bromofluorobenzene (Surr)	Ave	0.5112	0.5342		52.3	50.0	5.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X52.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 09-Oct-2025 10:49:18 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162542-003
 Operator ID: lcp00895 Instrument ID: 15830
 Sublist: chrom-MSVoa_15830_PT2*sub26
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: S8BP

Date: 09-Oct-2025 20:53:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.943	1.943	0.000	99	1303329	50.0	44.6	
4 Chloromethane	50	2.136	2.136	0.000	99	1733500	50.0	47.6	
5 Vinyl chloride	62	2.251	2.251	0.000	97	1516609	50.0	47.3	
6 Butadiene	39	2.264	2.264	0.000	96	2202898	50.0	58.4	
8 Bromomethane	94	2.592	2.592	0.000	91	875403	50.0	47.4	
9 Chloroethane	64	2.682	2.682	0.000	99	850583	50.0	49.2	
10 Dichlorofluoromethane	67	2.930	2.930	0.000	97	2064520	50.0	48.5	
11 Trichlorofluoromethane	101	2.984	2.984	0.000	95	1579243	50.0	48.8	
12 Pentane	43	3.017	3.017	0.000	97	1471947	50.0	48.9	
14 Ethyl ether	59	3.245	3.245	0.000	95	681818	50.0	45.1	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.351	3.351	0.000	96	1096726	50.0	47.3	
16 Acrolein	56	3.422	3.422	0.000	100	3891570	487.9	409.7	
17 1,1-Dichloroethene	96	3.550	3.550	0.000	95	711645	50.0	41.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.595	3.595	0.000	95	774490	50.0	44.7	
19 Acetone	58	3.608	3.608	0.000	100	451339	100.0	85.3	
21 Iodomethane	142	3.763	3.763	0.000	99	1242077	50.0	43.8	
22 Isopropyl alcohol	45	3.808	3.808	0.000	98	1325528	250.0	260.3	
23 Carbon disulfide	76	3.865	3.865	0.000	100	2640770	50.0	52.0	
24 Methyl acetate	43	4.029	4.029	0.000	99	1470357	50.0	67.7	M
25 3-Chloro-1-propene	41	4.033	4.033	0.000	93	1499539	50.0	62.4	
26 Methylene Chloride	84	4.238	4.238	0.000	98	894957	50.0	51.3	
* 27 t-Butyl alcohol-d10 (IS)	65	4.316	4.316	0.000	97	2329847	250.0	250.0	
28 2-Methyl-2-propanol	59	4.412	4.412	0.000	96	1980498	250.0	248.0	
31 Acrylonitrile	53	4.598	4.598	0.000	99	1666183	125.0	125.9	
32 trans-1,2-Dichloroethene	96	4.637	4.637	0.000	96	756199	50.0	48.6	
33 Methyl tert-butyl ether	73	4.656	4.656	0.000	98	1967607	50.0	50.3	
34 Hexane	57	5.071	5.071	0.000	95	762679	50.0	49.4	
35 1,1-Dichloroethane	63	5.319	5.319	0.000	96	1406775	50.0	50.5	
36 Isopropyl ether	45	5.412	5.412	0.000	93	2257154	50.0	53.1	
37 2-Chloro-1,3-butadiene	53	5.428	5.428	0.000	95	1187546	50.0	54.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 Tert-butyl ethyl ether	59	5.939	5.939	0.000	96	1790285	50.0	50.2	
41 2-Butanone (MEK)	43	6.155	6.155	0.000	100	1819085	100.0	109.7	
42 cis-1,2-Dichloroethene	96	6.164	6.164	0.000	84	816885	50.0	47.6	
43 2,2-Dichloropropane	77	6.190	6.190	0.000	90	1130294	50.0	52.8	
44 Propionitrile	54	6.251	6.251	0.000	96	1535596	250.0	231.4	
45 Methacrylonitrile	67	6.460	6.460	0.000	95	1255840	125.0	133.9	
46 Chlorobromomethane	128	6.499	6.499	0.000	97	411086	50.0	50.5	
47 Tetrahydrofuran	71	6.518	6.518	0.000	91	1220043	250.0	240.1	
48 Chloroform	83	6.656	6.656	0.000	95	1357984	50.0	53.9	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.865	0.000	93	726058	50.0	51.5	
50 1,1,1-Trichloroethane	97	6.881	6.881	0.000	97	1163195	50.0	54.0	
51 Cyclohexane	56	6.971	6.971	0.000	93	1315128	50.0	53.6	
53 Carbon tetrachloride	117	7.087	7.087	0.000	94	997489	50.0	55.1	
52 1,1-Dichloropropene	75	7.087	7.087	0.000	95	982502	50.0	53.2	
56 Isobutyl alcohol	41	7.286	7.286	0.000	93	1552948	625.0	635.3	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.322	0.000	100	180728	50.0	49.1	
58 Benzene	78	7.354	7.354	0.000	98	3075875	50.0	53.3	
59 1,2-Dichloroethane	62	7.431	7.431	0.000	98	1017522	50.0	56.8	
60 Tert-amyl methyl ether	73	7.560	7.560	0.000	95	1816629	50.0	52.4	
* 61 Fluorobenzene (IS)	96	7.762	7.762	0.000	98	2617911	50.0	50.0	
62 n-Heptane	43	7.775	7.775	0.000	94	730358	50.0	56.1	
63 n-Butanol	56	8.158	8.158	0.000	96	934797	625.0	574.6	
64 Trichloroethene	95	8.238	8.238	0.000	98	707744	50.0	54.1	
65 Methylcyclohexane	83	8.550	8.550	0.000	94	1124712	50.0	56.7	
66 1,2-Dichloropropane	63	8.585	8.585	0.000	96	770376	50.0	55.6	
67 2-ethoxy-2-methyl butane	87	8.592	8.592	0.000	93	956044	50.0	55.0	
68 Methyl methacrylate	69	8.676	8.676	0.000	93	613946	50.0	57.6	
70 1,4-Dioxane	88	8.676	8.676	0.000	64	317976	625.0	614.2	
69 Dibromomethane	93	8.692	8.692	0.000	96	460843	50.0	54.2	
72 Dichlorobromomethane	83	8.926	8.926	0.000	98	842286	50.0	55.0	
73 2-Nitropropane	41	9.216	9.216	0.000	99	1912749	250.0	287.0	
74 2-Chloroethyl vinyl ether	63	9.296	9.296	0.000	93	383688	50.0	51.0	
76 cis-1,3-Dichloropropene	75	9.476	9.476	0.000	93	891774	50.0	53.7	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.663	0.000	99	3230530	100.0	123.7	
\$ 79 Toluene-d8 (Surr)	98	9.785	9.785	0.000	94	2539460	50.0	51.7	
80 Toluene	92	9.859	9.859	0.000	98	1722694	50.0	54.4	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	97	746551	50.0	52.8	
106 Ethyl methacrylate	69	10.183	10.183	0.000	91	934679	50.0	57.7	
107 1,1,2-Trichloroethane	97	10.319	10.319	0.000	92	558570	50.0	52.9	
108 Tetrachloroethene	166	10.402	10.402	0.000	95	657983	50.0	52.6	
109 1,3-Dichloropropane	76	10.486	10.486	0.000	95	944953	50.0	54.8	
110 2-Hexanone	43	10.544	10.544	0.000	98	2295320	100.0	125.0	
111 Chlorodibromomethane	129	10.695	10.695	0.000	91	587801	50.0	53.3	
112 Ethylene Dibromide	107	10.804	10.804	0.000	100	558599	50.0	55.1	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	87	1735350	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	93	759228	50.0	55.3	
115 Chlorobenzene	112	11.267	11.267	0.000	94	1807787	50.0	54.7	
117 1,1,1,2-Tetrachloroethane	131	11.347	11.347	0.000	93	685924	50.0	54.5	
118 Ethylbenzene	91	11.351	11.351	0.000	99	3377397	50.0	59.5	
119 m-Xylene & p-Xylene	106	11.466	11.466	0.000	99	2614511	100.0	117.4	
120 o-Xylene	106	11.801	11.801	0.000	97	1360689	50.0	59.3	
121 Styrene	104	11.814	11.814	0.000	94	2000744	50.0	59.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
122 Bromoform	173	11.968	11.968	0.000	95	398118	50.0	51.4	
123 Isopropylbenzene	105	12.100	12.100	0.000	96	3251763	50.0	60.7	
125 Cyclohexanone	55	12.183	12.183	0.000	95	1294385	625.0	620.5	
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	85	927089	50.0	52.3	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.347	0.000	94	1182404	50.0	54.9	
128 Bromobenzene	156	12.360	12.360	0.000	97	690216	50.0	52.0	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	82	362167	125.0	75.6	
130 1,2,3-Trichloropropane	110	12.392	12.392	0.000	86	371641	50.0	52.3	
131 N-Propylbenzene	91	12.431	12.431	0.000	99	3885764	50.0	62.0	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	753639	50.0	55.8	
133 1,3,5-Trimethylbenzene	105	12.566	12.566	0.000	95	2639889	50.0	58.6	
134 4-Chlorotoluene	126	12.598	12.598	0.000	98	709066	50.0	56.5	
135 tert-Butylbenzene	134	12.810	12.810	0.000	94	447009	50.0	44.3	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	2727409	50.0	59.9	
137 sec-Butylbenzene	105	12.974	12.974	0.000	95	2985539	50.0	58.7	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	97	1258306	50.0	52.7	
139 4-Isopropyltoluene	119	13.080	13.080	0.000	97	2591196	50.0	59.1	
* 140 1,4-Dichlorobenzene-d4	152	13.125	13.125	0.000	96	995133	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	93	1268803	50.0	51.7	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	2746300	50.0	59.6	
143 Benzyl chloride	91	13.225	13.225	0.000	99	1794479	50.0	53.4	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	96	1423662	50.0	55.7	
145 p-Diethylbenzene	119	13.357	13.357	0.000	93	1523071	50.0	56.0	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	1284257	50.0	59.6	
147 1,2-Dichlorobenzene	146	13.408	13.408	0.000	96	1347318	50.0	52.6	
148 o-diethylbenzene	119	13.428	13.428	0.000	96	1226797	50.0	54.1	
149 1,2-Dibromo-3-Chloropropane	75	13.952	13.952	0.000	78	369854	50.0	53.1	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	96	755516	50.0	49.8	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	695742	50.0	47.7	
152 Hexachlorobutadiene	225	14.588	14.588	0.000	96	256564	50.0	43.3	
153 Naphthalene	128	14.691	14.691	0.000	97	3654922	50.0	58.4	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	95	767950	50.0	48.7	
155 2-Methylnaphthalene	142	15.482	15.482	0.000	92	1498743	50.0	41.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_GASES_01142	Amount Added: 2.50	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_CCV_EE_00009	Amount Added: 5.00	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 10-Oct-2025 09:19:24

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X52.D

Injection Date: 09-Oct-2025 10:49:18

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

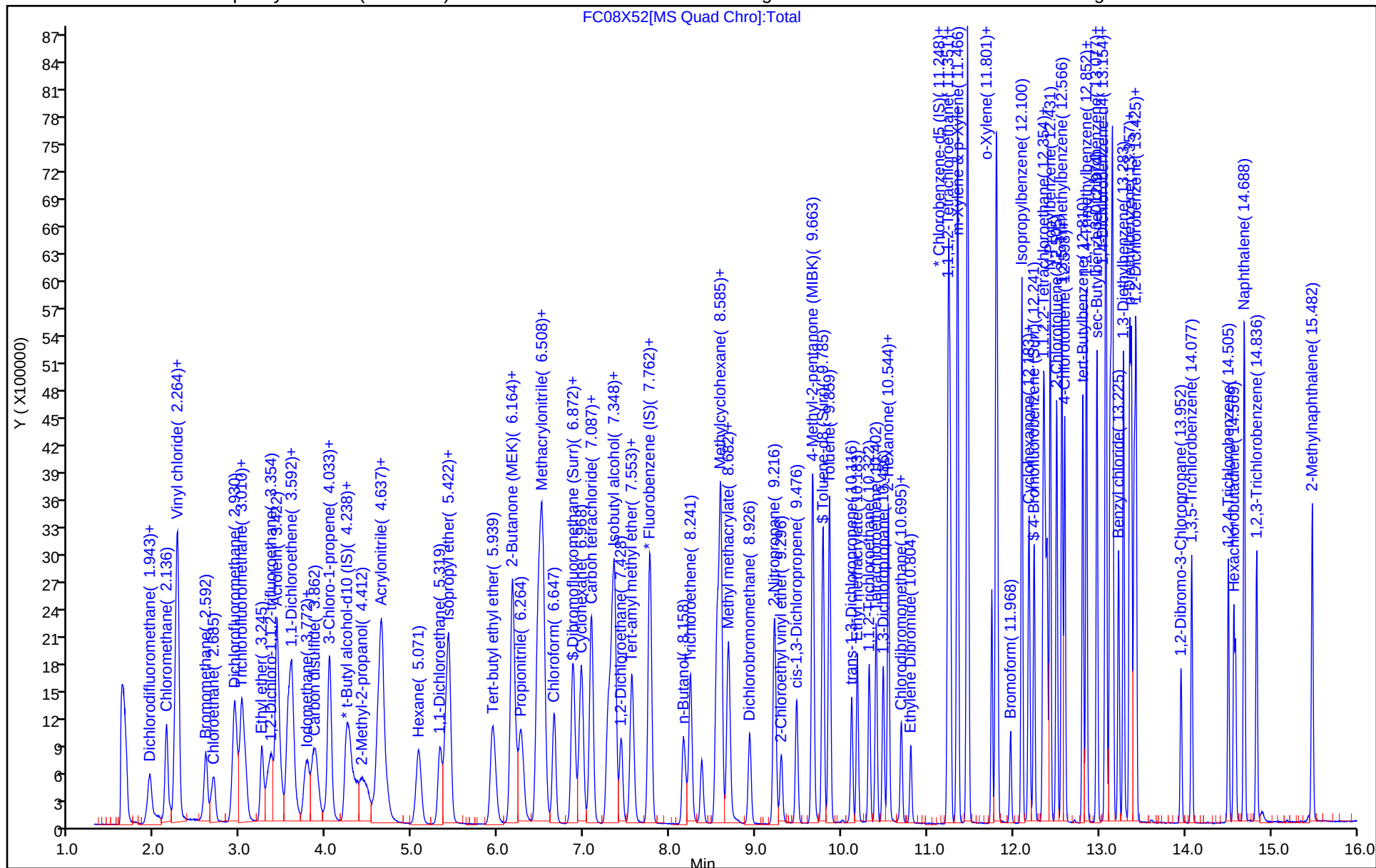
ALS Bottle#: 2

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

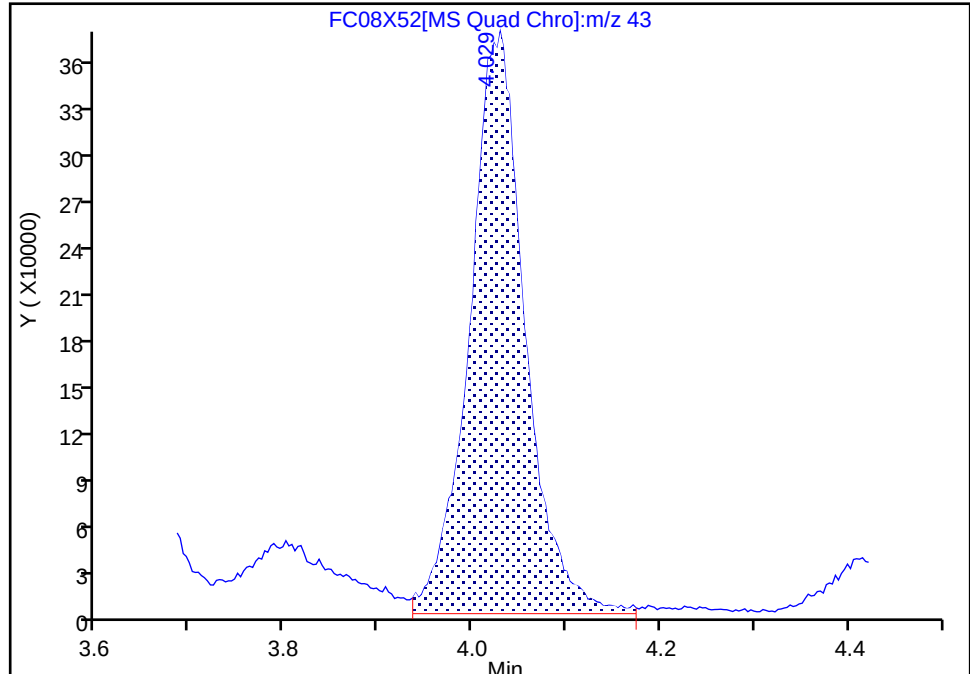
Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X52.D
Injection Date: 09-Oct-2025 10:49:18 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: lcp00895 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Methyl acetate, CAS: 79-20-9

Signal: 1

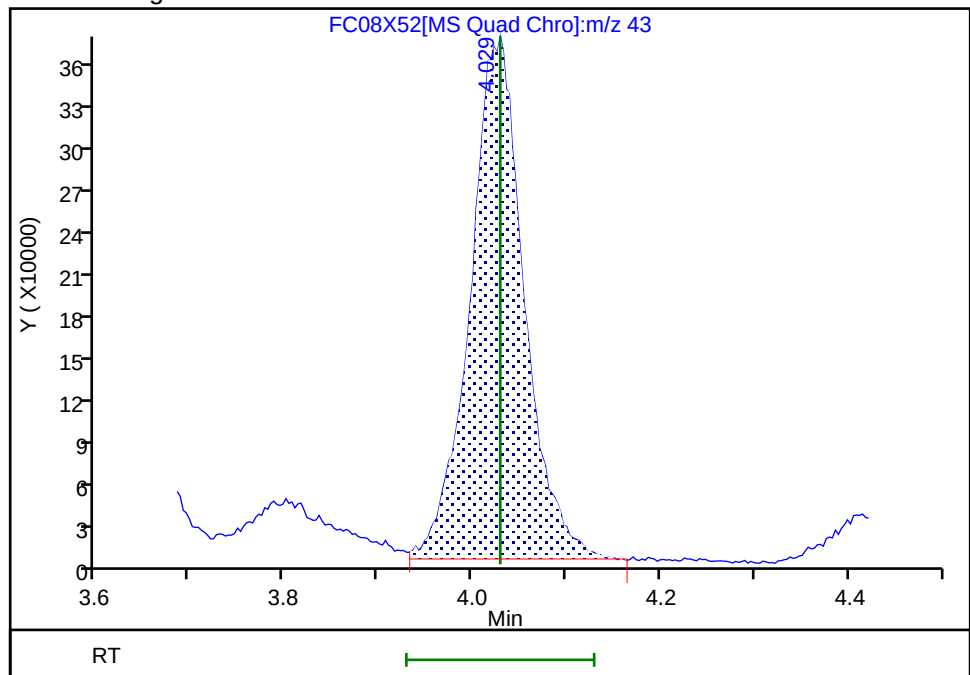
RT: 4.03
Area: 1522322
Amount: 70.142117
Amount Units: ug/l

Processing Integration Results



RT: 4.03
Area: 1470357
Amount: 67.697248
Amount Units: ug/l

Manual Integration Results



Reviewer: ULCP, 09-Oct-2025 16:55:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Baseline

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.: _____

Lab Sample ID: ICV 410-683596/20

Calibration Date: 08/11/2025 21:42

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5G11X19.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5275	0.4002	0.1000	15.2	20.0	-24.1	30.0
Chloromethane	Ave	0.5015	0.4508	0.1000	18.0	20.0	-10.1	30.0
Vinyl chloride	Ave	0.4412	0.3857	0.1000	17.5	20.0	-12.6	30.0
1,3-Butadiene	Ave	0.4316	0.4300		19.9	20.0	-0.4	30.0
Bromomethane	Ave	0.2920	0.2731	0.1000	18.7	20.0	-6.5	30.0
Chloroethane	Ave	0.2122	0.2073	0.1000	19.5	20.0	-2.3	30.0
Dichlorofluoromethane	Ave	0.6702	0.6745		20.1	20.0	0.6	30.0
n-Pentane	Ave	0.3607	0.3803		21.1	20.0	5.4	30.0
Trichlorofluoromethane	Ave	0.5507	0.4751	0.1000	17.3	20.0	-13.7	30.0
Ethyl ether	Ave	0.1907	0.2000		20.8	19.9	4.9	30.0
Freon 123a	Ave	0.3306	0.3183		19.3	20.0	-3.7	30.0
Acrolein	Ave	1.248	1.207		142	146	-3.3	30.0
1,1-Dichloroethene	Ave	0.2183	0.2609	0.1000	23.9	20.0	19.5	30.0
Acetone	Ave	0.5656	0.5521	0.1000	244	250	-2.4	30.0
Freon 113	Ave	0.2509	0.2733	0.1000	21.8	20.0	9.0	30.0
2-Propanol	Ave	0.4992	0.4336		130	150	-13.2	30.0
Methyl iodide	Ave	0.4794	0.4921		20.5	20.0	2.7	30.0
Carbon disulfide	Ave	0.7736	0.8683	0.1000	22.4	20.0	12.2	30.0
Methyl acetate	Ave	0.3245	0.3160	0.1000	19.5	20.0	-2.6	30.0
Allyl chloride	Ave	0.3808	0.3942		20.7	20.0	3.5	30.0
Methylene Chloride	Ave	0.2622	0.2818	0.1000	21.5	20.0	7.5	30.0
t-Butyl alcohol	Ave	0.9556	1.057		221	200	10.7	30.0
Acrylonitrile	Ave	0.1545	0.1576		102	100	2.0	30.0
trans-1,2-Dichloroethene	Ave	0.2412	0.2616	0.1000	21.7	20.0	8.5	30.0
Methyl tert-butyl ether	Ave	0.7762	0.7915	0.1000	20.4	20.0	2.0	30.0
n-Hexane	Lin1		0.2945		21.1	20.0	5.4	30.0
1,1-Dichloroethane	Ave	0.4411	0.4840	0.2000	21.9	20.0	9.7	30.0
Isopropyl ether	Ave	0.7551	0.7965		21.1	20.0	5.5	30.0
2-Chloro-1,3-butadiene	Ave	0.3822	0.4100		21.5	20.0	7.3	30.0
Ethyl t-butyl ether	Ave	0.7346	0.7647		20.8	20.0	4.1	30.0
2-Butanone (MEK)	Ave	0.2394	0.2265	0.1000	237	250	-5.4	30.0
cis-1,2-Dichloroethene	Ave	0.2681	0.2965	0.1000	22.1	20.0	10.6	30.0
2,2-Dichloropropane	Ave	0.3864	0.4127		21.4	20.0	6.8	30.0
Propionitrile	Ave	1.000	0.9837		148	150	-1.6	30.0
Methyl acrylate	Ave	0.3637	0.3881		21.3	20.0	6.7	30.0
Methacrylonitrile	Ave	0.1506	0.1547		154	150	2.7	30.0
Bromochloromethane	Ave	0.1369	0.1440		21.0	20.0	5.1	30.0
Tetrahydrofuran	Ave	0.8996	0.8435		93.8	100	-6.2	30.0
Chloroform	Ave	0.4548	0.4801	0.2000	21.1	20.0	5.6	30.0
1,1,1-Trichloroethane	Ave	0.3961	0.4391	0.1000	22.2	20.0	10.9	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: ICV 410-683596/20

Calibration Date: 08/11/2025 21:42

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5G11X19.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.4052	0.4504	0.1000	22.2	20.0	11.1	30.0
Carbon tetrachloride	Ave	0.3473	0.3752	0.1000	21.6	20.0	8.0	30.0
1,1-Dichloropropene	Ave	0.3400	0.3661		21.5	20.0	7.7	30.0
Isobutyl alcohol	Ave	0.3411	0.3040		446	500	-10.9	30.0
Benzene	Ave	1.010	1.070	0.5000	21.2	20.0	6.0	30.0
1,2-Dichloroethane	Ave	0.3724	0.3889	0.1000	20.9	20.0	4.4	30.0
t-Amyl methyl ether	Ave	0.7278	0.7648		21.0	20.0	5.1	30.0
n-Heptane	Linl		0.2752		20.9	20.0	4.7	30.0
n-Butanol	Ave	0.2186	0.2182		998	1000	-0.2	30.0
Trichloroethene	Ave	0.2606	0.2824	0.2000	21.7	20.0	8.4	30.0
Ethyl acrylate	Ave	0.3889	0.4064		20.9	20.0	4.5	30.0
Methylcyclohexane	Linl		0.3984	0.1000	19.8	20.0	-1.0	30.0
1,2-Dichloropropane	Ave	0.2531	0.2698	0.1000	21.3	20.0	6.6	30.0
t-Amyl ethyl ether	Ave	0.3449	0.3427		19.9	20.0	-0.6	30.0
1,4-Dioxane	Ave	0.0592	0.0564	0.0050	476	500	-4.7	30.0
Dibromomethane	Ave	0.1732	0.1779		20.5	20.0	2.7	30.0
Methyl methacrylate	Ave	0.2176	0.2172		20.0	20.0	-0.2	30.0
Bromodichloromethane	Ave	0.3353	0.3462	0.2000	20.6	20.0	3.2	30.0
2-Nitropropane	Ave	1.807	1.606		17.8	20.0	-11.1	30.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1818		19.8	20.0	-1.0	30.0
cis-1,3-Dichloropropene	Ave	0.3963	0.4044	0.2000	20.4	20.0	2.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4575	0.4545	0.1000	248	250	-0.7	30.0
Toluene	Ave	0.8539	0.9107	0.4000	21.3	20.0	6.7	30.0
trans-1,3-Dichloropropene	Ave	0.5003	0.5066	0.1000	20.3	20.0	1.3	30.0
Ethyl methacrylate	Ave	0.4998	0.5184		20.7	20.0	3.7	30.0
1,1,2-Trichloroethane	Ave	0.3109	0.3242	0.1000	20.9	20.0	4.3	30.0
Tetrachloroethene	Ave	0.3761	0.4221	0.2000	22.4	20.0	12.2	30.0
1,3-Dichloropropane	Ave	0.4830	0.4948		20.5	20.0	2.4	30.0
2-Hexanone	Ave	0.4449	0.4359	0.1000	245	250	-2.0	30.0
Dibromochloromethane	Ave	0.3693	0.3583		19.4	20.0	-3.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.3320	0.3397	0.1000	20.5	20.0	2.3	30.0
1-Chlorohexane	Ave	0.3974	0.4434		22.3	20.0	11.6	30.0
Chlorobenzene	Ave	0.9399	0.9827	0.5000	20.9	20.0	4.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3654	0.3889		21.3	20.0	6.4	30.0
Ethylbenzene	Ave	1.654	1.813	0.1000	21.9	20.0	9.6	30.0
m&p-Xylene	Ave	0.6321	0.7036	0.1000	44.5	40.0	11.3	30.0
n-Butyl acrylate	Ave	0.7455	0.7883		21.1	20.0	5.7	30.0
o-Xylene	Ave	0.6469	0.7210	0.3000	22.3	20.0	11.5	30.0
Styrene	Ave	1.049	1.139	0.3000	21.7	20.0	8.6	30.0
Bromoform	Ave	0.2919	0.2818	0.1000	19.3	20.0	-3.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.: _____

Lab Sample ID: ICV 410-683596/20

Calibration Date: 08/11/2025 21:42

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5G11X19.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropylbenzene	Ave	1.718	1.874	0.1000	21.8	20.0	9.1	30.0
Cyclohexanone	Ave	0.2866	0.2357		411	500	-17.8	30.0
Bromobenzene	Ave	0.7507	0.7812		20.8	20.0	4.1	30.0
1,1,2,2-Tetrachloroethane	Ave	1.009	1.005	0.3000	19.9	20.0	-0.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2970	0.2941		99.0	100	-1.0	30.0
1,2,3-Trichloropropane	Ave	0.2893	0.2829		19.6	20.0	-2.2	30.0
N-Propylbenzene	Ave	3.406	3.609		21.2	20.0	6.0	30.0
2-Chlorotoluene	Ave	0.6870	0.7569		22.0	20.0	10.2	30.0
1,3,5-Trimethylbenzene	Ave	2.422	2.548		21.0	20.0	5.2	30.0
4-Chlorotoluene	Ave	0.6665	0.7033		21.1	20.0	5.5	30.0
tert-Butylbenzene	Ave	0.4197	0.4283		20.4	20.0	2.0	30.0
1,2,4-Trimethylbenzene	Ave	2.393	2.606		21.8	20.0	8.9	30.0
sec-Butylbenzene	Ave	2.803	2.954		21.1	20.0	5.4	30.0
1,3-Dichlorobenzene	Ave	1.297	1.383	0.6000	21.3	20.0	6.7	30.0
p-Isopropyltoluene	Ave	2.488	2.573		20.7	20.0	3.4	30.0
1,4-Dichlorobenzene	Ave	1.329	1.384	0.5000	20.8	20.0	4.1	30.0
1,2,3-Trimethylbenzene	Ave	2.518	2.647		21.0	20.0	5.1	30.0
Benzyl chloride	Ave	1.880	1.912		20.3	20.0	1.7	30.0
1,3-Diethylbenzene	Ave	1.340	1.509		22.5	20.0	12.6	30.0
1,4-Diethylbenzene	Ave	1.440	1.558		21.6	20.0	8.2	30.0
n-Butylbenzene	Ave	1.136	1.206		21.2	20.0	6.2	30.0
1,2-Dichlorobenzene	Ave	1.332	1.404	0.4000	21.1	20.0	5.4	30.0
1,2-Diethylbenzene	Ave	1.156	1.216		21.0	20.0	5.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2785	0.2611	0.0500	18.8	20.0	-6.2	30.0
1,3,5-Trichlorobenzene	Ave	0.8689	0.9804		22.6	20.0	12.8	30.0
1,2,4-Trichlorobenzene	Ave	0.8621	0.9578	0.2000	22.2	20.0	11.1	30.0
2-Ethylhexyl acrylate	Ave	0.7776	0.8397		21.7	20.1	8.0	30.0
Hexachlorobutadiene	Lin1		0.3785		20.2	20.0	1.1	30.0
Naphthalene	Ave	3.330	3.535		21.2	20.0	6.2	30.0
1,2,3-Trichlorobenzene	Ave	0.8370	0.9123		21.8	20.0	9.0	30.0
2-Methylnaphthalene	Ave	1.454	1.759		24.2	20.0	20.9	30.0
Dibromofluoromethane (Surr)	Ave	0.2682	0.2702		50.4	50.0	0.7	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0583	0.0586		50.3	50.0	0.5	30.0
Toluene-d8 (Surr)	Ave	1.322	1.329		50.2	50.0	0.5	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4848	0.4886		50.4	50.0	0.8	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X19.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 11-Aug-2025 21:42:30 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0156173-020
 Misc. Info.: ICV
 Operator ID: knk41612 Instrument ID: 26285
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 12-Aug-2025 14:07:35 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1657

First Level Reviewer: JS6E

Date: 11-Aug-2025 23:13:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.573	1.579	-0.006	81	168038	20.0	15.2	
4 Chloromethane	50	1.738	1.750	-0.012	99	189283	20.0	18.0	
6 Vinyl chloride	62	1.836	1.841	-0.005	98	161955	20.0	17.5	
5 Butadiene	39	1.854	1.866	-0.012	96	180539	20.0	19.9	
9 Bromomethane	94	2.116	2.128	-0.012	91	114666	20.0	18.7	
10 Chloroethane	64	2.146	2.152	-0.006	97	87057	20.0	19.5	
11 Dichlorofluoromethane	67	2.390	2.396	-0.006	97	283182	20.0	20.1	
12 Pentane	43	2.390	2.402	-0.012	68	159669	20.0	21.1	
13 Trichlorofluoromethane	101	2.427	2.439	-0.012	98	199498	20.0	17.3	
15 Ethyl ether	59	2.573	2.579	-0.006	93	83376	19.9	20.8	
16 1,2-Dichloro-1,1,2-trifluoroetha	67	2.683	2.683	0.000	92	133657	20.0	19.3	
17 Acrolein	56	2.713	2.725	-0.012	98	262472	146.3	141.5	
18 1,1-Dichloroethene	96	2.817	2.835	-0.018	96	109544	20.0	23.9	
19 Acetone	58	2.848	2.866	-0.018	99	205078	250.0	244.0	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.878	2.884	-0.006	86	114768	20.0	21.8	
21 Iodomethane	142	3.000	3.018	-0.018	98	206601	20.0	20.5	
22 Isopropyl alcohol	45	2.988	3.024	-0.036	37	96636	150.0	130.3	M
23 Carbon disulfide	76	3.146	3.152	-0.006	100	364560	20.0	22.4	M
25 Methyl acetate	43	3.195	3.201	-0.006	83	132687	20.0	19.5	
26 3-Chloro-1-propene	41	3.207	3.219	-0.012	85	165522	20.0	20.7	
28 Methylene Chloride	84	3.372	3.384	-0.012	96	118323	20.0	21.5	
* 29 t-Butyl alcohol-d10 (IS)	65	3.433	3.439	-0.006	96	371484	250.0	250.0	
30 2-Methyl-2-propanol	59	3.530	3.518	0.012	99	314244	200.0	221.3	
31 Acrylonitrile	53	3.646	3.652	-0.006	97	330797	100.0	102.0	
32 trans-1,2-Dichloroethene	96	3.707	3.713	-0.006	98	109840	20.0	21.7	
33 Methyl tert-butyl ether	73	3.713	3.713	0.000	91	332325	20.0	20.4	
34 Hexane	57	4.079	4.091	-0.012	95	123639	20.0	21.1	
36 1,1-Dichloroethane	63	4.317	4.323	-0.006	96	203220	20.0	21.9	
38 Isopropyl ether	45	4.384	4.390	-0.006	97	334410	20.0	21.1	
39 2-Chloro-1,3-butadiene	53	4.427	4.439	-0.012	93	172134	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 Tert-butyl ethyl ether	59	4.945	4.963	-0.018	99	321067	20.0	20.8	
42 2-Butanone (MEK)	43	5.189	5.194	-0.005	99	1188775	250.0	236.6	
43 cis-1,2-Dichloroethene	96	5.195	5.207	-0.012	63	124472	20.0	22.1	
44 2,2-Dichloropropane	77	5.213	5.231	-0.018	90	173273	20.0	21.4	
45 Propionitrile	54	5.286	5.298	-0.012	95	219260	150.0	147.6	
46 Methyl acrylate	55	5.323	5.329	-0.006	100	162820	20.0	21.3	
47 Methacrylonitrile	67	5.506	5.511	-0.005	96	487008	150.0	154.1	
48 Chlorobromomethane	128	5.542	5.554	-0.012	82	60459	20.0	21.0	
49 Tetrahydrofuran	71	5.560	5.572	-0.012	86	125335	100.0	93.8	
50 Chloroform	83	5.713	5.725	-0.012	94	201575	20.0	21.1	
52 1,1,1-Trichloroethane	97	5.945	5.944	0.001	61	184374	20.0	22.2	
\$ 51 Dibromofluoromethane (Surr)	113	5.945	5.950	-0.005	93	283581	50.0	50.4	
53 Cyclohexane	56	6.036	6.042	-0.006	93	189092	20.0	22.2	
55 Carbon tetrachloride	117	6.158	6.164	-0.006	80	157520	20.0	21.6	
56 1,1-Dichloropropene	75	6.164	6.170	-0.006	92	153725	20.0	21.5	
57 Isobutyl alcohol	41	6.390	6.402	-0.012	92	225897	500.0	445.7	
\$ 58 1,2-Dichloroethane-d4 (Surr)	102	6.420	6.426	-0.006	82	61525	50.0	50.3	
59 Benzene	78	6.438	6.444	-0.006	96	449259	20.0	21.2	
60 1,2-Dichloroethane	62	6.524	6.536	-0.012	98	163300	20.0	20.9	
62 Tert-amyl methyl ether	73	6.652	6.664	-0.012	98	321118	20.0	21.0	
* 63 Fluorobenzene (IS)	96	6.877	6.883	-0.006	98	1049662	50.0	50.0	
64 n-Heptane	43	6.896	6.908	-0.012	94	115538	20.0	20.9	
65 n-Butanol	56	7.316	7.328	-0.012	93	324227	1000.0	998.4	
66 Trichloroethene	95	7.371	7.377	-0.006	98	118590	20.0	21.7	
67 Ethyl acrylate	55	7.530	7.535	-0.005	98	170444	20.0	20.9	
68 Methylcyclohexane	83	7.682	7.688	-0.006	91	167288	20.0	19.8	
69 1,2-Dichloropropane	63	7.725	7.731	-0.006	95	113278	20.0	21.3	
70 2-ethoxy-2-methyl butane	87	7.755	7.755	0.000	88	143883	20.0	19.9	
72 1,4-Dioxane	88	7.822	7.834	-0.012	81	41923	500.0	476.5	
73 Dibromomethane	93	7.840	7.840	0.000	89	74701	20.0	20.5	
74 Methyl methacrylate	69	7.847	7.846	0.001	92	91186	20.0	20.0	
76 Dichlorobromomethane	83	8.097	8.102	-0.005	99	145353	20.0	20.6	
77 2-Nitropropane	41	8.395	8.401	-0.006	100	47730	20.0	17.8	
78 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	92	76335	20.0	19.8	
79 cis-1,3-Dichloropropene	75	8.682	8.688	-0.006	94	169781	20.0	20.4	
83 4-Methyl-2-pentanone (MIBK)	43	8.895	8.901	-0.006	98	2385186	250.0	248.3	
\$ 84 Toluene-d8 (Surr)	98	9.023	9.029	-0.006	94	1024452	50.0	50.2	
85 Toluene	92	9.115	9.114	0.001	98	280812	20.0	21.3	
86 trans-1,3-Dichloropropene	75	9.432	9.438	-0.006	95	156217	20.0	20.3	
87 Ethyl methacrylate	69	9.517	9.523	-0.006	90	159850	20.0	20.7	
88 1,1,2-Trichloroethane	97	9.657	9.663	-0.006	90	99960	20.0	20.9	
89 Tetrachloroethene	166	9.736	9.736	0.000	98	130140	20.0	22.4	
91 1,3-Dichloropropane	76	9.840	9.840	0.000	93	152570	20.0	20.5	
92 2-Hexanone	43	9.913	9.913	0.000	98	1679948	250.0	244.9	
100 Chlorodibromomethane	129	10.066	10.072	-0.006	90	110481	20.0	19.4	
101 Ethylene Dibromide	107	10.181	10.181	0.000	98	104735	20.0	20.5	
* 128 Chlorobenzene-d5 (IS)	117	10.657	10.657	0.000	85	770869	50.0	50.0	
130 Chlorobenzene	112	10.681	10.687	-0.006	93	303016	20.0	20.9	
129 1-Chlorohexane	91	10.681	10.687	-0.006	66	136733	20.0	22.3	
131 1,1,1,2-Tetrachloroethane	131	10.779	10.779	0.000	94	119913	20.0	21.3	
132 Ethylbenzene	91	10.785	10.785	0.000	99	558972	20.0	21.9	
133 m-Xylene & p-Xylene	106	10.913	10.913	0.000	99	433933	40.0	44.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 n-Butyl acrylate	55	11.230	11.230	0.000	96	242854	20.0	21.1	
136 o-Xylene	106	11.261	11.260	0.001	96	222328	20.0	22.3	
137 Styrene	104	11.279	11.279	0.000	96	351329	20.0	21.7	
138 Bromoform	173	11.437	11.437	0.000	97	86877	20.0	19.3	
139 Isopropylbenzene	105	11.584	11.583	0.001	96	577934	20.0	21.8	
141 Cyclohexanone	55	11.657	11.657	0.000	95	175103	499.9	411.1	
\$ 143 4-Bromofluorobenzene (Surr)	95	11.730	11.730	0.000	95	376674	50.0	50.4	
144 Bromobenzene	156	11.846	11.846	0.000	92	138554	20.0	20.8	
145 1,1,2,2-Tetrachloroethane	83	11.852	11.852	0.000	94	178190	20.0	19.9	
146 trans-1,4-Dichloro-2-butene	53	11.876	11.882	-0.006	94	260808	100.0	99.0	
147 1,2,3-Trichloropropane	110	11.895	11.894	0.001	85	50176	20.0	19.6	
148 N-Propylbenzene	91	11.931	11.931	0.000	99	640206	20.0	21.2	
150 2-Chlorotoluene	126	12.004	12.004	0.000	97	134253	20.0	22.0	
152 1,3,5-Trimethylbenzene	105	12.077	12.077	0.000	95	451879	20.0	21.0	
153 4-Chlorotoluene	126	12.102	12.102	0.000	98	124746	20.0	21.1	
154 tert-Butylbenzene	134	12.327	12.327	0.000	93	75961	20.0	20.4	
156 1,2,4-Trimethylbenzene	105	12.376	12.376	0.000	97	462172	20.0	21.8	
158 sec-Butylbenzene	105	12.504	12.498	0.006	94	523998	20.0	21.1	
159 1,3-Dichlorobenzene	146	12.596	12.595	0.001	98	245356	20.0	21.3	
160 4-Isopropyltoluene	119	12.614	12.614	0.000	97	456399	20.0	20.7	
* 163 1,4-Dichlorobenzene-d4	152	12.657	12.656	0.001	93	443425	50.0	50.0	
164 1,4-Dichlorobenzene	146	12.675	12.675	0.000	95	245488	20.0	20.8	
165 1,2,3-Trimethylbenzene	105	12.687	12.687	0.000	99	469473	20.0	21.0	
166 Benzyl chloride	91	12.754	12.754	0.000	99	339161	20.0	20.3	
167 1,3-Diethylbenzene	119	12.827	12.827	0.000	96	267593	20.0	22.5	
168 p-Diethylbenzene	119	12.900	12.900	0.000	94	276333	20.0	21.6	
169 n-Butylbenzene	92	12.919	12.919	0.000	97	213941	20.0	21.2	
171 1,2-Dichlorobenzene	146	12.943	12.943	0.000	98	248951	20.0	21.1	
172 o-diethylbenzene	119	12.974	12.973	0.001	95	215747	20.0	21.0	
173 1,2-Dibromo-3-Chloropropane	75	13.504	13.504	0.000	85	46312	20.0	18.8	
175 1,3,5-Trichlorobenzene	180	13.632	13.632	0.000	97	173902	20.0	22.6	
176 1,2,4-Trichlorobenzene	180	14.065	14.071	-0.006	94	169878	20.0	22.2	
177 2-Ethylhexyl acrylate	55	14.150	14.150	0.000	83	149313	20.1	21.7	
178 Hexachlorobutadiene	225	14.156	14.156	0.000	93	67128	20.0	20.2	
179 Naphthalene	128	14.254	14.254	0.000	97	627022	20.0	21.2	
180 1,2,3-Trichlorobenzene	180	14.400	14.400	0.000	95	161816	20.0	21.8	
181 2-Methylnaphthalene	142	15.004	15.004	0.000	92	311970	20.0	24.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00233	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00242	Amount Added: 50.00	Units: uL	
MSV_LCS_EE_00011	Amount Added: 50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00263	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00240	Amount Added: 50.00	Units: uL	
MSV_Q_Acr_Std_00012	Amount Added: 2.00	Units: uL	
MSV_Cent_ISSS_00041	Amount Added: 5.00	Units: uL	Run Reagent

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X19.D

Operator ID: knk41612

Worklist Smp#: 20

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

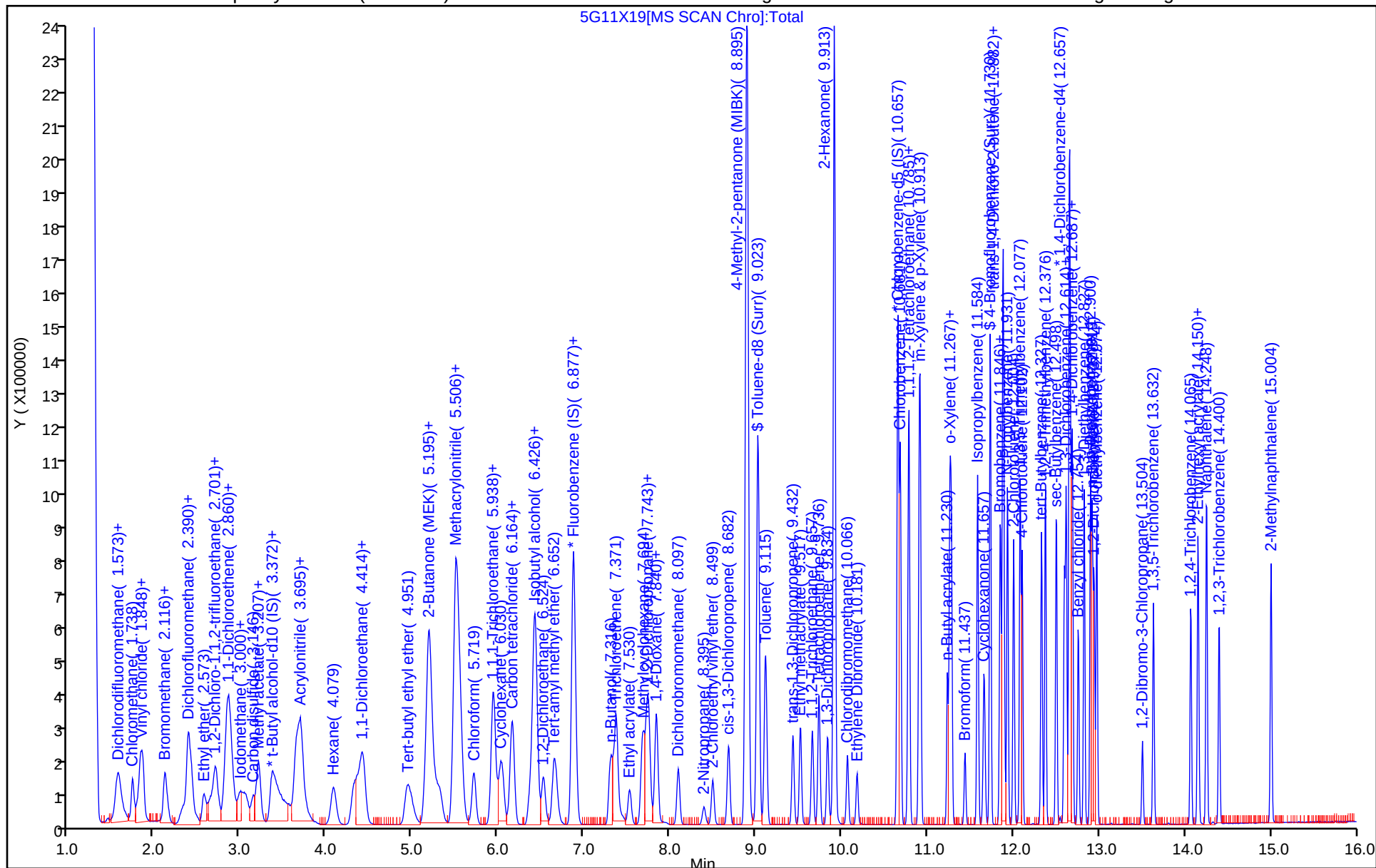
ALS Bottle#: 19

Method: MSVoa 26285a

Limit Group: MSV - 8260C D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



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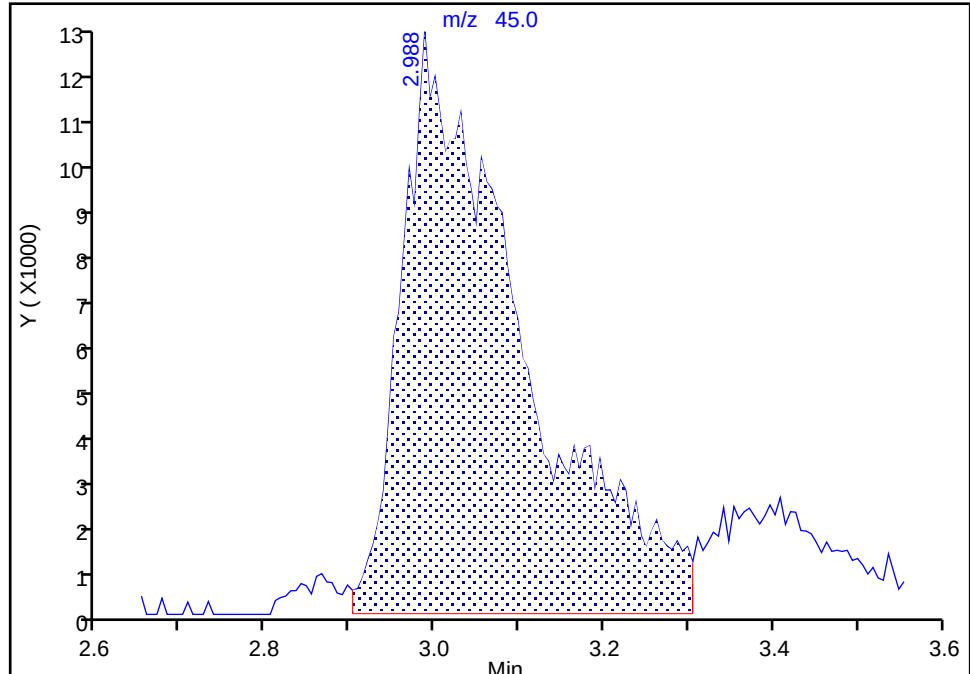
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Injection Date: 11-Aug-2025 21:42:30 Instrument ID: 26285
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

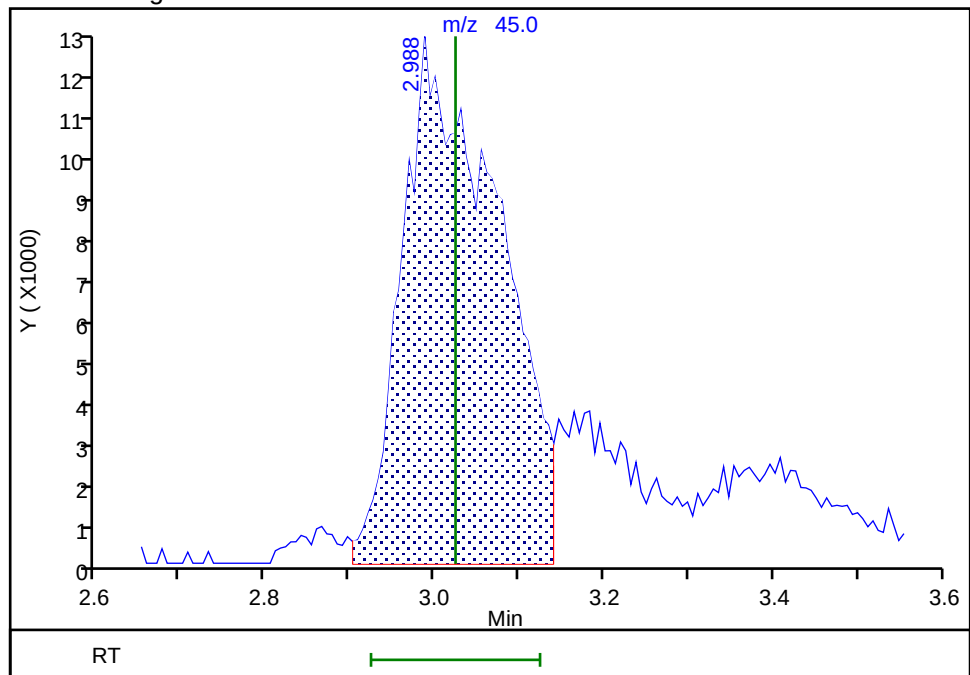
RT: 2.99
Area: 119296
Amount: 160.8215
Amount Units: ug/l

Processing Integration Results



RT: 2.99
Area: 96636
Amount: 130.2738
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:12:42 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

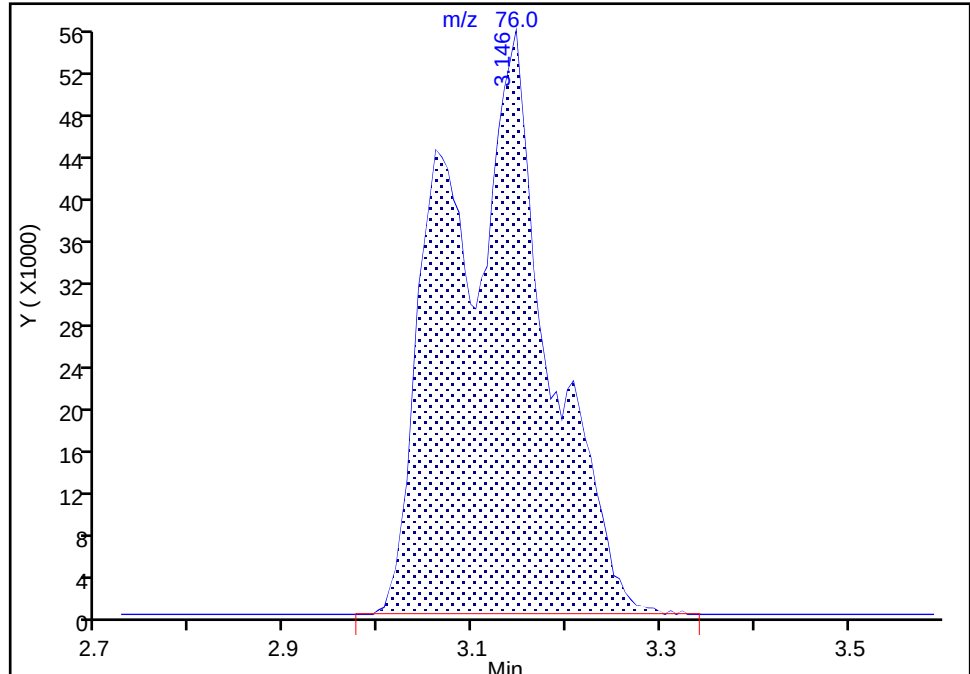
Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X19.D
Injection Date: 11-Aug-2025 21:42:30 Instrument ID: 26285
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

23 Carbon disulfide, CAS: 75-15-0

Signal: 1

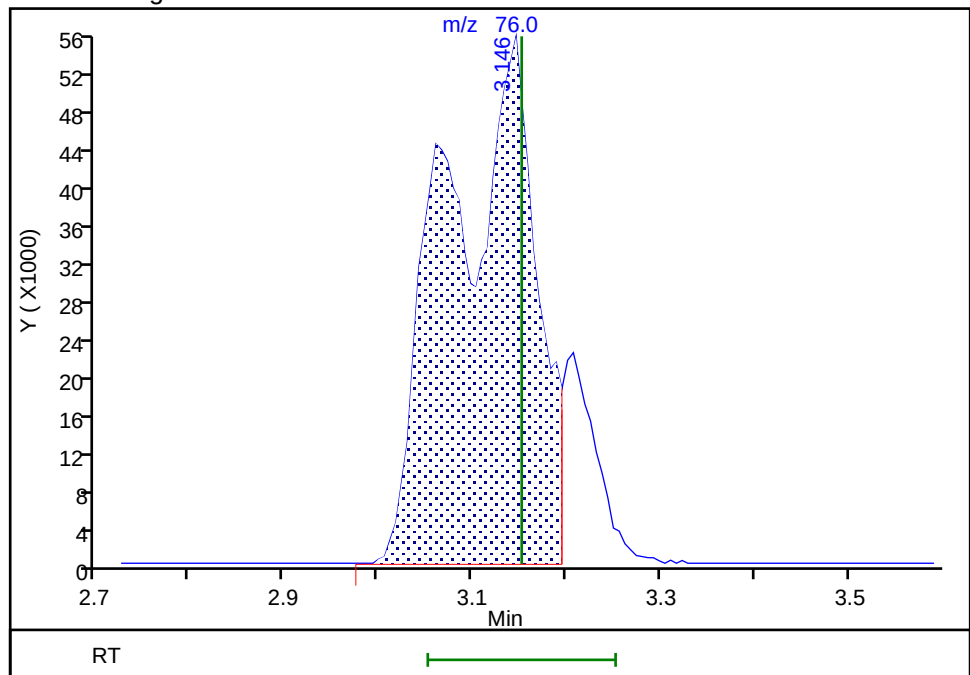
RT: 3.15
Area: 414505
Amount: 24.979172
Amount Units: ug/l

Processing Integration Results



RT: 3.15
Area: 364560
Amount: 22.447443
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 11-Aug-2025 23:12:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

FORM VII

Lab Name: Eurofins Lancaster Laboratories

Job No.: 410-244152-1

SDG No. :

Lab Sample ID: CCVIS 410-710460/3

Calibration Date: 10/07/2025 22:27

Instrument ID: 26285

Calib Start Date: 08/11/2025 15:55

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 17:37

Lab File ID: 5C07X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Ethanol	Ave	0.0636	0.0645		1270	1250	1.4	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Oct-2025 22:27:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-003
 Misc. Info.: CCVIS
 Operator ID: KEL87800 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub47
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 13:57:54 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:57:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.598	1.598	0.000	99	602168	50.0	45.4	
5 Chloromethane	50	1.750	1.750	0.000	99	525376	50.0	41.6	
7 Butadiene	39	1.829	1.829	0.000	97	569963	50.0	52.5	
6 Vinyl chloride	62	1.860	1.860	0.000	98	482933	50.0	43.5	
10 Bromomethane	94	2.134	2.134	0.000	93	340414	50.0	46.3	
11 Chloroethane	64	2.177	2.177	0.000	98	256134	50.0	48.0	
12 Dichlorofluoromethane	67	2.384	2.384	0.000	97	771071	50.0	45.7	
14 Trichlorofluoromethane	101	2.427	2.427	0.000	96	705869	50.0	50.9	
13 Pentane	43	2.445	2.445	0.000	94	449085	50.0	49.5	
15 Ethanol	45	2.543	2.543	0.000	30	121675	1249.9	1267.7	Ma
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.713	2.713	0.000	92	412792	50.0	49.6	
18 Acrolein	56	2.762	2.762	0.000	97	1084495	487.9	575.5	
19 1,1-Dichloroethene	96	2.884	2.884	0.000	96	269685	50.0	49.1	
20 Acetone	58	2.902	2.902	0.000	97	100193	100.0	117.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.921	2.921	0.000	91	308874	50.0	48.9	
23 Isopropyl alcohol	45	3.055	3.055	0.000	43	176537	250.0	234.2	
22 Iodomethane	142	3.061	3.061	0.000	100	566967	50.0	47.0	
24 Carbon disulfide	76	3.128	3.128	0.000	100	844451	50.0	43.4	M
26 Methyl acetate	43	3.256	3.256	0.000	99	380435	50.0	46.6	
28 3-Chloro-1-propene	41	3.268	3.268	0.000	87	460174	50.0	48.0	
29 Methylene Chloride	84	3.445	3.445	0.000	95	321937	50.0	48.8	
* 30 t-Butyl alcohol-d10 (IS)	65	3.469	3.469	0.000	84	377489	250.0	250.0	
31 2-Methyl-2-propanol	59	3.555	3.555	0.000	98	299475	250.0	207.5	
32 Acrylonitrile	53	3.713	3.713	0.000	97	491473	125.0	126.4	
33 trans-1,2-Dichloroethene	96	3.774	3.774	0.000	97	307800	50.0	50.7	
34 Methyl tert-butyl ether	73	3.786	3.786	0.000	97	940906	50.0	48.2	
35 Hexane	57	4.158	4.158	0.000	95	374655	50.0	51.7	
37 1,1-Dichloroethane	63	4.396	4.396	0.000	98	558464	50.0	50.3	
38 Isopropyl ether	45	4.463	4.463	0.000	93	903564	50.0	47.5	
40 2-Chloro-1,3-butadiene	53	4.512	4.512	0.000	94	488261	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.030	5.030	0.000	98	841862	50.0	45.5	
42 2-Butanone (MEK)	43	5.249	5.249	0.000	99	569020	100.0	94.5	
43 cis-1,2-Dichloroethene	96	5.268	5.268	0.000	85	338590	50.0	50.2	
44 2,2-Dichloropropane	77	5.280	5.280	0.000	91	508225	50.0	52.3	
46 Propionitrile	54	5.341	5.341	0.000	96	395644	250.0	262.0	
48 Methacrylonitrile	67	5.566	5.566	0.000	95	469875	125.0	124.0	
49 Chlorobromomethane	128	5.609	5.609	0.000	80	182803	50.0	53.0	
50 Tetrahydrofuran	71	5.609	5.609	0.000	87	373618	250.0	275.0	
51 Chloroform	83	5.774	5.774	0.000	94	597390	50.0	52.2	
52 1,1,1-Trichloroethane	97	5.993	5.993	0.000	99	528913	50.0	53.1	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.993	0.000	93	345783	50.0	51.2	
54 Cyclohexane	56	6.078	6.078	0.000	93	486436	50.0	47.7	
56 Carbon tetrachloride	117	6.200	6.200	0.000	97	485304	50.0	55.5	
57 1,1-Dichloropropene	75	6.213	6.213	0.000	94	439650	50.0	51.4	
58 Isobutyl alcohol	41	6.432	6.432	0.000	90	324470	625.0	630.0	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.456	6.456	0.000	91	76108	50.0	51.9	
60 Benzene	78	6.481	6.481	0.000	98	1254448	50.0	49.4	
61 1,2-Dichloroethane	62	6.566	6.566	0.000	98	497832	50.0	53.1	
63 Tert-amyl methyl ether	73	6.694	6.694	0.000	97	809431	50.0	44.2	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1258452	50.0	50.0	
65 n-Heptane	43	6.932	6.932	0.000	91	403811	50.0	58.2	
66 n-Butanol	56	7.334	7.334	0.000	92	205469	625.0	622.6	
67 Trichloroethene	95	7.401	7.401	0.000	97	335973	50.0	51.2	
69 Methylcyclohexane	83	7.706	7.706	0.000	91	541937	50.0	51.9	
70 1,2-Dichloropropane	63	7.749	7.749	0.000	94	315731	50.0	49.6	
71 2-ethoxy-2-methyl butane	87	7.773	7.773	0.000	92	425303	50.0	49.0	
73 1,4-Dioxane	88	7.834	7.834	0.000	42	59407	625.0	664.4	
74 Dibromomethane	93	7.853	7.853	0.000	93	223246	50.0	51.2	
75 Methyl methacrylate	69	7.859	7.859	0.000	91	256191	50.0	46.8	
77 Dichlorobromomethane	83	8.109	8.109	0.000	98	443134	50.0	52.5	
78 2-Nitropropane	41	8.401	8.401	0.000	99	787184	250.0	288.6	
80 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	94	199770	50.0	43.2	
81 cis-1,3-Dichloropropene	75	8.682	8.682	0.000	93	505507	50.0	50.7	
82 4-Methyl-2-pentanone (MIBK)	43	8.889	8.889	0.000	98	1101574	100.0	95.7	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	94	1215294	50.0	52.1	
86 Toluene	92	9.108	9.108	0.000	98	788432	50.0	52.4	
87 trans-1,3-Dichloropropene	75	9.413	9.413	0.000	96	450530	50.0	51.1	
88 Ethyl methacrylate	69	9.499	9.499	0.000	89	411742	50.0	46.7	
89 1,1,2-Trichloroethane	97	9.639	9.639	0.000	93	280460	50.0	51.2	
90 Tetrachloroethene	166	9.712	9.712	0.000	98	385836	50.0	58.2	
91 1,3-Dichloropropane	76	9.809	9.809	0.000	94	438625	50.0	51.5	
93 2-Hexanone	43	9.883	9.883	0.000	98	766067	100.0	97.7	
102 Chlorodibromomethane	129	10.035	10.035	0.000	89	365141	50.0	56.1	
104 Ethylene Dibromide	107	10.151	10.151	0.000	99	288785	50.0	49.3	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	85	881362	50.0	50.0	
115 1-Chlorohexane	91	10.639	10.639	0.000	68	385041	50.0	55.0	
114 Chlorobenzene	112	10.645	10.645	0.000	93	886588	50.0	53.5	
133 1,1,1,2-Tetrachloroethane	131	10.736	10.736	0.000	95	353636	50.0	54.9	
134 Ethylbenzene	91	10.742	10.742	0.000	99	1520769	50.0	52.1	
135 m-Xylene & p-Xylene	106	10.864	10.864	0.000	99	1222415	100.0	109.7	
138 o-Xylene	106	11.212	11.212	0.000	96	632709	50.0	55.5	
139 Styrene	104	11.230	11.230	0.000	95	979037	50.0	53.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 Bromoform	173	11.382	11.382	0.000	97	279700	50.0	54.4	
142 Isopropylbenzene	105	11.529	11.529	0.000	96	1668707	50.0	55.1	
144 Cyclohexanone	55	11.602	11.602	0.000	94	252840	625.0	584.2	a
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	96	433607	50.0	50.7	
147 Bromobenzene	156	11.785	11.785	0.000	96	410065	50.0	49.2	
148 1,1,2,2-Tetrachloroethane	83	11.791	11.791	0.000	95	506754	50.0	45.3	
149 trans-1,4-Dichloro-2-butene	53	11.815	11.815	0.000	91	262928	125.0	79.8	
150 1,2,3-Trichloropropane	110	11.833	11.833	0.000	85	153284	50.0	47.8	
151 N-Propylbenzene	91	11.870	11.870	0.000	99	1912803	50.0	50.6	
152 2-Chlorotoluene	126	11.943	11.943	0.000	96	398016	50.0	52.2	
153 1,3,5-Trimethylbenzene	105	12.016	12.016	0.000	94	1439724	50.0	53.6	
154 4-Chlorotoluene	126	12.041	12.041	0.000	98	387753	50.0	52.4	
156 tert-Butylbenzene	134	12.260	12.260	0.000	94	272121	50.0	58.4	
158 1,2,4-Trimethylbenzene	105	12.303	12.303	0.000	98	1478383	50.0	55.7	
160 sec-Butylbenzene	105	12.431	12.431	0.000	95	1817289	50.0	58.5	
161 1,3-Dichlorobenzene	146	12.522	12.522	0.000	99	785668	50.0	54.6	
162 4-Isopropyltoluene	119	12.547	12.547	0.000	97	1634069	50.0	59.2	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	93	554640	50.0	50.0	
166 1,4-Dichlorobenzene	146	12.602	12.602	0.000	95	800252	50.0	54.3	
167 1,2,3-Trimethylbenzene	105	12.614	12.614	0.000	99	1503122	50.0	53.8	
168 Benzyl chloride	91	12.681	12.681	0.000	99	1025239	50.0	49.2	
169 1,3-Diethylbenzene	119	12.748	12.748	0.000	95	876377	50.0	59.0	
170 p-Diethylbenzene	119	12.821	12.821	0.000	94	970036	50.0	60.7	
171 n-Butylbenzene	92	12.839	12.839	0.000	97	764877	50.0	60.7	
172 1,2-Dichlorobenzene	146	12.864	12.864	0.000	99	809781	50.0	54.8	
173 o-diethylbenzene	119	12.894	12.894	0.000	96	776418	50.0	60.5	
175 1,2-Dibromo-3-Chloropropane	75	13.419	13.419	0.000	84	150934	50.0	48.9	
177 1,3,5-Trichlorobenzene	180	13.547	13.547	0.000	98	618191	50.0	64.1	
178 1,2,4-Trichlorobenzene	180	13.979	13.979	0.000	94	567025	50.0	59.3	
180 Hexachlorobutadiene	225	14.065	14.065	0.000	93	264086	50.0	62.2	
181 Naphthalene	128	14.162	14.162	0.000	97	2000699	50.0	54.2	
182 1,2,3-Trichlorobenzene	180	14.303	14.303	0.000	96	561985	50.0	60.5	
183 2-Methylnaphthalene	142	14.900	14.900	0.000	92	958505	50.0	59.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 10.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_Cent_ISSS_00043	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 13:57:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D

Injection Date: 07-Oct-2025 22:27:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

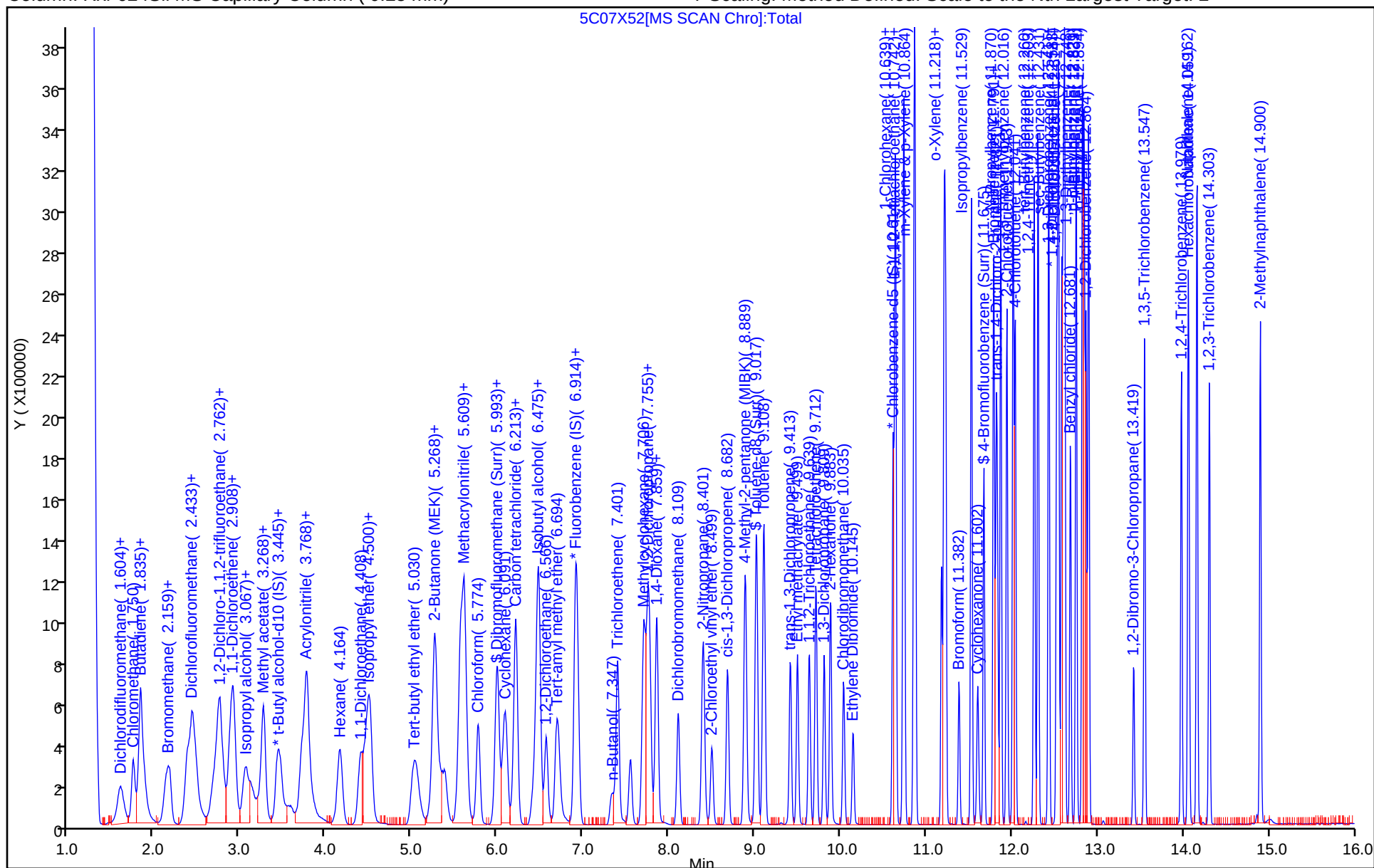
ALS Bottle#: 2

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

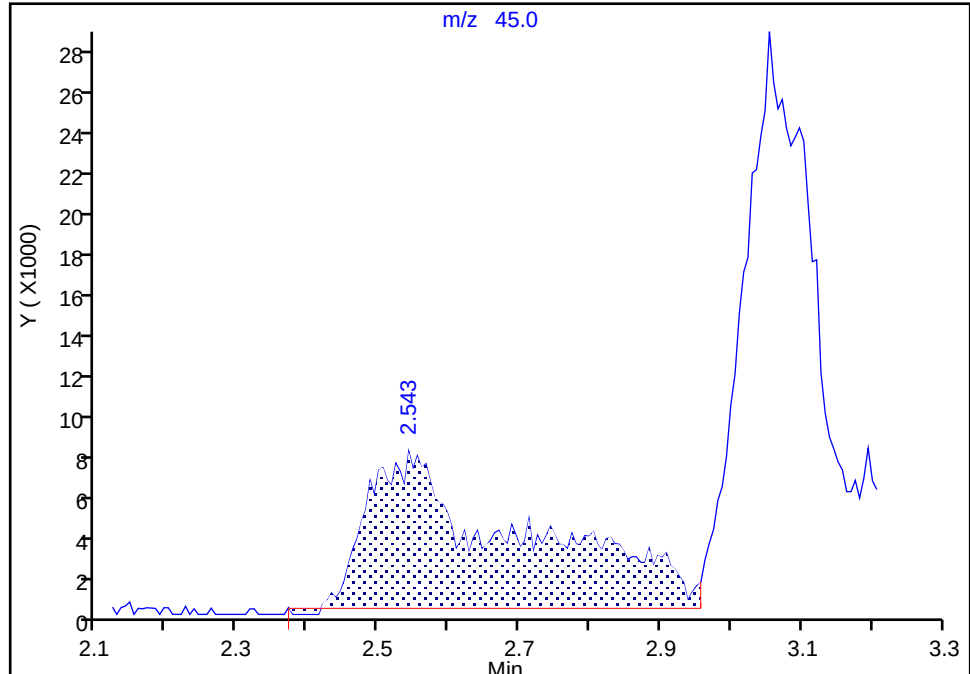
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D
Injection Date: 07-Oct-2025 22:27:30 Instrument ID: 26285
Lims ID: CCVIS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

15 Ethanol, CAS: 64-17-5

Signal: 1

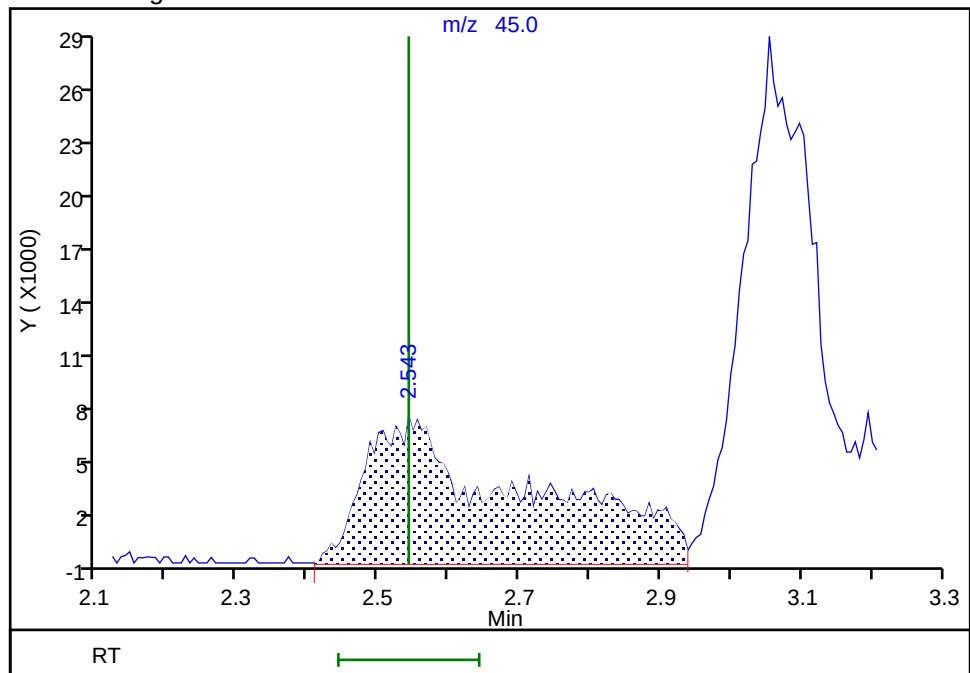
RT: 2.54
Area: 111049
Amount: 1156.9917
Amount Units: ug/l

Processing Integration Results



RT: 2.54
Area: 121675
Amount: 1267.7013
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 07-Oct-2025 22:58:42 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-710460/3

Calibration Date: 10/07/2025 22:27

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5C07X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5275	0.4785	0.1000	45.4	50.0	-9.3	20.0
Chloromethane	Ave	0.5015	0.4175	0.1000	41.6	50.0	-16.7	20.0
1,3-Butadiene	Ave	0.4316	0.4529		52.5	50.0	4.9	20.0
Vinyl chloride	Ave	0.4412	0.3838	0.1000	43.5	50.0	-13.0	20.0
Bromomethane	Ave	0.2920	0.2705	0.1000	46.3	50.0	-7.4	20.0
Chloroethane	Ave	0.2122	0.2035	0.1000	48.0	50.0	-4.1	20.0
Dichlorofluoromethane	Ave	0.6702	0.6127		45.7	50.0	-8.6	20.0
Trichlorofluoromethane	Ave	0.5507	0.5609	0.1000	50.9	50.0	1.9	20.0
n-Pentane	Ave	0.3607	0.3569		49.5	50.0	-1.1	20.0
Freon 123a	Ave	0.3306	0.3280		49.6	50.0	-0.8	20.0
Acrolein	Ave	1.248	1.472		575	488	17.9	20.0
1,1-Dichloroethene	Ave	0.2183	0.2143	0.1000	49.1	50.0	-1.9	20.0
Acetone	Ave	0.5656	0.6635	0.1000	117	100	17.3	20.0
Freon 113	Ave	0.2509	0.2454	0.1000	48.9	50.0	-2.2	20.0
2-Propanol	Ave	0.4992	0.4677		234	250	-6.3	20.0
Methyl iodide	Ave	0.4794	0.4505		47.0	50.0	-6.0	20.0
Carbon disulfide	Ave	0.7736	0.6710	0.1000	43.4	50.0	-13.3	20.0
Methyl acetate	Ave	0.3245	0.3023	0.1000	46.6	50.0	-6.8	20.0
Allyl chloride	Ave	0.3808	0.3657		48.0	50.0	-4.0	20.0
Methylene Chloride	Ave	0.2622	0.2558	0.1000	48.8	50.0	-2.4	20.0
t-Butyl alcohol	Ave	0.9556	0.7933		208	250	-17.0	20.0
Acrylonitrile	Ave	0.1545	0.1562		126	125	1.1	20.0
trans-1,2-Dichloroethene	Ave	0.2412	0.2446	0.1000	50.7	50.0	1.4	20.0
Methyl tert-butyl ether	Ave	0.7762	0.7477	0.1000	48.2	50.0	-3.7	20.0
n-Hexane	Lin1		0.2977		51.7	50.0	3.5	20.0
1,1-Dichloroethane	Ave	0.4411	0.4438	0.2000	50.3	50.0	0.6	20.0
Isopropyl ether	Ave	0.7551	0.7180		47.5	50.0	-4.9	20.0
2-Chloro-1,3-butadiene	Ave	0.3822	0.3880		50.8	50.0	1.5	20.0
Ethyl t-butyl ether	Ave	0.7346	0.6690		45.5	50.0	-8.9	20.0
2-Butanone (MEK)	Ave	0.2394	0.2261	0.1000	94.5	100	-5.5	20.0
cis-1,2-Dichloroethene	Ave	0.2681	0.2691	0.1000	50.2	50.0	0.4	20.0
2,2-Dichloropropane	Ave	0.3864	0.4038		52.3	50.0	4.5	20.0
Propionitrile	Ave	1.000	1.048		262	250	4.8	20.0
Methacrylonitrile	Ave	0.1506	0.1494		124	125	-0.8	20.0
Bromochloromethane	Ave	0.1369	0.1453		53.0	50.0	6.1	20.0
Tetrahydrofuran	Ave	0.8996	0.9897		275	250	10.0	20.0
Chloroform	Ave	0.4548	0.4747	0.2000	52.2	50.0	4.4	20.0
1,1,1-Trichloroethane	Ave	0.3961	0.4203	0.1000	53.1	50.0	6.1	20.0
Cyclohexane	Ave	0.4052	0.3865	0.1000	47.7	50.0	-4.6	20.0
Carbon tetrachloride	Ave	0.3473	0.3856	0.1000	55.5	50.0	11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-710460/3

Calibration Date: 10/07/2025 22:27

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5C07X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3400	0.3494		51.4	50.0	2.8	20.0
Isobutyl alcohol	Ave	0.3411	0.3438		630	625	0.8	20.0
Benzene	Ave	1.010	0.997	0.5000	49.4	50.0	-1.3	20.0
1,2-Dichloroethane	Ave	0.3724	0.3956	0.1000	53.1	50.0	6.2	20.0
t-Amyl methyl ether	Ave	0.7278	0.6432		44.2	50.0	-11.6	20.0
n-Heptane	Linl		0.3209		58.2	50.0	16.4	20.0
n-Butanol	Ave	0.2186	0.2177		623	625	-0.4	20.0
Trichloroethene	Ave	0.2606	0.2670	0.2000	51.2	50.0	2.4	20.0
Methylcyclohexane	Linl		0.4306	0.1000	51.9	50.0	3.8	20.0
1,2-Dichloropropane	Ave	0.2531	0.2509	0.1000	49.6	50.0	-0.9	20.0
t-Amyl ethyl ether	Ave	0.3449	0.3380		49.0	50.0	-2.0	20.0
1,4-Dioxane	Ave	0.0592	0.0629	0.0050	664	625	6.3	20.0
Dibromomethane	Ave	0.1732	0.1774		51.2	50.0	2.4	20.0
Methyl methacrylate	Ave	0.2176	0.2036		46.8	50.0	-6.5	20.0
Bromodichloromethane	Ave	0.3353	0.3521	0.2000	52.5	50.0	5.0	20.0
2-Nitropropane	Ave	1.807	2.085		289	250	15.4	20.0
2-Chloroethyl vinyl ether	Ave	0.1837	0.1587		43.2	50.0	-13.6	20.0
cis-1,3-Dichloropropene	Ave	0.3963	0.4017	0.2000	50.7	50.0	1.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4575	0.4377	0.1000	95.7	100	-4.3	20.0
Toluene	Ave	0.8539	0.8946	0.4000	52.4	50.0	4.8	20.0
trans-1,3-Dichloropropene	Ave	0.5003	0.5112	0.1000	51.1	50.0	2.2	20.0
Ethyl methacrylate	Ave	0.4998	0.4672		46.7	50.0	-6.5	20.0
1,1,2-Trichloroethane	Ave	0.3109	0.3182	0.1000	51.2	50.0	2.4	20.0
Tetrachloroethene	Ave	0.3761	0.4378	0.2000	58.2	50.0	16.4	20.0
1,3-Dichloropropane	Ave	0.4830	0.4977		51.5	50.0	3.0	20.0
2-Hexanone	Ave	0.4449	0.4346	0.1000	97.7	100	-2.3	20.0
Dibromochloromethane	Ave	0.3693	0.4143		56.1	50.0	12.2	20.0
1,2-Dibromoethane (EDB)	Ave	0.3320	0.3277	0.1000	49.3	50.0	-1.3	20.0
1-Chlorohexane	Ave	0.3974	0.4369		55.0	50.0	9.9	20.0
Chlorobenzene	Ave	0.9399	1.006	0.5000	53.5	50.0	7.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3654	0.4012		54.9	50.0	9.8	20.0
Ethylbenzene	Ave	1.654	1.725	0.1000	52.1	50.0	4.3	20.0
m&p-Xylene	Ave	0.6321	0.6935	0.1000	110	100	9.7	20.0
o-Xylene	Ave	0.6469	0.7179	0.3000	55.5	50.0	11.0	20.0
Styrene	Ave	1.049	1.111	0.3000	53.0	50.0	5.9	20.0
Bromoform	Ave	0.2919	0.3173	0.1000	54.4	50.0	8.7	20.0
Isopropylbenzene	Ave	1.718	1.893	0.1000	55.1	50.0	10.2	20.0
Cyclohexanone	Ave	0.2866	0.2679		584	625	-6.5	20.0
Bromobenzene	Ave	0.7507	0.7393		49.2	50.0	-1.5	20.0
1,1,2,2-Tetrachloroethane	Ave	1.009	0.9137	0.3000	45.3	50.0	-9.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-710460/3

Calibration Date: 10/07/2025 22:27

Instrument ID: 26285

Calib Start Date: 08/11/2025 18:58

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 08/11/2025 21:01

Lab File ID: 5C07X52.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
trans-1,4-Dichloro-2-butene	Ave	0.2970	0.1896		79.8	125	-36.2*	20.0
1,2,3-Trichloropropane	Ave	0.2893	0.2764		47.8	50.0	-4.5	20.0
N-Propylbenzene	Ave	3.406	3.449		50.6	50.0	1.2	20.0
2-Chlorotoluene	Ave	0.6870	0.7176		52.2	50.0	4.5	20.0
1,3,5-Trimethylbenzene	Ave	2.422	2.596		53.6	50.0	7.2	20.0
4-Chlorotoluene	Ave	0.6665	0.6991		52.4	50.0	4.9	20.0
tert-Butylbenzene	Ave	0.4197	0.4906		58.4	50.0	16.9	20.0
1,2,4-Trimethylbenzene	Ave	2.393	2.665		55.7	50.0	11.4	20.0
sec-Butylbenzene	Ave	2.803	3.277		58.5	50.0	16.9	20.0
1,3-Dichlorobenzene	Ave	1.297	1.417	0.6000	54.6	50.0	9.2	20.0
p-Isopropyltoluene	Ave	2.488	2.946		59.2	50.0	18.4	20.0
1,4-Dichlorobenzene	Ave	1.329	1.443	0.5000	54.3	50.0	8.6	20.0
1,2,3-Trimethylbenzene	Ave	2.518	2.710		53.8	50.0	7.6	20.0
Benzyl chloride	Ave	1.880	1.848		49.2	50.0	-1.7	20.0
1,3-Diethylbenzene	Ave	1.340	1.580		59.0	50.0	17.9	20.0
1,4-Diethylbenzene	Ave	1.440	1.749		60.7	50.0	21.5*	20.0
n-Butylbenzene	Ave	1.136	1.379		60.7	50.0	21.4*	20.0
1,2-Dichlorobenzene	Ave	1.332	1.460	0.4000	54.8	50.0	9.6	20.0
1,2-Diethylbenzene	Ave	1.156	1.400		60.5	50.0	21.1*	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2785	0.2721	0.0500	48.9	50.0	-2.3	20.0
1,3,5-Trichlorobenzene	Ave	0.8689	1.115		64.1	50.0	28.3*	20.0
1,2,4-Trichlorobenzene	Ave	0.8621	1.022	0.2000	59.3	50.0	18.6	20.0
Hexachlorobutadiene	Linl		0.4761		62.2	50.0	24.3*	20.0
Naphthalene	Ave	3.330	3.607		54.2	50.0	8.3	20.0
1,2,3-Trichlorobenzene	Ave	0.8370	1.013		60.5	50.0	21.1*	20.0
2-Methylnaphthalene	Ave	1.454	1.728		59.4	50.0	18.8	20.0
Dibromofluoromethane (Surr)	Ave	0.2682	0.2748		51.2	50.0	2.4	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0583	0.0605		51.9	50.0	3.7	
Toluene-d8 (Surr)	Ave	1.322	1.379		52.1	50.0	4.3	
4-Bromofluorobenzene (Surr)	Ave	0.4848	0.4920		50.7	50.0	1.5	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 07-Oct-2025 22:27:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-003
 Misc. Info.: CCVIS
 Operator ID: KEL87800 Instrument ID: 26285
 Sublist: chrom-MSVoa_26285a*sub47
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 13:57:54 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:57:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.598	1.598	0.000	99	602168	50.0	45.4	
5 Chloromethane	50	1.750	1.750	0.000	99	525376	50.0	41.6	
7 Butadiene	39	1.829	1.829	0.000	97	569963	50.0	52.5	
6 Vinyl chloride	62	1.860	1.860	0.000	98	482933	50.0	43.5	
10 Bromomethane	94	2.134	2.134	0.000	93	340414	50.0	46.3	
11 Chloroethane	64	2.177	2.177	0.000	98	256134	50.0	48.0	
12 Dichlorofluoromethane	67	2.384	2.384	0.000	97	771071	50.0	45.7	
14 Trichlorofluoromethane	101	2.427	2.427	0.000	96	705869	50.0	50.9	
13 Pentane	43	2.445	2.445	0.000	94	449085	50.0	49.5	
15 Ethanol	45	2.543	2.543	0.000	30	121675	1249.9	1267.7	Ma
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.713	2.713	0.000	92	412792	50.0	49.6	
18 Acrolein	56	2.762	2.762	0.000	97	1084495	487.9	575.5	
19 1,1-Dichloroethene	96	2.884	2.884	0.000	96	269685	50.0	49.1	
20 Acetone	58	2.902	2.902	0.000	97	100193	100.0	117.3	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.921	2.921	0.000	91	308874	50.0	48.9	
23 Isopropyl alcohol	45	3.055	3.055	0.000	43	176537	250.0	234.2	
22 Iodomethane	142	3.061	3.061	0.000	100	566967	50.0	47.0	
24 Carbon disulfide	76	3.128	3.128	0.000	100	844451	50.0	43.4	M
26 Methyl acetate	43	3.256	3.256	0.000	99	380435	50.0	46.6	
28 3-Chloro-1-propene	41	3.268	3.268	0.000	87	460174	50.0	48.0	
29 Methylene Chloride	84	3.445	3.445	0.000	95	321937	50.0	48.8	
* 30 t-Butyl alcohol-d10 (IS)	65	3.469	3.469	0.000	84	377489	250.0	250.0	
31 2-Methyl-2-propanol	59	3.555	3.555	0.000	98	299475	250.0	207.5	
32 Acrylonitrile	53	3.713	3.713	0.000	97	491473	125.0	126.4	
33 trans-1,2-Dichloroethene	96	3.774	3.774	0.000	97	307800	50.0	50.7	
34 Methyl tert-butyl ether	73	3.786	3.786	0.000	97	940906	50.0	48.2	
35 Hexane	57	4.158	4.158	0.000	95	374655	50.0	51.7	
37 1,1-Dichloroethane	63	4.396	4.396	0.000	98	558464	50.0	50.3	
38 Isopropyl ether	45	4.463	4.463	0.000	93	903564	50.0	47.5	
40 2-Chloro-1,3-butadiene	53	4.512	4.512	0.000	94	488261	50.0	50.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.030	5.030	0.000	98	841862	50.0	45.5	
42 2-Butanone (MEK)	43	5.249	5.249	0.000	99	569020	100.0	94.5	
43 cis-1,2-Dichloroethene	96	5.268	5.268	0.000	85	338590	50.0	50.2	
44 2,2-Dichloropropane	77	5.280	5.280	0.000	91	508225	50.0	52.3	
46 Propionitrile	54	5.341	5.341	0.000	96	395644	250.0	262.0	
48 Methacrylonitrile	67	5.566	5.566	0.000	95	469875	125.0	124.0	
49 Chlorobromomethane	128	5.609	5.609	0.000	80	182803	50.0	53.0	
50 Tetrahydrofuran	71	5.609	5.609	0.000	87	373618	250.0	275.0	
51 Chloroform	83	5.774	5.774	0.000	94	597390	50.0	52.2	
52 1,1,1-Trichloroethane	97	5.993	5.993	0.000	99	528913	50.0	53.1	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.993	0.000	93	345783	50.0	51.2	
54 Cyclohexane	56	6.078	6.078	0.000	93	486436	50.0	47.7	
56 Carbon tetrachloride	117	6.200	6.200	0.000	97	485304	50.0	55.5	
57 1,1-Dichloropropene	75	6.213	6.213	0.000	94	439650	50.0	51.4	
58 Isobutyl alcohol	41	6.432	6.432	0.000	90	324470	625.0	630.0	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.456	6.456	0.000	91	76108	50.0	51.9	
60 Benzene	78	6.481	6.481	0.000	98	1254448	50.0	49.4	
61 1,2-Dichloroethane	62	6.566	6.566	0.000	98	497832	50.0	53.1	
63 Tert-amyl methyl ether	73	6.694	6.694	0.000	97	809431	50.0	44.2	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1258452	50.0	50.0	
65 n-Heptane	43	6.932	6.932	0.000	91	403811	50.0	58.2	
66 n-Butanol	56	7.334	7.334	0.000	92	205469	625.0	622.6	
67 Trichloroethene	95	7.401	7.401	0.000	97	335973	50.0	51.2	
69 Methylcyclohexane	83	7.706	7.706	0.000	91	541937	50.0	51.9	
70 1,2-Dichloropropane	63	7.749	7.749	0.000	94	315731	50.0	49.6	
71 2-ethoxy-2-methyl butane	87	7.773	7.773	0.000	92	425303	50.0	49.0	
73 1,4-Dioxane	88	7.834	7.834	0.000	42	59407	625.0	664.4	
74 Dibromomethane	93	7.853	7.853	0.000	93	223246	50.0	51.2	
75 Methyl methacrylate	69	7.859	7.859	0.000	91	256191	50.0	46.8	
77 Dichlorobromomethane	83	8.109	8.109	0.000	98	443134	50.0	52.5	
78 2-Nitropropane	41	8.401	8.401	0.000	99	787184	250.0	288.6	
80 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	94	199770	50.0	43.2	
81 cis-1,3-Dichloropropene	75	8.682	8.682	0.000	93	505507	50.0	50.7	
82 4-Methyl-2-pentanone (MIBK)	43	8.889	8.889	0.000	98	1101574	100.0	95.7	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	94	1215294	50.0	52.1	
86 Toluene	92	9.108	9.108	0.000	98	788432	50.0	52.4	
87 trans-1,3-Dichloropropene	75	9.413	9.413	0.000	96	450530	50.0	51.1	
88 Ethyl methacrylate	69	9.499	9.499	0.000	89	411742	50.0	46.7	
89 1,1,2-Trichloroethane	97	9.639	9.639	0.000	93	280460	50.0	51.2	
90 Tetrachloroethene	166	9.712	9.712	0.000	98	385836	50.0	58.2	
91 1,3-Dichloropropane	76	9.809	9.809	0.000	94	438625	50.0	51.5	
93 2-Hexanone	43	9.883	9.883	0.000	98	766067	100.0	97.7	
102 Chlorodibromomethane	129	10.035	10.035	0.000	89	365141	50.0	56.1	
104 Ethylene Dibromide	107	10.151	10.151	0.000	99	288785	50.0	49.3	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	85	881362	50.0	50.0	
115 1-Chlorohexane	91	10.639	10.639	0.000	68	385041	50.0	55.0	
114 Chlorobenzene	112	10.645	10.645	0.000	93	886588	50.0	53.5	
133 1,1,1,2-Tetrachloroethane	131	10.736	10.736	0.000	95	353636	50.0	54.9	
134 Ethylbenzene	91	10.742	10.742	0.000	99	1520769	50.0	52.1	
135 m-Xylene & p-Xylene	106	10.864	10.864	0.000	99	1222415	100.0	109.7	
138 o-Xylene	106	11.212	11.212	0.000	96	632709	50.0	55.5	
139 Styrene	104	11.230	11.230	0.000	95	979037	50.0	53.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 Bromoform	173	11.382	11.382	0.000	97	279700	50.0	54.4	
142 Isopropylbenzene	105	11.529	11.529	0.000	96	1668707	50.0	55.1	
144 Cyclohexanone	55	11.602	11.602	0.000	94	252840	625.0	584.2	a
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	96	433607	50.0	50.7	
147 Bromobenzene	156	11.785	11.785	0.000	96	410065	50.0	49.2	
148 1,1,2,2-Tetrachloroethane	83	11.791	11.791	0.000	95	506754	50.0	45.3	
149 trans-1,4-Dichloro-2-butene	53	11.815	11.815	0.000	91	262928	125.0	79.8	
150 1,2,3-Trichloropropane	110	11.833	11.833	0.000	85	153284	50.0	47.8	
151 N-Propylbenzene	91	11.870	11.870	0.000	99	1912803	50.0	50.6	
152 2-Chlorotoluene	126	11.943	11.943	0.000	96	398016	50.0	52.2	
153 1,3,5-Trimethylbenzene	105	12.016	12.016	0.000	94	1439724	50.0	53.6	
154 4-Chlorotoluene	126	12.041	12.041	0.000	98	387753	50.0	52.4	
156 tert-Butylbenzene	134	12.260	12.260	0.000	94	272121	50.0	58.4	
158 1,2,4-Trimethylbenzene	105	12.303	12.303	0.000	98	1478383	50.0	55.7	
160 sec-Butylbenzene	105	12.431	12.431	0.000	95	1817289	50.0	58.5	
161 1,3-Dichlorobenzene	146	12.522	12.522	0.000	99	785668	50.0	54.6	
162 4-Isopropyltoluene	119	12.547	12.547	0.000	97	1634069	50.0	59.2	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	93	554640	50.0	50.0	
166 1,4-Dichlorobenzene	146	12.602	12.602	0.000	95	800252	50.0	54.3	
167 1,2,3-Trimethylbenzene	105	12.614	12.614	0.000	99	1503122	50.0	53.8	
168 Benzyl chloride	91	12.681	12.681	0.000	99	1025239	50.0	49.2	
169 1,3-Diethylbenzene	119	12.748	12.748	0.000	95	876377	50.0	59.0	
170 p-Diethylbenzene	119	12.821	12.821	0.000	94	970036	50.0	60.7	
171 n-Butylbenzene	92	12.839	12.839	0.000	97	764877	50.0	60.7	
172 1,2-Dichlorobenzene	146	12.864	12.864	0.000	99	809781	50.0	54.8	
173 o-diethylbenzene	119	12.894	12.894	0.000	96	776418	50.0	60.5	
175 1,2-Dibromo-3-Chloropropane	75	13.419	13.419	0.000	84	150934	50.0	48.9	
177 1,3,5-Trichlorobenzene	180	13.547	13.547	0.000	98	618191	50.0	64.1	
178 1,2,4-Trichlorobenzene	180	13.979	13.979	0.000	94	567025	50.0	59.3	
180 Hexachlorobutadiene	225	14.065	14.065	0.000	93	264086	50.0	62.2	
181 Naphthalene	128	14.162	14.162	0.000	97	2000699	50.0	54.2	
182 1,2,3-Trichlorobenzene	180	14.303	14.303	0.000	96	561985	50.0	60.5	
183 2-Methylnaphthalene	142	14.900	14.900	0.000	92	958505	50.0	59.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_CCV_ETOH_00011	Amount Added: 10.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added: 10.00	Units: uL	
MSV_Cent_ISSS_00043	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Oct-2025 13:57:55

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D

Injection Date: 07-Oct-2025 22:27:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

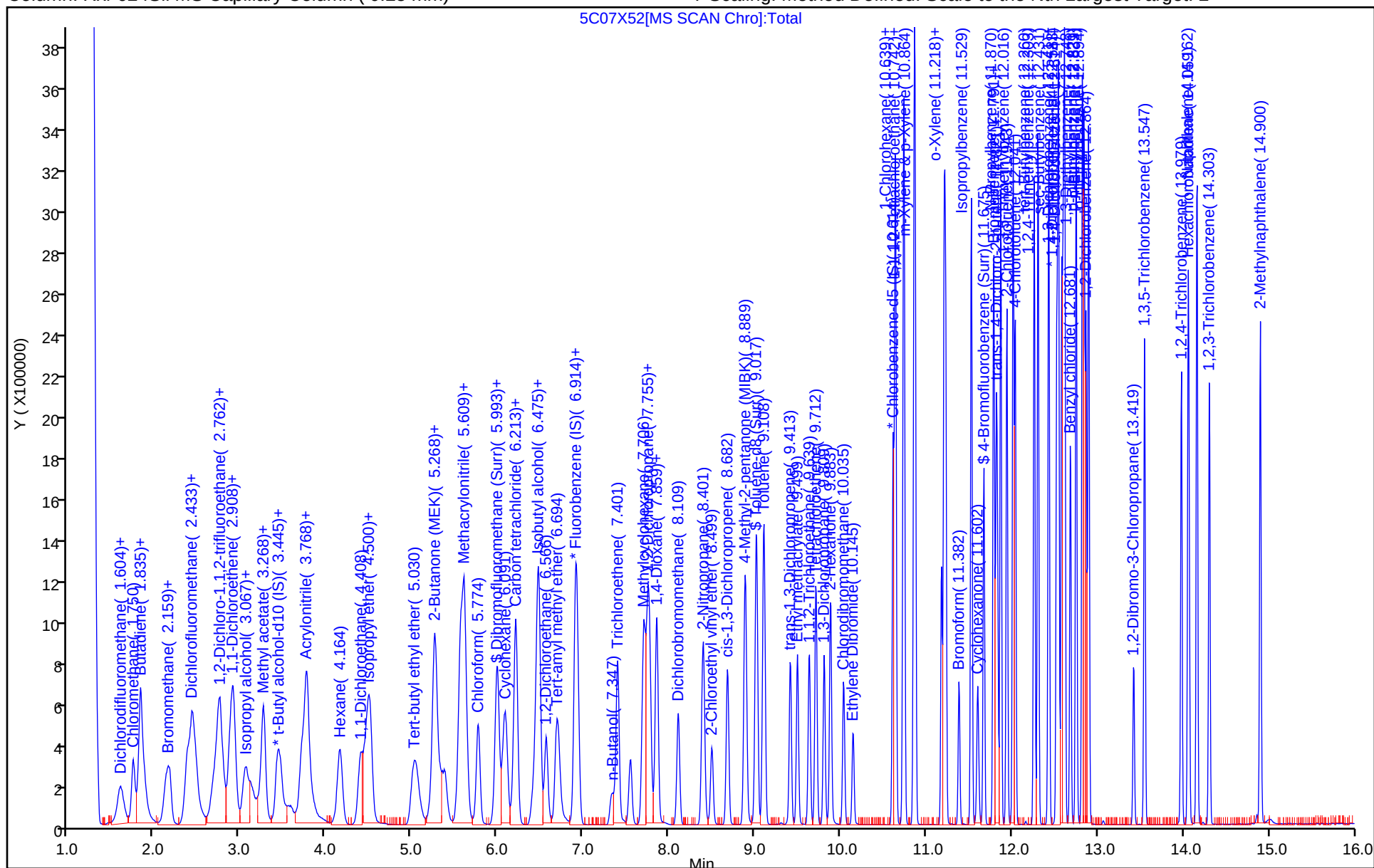
ALS Bottle#: 2

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC

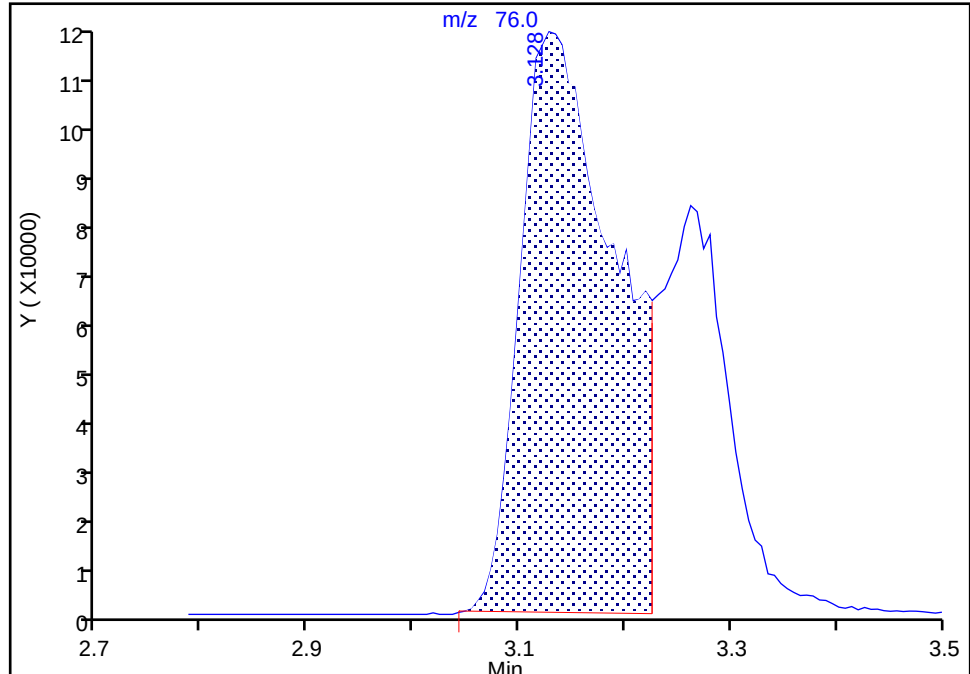
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D
Injection Date: 07-Oct-2025 22:27:30 Instrument ID: 26285
Lims ID: CCVIS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

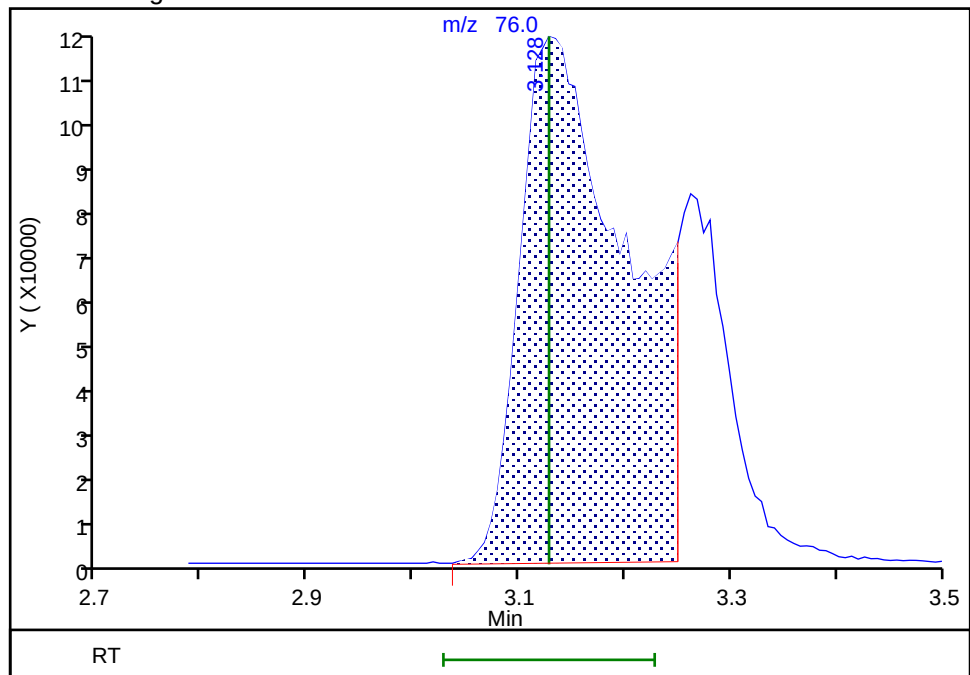
RT: 3.13
Area: 743230
Amount: 38.171033
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 844451
Amount: 43.369572
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 07-Oct-2025 22:55:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

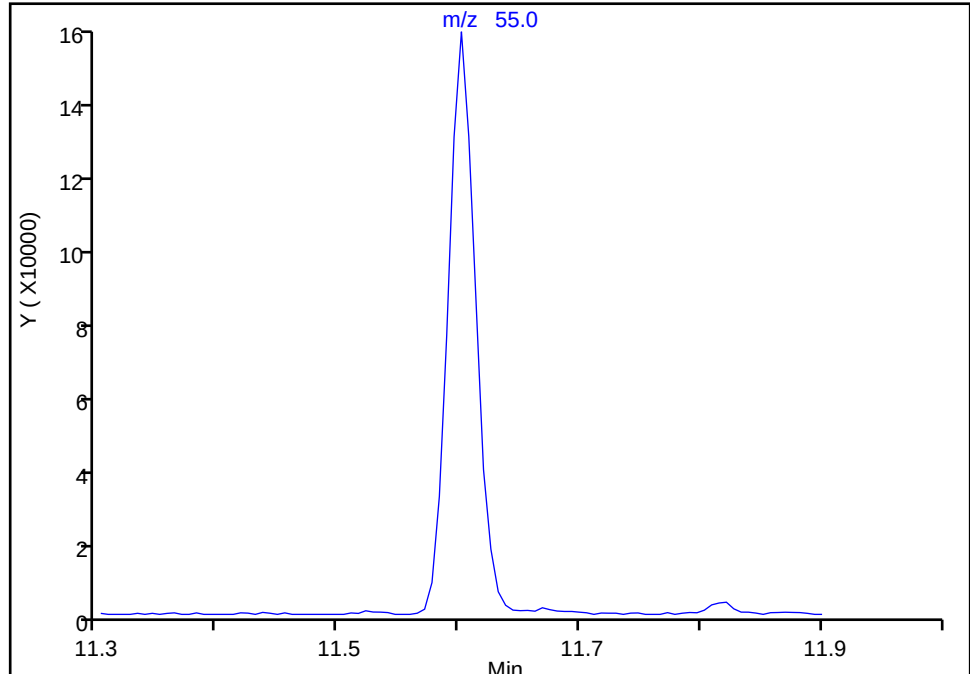
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X52.D
Injection Date: 07-Oct-2025 22:27:30 Instrument ID: 26285
Lims ID: CCVIS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

144 Cyclohexanone, CAS: 108-94-1

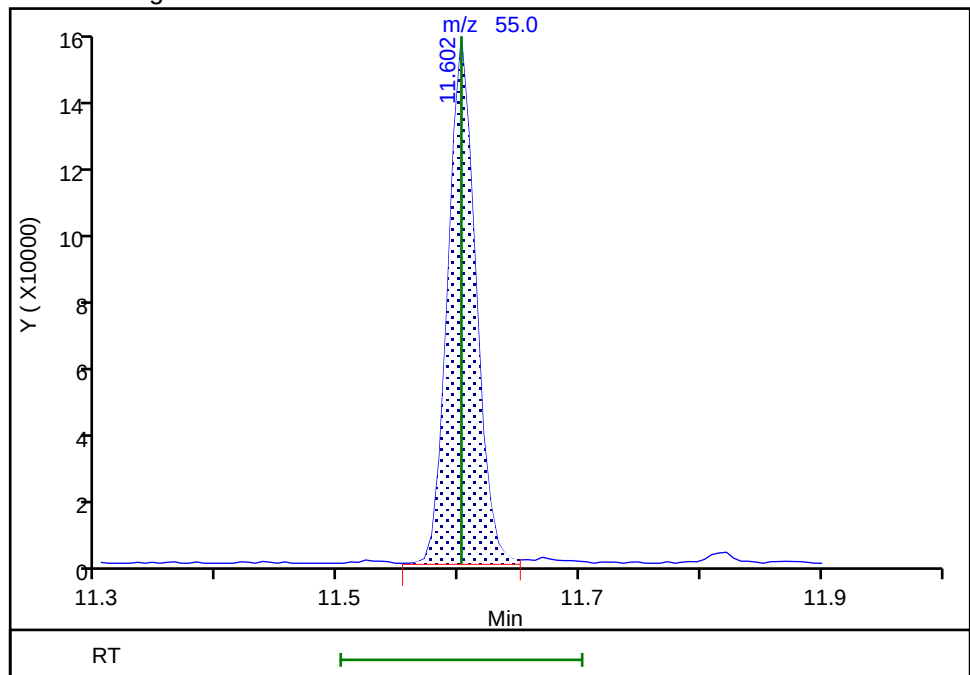
Signal: 1

Not Detected
Expected RT: 11.60

Processing Integration Results



Manual Integration Results



RT: 11.60
Area: 252840
Amount: 584.1811
Amount Units: ug/l

Reviewer: S8BP, 07-Oct-2025 22:58:13 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: ICV 410-702728/20

Calibration Date: 09/22/2025 20:50

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NS22X20.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8281	0.7447	0.1000	18.0	20.0	-10.0	30.0
Chloromethane	Ave	0.5940	0.5938	0.1000	20.0	20.0	0.0	30.0
1,3-Butadiene	Ave	0.3836	0.4572		23.8	20.0	19.0	30.0
Vinyl chloride	Ave	0.6001	0.6332	0.1000	21.1	20.0	6.0	30.0
Bromomethane	Ave	0.4664	0.5030	0.1000	21.6	20.0	8.0	30.0
Chloroethane	Ave	0.2758	0.3052	0.1000	22.1	20.0	11.0	30.0
Dichlorofluoromethane	Ave	0.7864	0.8961		22.8	20.0	14.0	30.0
Trichlorofluoromethane	Ave	0.8027	0.8664	0.1000	21.6	20.0	8.0	30.0
n-Pentane	Ave	0.3717	0.3689		19.8	20.0	-1.0	30.0
Ethanol	Ave	0.0690	0.0805		1170	1000	17.0	30.0
Freon 123a	Ave	0.3586	0.3944		22.0	20.0	10.0	30.0
Acrolein	Ave	1.139	0.9557		123	146	-16.0	30.0
1,1-Dichloroethene	Ave	0.2761	0.2944	0.1000	21.3	20.0	7.0	30.0
Freon 113	Ave	0.3994	0.4151	0.1000	20.8	20.0	4.0	30.0
Acetone	Ave	0.5758	0.4866	0.1000	211	250	-15.0	30.0
Methyl iodide	Ave	0.6594	0.6472		19.6	20.0	-2.0	30.0
2-Propanol	Ave	0.7226	0.6780		141	150	-6.0	30.0
Carbon disulfide	Ave	0.9226	0.9116	0.1000	19.8	20.0	-1.0	30.0
Methyl acetate	Ave	0.2081	0.1806	0.1000	17.4	20.0	-13.0	30.0
Allyl chloride	Ave	0.3222	0.3092		19.2	20.0	-4.0	30.0
Methylene Chloride	Ave	0.3018	0.3127	0.1000	20.7	20.0	4.0	30.0
t-Butyl alcohol	Ave	1.056	1.064		202	200	1.0	30.0
Acrylonitrile	Ave	0.1163	0.1090		93.7	100	-6.0	30.0
Methyl tert-butyl ether	Ave	0.9435	0.9406	0.1000	19.9	20.0	0.0	30.0
trans-1,2-Dichloroethene	Ave	0.3079	0.3049	0.1000	19.8	20.0	-1.0	30.0
n-Hexane	Ave	0.3476	0.3699		21.3	20.0	6.0	30.0
1,1-Dichloroethane	Ave	0.4652	0.4743	0.2000	20.4	20.0	2.0	30.0
Isopropyl ether	Ave	0.7511	0.7456		19.9	20.0	-1.0	30.0
2-Chloro-1,3-butadiene	Ave	0.3894	0.3896		20.0	20.0	0.0	30.0
Ethyl t-butyl ether	Ave	0.8356	0.8278		19.8	20.0	-1.0	30.0
2-Butanone (MEK)	Ave	0.1493	0.1412	0.1000	237	250	-5.0	30.0
cis-1,2-Dichloroethene	Ave	0.3535	0.3512	0.1000	19.9	20.0	-1.0	30.0
2,2-Dichloropropane	Ave	0.5222	0.5393		20.7	20.0	3.0	30.0
Propionitrile	Ave	0.9124	0.7795		128	150	-15.0	30.0
Methyl acrylate	Ave	0.3102	0.2513		16.2	20.0	-19.0	30.0
Methacrylonitrile	Ave	0.1268	0.1256		149	150	-1.0	30.0
Bromochloromethane	Ave	0.1928	0.1936		20.1	20.0	0.0	30.0
Tetrahydrofuran	Ave	0.8468	0.7279		86.0	100	-14.0	30.0
Chloroform	Ave	0.5770	0.5547	0.2000	19.2	20.0	-4.0	30.0
1,1,1-Trichloroethane	Ave	0.5912	0.6168	0.1000	20.9	20.0	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: ICV 410-702728/20

Calibration Date: 09/22/2025 20:50

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NS22X20.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.5041	0.5334	0.1000	21.2	20.0	6.0	30.0
Carbon tetrachloride	Ave	0.5535	0.5813	0.1000	21.0	20.0	5.0	30.0
1,1-Dichloropropene	Ave	0.3827	0.3865		20.2	20.0	1.0	30.0
Isobutyl alcohol	Ave	0.2916	0.2460		422	500	-16.0	30.0
Benzene	Ave	1.137	1.139	0.5000	20.0	20.0	0.0	30.0
1,2-Dichloroethane	Ave	0.3698	0.3647	0.1000	19.7	20.0	-1.0	30.0
t-Amyl methyl ether	Ave	0.8448	0.8461		20.0	20.0	0.0	30.0
n-Heptane	Ave	0.2923	0.3003		20.5	20.0	3.0	30.0
n-Butanol	Ave	0.2228	0.2113		948	1000	-5.0	30.0
Trichloroethene	Ave	0.3361	0.3320	0.2000	19.8	20.0	-1.0	30.0
Ethyl acrylate	Ave	0.3579	0.2514		14.0	20.0	-30.0	30.0
Methylcyclohexane	Ave	0.6043	0.6302	0.1000	20.9	20.0	4.0	30.0
t-Amyl ethyl ether	Ave	0.4562	0.4486		19.7	20.0	-2.0	30.0
1,2-Dichloropropane	Ave	0.2682	0.2571	0.1000	19.2	20.0	-4.0	30.0
Methyl methacrylate	Ave	0.2089	0.1973		18.9	20.0	-6.0	30.0
1,4-Dioxane	Ave	0.0770	0.0842	0.0050	547	500	9.0	30.0
Dibromomethane	Ave	0.1990	0.1960		19.7	20.0	-2.0	30.0
Bromodichloromethane	Ave	0.3971	0.3825	0.2000	19.3	20.0	-4.0	30.0
2-Nitropropane	Ave	1.455	1.096		15.1	20.0	-25.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1710	0.1564		18.3	20.0	-9.0	30.0
cis-1,3-Dichloropropene	Ave	0.4235	0.4024	0.2000	19.0	20.0	-5.0	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3355	0.3156	0.1000	235	250	-6.0	30.0
Toluene	Ave	0.9496	0.9398	0.4000	19.8	20.0	-1.0	30.0
trans-1,3-Dichloropropene	Ave	0.4794	0.4670	0.1000	19.5	20.0	-3.0	30.0
Ethyl methacrylate	Ave	0.4517	0.4551		20.1	20.0	1.0	30.0
1,1,2-Trichloroethane	Ave	0.3346	0.3263	0.1000	19.5	20.0	-2.0	30.0
Tetrachloroethene	Ave	0.5332	0.5541	0.2000	20.8	20.0	4.0	30.0
1,3-Dichloropropane	Ave	0.5015	0.4900		19.5	20.0	-2.0	30.0
2-Hexanone	Ave	0.2815	0.2735	0.1000	243	250	-3.0	30.0
Dibromochloromethane	Ave	0.4355	0.4196		19.3	20.0	-4.0	30.0
1,2-Dibromoethane (EDB)	Ave	0.3600	0.3541	0.1000	19.7	20.0	-2.0	30.0
1-Chlorohexane	Ave	0.5387	0.5603		20.8	20.0	4.0	30.0
Chlorobenzene	Ave	1.126	1.121	0.5000	19.9	20.0	0.0	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4974	0.5101		20.5	20.0	3.0	30.0
Ethylbenzene	Ave	1.884	1.932	0.1000	20.5	20.0	3.0	30.0
m&p-Xylene	Ave	0.7479	0.7838	0.1000	41.9	40.0	5.0	30.0
n-Butyl acrylate	Ave	0.6293	0.4692		14.9	20.0	-25.0	30.0
o-Xylene	Ave	0.7798	0.8112	0.3000	20.8	20.0	4.0	30.0
Styrene	Ave	1.186	1.223	0.3000	20.6	20.0	3.0	30.0
Bromoform	Ave	0.3248	0.3367	0.1000	20.7	20.0	4.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.: _____

Lab Sample ID: ICV 410-702728/20

Calibration Date: 09/22/2025 20:50

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NS22X20.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropylbenzene	Ave	2.154	2.343	0.1000	21.8	20.0	9.0	30.0
Cyclohexanone	Ave	0.2647	0.2665		503	500	1.0	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8783	0.8399	0.3000	19.1	20.0	-4.0	30.0
Bromobenzene	Ave	0.9202	0.8876		19.3	20.0	-4.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2197	0.2135		97.2	100	-3.0	30.0
1,2,3-Trichloropropane	Ave	0.3000	0.2882		19.2	20.0	-4.0	30.0
N-Propylbenzene	Ave	3.866	3.995		20.7	20.0	3.0	30.0
2-Chlorotoluene	Ave	0.8804	0.8896		20.2	20.0	1.0	30.0
1,3,5-Trimethylbenzene	Ave	3.048	3.179		20.9	20.0	4.0	30.0
4-Chlorotoluene	Ave	0.8437	0.8322		19.7	20.0	-1.0	30.0
tert-Butylbenzene	Ave	0.6759	0.6822		20.2	20.0	1.0	30.0
1,2,4-Trimethylbenzene	Ave	3.108	3.125		20.1	20.0	1.0	30.0
sec-Butylbenzene	Ave	3.856	4.009		20.8	20.0	4.0	30.0
1,3-Dichlorobenzene	Ave	1.727	1.739	0.6000	20.1	20.0	1.0	30.0
p-Isopropyltoluene	Ave	3.472	3.524		20.3	20.0	2.0	30.0
1,4-Dichlorobenzene	Ave	1.722	1.723	0.5000	20.0	20.0	0.0	30.0
1,2,3-Trimethylbenzene	Ave	3.155	3.228		20.5	20.0	2.0	30.0
Benzyl chloride	Ave	1.564	1.554		19.9	20.0	-1.0	30.0
1,3-Diethylbenzene	Ave	1.907	2.024		21.2	20.0	6.0	30.0
1,4-Diethylbenzene	Ave	1.997	2.089		20.9	20.0	5.0	30.0
n-Butylbenzene	Ave	1.487	1.531		20.6	20.0	3.0	30.0
1,2-Dichlorobenzene	Ave	1.719	1.754	0.4000	20.4	20.0	2.0	30.0
1,2-Diethylbenzene	Ave	1.709	1.733		20.3	20.0	1.0	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.2363	0.2114	0.0500	17.9	20.0	-11.0	30.0
1,3,5-Trichlorobenzene	Ave	1.419	1.468		20.7	20.0	3.0	30.0
1,2,4-Trichlorobenzene	Ave	1.320	1.383	0.2000	21.0	20.0	5.0	30.0
2-Ethylhexyl acrylate	Ave	1.034	0.7532		14.6	20.1	-27.0	30.0
Hexachlorobutadiene	Ave	0.5471	0.5490		20.1	20.0	0.0	30.0
Naphthalene	Ave	3.922	4.077		20.8	20.0	4.0	30.0
1,2,3-Trichlorobenzene	Ave	1.352	1.350		20.0	20.0	0.0	30.0
2-Methylnaphthalene	Ave	2.297	2.562		22.3	20.0	12.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2842	0.2850		50.1	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0641	0.0650		50.8	50.0	2.0	30.0
Toluene-d8 (Surr)	Ave	1.228	1.238		50.4	50.0	1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4638	0.4846		52.2	50.0	4.0	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X20.D
 Lims ID: ICV
 Client ID:
 Sample Type: ICV
 Inject. Date: 22-Sep-2025 20:50:21 ALS Bottle#: 19 Worklist Smp#: 20
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0160533-020
 Misc. Info.: ICV
 Operator ID: kas02648 Instrument ID: 7159
 Sublist:
 Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 23-Sep-2025 09:36:35 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1659

First Level Reviewer: JS6E

Date: 23-Sep-2025 04:27:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85	2.032	2.025	0.007	99	309003	20.0	18.0	
3 Chlorodifluoromethane	51		2.041					ND	7
4 Chloromethane	50	2.234	2.231	0.003	99	246409	20.0	20.0	
5 Butadiene	39	2.350	2.350	0.000	89	189729	20.0	23.8	
6 Vinyl chloride	62	2.363	2.363	0.000	98	262767	20.0	21.1	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	7
8 Bromomethane	94	2.717	2.704	0.013	91	208717	20.0	21.6	
9 Chloroethane	64	2.804	2.810	-0.006	99	126649	20.0	22.1	
10 Dichlorofluoromethane	67	3.074	3.074	0.000	96	371846	20.0	22.8	
11 Trichlorofluoromethane	101	3.138	3.141	-0.003	98	359497	20.0	21.6	
12 Pentane	43	3.183	3.176	0.007	96	153071	20.0	19.8	
13 Ethanol	45	3.273	3.328	-0.055	29	109205	1000.0	1167.1	M
15 1,2-Dichloro-1,1,2-trifluoroethane	67	3.514	3.511	0.003	84	163639	20.0	22.0	
16 Acrolein	56	3.614	3.607	0.007	99	189678	146.3	122.8	
17 1,1-Dichloroethene	96	3.755	3.752	0.003	94	122158	20.0	21.3	
18 1,1,2-Trichloro-1,2,2-trifluoroethane	101	3.794	3.791	0.003	80	172242	20.0	20.8	
19 Acetone	58	3.804	3.794	0.010	100	165004	250.0	211.3	
20 Iodomethane	142	3.961	3.964	-0.003	99	268552	20.0	19.6	
21 Isopropyl alcohol	45	3.993	3.984	0.009	50	137936	150.0	140.7	
22 Carbon disulfide	76	4.070	4.070	0.000	99	378258	20.0	19.8	
24 Methyl acetate	43	4.267	4.254	0.013	95	74946	20.0	17.4	
25 3-Chloro-1-propene	41	4.289	4.283	0.006	90	128311	20.0	19.2	
26 Methylene Chloride	84	4.492	4.485	0.007	80	129741	20.0	20.7	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.517	4.533	-0.016	94	339065	250.0	250.0	
28 2-Methyl-2-propanol	59	4.649	4.665	-0.016	99	288680	200.0	201.5	
29 Acrylonitrile	53	4.865	4.861	0.004	99	226065	100.0	93.7	
32 Methyl tert-butyl ether	73	4.913	4.910	0.003	93	390292	20.0	19.9	
31 trans-1,2-Dichloroethene	96	4.916	4.913	0.003	96	126534	20.0	19.8	
33 Hexane	57	5.347	5.347	0.000	91	153489	20.0	21.3	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63	5.591	5.591	0.000	95	196819	20.0	20.4	
36 Isopropyl ether	45	5.656	5.652	0.004	92	309379	20.0	19.9	
37 2-Chloro-1,3-butadiene	53	5.697	5.697	0.000	90	161680	20.0	20.0	
39 Tert-butyl ethyl ether	59	6.183	6.186	-0.003	97	343508	20.0	19.8	
40 2-Butanone (MEK)	43	6.402	6.401	0.001	99	732466	250.0	236.5	
41 cis-1,2-Dichloroethene	96	6.424	6.424	0.000	80	145718	20.0	19.9	
43 2,2-Dichloropropane	77	6.440	6.443	-0.003	84	223776	20.0	20.7	
44 Propionitrile	54	6.508	6.508	0.000	97	158571	150.0	128.1	
45 Methyl acrylate	55	6.527	6.524	0.003	99	104194	20.0	16.2	
46 Methacrylonitrile	67	6.707	6.713	-0.006	89	390769	150.0	148.5	M
47 Chlorobromomethane	128	6.752	6.752	0.000	80	80347	20.0	20.1	
48 Tetrahydrofuran	71	6.762	6.768	-0.006	81	98725	100.0	86.0	
49 Chloroform	83	6.900	6.906	-0.006	92	230165	20.0	19.2	
\$ 50 Dibromofluoromethane (Surr)	113	7.122	7.115	0.007	95	295696	50.0	50.1	
51 1,1,1-Trichloroethane	97	7.128	7.128	0.000	96	255928	20.0	20.9	
52 Cyclohexane	56	7.215	7.215	0.000	88	221353	20.0	21.2	
53 Carbon tetrachloride	117	7.324	7.334	-0.010	96	241199	20.0	21.0	
54 1,1-Dichloropropene	75	7.334	7.334	0.000	93	160359	20.0	20.2	
55 Isobutyl alcohol	41	7.495	7.495	0.000	95	166794	500.0	421.8	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.569	7.575	-0.006	96	67455	50.0	50.8	
57 Benzene	78	7.594	7.594	0.000	96	472770	20.0	20.0	
59 1,2-Dichloroethane	62	7.675	7.675	0.000	98	151325	20.0	19.7	
60 Tert-amyl methyl ether	73	7.781	7.787	-0.006	98	351102	20.0	20.0	M
* 62 Fluorobenzene (IS)	96	7.996	7.996	0.000	99	1037385	50.0	50.0	
63 n-Heptane	43	8.000	8.000	0.000	45	124605	20.0	20.5	
64 n-Butanol	56	8.356	8.356	0.000	86	286627	1000.0	948.4	
65 Trichloroethene	95	8.466	8.463	0.003	95	137749	20.0	19.8	
66 Ethyl acrylate	55	8.585	8.585	0.000	98	104200	20.0	14.0	
67 Methylcyclohexane	83	8.774	8.768	0.006	89	261485	20.0	20.9	
68 2-ethoxy-2-methyl butane	87	8.797	8.803	-0.006	93	186143	20.0	19.7	
69 1,2-Dichloropropane	63	8.800	8.803	-0.003	70	106679	20.0	19.2	
70 Methyl methacrylate	69	8.884	8.881	0.003	88	81850	20.0	18.9	
71 1,4-Dioxane	88	8.893	8.900	-0.007	39	57123	500.0	546.7	Ma
72 Dibromomethane	93	8.910	8.909	0.001	90	81332	20.0	19.7	
74 Dichlorobromomethane	83	9.138	9.138	0.000	98	158740	20.0	19.3	
75 2-Nitropropane	41	9.408	9.411	-0.003	97	29729	20.0	15.1	
76 2-Chloroethyl vinyl ether	63	9.482	9.485	-0.003	94	64918	20.0	18.3	
77 cis-1,3-Dichloropropene	75	9.655	9.659	-0.004	96	166977	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.826	0.000	95	1637110	250.0	235.2	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.951	0.000	93	1026837	50.0	50.4	
118 Toluene	92	10.022	10.025	-0.003	99	311796	20.0	19.8	
120 trans-1,3-Dichloropropene	75	10.266	10.266	0.000	91	154921	20.0	19.5	
121 Ethyl methacrylate	69	10.321	10.324	-0.003	87	150976	20.0	20.1	
122 1,1,2-Trichloroethane	97	10.463	10.466	-0.003	90	108236	20.0	19.5	
123 Tetrachloroethene	166	10.543	10.543	0.000	98	183816	20.0	20.8	
124 1,3-Dichloropropane	76	10.623	10.623	0.000	88	162574	20.0	19.5	
126 2-Hexanone	43	10.672	10.671	0.001	95	1134360	250.0	243.0	
128 Chlorodibromomethane	129	10.826	10.826	0.000	88	139210	20.0	19.3	
129 Ethylene Dibromide	107	10.935	10.938	-0.003	98	117466	20.0	19.7	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	83	829383	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	88	185889	20.0	20.8	
133 Chlorobenzene	112	11.379	11.379	0.000	97	372054	20.0	19.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	47	169226	20.0	20.5	
135 Ethylbenzene	91	11.459	11.459	0.000	98	641031	20.0	20.5	
136 m-Xylene & p-Xylene	106	11.565	11.572	-0.007	100	520052	40.0	41.9	
137 n-Butyl acrylate	55	11.836	11.835	0.001	97	155515	20.0	14.9	
138 o-Xylene	106	11.893	11.890	0.003	96	269129	20.0	20.8	
139 Styrene	104	11.906	11.906	0.000	94	405772	20.0	20.6	
140 Bromoform	173	12.064	12.061	0.004	98	111702	20.0	20.7	
141 Isopropylbenzene	105	12.183	12.186	-0.003	95	777142	20.0	21.8	
143 Cyclohexanone	55	12.270	12.270	0.000	90	180697	499.9	503.3	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.324	12.324	0.000	98	401919	50.0	52.2	
145 1,1,2,2-Tetrachloroethane	83	12.424	12.424	0.000	95	172852	20.0	19.1	
146 Bromobenzene	156	12.443	12.443	0.000	96	182685	20.0	19.3	
147 trans-1,4-Dichloro-2-butene	53	12.450	12.450	0.000	90	219693	100.0	97.2	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	84	59324	20.0	19.2	M
149 N-Propylbenzene	91	12.504	12.504	0.000	98	822201	20.0	20.7	
150 2-Chlorotoluene	126	12.585	12.581	0.004	98	183085	20.0	20.2	
151 1,3,5-Trimethylbenzene	105	12.636	12.636	0.000	94	654311	20.0	20.9	
152 4-Chlorotoluene	126	12.672	12.675	-0.003	96	171284	20.0	19.7	
154 tert-Butylbenzene	134	12.874	12.877	-0.003	91	140405	20.0	20.2	
155 1,2,4-Trimethylbenzene	105	12.916	12.919	-0.003	97	643257	20.0	20.1	
157 sec-Butylbenzene	105	13.038	13.038	0.000	94	825189	20.0	20.8	
158 1,3-Dichlorobenzene	146	13.135	13.138	-0.004	98	358007	20.0	20.1	
159 4-Isopropyltoluene	119	13.141	13.141	0.000	96	725360	20.0	20.3	
* 160 1,4-Dichlorobenzene-d4	152	13.192	13.189	0.003	92	514532	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.208	13.208	0.000	96	354672	20.0	20.0	
162 1,2,3-Trimethylbenzene	105	13.218	13.218	0.000	97	664458	20.0	20.5	
163 Benzyl chloride	91	13.286	13.286	0.000	98	319929	20.0	19.9	
164 1,3-Diethylbenzene	119	13.340	13.340	0.000	96	416594	20.0	21.2	
165 p-Diethylbenzene	119	13.408	13.411	-0.003	95	429887	20.0	20.9	
166 n-Butylbenzene	92	13.430	13.430	0.000	97	315096	20.0	20.6	
167 1,2-Dichlorobenzene	146	13.469	13.466	0.003	98	360897	20.0	20.4	
168 o-diethylbenzene	119	13.482	13.482	0.000	94	356647	20.0	20.3	
170 1,2-Dibromo-3-Chloropropane	75	14.003	14.003	0.000	93	43501	20.0	17.9	
171 1,3,5-Trichlorobenzene	180	14.125	14.122	0.003	97	302236	20.0	20.7	
172 1,2,4-Trichlorobenzene	180	14.546	14.543	0.003	93	284639	20.0	21.0	
173 2-Ethylhexyl acrylate	55	14.597	14.597	0.000	81	155414	20.1	14.6	
174 Hexachlorobutadiene	225	14.626	14.623	0.003	94	112997	20.0	20.1	
175 Naphthalene	128	14.729	14.729	0.000	96	839165	20.0	20.8	
176 1,2,3-Trichlorobenzene	180	14.874	14.871	0.003	96	277793	20.0	20.0	
177 2-Methylnaphthalene	142	15.514	15.517	-0.003	92	527359	20.0	22.3	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_VOC#1_00239	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00249	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00246	Amount Added: 50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added: 50.00	Units: uL	
MSV_LCS_ETOH_00012	Amount Added: 50.00	Units: uL	
MSV_QC_2K_GAS_00316	Amount Added: 1.00	Units: uL	
MSV_LCS_OH_Sp_00032	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00044	Amount Added: 5.00	Units: uL	Run Reagent
MSV_V_SMFreon_00052	Amount Added: 0.00	Units:	Run Reagent

Report Date: 23-Sep-2025 09:37:04

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X20.D

Injection Date: 22-Sep-2025 20:50:21

Instrument ID: 7159

Operator ID: kas02648

Lims ID: ICV

Worklist Smp#: 20

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

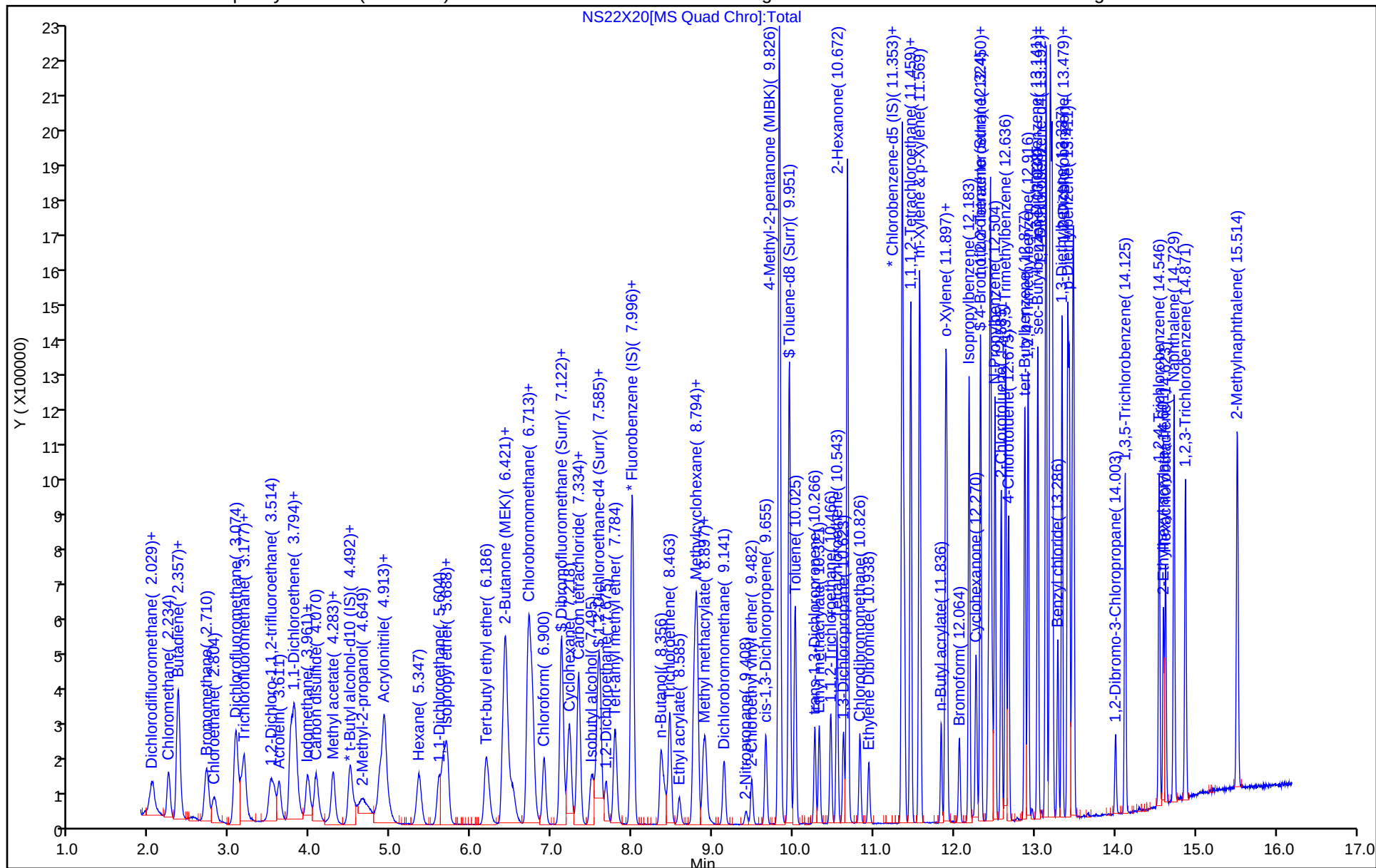
ALS Bottle#: 19

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

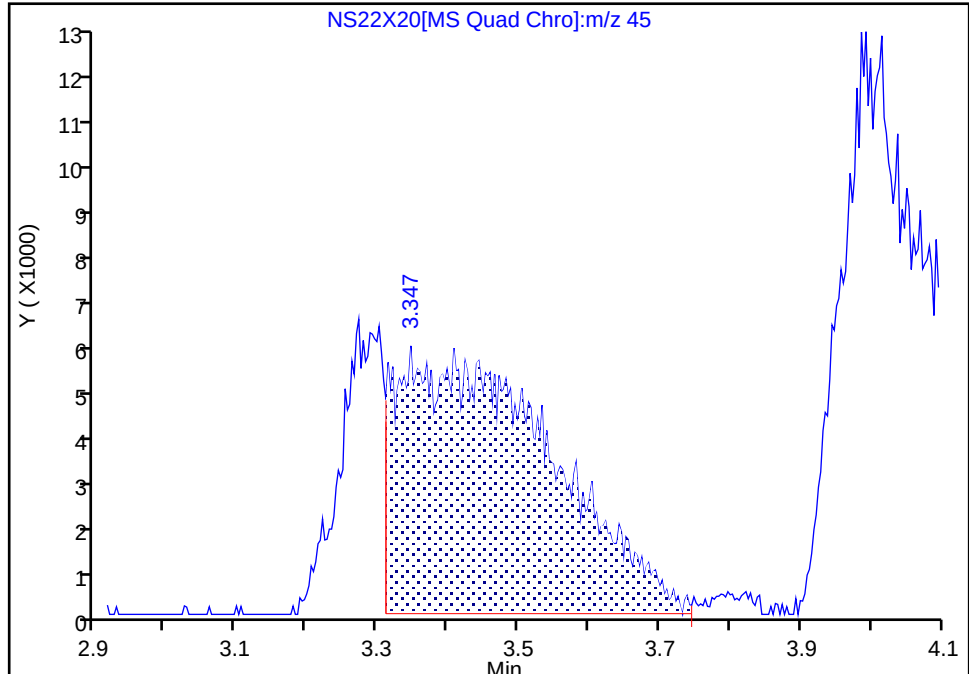
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

13 Ethanol, CAS: 64-17-5

Signal: 1

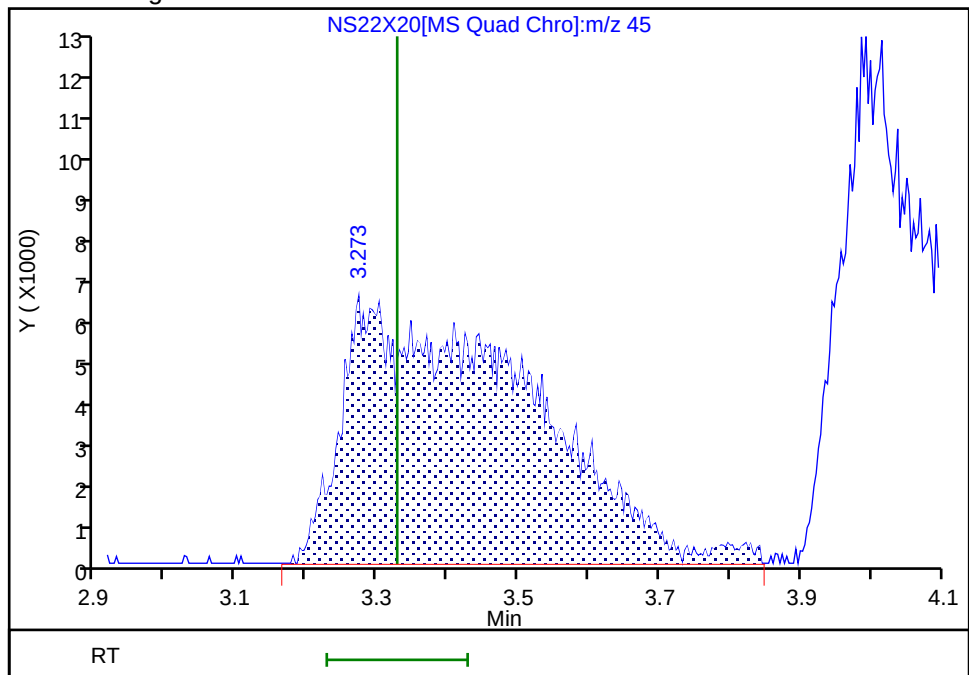
RT: 3.35
Area: 82950
Amount: 886.5210
Amount Units: ug/l

Processing Integration Results



RT: 3.27
Area: 109205
Amount: 1167.1190
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:16 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

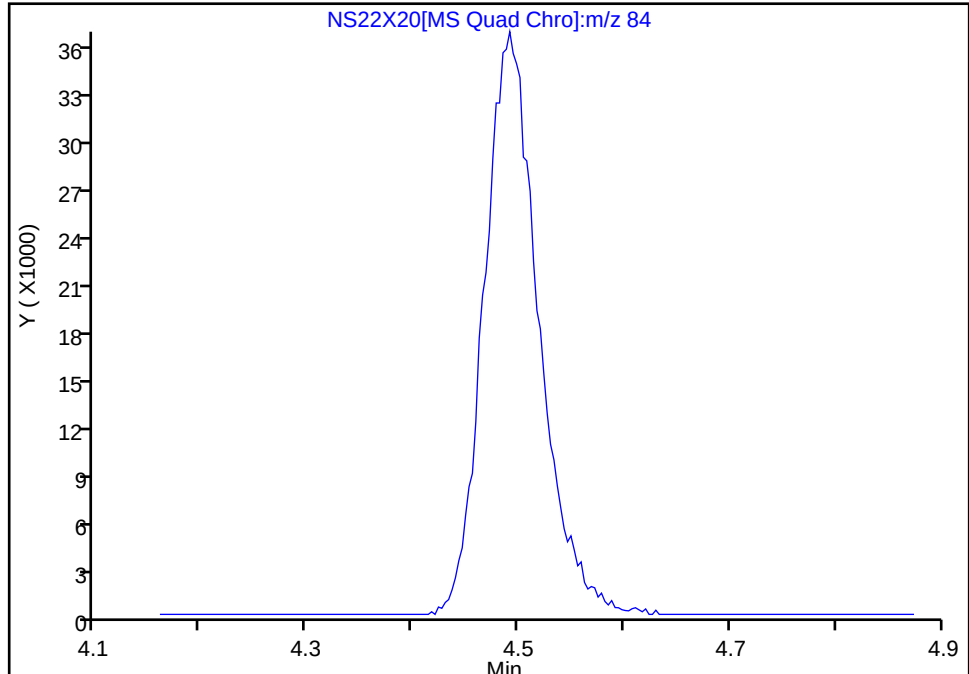
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Methylene Chloride, CAS: 75-09-2

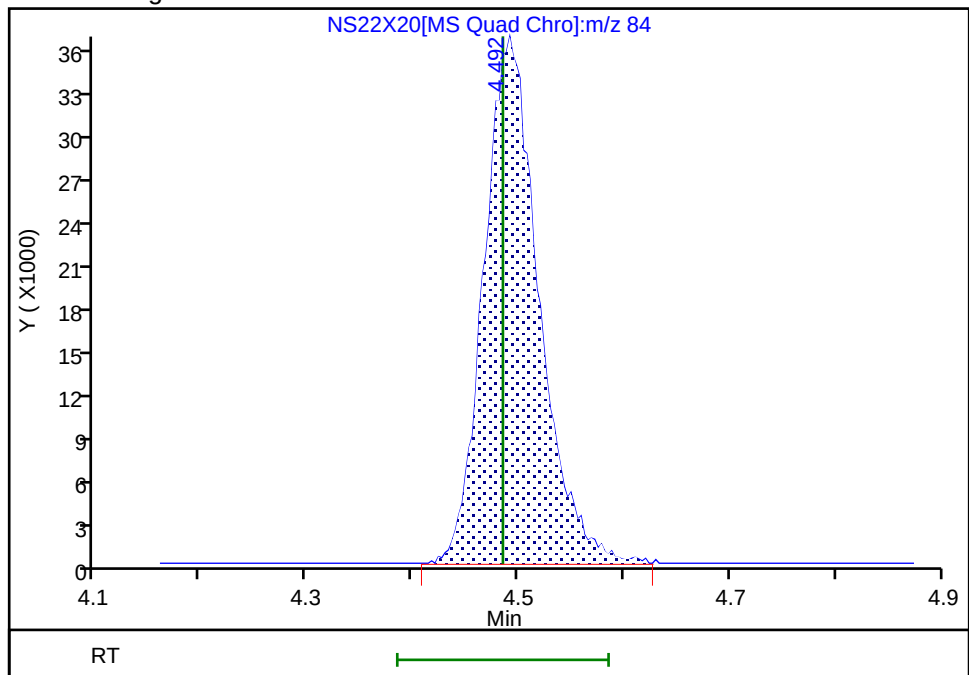
Signal: 1

Not Detected
Expected RT: 4.49

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:28 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

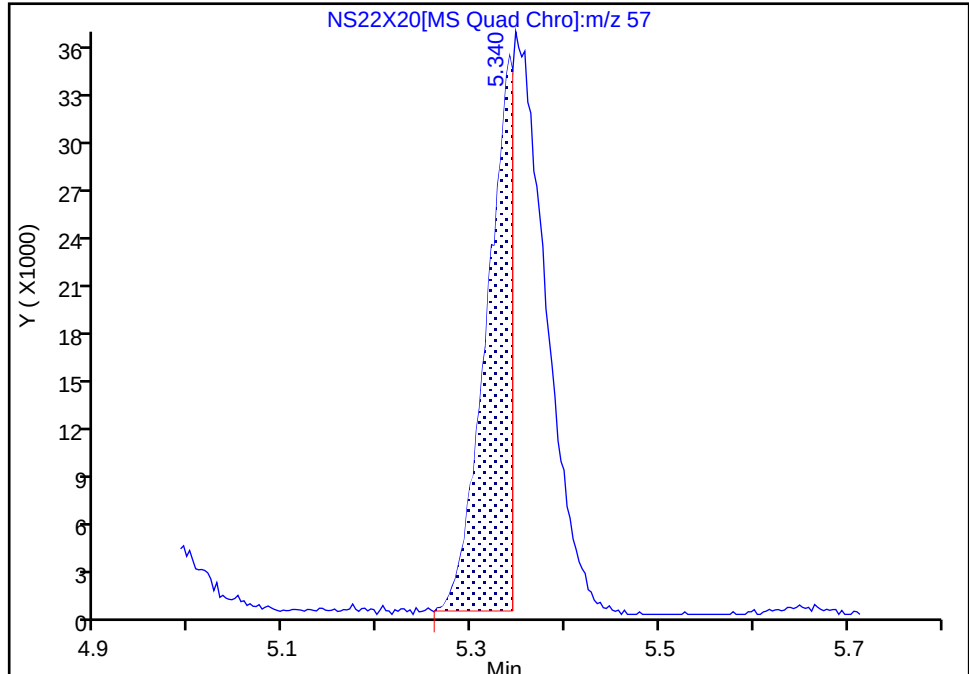
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

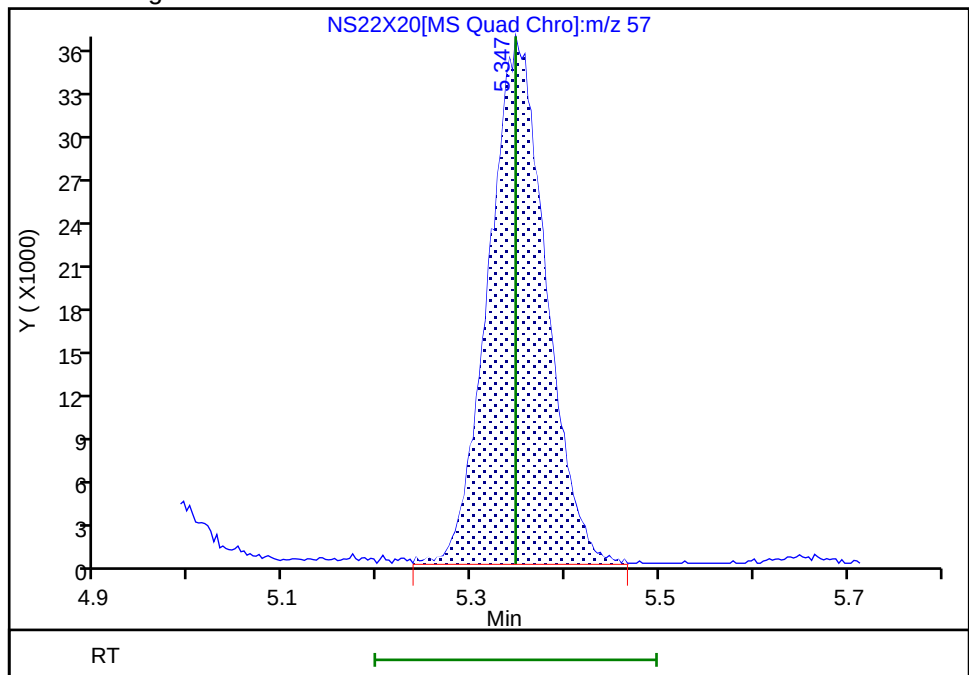
RT: 5.34
Area: 67499
Amount: 9.395932
Amount Units: ug/l

Processing Integration Results



RT: 5.35
Area: 153489
Amount: 21.284298
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:39 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

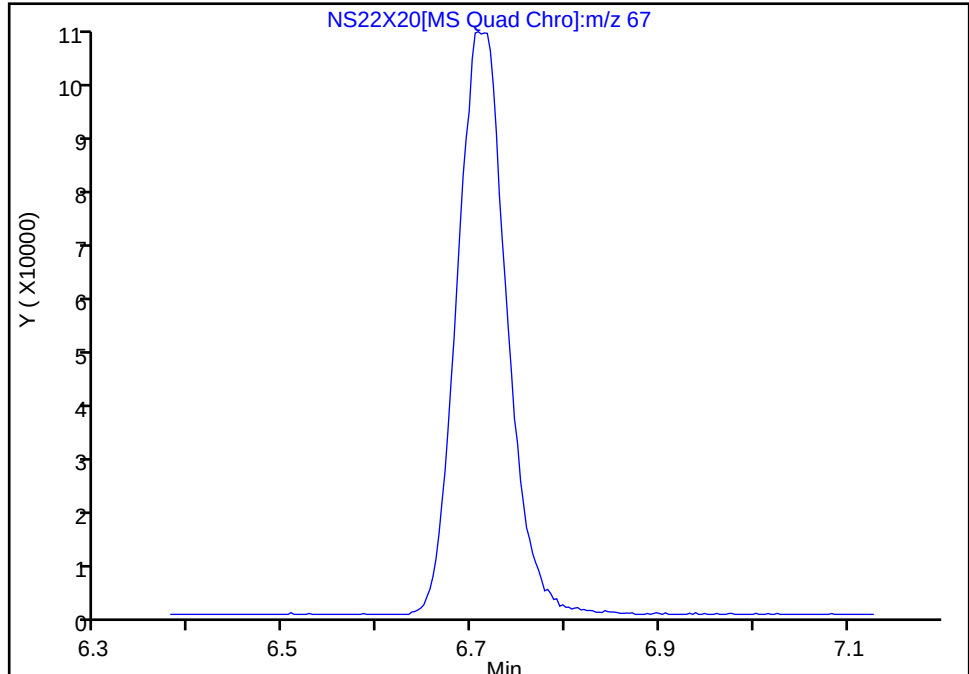
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

46 Methacrylonitrile, CAS: 126-98-7

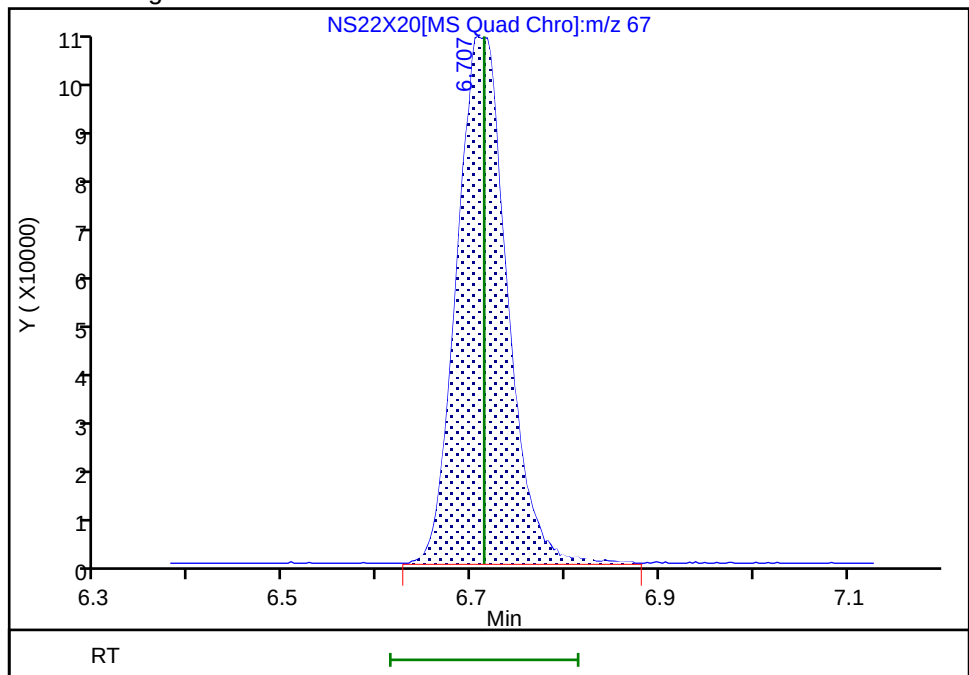
Signal: 1

Not Detected
Expected RT: 6.71

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:26:49 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

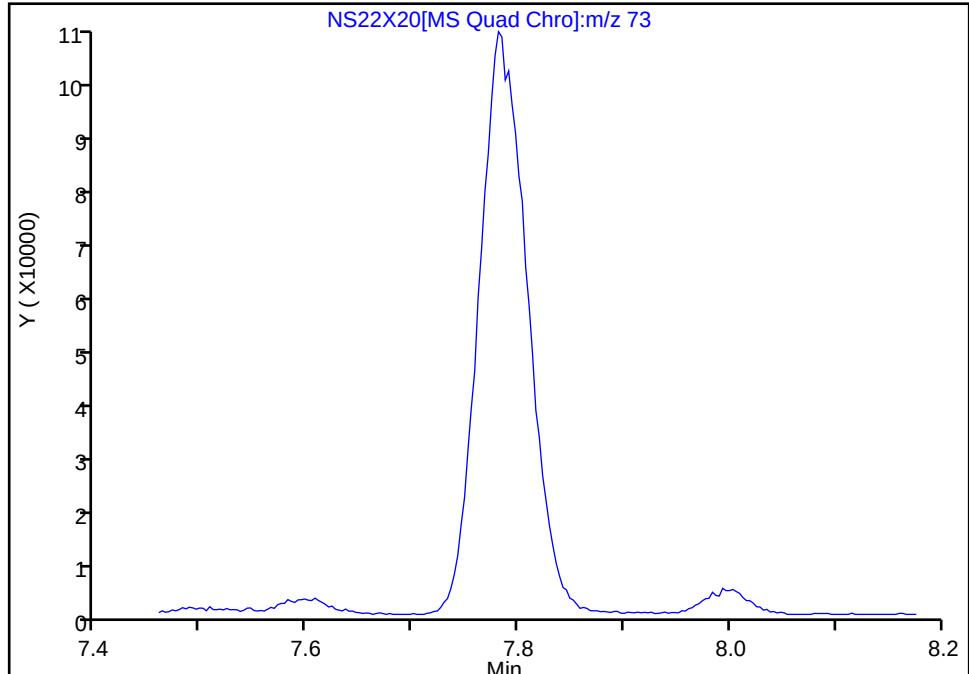
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Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

60 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

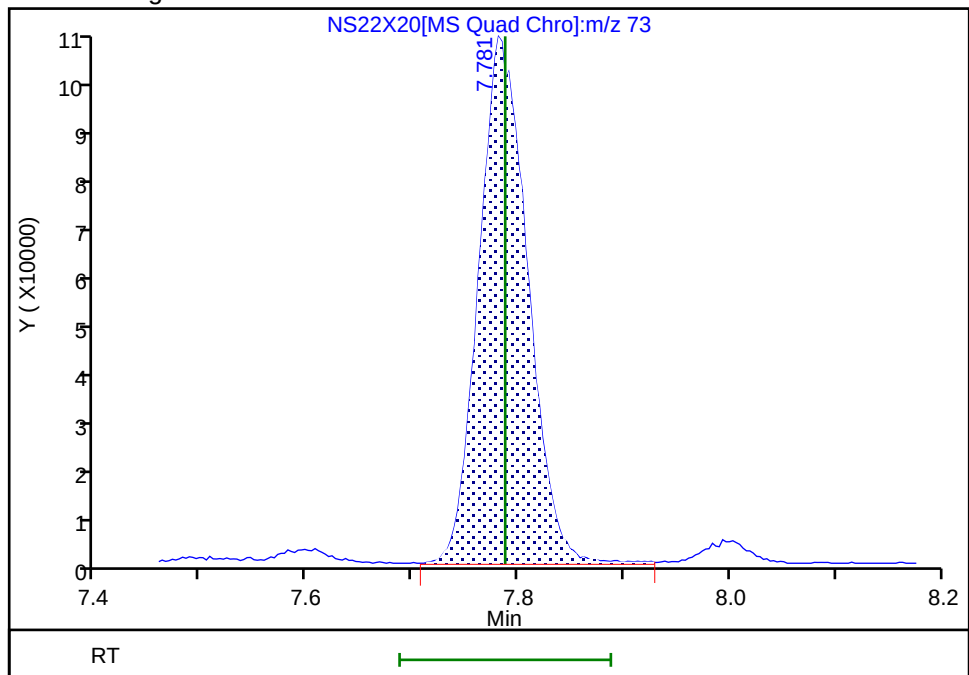
Not Detected
Expected RT: 7.79

Processing Integration Results



RT: 7.78
Area: 351102
Amount: 20.031766
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:27:11 -04:00:00 (UTC)

Audit Action: Assigned New Baseline

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

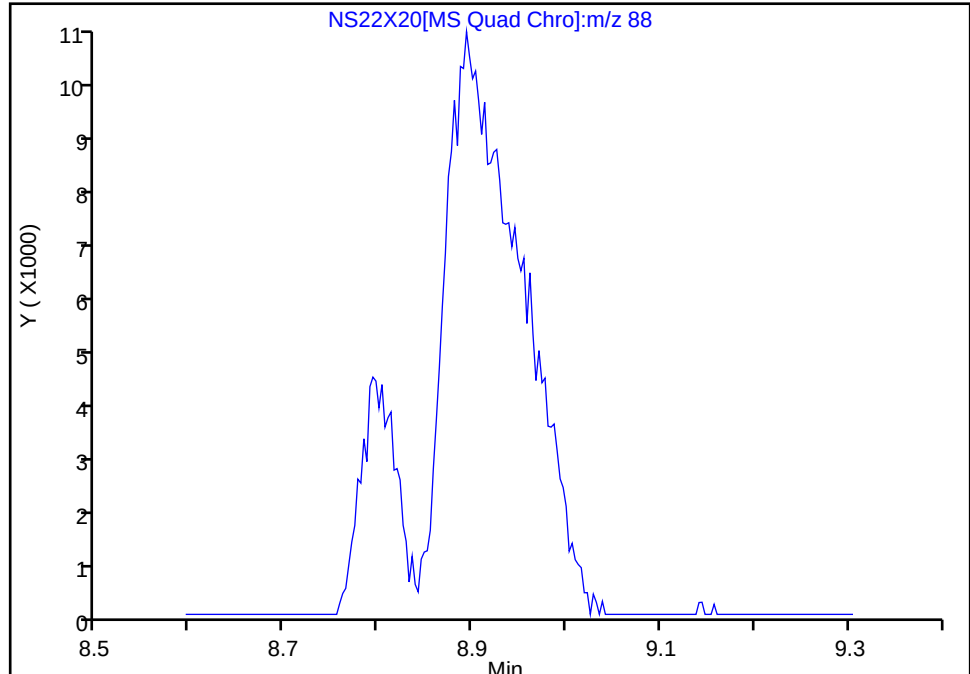
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Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

71 1,4-Dioxane, CAS: 123-91-1

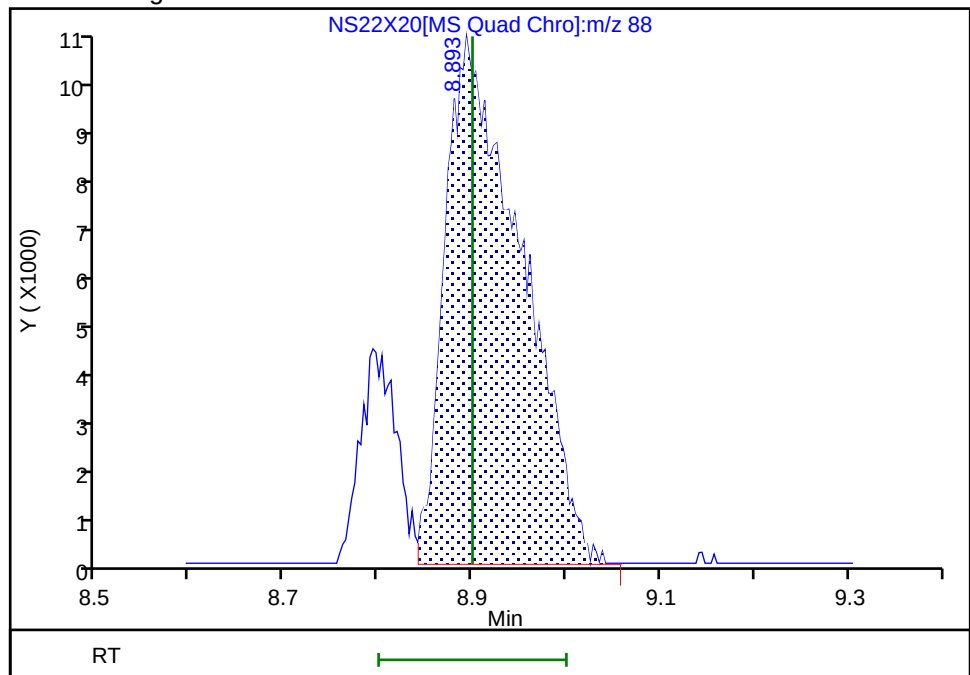
Signal: 1

Not Detected
Expected RT: 8.90

Processing Integration Results



Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:27:29 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

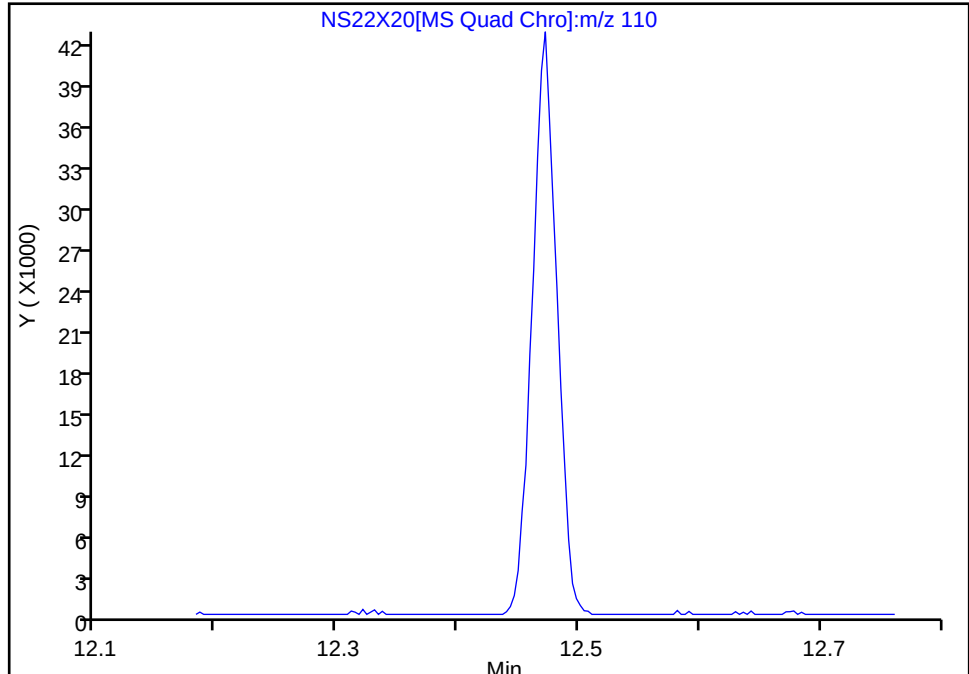
Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X20.D
Injection Date: 22-Sep-2025 20:50:21 Instrument ID: 7159
Lims ID: ICV
Client ID:
Operator ID: kas02648 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

148 1,2,3-Trichloropropane, CAS: 96-18-4
Signal: 1

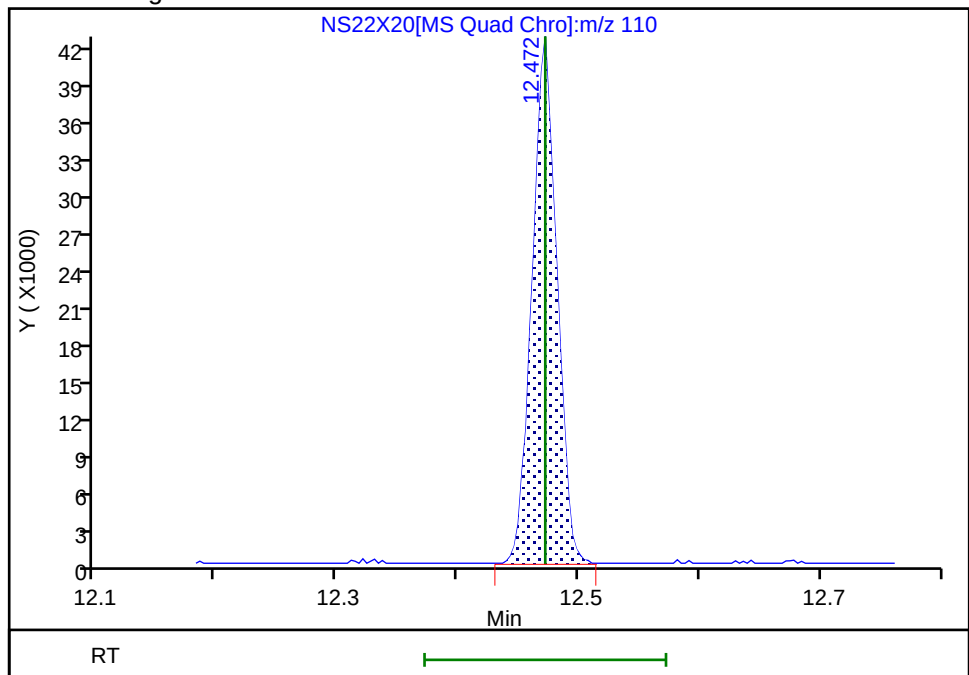
Not Detected
Expected RT: 12.47

Processing Integration Results



RT: 12.47
Area: 59324
Amount: 19.213692
Amount Units: ug/l

Manual Integration Results



Reviewer: JS6E, 23-Sep-2025 04:27:44 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.: _____

Lab Sample ID: CCVIS 410-711283/3

Calibration Date: 10/09/2025 09:18

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NC09X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.8281	0.8369	0.1000	50.5	50.0	1.0	20.0
Chloromethane	Ave	0.5940	0.7564	0.1000	63.7	50.0	27.0*	20.0
1,3-Butadiene	Ave	0.3836	0.4685		61.1	50.0	22.0*	20.0
Vinyl chloride	Ave	0.6001	0.7508	0.1000	62.6	50.0	25.0*	20.0
Bromomethane	Ave	0.4664	0.4952	0.1000	53.1	50.0	6.0	20.0
Chloroethane	Ave	0.2758	0.3320	0.1000	60.2	50.0	20.0	20.0
Dichlorofluoromethane	Ave	0.7864	0.8744		55.6	50.0	11.0	20.0
Trichlorofluoromethane	Ave	0.8027	0.7648	0.1000	47.6	50.0	-5.0	20.0
n-Pentane	Ave	0.3717	0.4629		62.3	50.0	25.0*	20.0
Freon 123a	Ave	0.3586	0.4142		57.8	50.0	16.0	20.0
Acrolein	Ave	1.139	1.073		460	488	-6.0	20.0
1,1-Dichloroethene	Ave	0.2761	0.2707	0.1000	49.0	50.0	-2.0	20.0
Freon 113	Ave	0.3994	0.3986	0.1000	49.9	50.0	0.0	20.0
Acetone	Ave	0.5758	0.5648	0.1000	98.1	100	-2.0	20.0
Methyl iodide	Ave	0.6594	0.5280		40.0	50.0	-20.0	20.0
2-Propanol	Ave	0.7226	0.5350		185	250	-26.0*	20.0
Carbon disulfide	Ave	0.9226	1.030	0.1000	55.8	50.0	12.0	20.0
Methyl acetate	Ave	0.2081	0.2159	0.1000	51.9	50.0	4.0	20.0
Allyl chloride	Ave	0.3222	0.3646		56.6	50.0	13.0	20.0
Methylene Chloride	Ave	0.3018	0.3113	0.1000	51.6	50.0	3.0	20.0
t-Butyl alcohol	Ave	1.056	0.996		236	250	-6.0	20.0
Acrylonitrile	Ave	0.1163	0.1287		138	125	11.0	20.0
Methyl tert-butyl ether	Ave	0.9435	0.9363	0.1000	49.6	50.0	-1.0	20.0
trans-1,2-Dichloroethene	Ave	0.3079	0.3038	0.1000	49.3	50.0	-1.0	20.0
n-Hexane	Ave	0.3476	0.4517		65.0	50.0	30.0*	20.0
1,1-Dichloroethane	Ave	0.4652	0.4929	0.2000	53.0	50.0	6.0	20.0
Isopropyl ether	Ave	0.7511	0.8566		57.0	50.0	14.0	20.0
2-Chloro-1,3-butadiene	Ave	0.3894	0.3947		50.7	50.0	1.0	20.0
Ethyl t-butyl ether	Ave	0.8356	0.8749		52.3	50.0	5.0	20.0
2-Butanone (MEK)	Ave	0.1493	0.1435	0.1000	96.2	100	-4.0	20.0
cis-1,2-Dichloroethene	Ave	0.3535	0.3385	0.1000	47.9	50.0	-4.0	20.0
2,2-Dichloropropane	Ave	0.5222	0.5193		49.7	50.0	-1.0	20.0
Propionitrile	Ave	0.9124	0.8944		245	250	-2.0	20.0
Methacrylonitrile	Ave	0.1268	0.1343		132	125	6.0	20.0
Bromochloromethane	Ave	0.1928	0.1678		43.5	50.0	-13.0	20.0
Tetrahydrofuran	Ave	0.8468	0.7933		234	250	-6.0	20.0
Chloroform	Ave	0.5770	0.5260	0.2000	45.6	50.0	-9.0	20.0
1,1,1-Trichloroethane	Ave	0.5912	0.5265	0.1000	44.5	50.0	-11.0	20.0
Cyclohexane	Ave	0.5041	0.5920	0.1000	58.7	50.0	17.0	20.0
Carbon tetrachloride	Ave	0.5535	0.4668	0.1000	42.2	50.0	-16.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.: _____

Lab Sample ID: CCVIS 410-711283/3

Calibration Date: 10/09/2025 09:18

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NC09X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3827	0.3921		51.2	50.0	2.0	20.0
Isobutyl alcohol	Ave	0.2916	0.2688		576	625	-8.0	20.0
Benzene	Ave	1.137	1.210	0.5000	53.2	50.0	6.0	20.0
1,2-Dichloroethane	Ave	0.3698	0.3352	0.1000	45.3	50.0	-9.0	20.0
t-Amyl methyl ether	Ave	0.8448	0.8616		51.0	50.0	2.0	20.0
n-Heptane	Ave	0.2923	0.3929		67.2	50.0	34.0*	20.0
n-Butanol	Ave	0.2228	0.2124		596	625	-5.0	20.0
Trichloroethene	Ave	0.3361	0.3107	0.2000	46.2	50.0	-8.0	20.0
Methylcyclohexane	Ave	0.6043	0.6734	0.1000	55.7	50.0	11.0	20.0
1,2-Dichloropropane	Ave	0.2682	0.2959	0.1000	55.1	50.0	10.0	20.0
t-Amyl ethyl ether	Ave	0.4562	0.4568		50.1	50.0	0.0	20.0
Methyl methacrylate	Ave	0.2089	0.2074		49.6	50.0	-1.0	20.0
1,4-Dioxane	Ave	0.0770	0.0752	0.0050	610	625	-2.0	20.0
Dibromomethane	Ave	0.1990	0.1842		46.3	50.0	-7.0	20.0
Bromodichloromethane	Ave	0.3971	0.3813	0.2000	48.0	50.0	-4.0	20.0
2-Nitropropane	Ave	1.455	1.185		204	250	-19.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1710	0.1763		51.5	50.0	3.0	20.0
cis-1,3-Dichloropropene	Ave	0.4235	0.4181	0.2000	49.4	50.0	-1.0	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.3355	0.3307	0.1000	98.6	100	-1.0	20.0
Toluene	Ave	0.9496	1.039	0.4000	54.7	50.0	9.0	20.0
trans-1,3-Dichloropropene	Ave	0.4794	0.5129	0.1000	53.5	50.0	7.0	20.0
Ethyl methacrylate	Ave	0.4517	0.5254		58.2	50.0	16.0	20.0
1,1,2-Trichloroethane	Ave	0.3346	0.3586	0.1000	53.6	50.0	7.0	20.0
Tetrachloroethene	Ave	0.5332	0.4547	0.2000	42.6	50.0	-15.0	20.0
1,3-Dichloropropane	Ave	0.5015	0.5540		55.2	50.0	10.0	20.0
2-Hexanone	Ave	0.2815	0.2949	0.1000	105	100	5.0	20.0
Dibromochloromethane	Ave	0.4355	0.4180		48.0	50.0	-4.0	20.0
1,2-Dibromoethane (EDB)	Ave	0.3600	0.3503	0.1000	48.7	50.0	-3.0	20.0
1-Chlorohexane	Ave	0.5387	0.5854		54.3	50.0	9.0	20.0
Chlorobenzene	Ave	1.126	1.098	0.5000	48.8	50.0	-2.0	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4974	0.5046		50.7	50.0	1.0	20.0
Ethylbenzene	Ave	1.884	2.054	0.1000	54.5	50.0	9.0	20.0
m&p-Xylene	Ave	0.7479	0.7969	0.1000	107	100	7.0	20.0
o-Xylene	Ave	0.7798	0.8325	0.3000	53.4	50.0	7.0	20.0
Styrene	Ave	1.186	1.220	0.3000	51.5	50.0	3.0	20.0
Bromoform	Ave	0.3248	0.2829	0.1000	43.6	50.0	-13.0	20.0
Isopropylbenzene	Ave	2.154	2.437	0.1000	56.6	50.0	13.0	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8783	1.155	0.3000	65.8	50.0	32.0*	20.0
Bromobenzene	Ave	0.9202	0.8738		47.5	50.0	-5.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2197	0.2445		139	125	11.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Lab Sample ID: CCVIS 410-711283/3

Calibration Date: 10/09/2025 09:18

Instrument ID: 7159

Calib Start Date: 09/22/2025 18:51

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Calib End Date: 09/22/2025 22:59

Lab File ID: NC09X02.D

Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,2,3-Trichloropropane	Ave	0.3000	0.3309		55.1	50.0	10.0	20.0
N-Propylbenzene	Ave	3.866	5.066		65.5	50.0	31.0*	20.0
2-Chlorotoluene	Ave	0.8804	0.9616		54.6	50.0	9.0	20.0
1,3,5-Trimethylbenzene	Ave	3.048	3.815		62.6	50.0	25.0*	20.0
4-Chlorotoluene	Ave	0.8437	0.9055		53.7	50.0	7.0	20.0
tert-Butylbenzene	Ave	0.6759	0.7844		58.0	50.0	16.0	20.0
1,2,4-Trimethylbenzene	Ave	3.108	3.814		61.4	50.0	23.0*	20.0
sec-Butylbenzene	Ave	3.856	5.320		69.0	50.0	38.0*	20.0
1,3-Dichlorobenzene	Ave	1.727	1.756	0.6000	50.9	50.0	2.0	20.0
p-Isopropyltoluene	Ave	3.472	4.313		62.1	50.0	24.0*	20.0
1,4-Dichlorobenzene	Ave	1.722	1.753	0.5000	50.9	50.0	2.0	20.0
1,2,3-Trimethylbenzene	Ave	3.155	3.887		61.6	50.0	23.0*	20.0
Benzyl chloride	Ave	1.564	2.203		70.4	50.0	41.0*	20.0
1,3-Diethylbenzene	Ave	1.907	2.312		60.6	50.0	21.0*	20.0
1,4-Diethylbenzene	Ave	1.997	2.478		62.0	50.0	24.0*	20.0
n-Butylbenzene	Ave	1.487	2.080		69.9	50.0	40.0*	20.0
1,2-Dichlorobenzene	Ave	1.719	1.765	0.4000	51.4	50.0	3.0	20.0
1,2-Diethylbenzene	Ave	1.709	2.057		60.2	50.0	20.0	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2363	0.2617	0.0500	55.4	50.0	11.0	20.0
1,3,5-Trichlorobenzene	Ave	1.419	1.372		48.3	50.0	-3.0	20.0
1,2,4-Trichlorobenzene	Ave	1.320	1.277	0.2000	48.4	50.0	-3.0	20.0
Hexachlorobutadiene	Ave	0.5471	0.5094		46.6	50.0	-7.0	20.0
Naphthalene	Ave	3.922	4.392		56.0	50.0	12.0	20.0
1,2,3-Trichlorobenzene	Ave	1.352	1.321		48.9	50.0	-2.0	20.0
2-Methylnaphthalene	Ave	2.297	2.516		54.8	50.0	10.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2842	0.2537		44.6	50.0	-11.0	
1,2-Dichloroethane-d4 (Surr)	Ave	0.0641	0.0616		48.1	50.0	-4.0	
Toluene-d8 (Surr)	Ave	1.228	1.336		54.4	50.0	9.0	
4-Bromofluorobenzene (Surr)	Ave	0.4638	0.4643		50.1	50.0	0.0	

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D
 Lims ID: CCVIS
 Client ID:
 Sample Type: CCVIS
 Inject. Date: 09-Oct-2025 09:18:30 ALS Bottle#: 2 Worklist Smp#: 3
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162536-003
 Misc. Info.: CCVIS
 Operator ID: clm27445 Instrument ID: 7159
 Sublist: chrom-MSVoa_7159*sub21
 Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 10:36:43 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1695

First Level Reviewer: TQ4J

Date: 09-Oct-2025 10:36:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	2.025	2.025	0.000	99	1162815	50.0	50.5	
4 Chloromethane	50	2.228	2.228	0.000	99	1050978	50.0	63.7	
5 Butadiene	39	2.347	2.347	0.000	90	650955	50.0	61.1	
6 Vinyl chloride	62	2.357	2.357	0.000	98	1043203	50.0	62.6	
8 Bromomethane	94	2.707	2.707	0.000	90	688108	50.0	53.1	
9 Chloroethane	64	2.800	2.800	0.000	100	461345	50.0	60.2	
10 Dichlorofluoromethane	67	3.064	3.064	0.000	96	1214974	50.0	55.6	
11 Trichlorofluoromethane	101	3.138	3.138	0.000	95	1062663	50.0	47.6	
12 Pentane	43	3.173	3.173	0.000	97	643125	50.0	62.3	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.501	3.501	0.000	92	575552	50.0	57.8	
16 Acrolein	56	3.598	3.598	0.000	100	909500	487.9	459.6	
17 1,1-Dichloroethene	96	3.746	3.746	0.000	96	376121	50.0	49.0	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.791	3.791	0.000	92	553830	50.0	49.9	
19 Acetone	58	3.800	3.800	0.000	82	98134	100.0	98.1	
20 Iodomethane	142	3.948	3.948	0.000	97	733690	50.0	40.0	
21 Isopropyl alcohol	45	3.984	3.984	0.000	44	232425	250.0	185.1	
22 Carbon disulfide	76	4.061	4.061	0.000	98	1431146	50.0	55.8	
24 Methyl acetate	43	4.247	4.247	0.000	97	300034	50.0	51.9	
25 3-Chloro-1-propene	41	4.270	4.270	0.000	92	506542	50.0	56.6	
26 Methylene Chloride	84	4.469	4.469	0.000	88	432549	50.0	51.6	Ma
* 27 t-Butyl alcohol-d10 (IS)	65	4.501	4.501	0.000	95	434399	250.0	250.0	
28 2-Methyl-2-propanol	59	4.639	4.639	0.000	99	432667	250.0	235.8	
29 Acrylonitrile	53	4.848	4.848	0.000	99	446895	125.0	138.2	
32 Methyl tert-butyl ether	73	4.897	4.897	0.000	88	1300957	50.0	49.6	
31 trans-1,2-Dichloroethene	96	4.900	4.900	0.000	97	422080	50.0	49.3	
33 Hexane	57	5.340	5.340	0.000	95	627613	50.0	65.0	M
35 1,1-Dichloroethane	63	5.582	5.582	0.000	96	684908	50.0	53.0	
36 Isopropyl ether	45	5.643	5.643	0.000	94	1190255	50.0	57.0	
37 2-Chloro-1,3-butadiene	53	5.691	5.691	0.000	90	548405	50.0	50.7	
39 Tert-butyl ethyl ether	59	6.176	6.176	0.000	97	1215620	50.0	52.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 2-Butanone (MEK)	43	6.392	6.392	0.000	100	398857	100.0	96.2	
41 cis-1,2-Dichloroethene	96	6.411	6.411	0.000	80	470279	50.0	47.9	
43 2,2-Dichloropropane	77	6.434	6.434	0.000	88	721533	50.0	49.7	a
44 Propionitrile	54	6.485	6.485	0.000	99	388538	250.0	245.1	
46 Methacrylonitrile	67	6.694	6.694	0.000	80	466524	125.0	132.4	Ma
47 Chlorobromomethane	128	6.742	6.742	0.000	93	233208	50.0	43.5	
48 Tetrahydrofuran	71	6.755	6.755	0.000	84	344608	250.0	234.2	
49 Chloroform	83	6.890	6.890	0.000	92	730890	50.0	45.6	
\$ 50 Dibromofluoromethane (Surr)	113	7.106	7.106	0.000	93	352577	50.0	44.6	
51 1,1,1-Trichloroethane	97	7.115	7.115	0.000	98	731530	50.0	44.5	
52 Cyclohexane	56	7.212	7.212	0.000	88	822579	50.0	58.7	
53 Carbon tetrachloride	117	7.324	7.324	0.000	96	648636	50.0	42.2	
54 1,1-Dichloropropene	75	7.328	7.328	0.000	97	544839	50.0	51.2	
55 Isobutyl alcohol	41	7.479	7.479	0.000	95	291939	625.0	576.2	a
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.565	7.565	0.000	95	85546	50.0	48.1	
57 Benzene	78	7.591	7.591	0.000	96	1681721	50.0	53.2	
59 1,2-Dichloroethane	62	7.665	7.665	0.000	97	465820	50.0	45.3	
60 Tert-amyl methyl ether	73	7.781	7.781	0.000	99	1197175	50.0	51.0	
* 62 Fluorobenzene (IS)	96	7.993	7.993	0.000	97	1389482	50.0	50.0	
63 n-Heptane	43	7.993	7.993	0.000	69	545913	50.0	67.2	
64 n-Butanol	56	8.347	8.347	0.000	86	230665	625.0	595.7	
65 Trichloroethene	95	8.463	8.463	0.000	97	431657	50.0	46.2	
67 Methylcyclohexane	83	8.762	8.762	0.000	93	935739	50.0	55.7	
69 1,2-Dichloropropane	63	8.797	8.797	0.000	67	411086	50.0	55.1	
68 2-ethoxy-2-methyl butane	87	8.800	8.800	0.000	94	634655	50.0	50.1	
70 Methyl methacrylate	69	8.874	8.874	0.000	88	288147	50.0	49.6	
71 1,4-Dioxane	88	8.884	8.884	0.000	61	81713	625.0	610.4	
72 Dibromomethane	93	8.903	8.903	0.000	96	255990	50.0	46.3	
74 Dichlorobromomethane	83	9.135	9.135	0.000	99	529825	50.0	48.0	
75 2-Nitropropane	41	9.405	9.405	0.000	98	514651	250.0	203.5	
76 2-Chloroethyl vinyl ether	63	9.479	9.479	0.000	90	244899	50.0	51.5	
77 cis-1,3-Dichloropropene	75	9.652	9.652	0.000	98	580875	50.0	49.4	
78 4-Methyl-2-pentanone (MIBK)	43	9.823	9.823	0.000	95	918979	100.0	98.6	
\$ 79 Toluene-d8 (Surr)	98	9.948	9.948	0.000	93	1300995	50.0	54.4	
118 Toluene	92	10.022	10.022	0.000	98	1011499	50.0	54.7	
120 trans-1,3-Dichloropropene	75	10.263	10.263	0.000	90	499434	50.0	53.5	
121 Ethyl methacrylate	69	10.321	10.321	0.000	87	511630	50.0	58.2	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	90	349171	50.0	53.6	
123 Tetrachloroethene	166	10.543	10.543	0.000	96	442805	50.0	42.6	
124 1,3-Dichloropropane	76	10.620	10.620	0.000	87	539500	50.0	55.2	
126 2-Hexanone	43	10.671	10.671	0.000	95	574258	100.0	104.8	
128 Chlorodibromomethane	129	10.826	10.826	0.000	89	407098	50.0	48.0	
129 Ethylene Dibromide	107	10.935	10.935	0.000	99	341119	50.0	48.7	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	85	973810	50.0	50.0	
132 1-Chlorohexane	91	11.356	11.356	0.000	92	570101	50.0	54.3	
133 Chlorobenzene	112	11.379	11.379	0.000	96	1069306	50.0	48.8	
134 1,1,1,2-Tetrachloroethane	131	11.456	11.456	0.000	97	491352	50.0	50.7	
135 Ethylbenzene	91	11.459	11.459	0.000	98	2000282	50.0	54.5	
136 m-Xylene & p-Xylene	106	11.569	11.569	0.000	100	1551989	100.0	106.6	
138 o-Xylene	106	11.897	11.897	0.000	96	810667	50.0	53.4	
139 Styrene	104	11.909	11.909	0.000	94	1188469	50.0	51.5	
140 Bromoform	173	12.067	12.067	0.000	96	275470	50.0	43.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 Isopropylbenzene	105	12.186	12.186	0.000	95	2372984	50.0	56.6	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.327	12.327	0.000	89	452115	50.0	50.1	
145 1,1,2,2-Tetrachloroethane	83	12.427	12.427	0.000	93	597920	50.0	65.8	
146 Bromobenzene	156	12.446	12.446	0.000	95	452282	50.0	47.5	
147 trans-1,4-Dichloro-2-butene	53	12.453	12.453	0.000	93	316461	125.0	139.1	
148 1,2,3-Trichloropropane	110	12.472	12.472	0.000	83	171282	50.0	55.1	
149 N-Propylbenzene	91	12.511	12.511	0.000	99	2622163	50.0	65.5	
150 2-Chlorotoluene	126	12.588	12.588	0.000	97	497770	50.0	54.6	
151 1,3,5-Trimethylbenzene	105	12.639	12.639	0.000	94	1974678	50.0	62.6	
152 4-Chlorotoluene	126	12.678	12.678	0.000	97	468693	50.0	53.7	
154 tert-Butylbenzene	134	12.880	12.880	0.000	93	406045	50.0	58.0	
155 1,2,4-Trimethylbenzene	105	12.922	12.922	0.000	97	1974296	50.0	61.4	
157 sec-Butylbenzene	105	13.041	13.041	0.000	94	2753671	50.0	69.0	
158 1,3-Dichlorobenzene	146	13.141	13.141	0.000	97	909075	50.0	50.9	
159 4-Isopropyltoluene	119	13.147	13.147	0.000	97	2232589	50.0	62.1	
* 160 1,4-Dichlorobenzene-d4	152	13.196	13.196	0.000	94	517627	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.212	13.212	0.000	96	907245	50.0	50.9	
162 1,2,3-Trimethylbenzene	105	13.224	13.224	0.000	98	2012134	50.0	61.6	
163 Benzyl chloride	91	13.292	13.292	0.000	98	1140131	50.0	70.4	
164 1,3-Diethylbenzene	119	13.343	13.343	0.000	95	1196650	50.0	60.6	
165 p-Diethylbenzene	119	13.414	13.414	0.000	94	1282659	50.0	62.0	
166 n-Butylbenzene	92	13.433	13.433	0.000	97	1076907	50.0	69.9	
167 1,2-Dichlorobenzene	146	13.472	13.472	0.000	98	913852	50.0	51.4	
168 o-diethylbenzene	119	13.488	13.488	0.000	96	1064624	50.0	60.2	
170 1,2-Dibromo-3-Chloropropane	75	14.006	14.006	0.000	89	135474	50.0	55.4	
171 1,3,5-Trichlorobenzene	180	14.128	14.128	0.000	98	710050	50.0	48.3	
172 1,2,4-Trichlorobenzene	180	14.549	14.549	0.000	94	661017	50.0	48.4	
174 Hexachlorobutadiene	225	14.633	14.633	0.000	98	263662	50.0	46.6	
175 Naphthalene	128	14.736	14.736	0.000	97	2273669	50.0	56.0	
176 1,2,3-Trichlorobenzene	180	14.877	14.877	0.000	96	683848	50.0	48.9	
177 2-Methylnaphthalene	142	15.523	15.523	0.000	92	1302233	50.0	54.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00256	Amount Added: 5.00	Units: uL	
MSV_CCV_2CEVE_00249	Amount Added: 5.00	Units: uL	
MSV_CCV_VOC#3_00258	Amount Added: 4.00	Units: uL	
MSV_CCV_GASES_01144	Amount Added: 2.50	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 09-Oct-2025 10:36:44

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D

Injection Date: 09-Oct-2025 09:18:30

Instrument ID: 7159

Operator ID: clm27445

Lims ID: CCVIS

Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

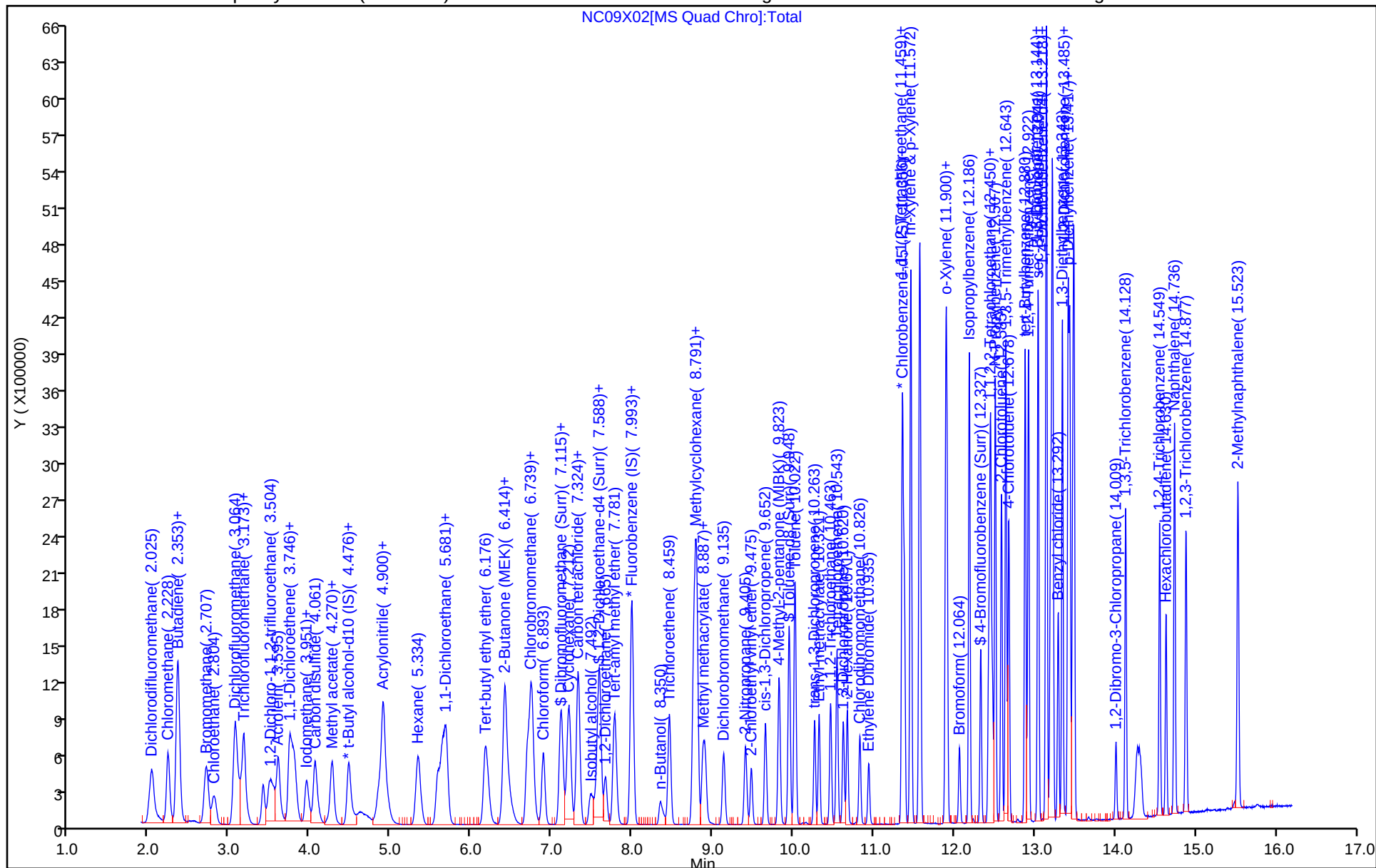
ALS Bottle#: 2

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

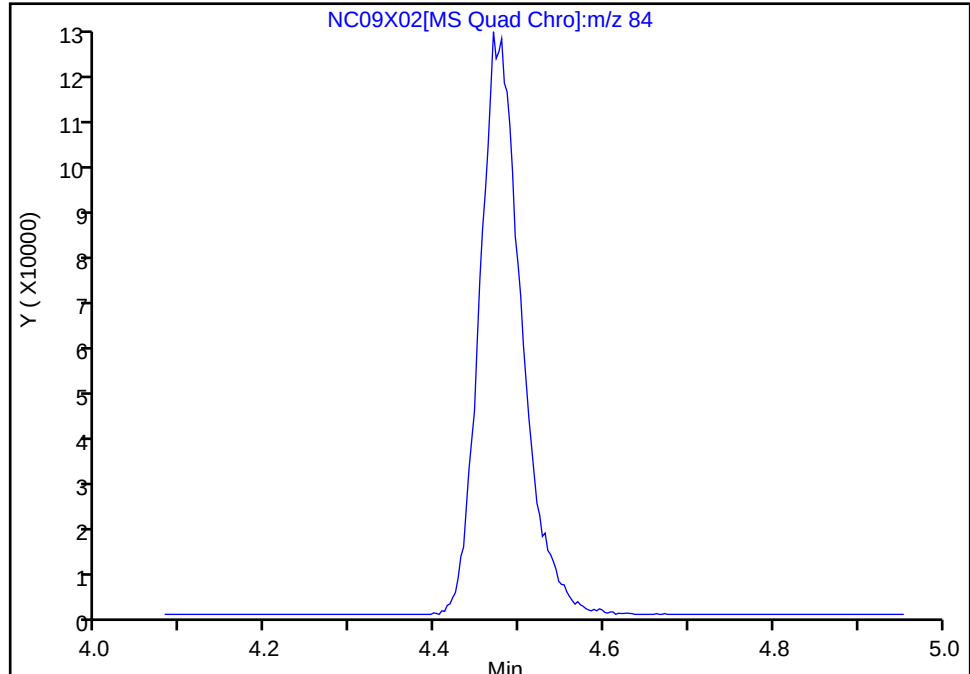
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D
Injection Date: 09-Oct-2025 09:18:30 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: clm27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

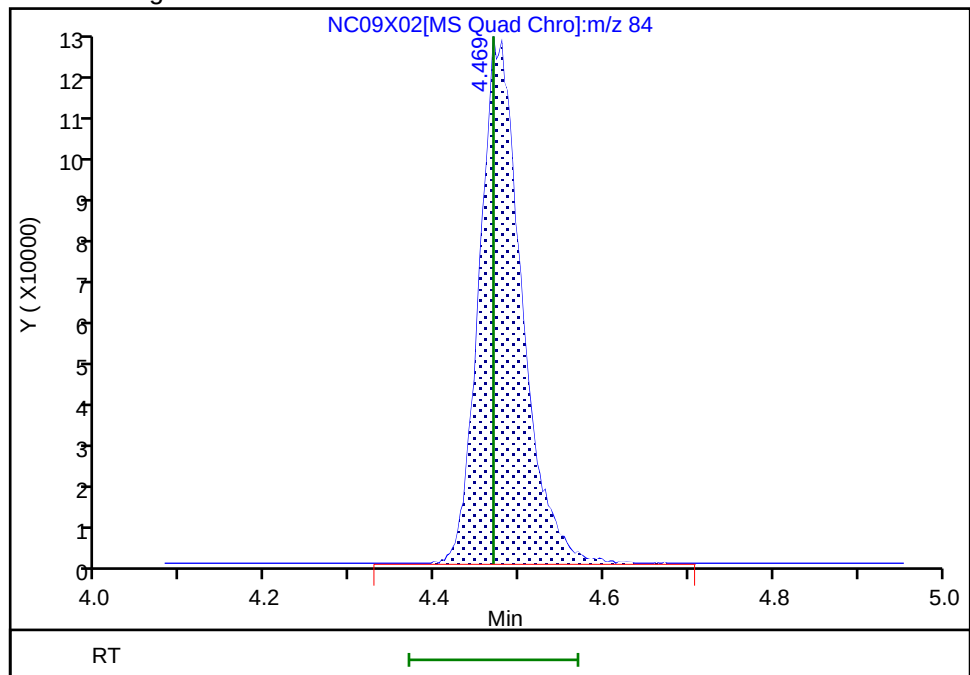
Not Detected
Expected RT: 4.47

Processing Integration Results



RT: 4.47
Area: 432549
Amount: 51.580863
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:08:03 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

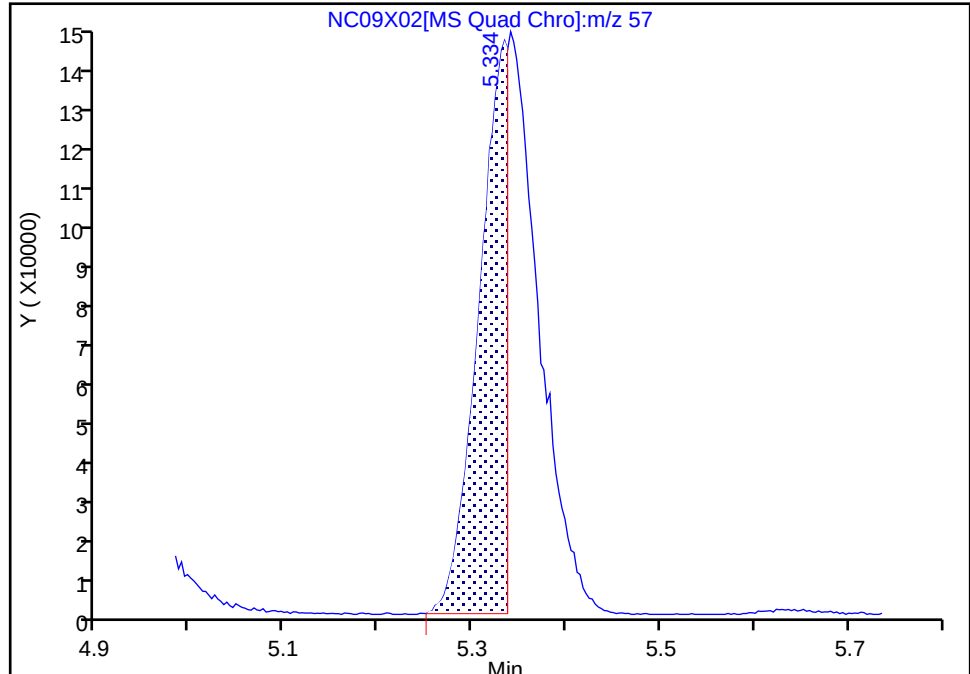
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D
Injection Date: 09-Oct-2025 09:18:30 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: clm27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

33 Hexane, CAS: 110-54-3

Signal: 1

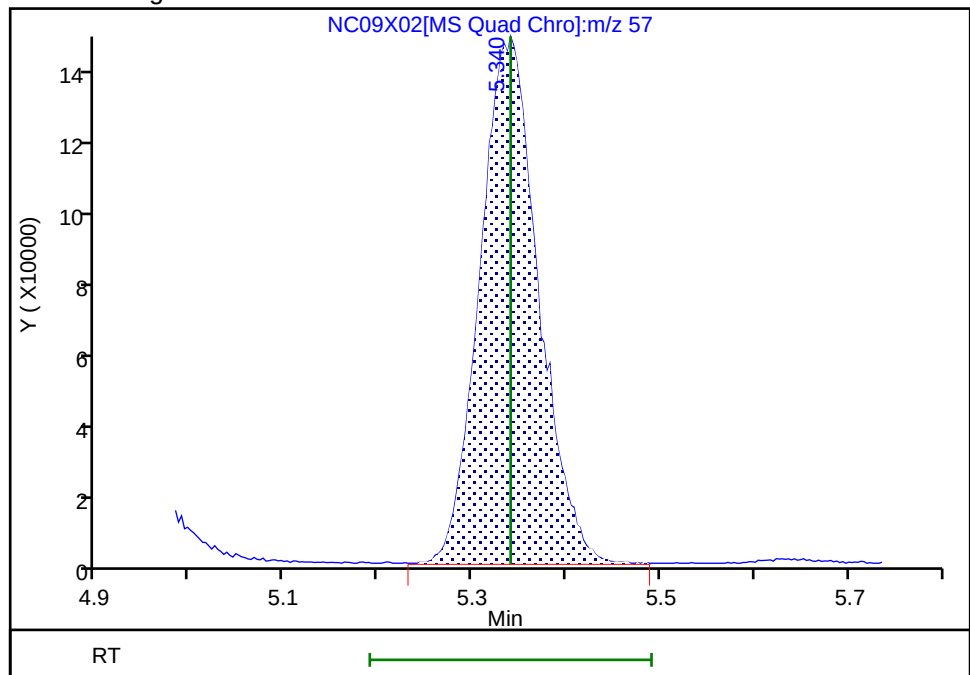
RT: 5.33
Area: 305851
Amount: 31.664965
Amount Units: ug/l

Processing Integration Results



RT: 5.34
Area: 627613
Amount: 64.977207
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:08:12 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

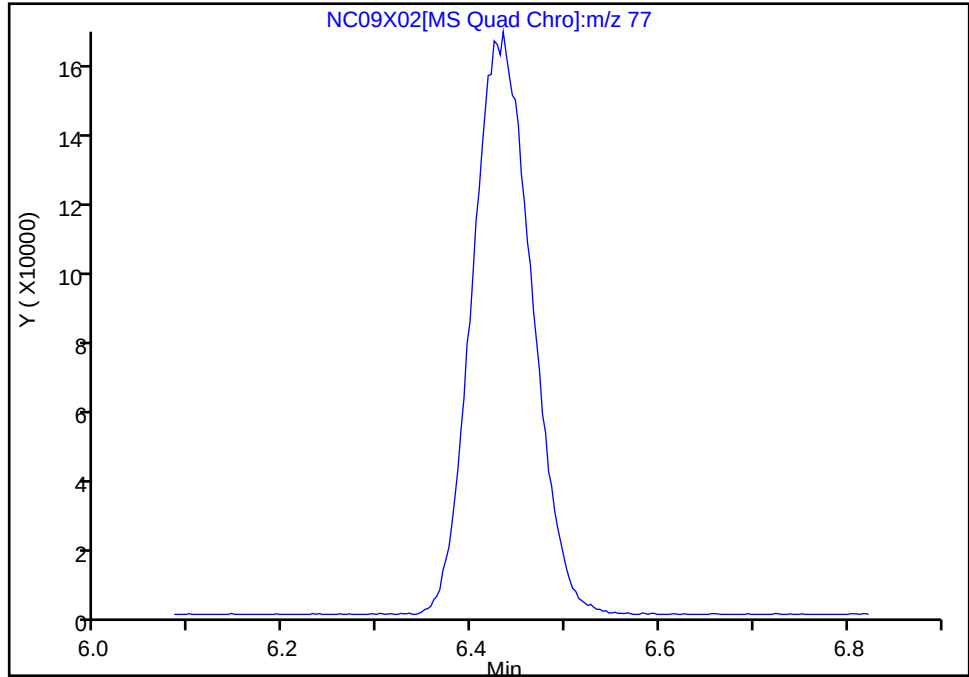
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D
Injection Date: 09-Oct-2025 09:18:30 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: clm27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

43 2,2-Dichloropropane, CAS: 594-20-7

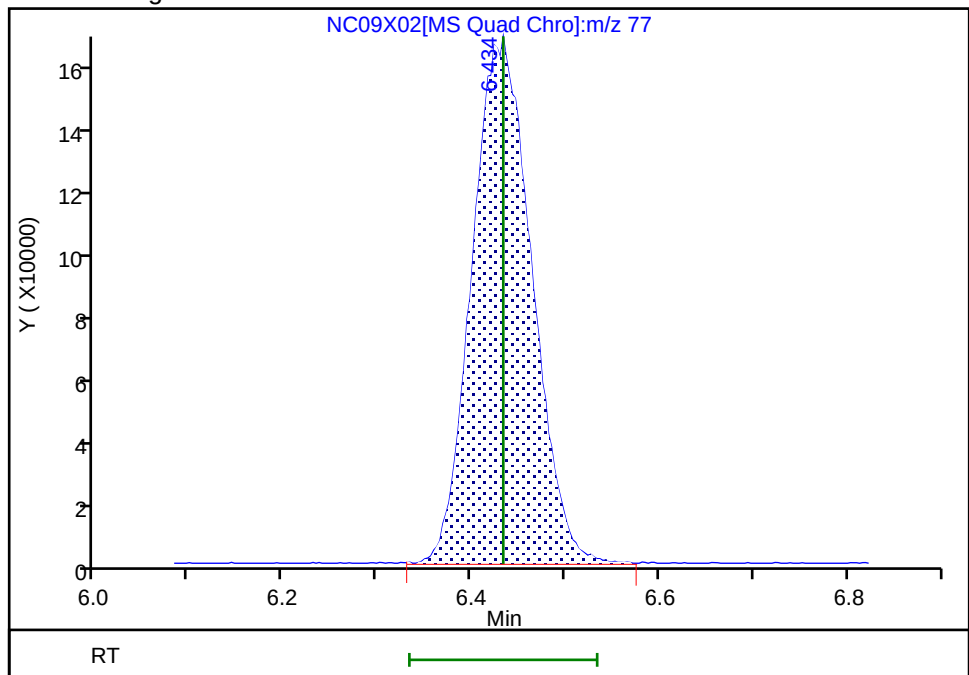
Signal: 1

Not Detected
Expected RT: 6.43

Processing Integration Results



Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:08:20 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

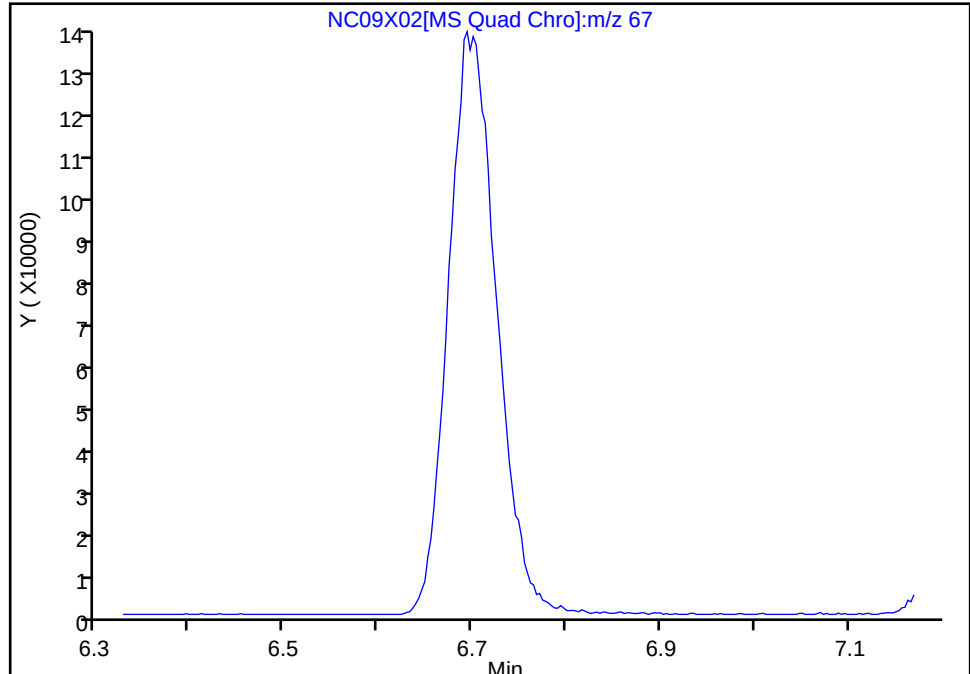
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D
Injection Date: 09-Oct-2025 09:18:30 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: clm27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

46 Methacrylonitrile, CAS: 126-98-7

Signal: 1

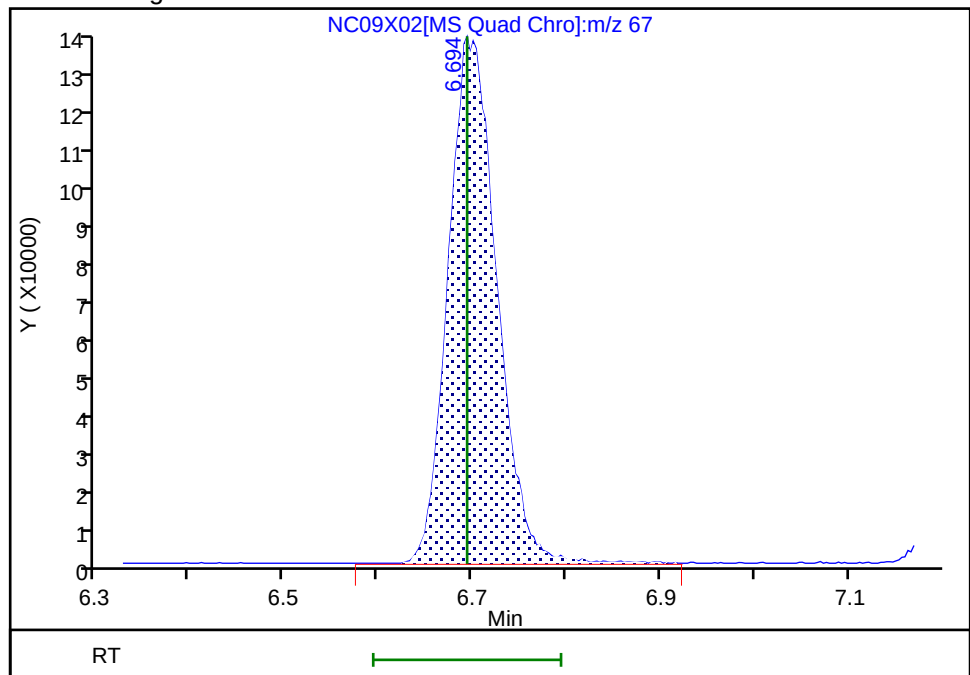
Not Detected
Expected RT: 6.69

Processing Integration Results



RT: 6.69
Area: 466524
Amount: 132.3895
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:08:33 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

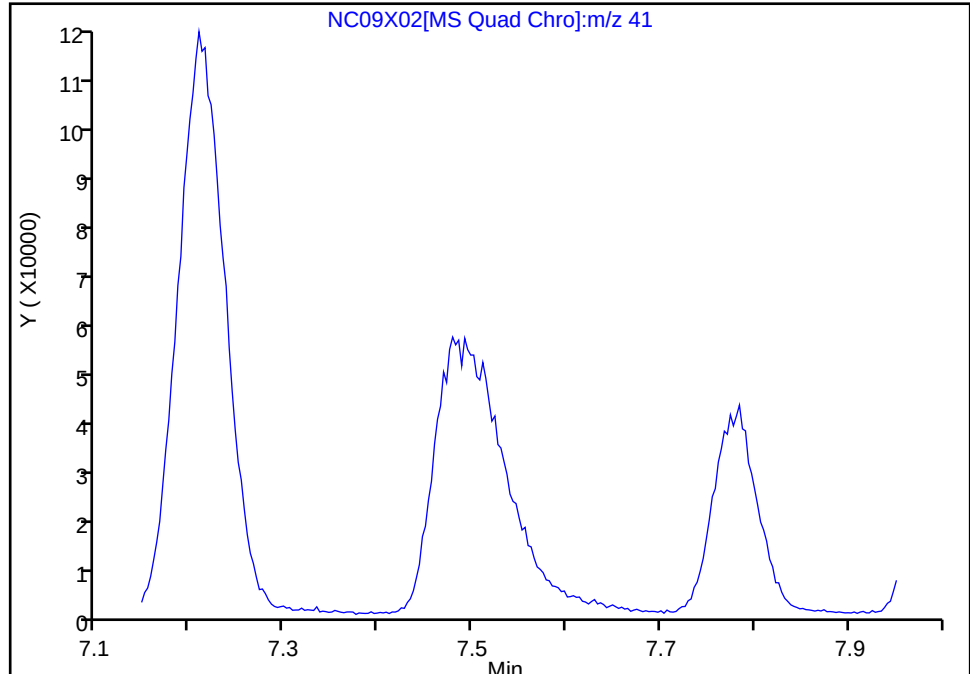
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X02.D
Injection Date: 09-Oct-2025 09:18:30 Instrument ID: 7159
Lims ID: CCVIS
Client ID:
Operator ID: clm27445 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

55 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

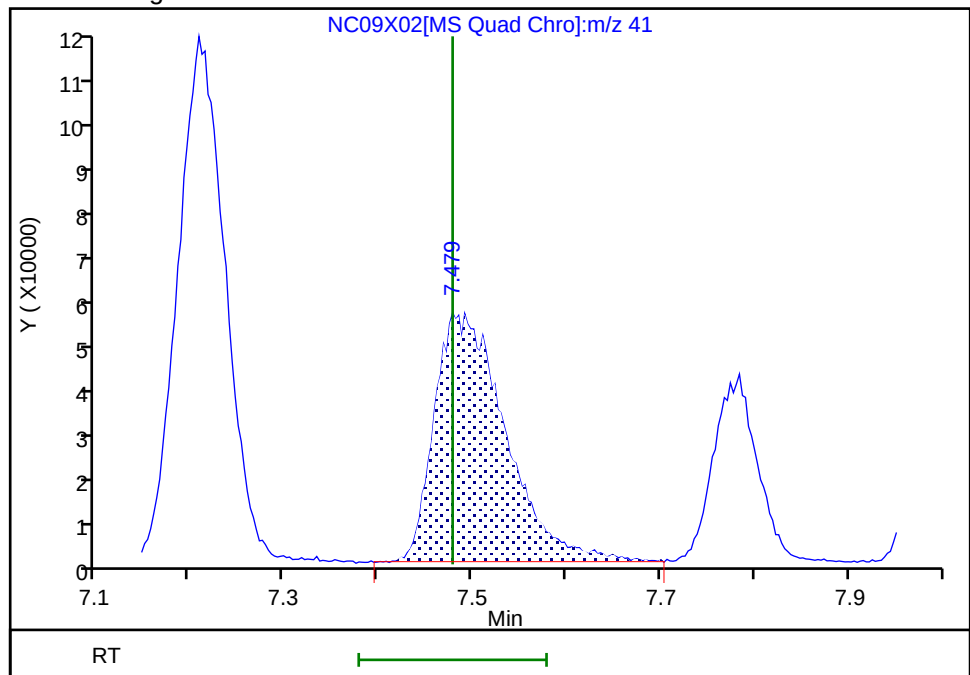
Not Detected
Expected RT: 7.48

Processing Integration Results



RT: 7.48
Area: 291939
Amount: 576.2462
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:08:46 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 07-Oct-2025 16:30:54 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0162303-001
Operator ID: mcd07824 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 06:47:31 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1615

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 29 BFB	95	4.561	4.561	0.000	0	1191093	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D

Injection Date: 07-Oct-2025 16:30:54

Instrument ID: 15830

Lims ID: bfb

Client ID:

Operator ID: mcd07824

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

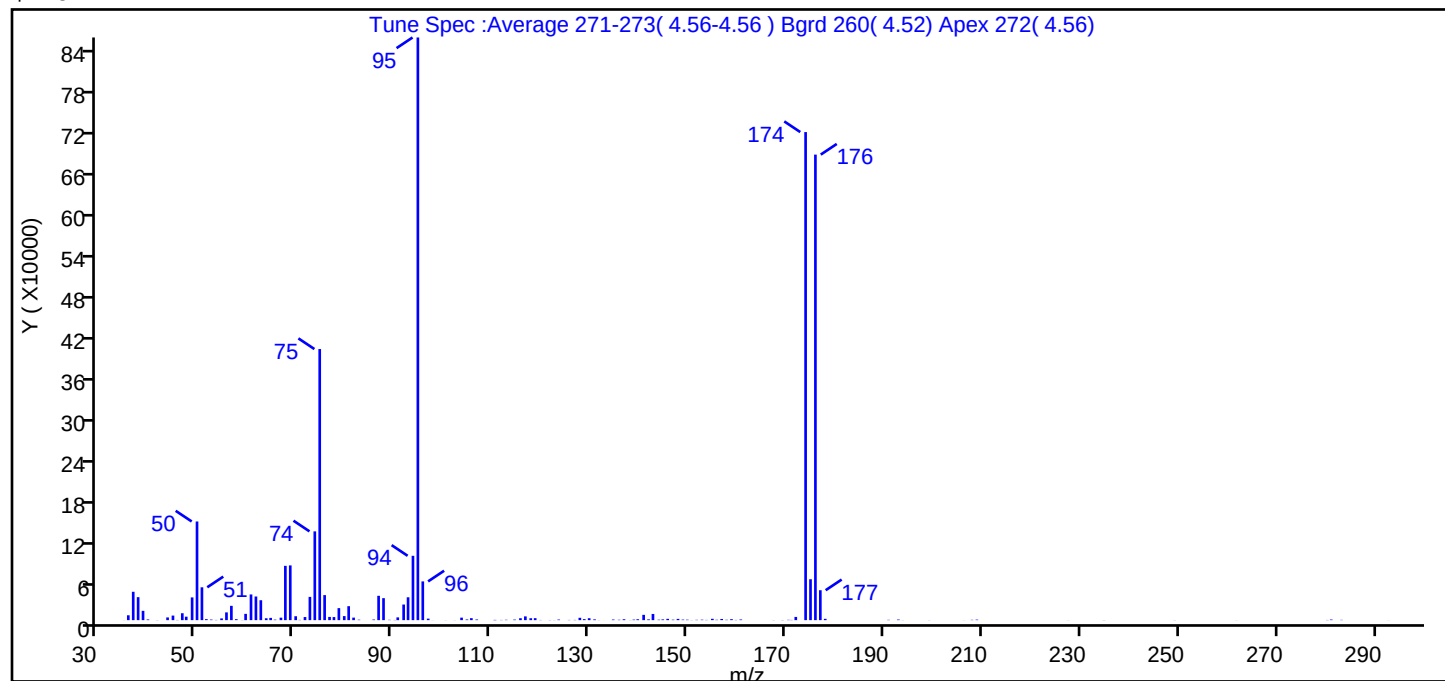
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 29 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.9
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	83.8
175	5 to 9% of m/z 174	7.0 (8.4)
176	Greater than 95% but less than 101% of m/z 174	79.9 (95.4)
177	5 to 9% of m/z 176	5.1 (6.4)

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D\MSVoa_15830_PT2.rsl\spectra.c
Injection Date: 07-Oct-2025 16:30:54
Spectrum: Tune Spec :Average 271-273(4.56-4.56) Bgrd 260(4.52) Apex 272(4.56)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	104	72.00	4531	115.00	821	153.00	680
36.00	7110	73.00	34024	116.00	2792	154.00	331
37.00	41488	74.00	129864	117.00	5498	155.00	1977
38.00	33608	75.00	396544	118.00	2798	156.00	546
39.00	13623	76.00	36624	119.00	2896	157.00	1718
40.00	1030	77.00	4713	120.00	274	158.00	522
42.00	167	78.00	4496	122.00	234	159.00	1400
44.00	3960	79.00	17568	123.00	133	160.00	315
45.00	6671	80.00	5923	124.00	871	161.00	976
46.00	279	81.00	20416	126.00	314	168.00	151
47.00	10107	82.00	3692	127.00	341	169.00	225
48.00	5081	83.00	651	128.00	3447	170.00	478
49.00	33240	86.00	913	129.00	1481	171.00	318
50.00	144320	87.00	35608	130.00	2815	172.00	4709
51.00	48056	88.00	32176	131.00	1141	174.00	713920
52.00	1471	89.00	470	132.00	128	175.00	59848
53.00	839	90.00	270	133.00	44	176.00	680960
54.00	312	91.00	4036	135.00	907	177.00	43768
55.00	2542	92.00	22848	136.00	544	178.00	1904
56.00	11355	93.00	33440	137.00	1305	191.00	470
57.00	20936	94.00	94096	138.00	126	193.00	874
58.00	1425	95.00	852288	139.00	751	194.00	122
59.00	149	96.00	56664	140.00	1319	199.00	134
60.00	9189	97.00	2198	141.00	7746	206.00	86
61.00	37592	98.00	84	142.00	1124	208.00	460
62.00	34608	101.00	107	143.00	9049	209.00	762
63.00	29128	102.00	99	144.00	662	228.00	107
64.00	2754	104.00	3652	145.00	1076	235.00	170
65.00	3317	105.00	966	146.00	1917	249.00	147
66.00	743	106.00	2883	147.00	674	262.00	93
67.00	3628	107.00	955	148.00	1826	280.00	266
68.00	79416	111.00	306	149.00	787	281.00	892
69.00	80064	111.00	310	150.00	688	283.00	412

Report Date: 08-Oct-2025 06:47:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D\MSVoa_15830_PT2.rslt\spectra.

Injection Date: 07-Oct-2025 16:30:54

Spectrum: Tune Spec :Average 271-273(4.56-4.56) Bgrd 260(4.52) Apex 272(4.56)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 139

m/z	Y	m/z	Y	m/z	Y	m/z	Y
70.00	5717	112.00	303	151.00	144	293.00	86
71.00	353	113.00	549	152.00	475		

Report Date: 08-Oct-2025 06:47:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07T51.D

Injection Date: 07-Oct-2025 16:30:54

Instrument ID: 15830

Operator ID: mcd07824

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

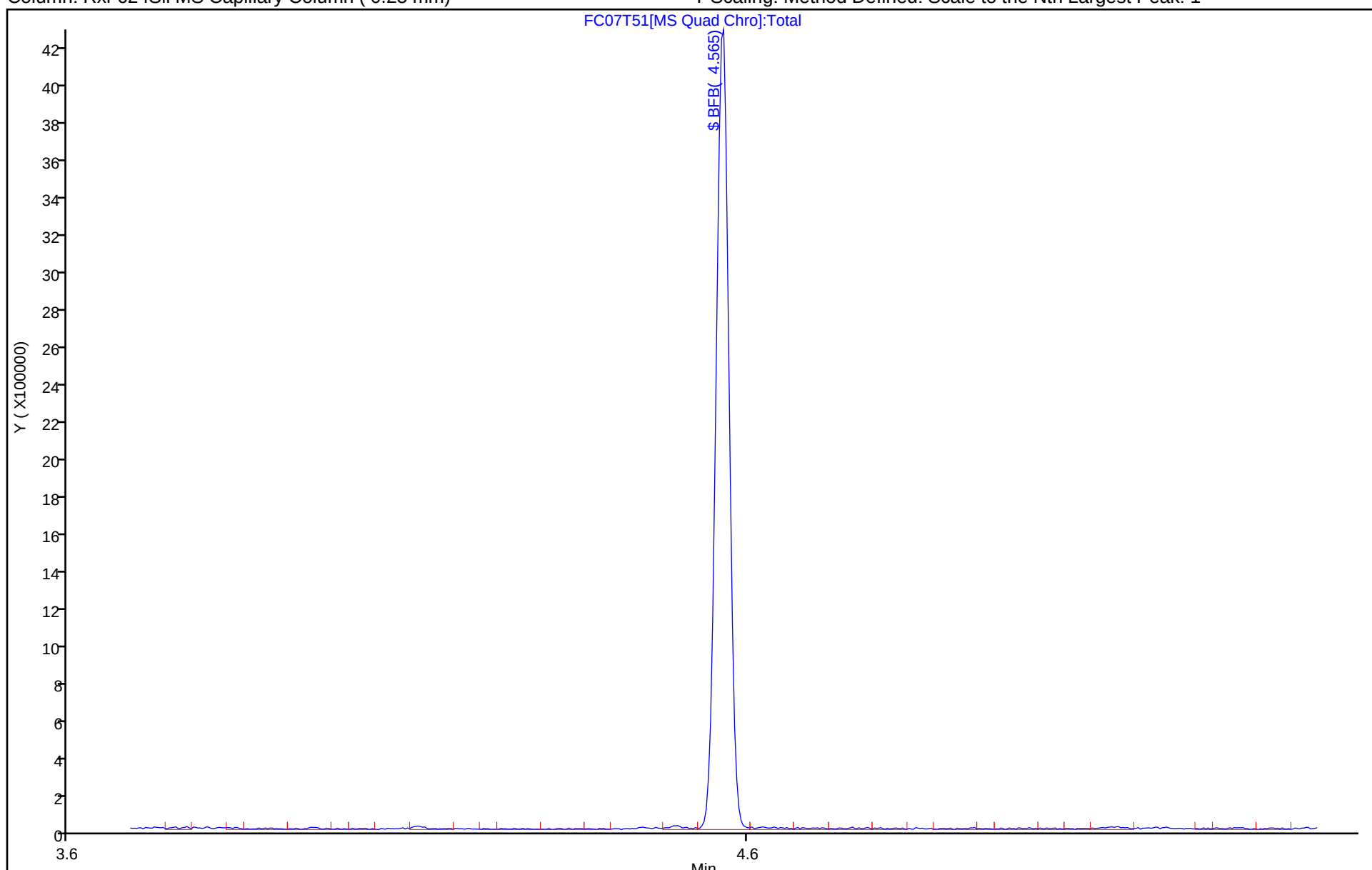
ALS Bottle#: 1

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Oct-2025 09:58:59 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0165421-001
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:17:05 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: D9QF

Date: 10-Oct-2025 09:17:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 29 BFB	95	4.561	4.561	0.000	0	1394813	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09T01.D

Injection Date: 09-Oct-2025 09:58:59

Instrument ID: 15830

Lims ID: BFB

Client ID:

Operator ID: lcp00895

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

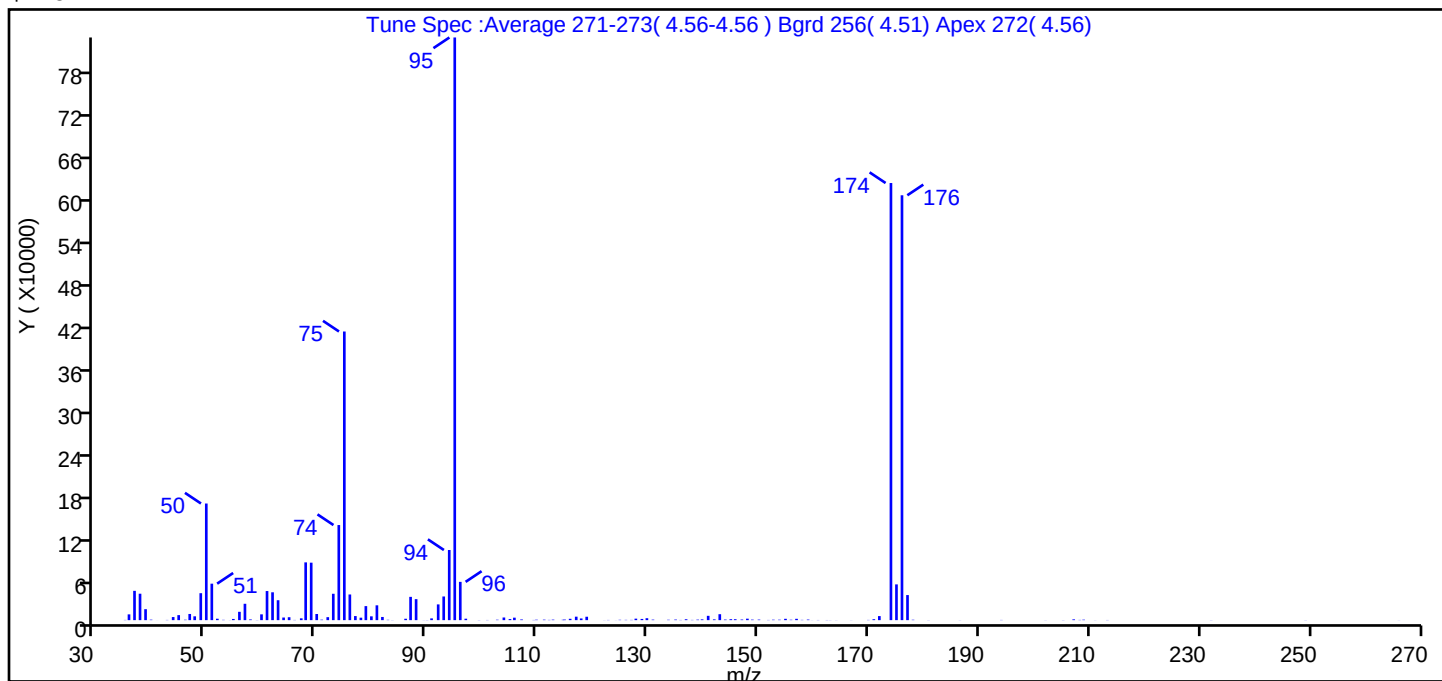
Dil. Factor: 1.0000

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 29 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.0
75	30 to 60% of m/z 95	49.5
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	75.0
175	5 to 9% of m/z 174	6.1 (8.2)
176	Greater than 95% but less than 101% of m/z 174	72.9 (97.2)
177	5 to 9% of m/z 176	4.3 (5.9)

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09T01.D\MSVoa_15830_PT2.rsl\tspectra.c
Injection Date: 09-Oct-2025 09:58:59
Spectrum: Tune Spec :Average 271-273(4.56-4.56) Bgrd 256(4.51) Apex 272(4.56)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	304	72.00	4211	113.00	725	154.00	637
36.00	8164	73.00	37320	115.00	518	155.00	1899
37.00	41456	74.00	134528	115.00	793	156.00	577
38.00	37392	75.00	408320	116.00	1920	157.00	1883
39.00	15504	76.00	36312	117.00	4906	158.00	387
40.00	677	77.00	5771	118.00	2383	159.00	829
41.00	44	78.00	3484	119.00	4820	160.00	87
43.00	301	79.00	19856	122.00	109	161.00	244
44.00	4373	80.00	5387	123.00	284	162.00	216
45.00	7081	81.00	20968	124.00	89	163.00	134
46.00	582	82.00	4485	125.00	493	164.00	115
47.00	8726	83.00	474	126.00	393	167.00	111
48.00	5412	84.00	147	127.00	342	170.00	318
49.00	38136	86.00	1974	128.00	2096	171.00	1319
50.00	164992	87.00	32936	129.00	1708	172.00	5742
51.00	51592	88.00	29696	130.00	2724	174.00	618368
52.00	2006	89.00	107	131.00	737	175.00	50584
53.00	424	90.00	173	134.00	550	176.00	601024
54.00	106	91.00	2484	135.00	825	177.00	35472
55.00	1682	92.00	22272	136.00	275	178.00	562
56.00	11791	93.00	33480	137.00	1253	181.00	155
57.00	23152	94.00	99208	138.00	329	186.00	130
58.00	1002	95.00	824256	139.00	728	194.00	297
59.00	163	96.00	54160	140.00	1086	202.00	120
60.00	8207	97.00	2038	141.00	6106	205.00	168
61.00	41168	99.00	192	142.00	1088	207.00	1095
62.00	39392	101.00	252	143.00	8404	208.00	327
63.00	28184	103.00	612	144.00	817	209.00	655
64.00	3698	104.00	3743	145.00	1356	211.00	106
65.00	4139	105.00	1545	146.00	1313	213.00	241
66.00	292	106.00	3505	147.00	868	232.00	165
67.00	2560	107.00	965	148.00	2070	249.00	156
68.00	81720	109.00	276	149.00	737	266.00	100

Report Date: 10-Oct-2025 09:17:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09T01.D\MSVoa_15830_PT2.rslt\spectra.

Injection Date: 09-Oct-2025 09:58:59

Spectrum: Tune Spec :Average 271-273(4.56-4.56) Bgrd 256(4.51) Apex 272(4.56)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 141

m/z	Y	m/z	Y	m/z	Y	m/z	Y
69.00	81304	110.00	623	150.00	787		
70.00	8680	111.00	694	152.00	283		
71.00	663	112.00	344	153.00	630		

Report Date: 10-Oct-2025 09:17:06

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC09T01.D

Injection Date: 09-Oct-2025 09:58:59

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

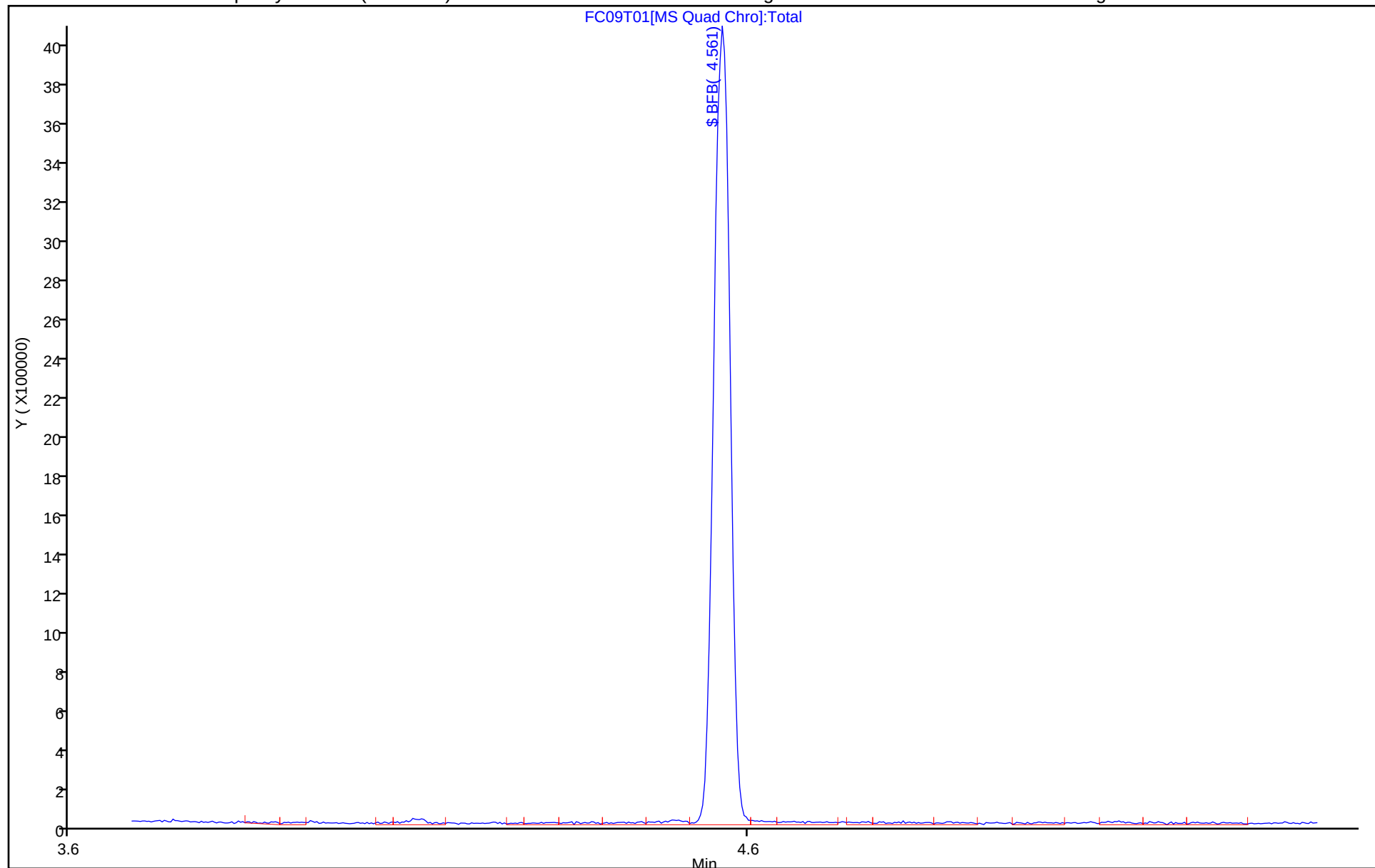
ALS Bottle#: 1

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 11-Aug-2025 14:51:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0156173-001
Misc. Info.: BFB
Operator ID: knk41612 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 12-Aug-2025 01:36:32 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1674

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 35 BFB	95	4.400	4.400	0.000	0	414528	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D

Injection Date: 11-Aug-2025 14:51:30

Instrument ID: 26285

Lims ID: bfb

Client ID:

Operator ID: knk41612

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

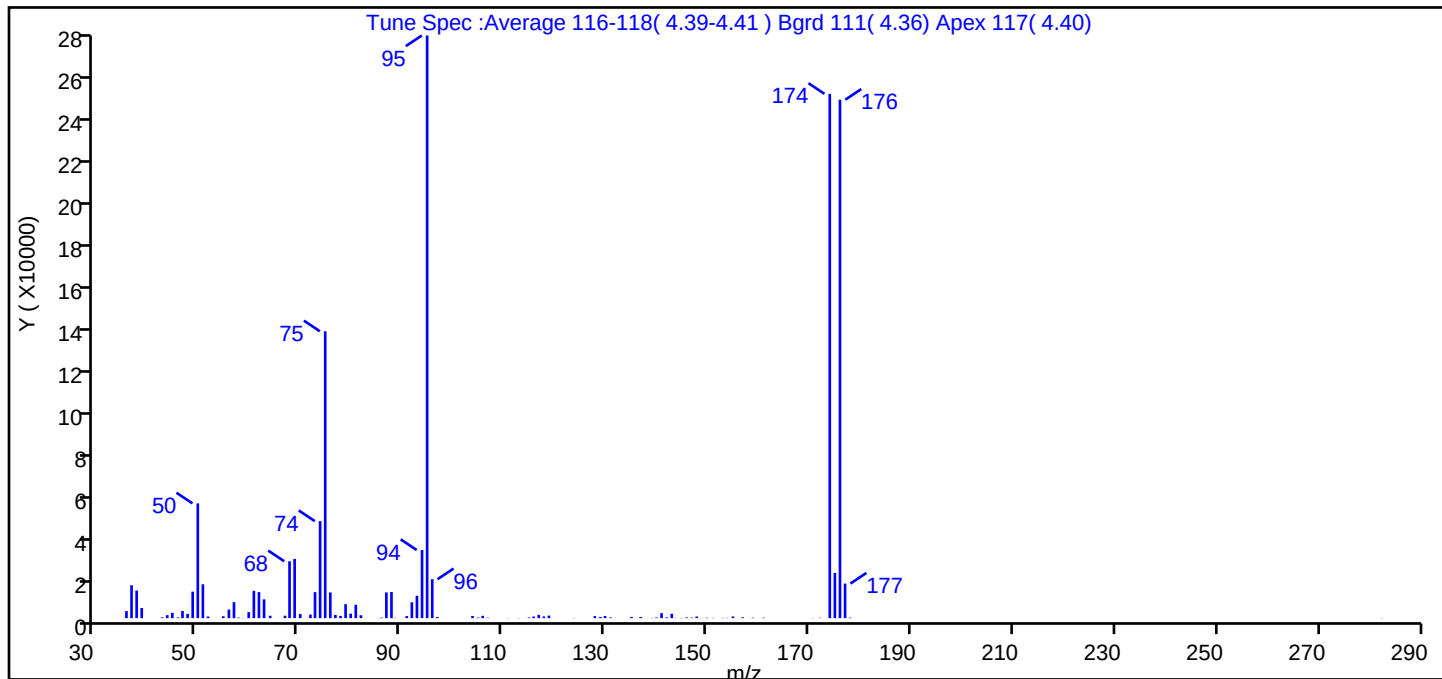
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 35 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	19.7
75	30 to 60% of m/z 95	49.2
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	90.0
175	5 to 9% of m/z 174	7.8 (8.6)
176	Greater than 95% but less than 101% of m/z 174	89.0 (98.9)
177	5 to 9% of m/z 176	5.9 (6.7)

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D\MSVoa_26285a.rslt\spectra.d
Injection Date: 11-Aug-2025 14:51:30
Spectrum: Tune Spec :Average 116-118(4.39-4.41) Bgrd 111(4.36) Apex 117(4.40)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 96

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3334	67.00	1141	95.00	274688	142.00	376
37.00	15513	68.00	26816	96.00	18352	143.00	2052
38.00	13022	69.00	27944	97.00	544	144.00	108
39.00	4779	70.00	1987	104.00	1031	145.00	88
43.00	358	72.00	1688	105.00	270	146.00	350
44.00	1409	73.00	12262	106.00	1096	147.00	234
45.00	2488	74.00	45736	107.00	190	148.00	771
46.00	338	75.00	135232	111.00	93	149.00	95
47.00	3356	76.00	12098	113.00	87	150.00	197
48.00	2017	77.00	1504	115.00	308	151.00	135
49.00	12484	78.00	1041	116.00	761	153.00	122
50.00	54096	79.00	6556	117.00	1525	154.00	120
51.00	15961	80.00	2102	118.00	803	155.00	782
52.00	766	81.00	6321	119.00	1188	157.00	415
55.00	877	82.00	1373	124.00	93	159.00	234
56.00	4029	86.00	94	128.00	955	161.00	219
57.00	7541	86.00	251	129.00	539	171.00	93
58.00	244	87.00	12118	130.00	1011	172.00	180
59.00	90	88.00	12342	131.00	326	174.00	247168
60.00	2829	89.00	130	135.00	587	175.00	21312
61.00	12891	91.00	982	137.00	559	176.00	244416
62.00	12277	92.00	7488	139.00	114	177.00	16294
63.00	8858	93.00	10562	140.00	319	178.00	256
64.00	1128	94.00	32112	141.00	2335	282.00	87

Report Date: 12-Aug-2025 01:36:37

Chrom Revision: 2.3 25-Jul-2025 13:52:40

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11T01.D

Injection Date: 11-Aug-2025 14:51:30

Instrument ID: 26285

Operator ID: knk41612

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

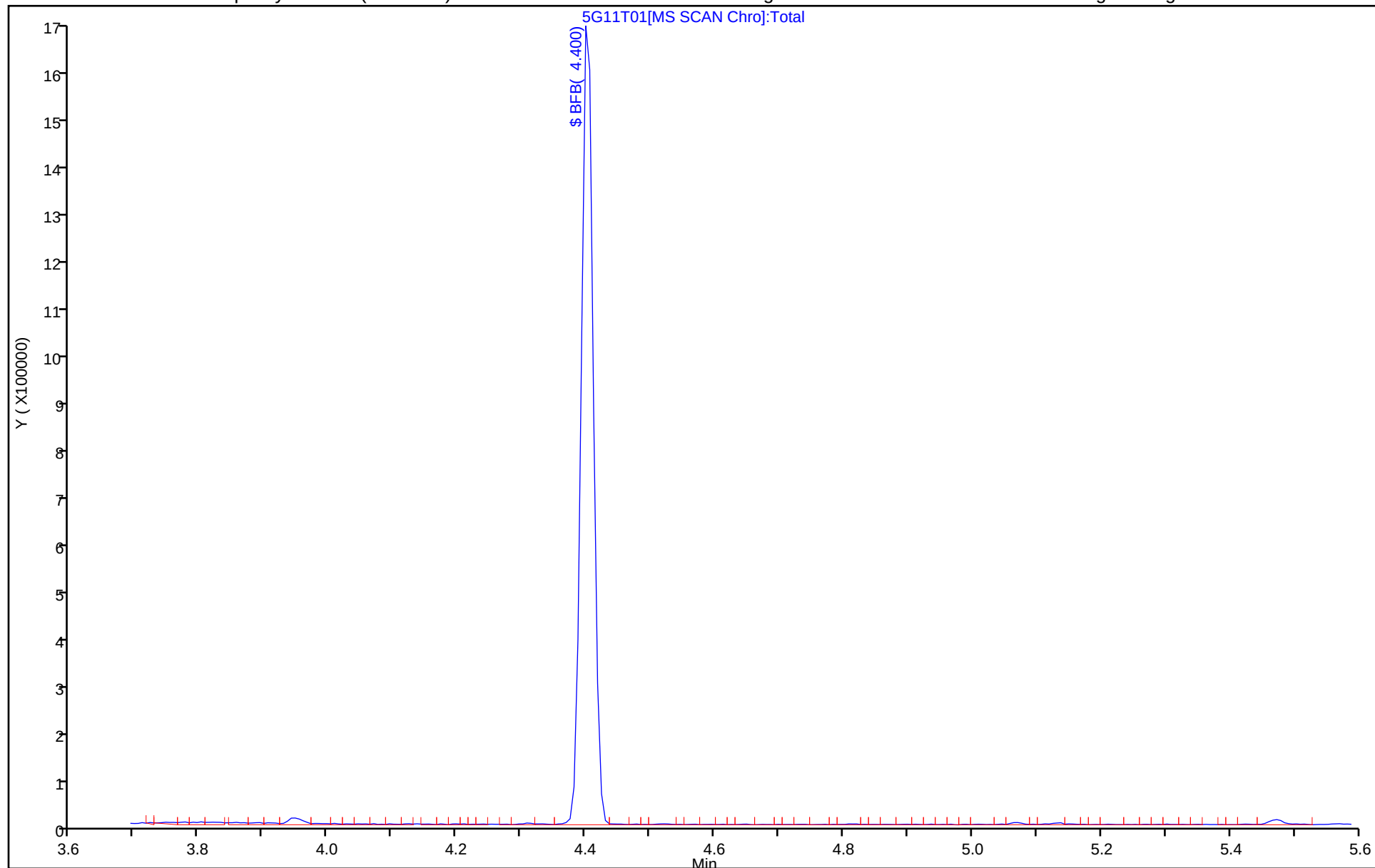
ALS Bottle#: 1

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07T51.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 07-Oct-2025 21:54:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0162333-001
Misc. Info.: BFB
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 13:58:37 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:58:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 39 BFB	95	4.339	4.339	0.000	0	429955	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07T51.D

Injection Date: 07-Oct-2025 21:54:30

Instrument ID: 26285

Lims ID: BFB

Client ID:

Operator ID: KEL87800

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

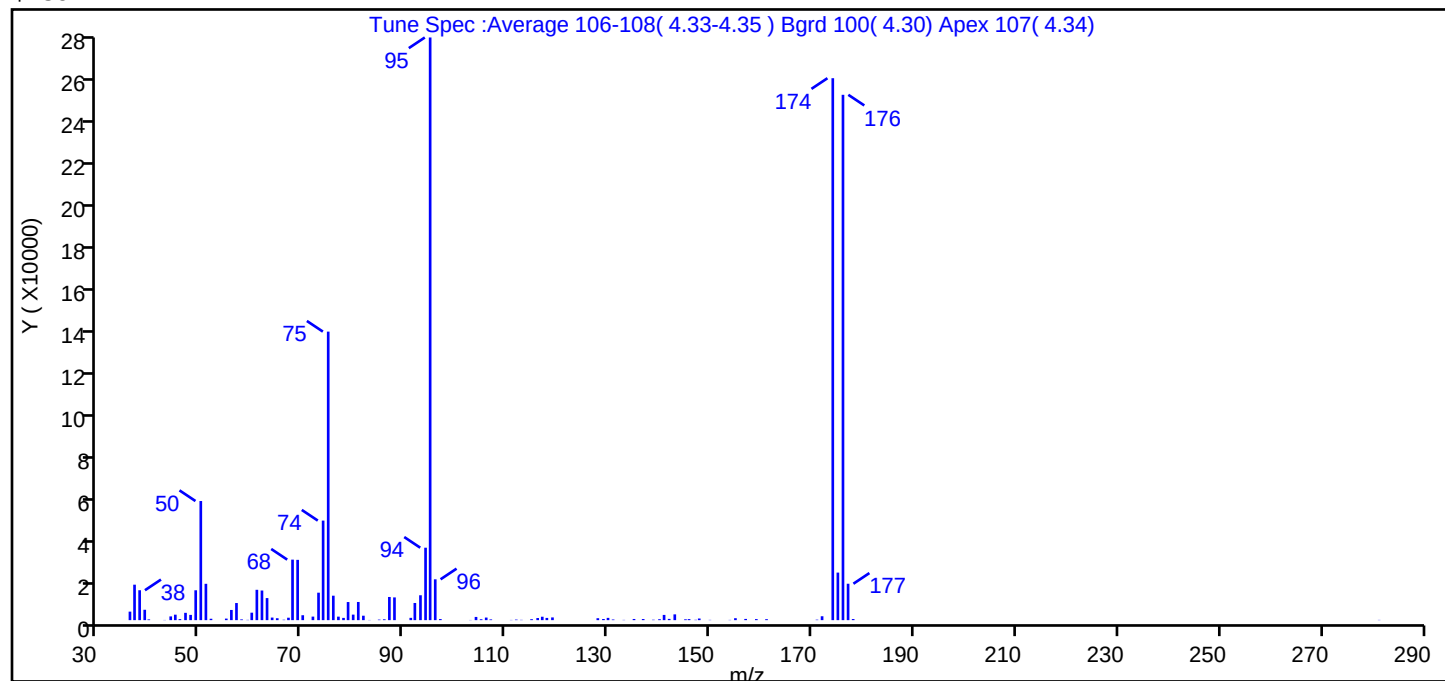
Dil. Factor: 1.0000

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

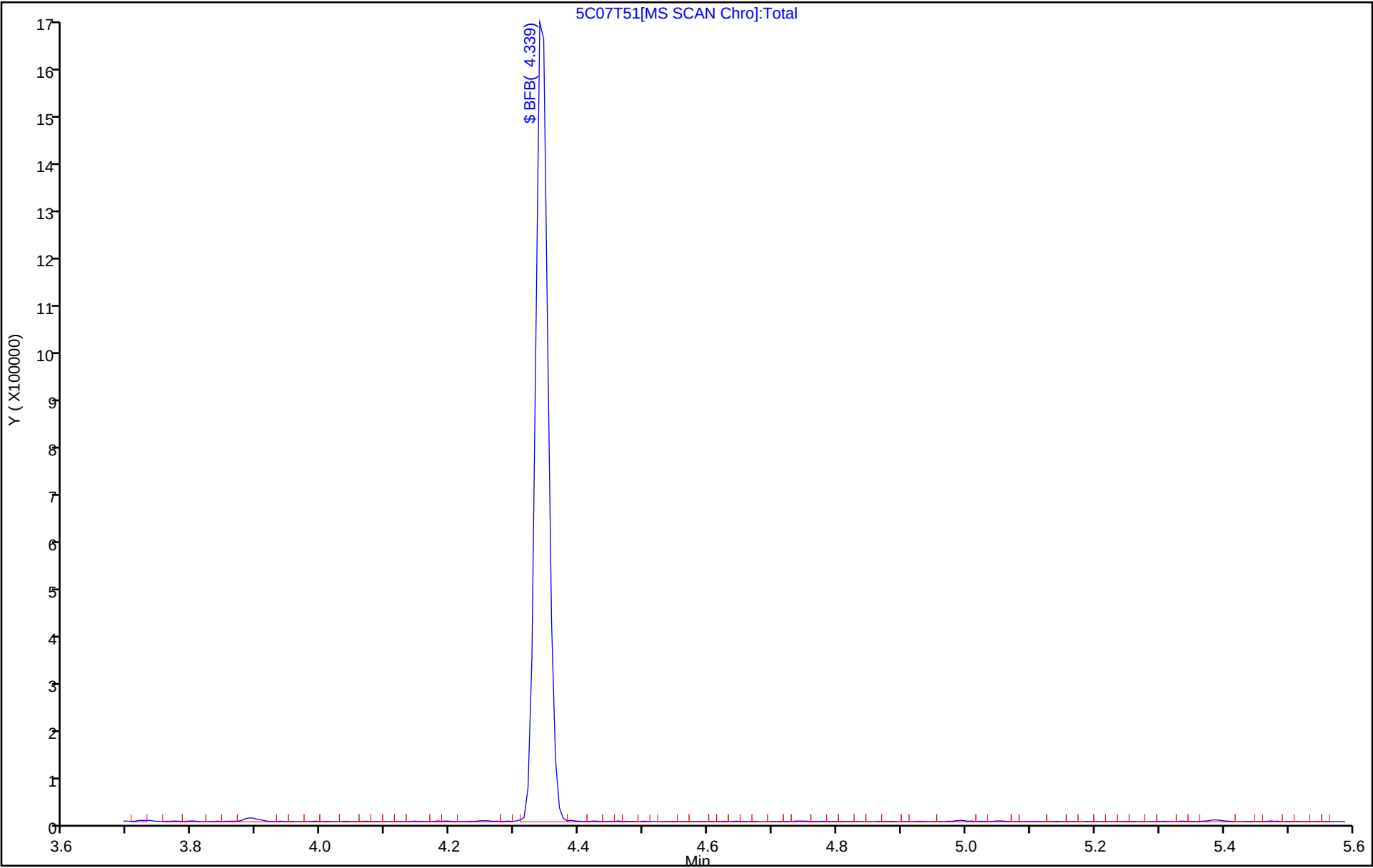
\$ 39 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	20.4
75	30 to 60% of m/z 95	49.5
96	5 to 9% of m/z 95	7.0
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	93.0
175	5 to 9% of m/z 174	8.2 (8.8)
176	Greater than 95% but less than 101% of m/z 174	90.2 (96.9)
177	5 to 9% of m/z 176	6.2 (6.9)

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07T51.D\MSVoa_26285a.rslt\spectra.d
Injection Date: 07-Oct-2025 21:54:30
Spectrum: Tune Spec :Average 106-108(4.33-4.35) Bgrd 100(4.30) Apex 107(4.34)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 97

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3974	65.00	895	94.00	33808	140.00	432
37.00	16552	66.00	194	95.00	271936	141.00	2440
38.00	13960	67.00	1135	96.00	19056	142.00	581
39.00	4843	68.00	28240	97.00	502	143.00	2697
40.00	339	69.00	28136	103.00	88	145.00	384
43.00	90	70.00	2296	104.00	1497	146.00	483
44.00	1746	72.00	1653	105.00	413	147.00	157
45.00	2552	73.00	12813	106.00	1206	148.00	758
46.00	479	74.00	46464	107.00	341	150.00	123
47.00	3414	75.00	134656	111.00	95	154.00	112
48.00	2449	76.00	11411	112.00	260	155.00	905
49.00	13940	77.00	1635	113.00	134	157.00	571
50.00	55592	78.00	1051	115.00	440	159.00	486
51.00	16960	79.00	8449	116.00	986	161.00	451
52.00	648	80.00	2581	117.00	1594	171.00	222
55.00	721	81.00	8481	118.00	1036	172.00	1815
56.00	4756	82.00	2069	119.00	1270	174.00	252928
57.00	7987	83.00	85	128.00	899	175.00	22192
58.00	347	85.00	253	129.00	529	176.00	245184
59.00	128	86.00	388	130.00	1061	177.00	16992
60.00	3482	87.00	10813	131.00	300	178.00	515
61.00	14161	88.00	10611	133.00	118	281.00	114
62.00	13827	91.00	1071	135.00	542		
63.00	10299	92.00	8010	137.00	515		
64.00	1202	93.00	11612	139.00	196		



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 22-Sep-2025 14:37:48 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0160533-001
Misc. Info.: BFB
Operator ID: kas02648 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 23-Sep-2025 05:03:15 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1648

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 30 BFB	95	4.880	4.880	0.000	0	332171	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D

Injection Date: 22-Sep-2025 14:37:48

Instrument ID: 7159

Lims ID: bfb

Client ID:

Operator ID: kas02648

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

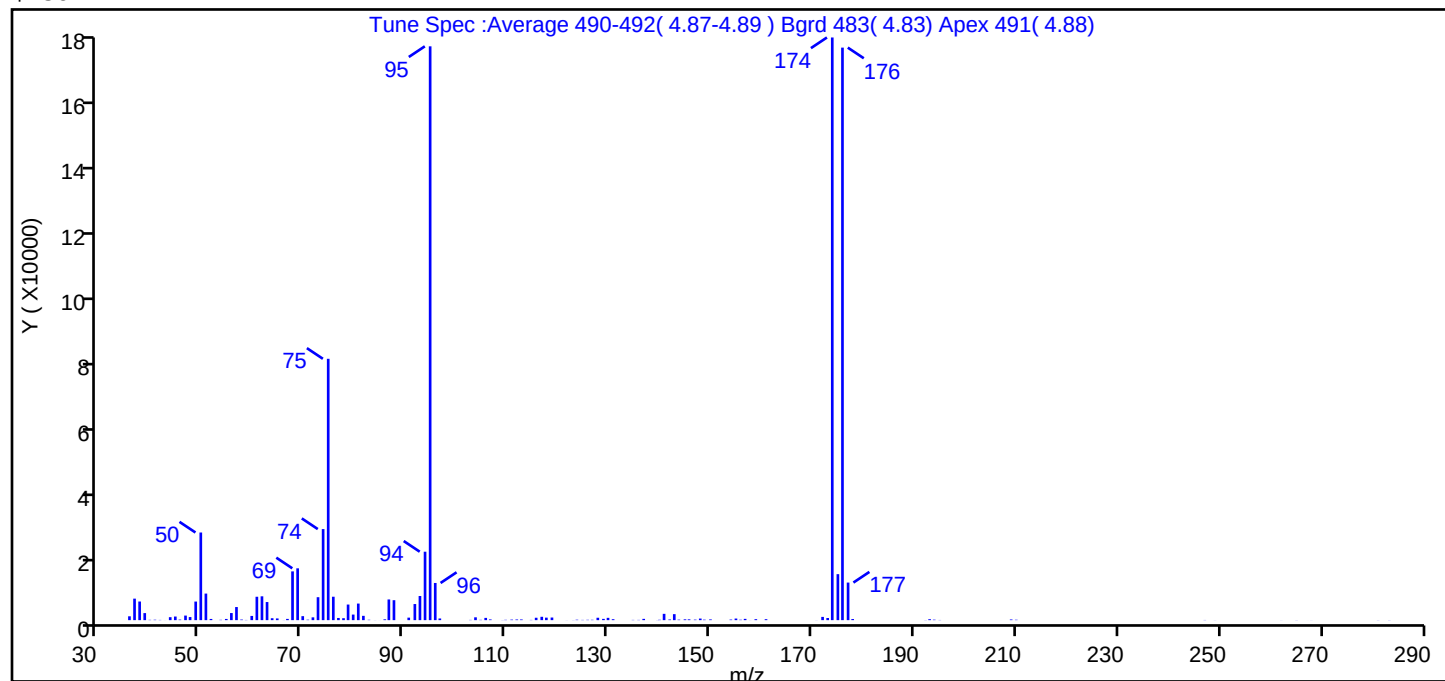
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 30 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	45.5
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.4 (0.4)
174	50 to 120% of m/z 95	101.5
175	5 to 9% of m/z 174	8.0 (7.9)
176	Greater than 95% but less than 101% of m/z 174	99.8 (98.3)
177	5 to 9% of m/z 176	6.5 (6.6)

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D\MSVoa_7159.rslt\spectra.d
Injection Date: 22-Sep-2025 14:37:48
Spectrum: Tune Spec :Average 490-492(4.87-4.89) Bgrd 483(4.83) Apex 491(4.88)
Base Peak: 173.90
Minimum % Base Peak: 0
Number of Points: 130

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1144	70.00	1182	111.00	161	153.00	1
37.00	6379	71.00	135	112.00	197	154.00	171
38.00	5527	72.00	831	113.00	203	155.00	471
39.00	2090	73.00	6807	115.00	67	156.00	120
40.00	88	74.00	27016	116.00	711	157.00	379
41.00	122	75.00	77536	117.00	992	158.00	18
42.00	64	76.00	6947	118.00	744	159.00	282
43.00	12	77.00	643	119.00	777	161.00	280
44.00	880	78.00	578	122.00	17	171.00	21
45.00	1071	79.00	4628	123.00	25	172.00	962
46.00	167	80.00	1654	124.00	130	173.00	634
47.00	1354	81.00	4918	125.00	73	174.00	172864
48.00	918	82.00	1276	126.00	103	175.00	13643
49.00	5514	83.00	111	127.00	105	176.00	169856
50.00	26000	84.00	19	128.00	709	177.00	11147
51.00	7881	85.00	10	129.00	375	178.00	328
52.00	354	86.00	244	130.00	684	192.00	36
54.00	94	87.00	6138	131.00	277	193.00	276
55.00	354	88.00	5917	135.00	72	194.00	141
56.00	2105	91.00	742	136.00	72	195.00	53
57.00	3886	92.00	4778	137.00	379	207.00	6
58.00	175	93.00	7162	140.00	26	209.00	198
59.00	58	94.00	20304	140.00	111	210.00	117
60.00	1249	95.00	170240	141.00	1871	247.00	53
61.00	6939	96.00	11027	142.00	191	249.00	20
62.00	7069	97.00	494	143.00	1777	262.00	17
63.00	5370	103.00	73	144.00	146	265.00	30
64.00	566	104.00	837	145.00	239	267.00	5
65.00	506	105.00	89	146.00	237	268.00	17
66.00	21	106.00	669	147.00	153	281.00	33
67.00	370	107.00	212	148.00	468	283.00	37
68.00	14466	109.00	27	149.00	141		
69.00	15374	110.00	95	150.00	217		

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1144	70.00	1182	111.00	161	153.00	1
37.00	6379	71.00	135	112.00	197	154.00	171
38.00	5527	72.00	831	113.00	203	155.00	471
39.00	2090	73.00	6807	115.00	67	156.00	120
40.00	88	74.00	27016	116.00	711	157.00	379
41.00	122	75.00	77536	117.00	992	158.00	18
42.00	64	76.00	6947	118.00	744	159.00	282
43.00	12	77.00	643	119.00	777	161.00	280
44.00	880	78.00	578	122.00	17	171.00	21
45.00	1071	79.00	4628	123.00	25	172.00	962
46.00	167	80.00	1654	124.00	130	173.00	634
47.00	1354	81.00	4918	125.00	73	174.00	172864
48.00	918	82.00	1276	126.00	103	175.00	13643
49.00	5514	83.00	111	127.00	105	176.00	169856
50.00	26000	84.00	19	128.00	709	177.00	11147
51.00	7881	85.00	10	129.00	375	178.00	328
52.00	354	86.00	244	130.00	684	192.00	36
54.00	94	87.00	6138	131.00	277	193.00	276
55.00	354	88.00	5917	135.00	72	194.00	141
56.00	2105	91.00	742	136.00	72	195.00	53
57.00	3886	92.00	4778	137.00	379	207.00	6
58.00	175	93.00	7162	140.00	26	209.00	198
59.00	58	94.00	20304	140.00	111	210.00	117
60.00	1249	95.00	170240	141.00	1871	247.00	53
61.00	6939	96.00	11027	142.00	191	249.00	20
62.00	7069	97.00	494	143.00	1777	262.00	17
63.00	5370	103.00	73	144.00	146	265.00	30
64.00	566	104.00	837	145.00	239	267.00	5
65.00	506	105.00	89	146.00	237	268.00	17
66.00	21	106.00	669	147.00	153	281.00	33
67.00	370	107.00	212	148.00	468	283.00	37
68.00	14466	109.00	27	149.00	141		
69.00	15374	110.00	95	150.00	217		

Report Date: 23-Sep-2025 05:03:16

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22T01.D

Injection Date: 22-Sep-2025 14:37:48

Instrument ID: 7159

Operator ID: kas02648

Lims ID: bfb

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

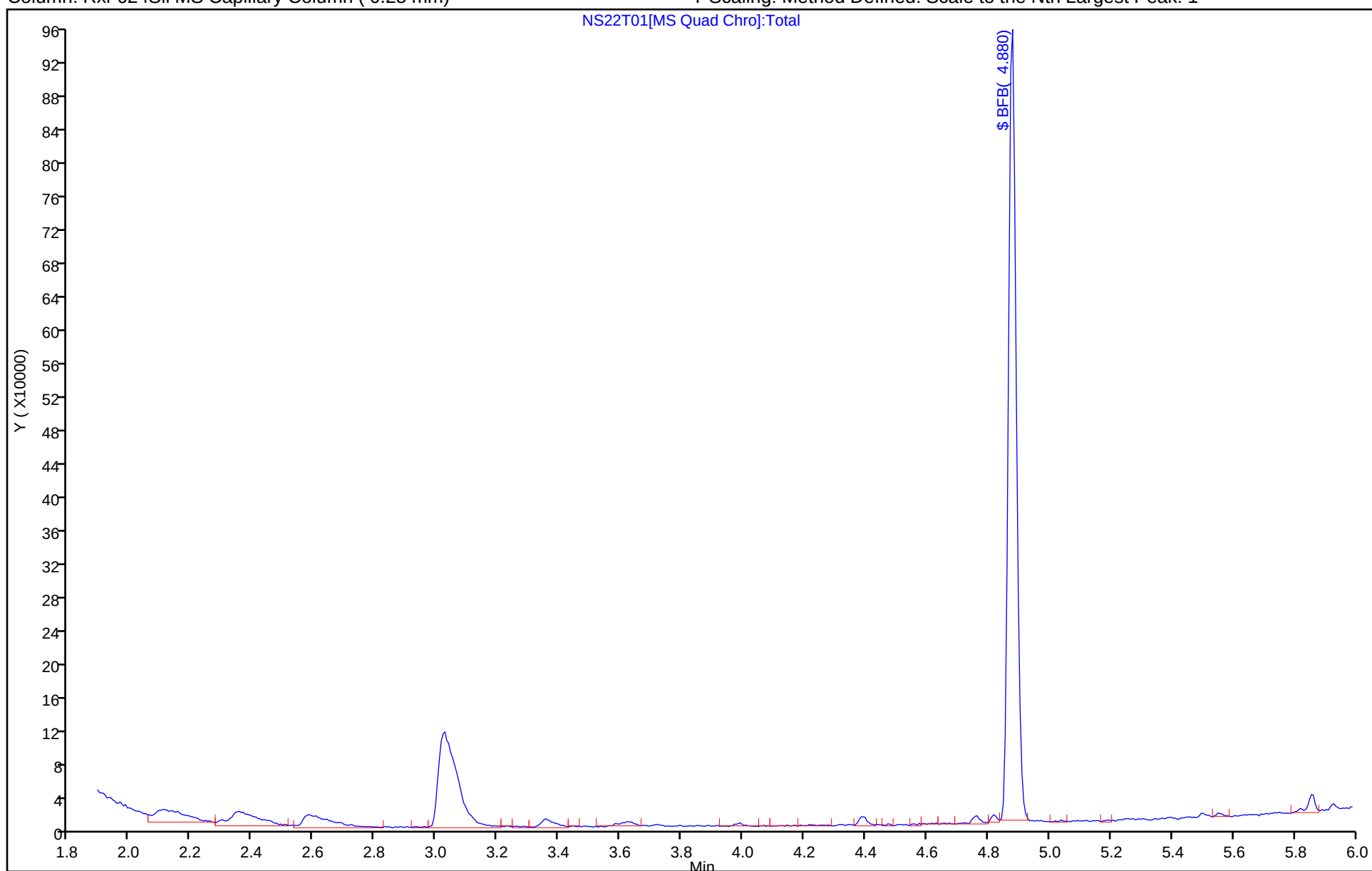
ALS Bottle#: 1

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 09-Oct-2025 08:32:29 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0162536-001
Misc. Info.: BFB
Operator ID: clm27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 10:10:30 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1695

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
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\$ 30 BFB	95	4.893	4.893	0.000	0	1077812	NC	NC	
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QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

MSV_V_BFB_00019

Amount Added: 1.00

Units: uL

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09T01.D

Injection Date: 09-Oct-2025 08:32:29

Instrument ID: 7159

Lims ID: BFB

Client ID:

Operator ID: clm27445

ALS Bottle#: 1 Worklist Smp#: 1

Injection Vol: 1.0 uL

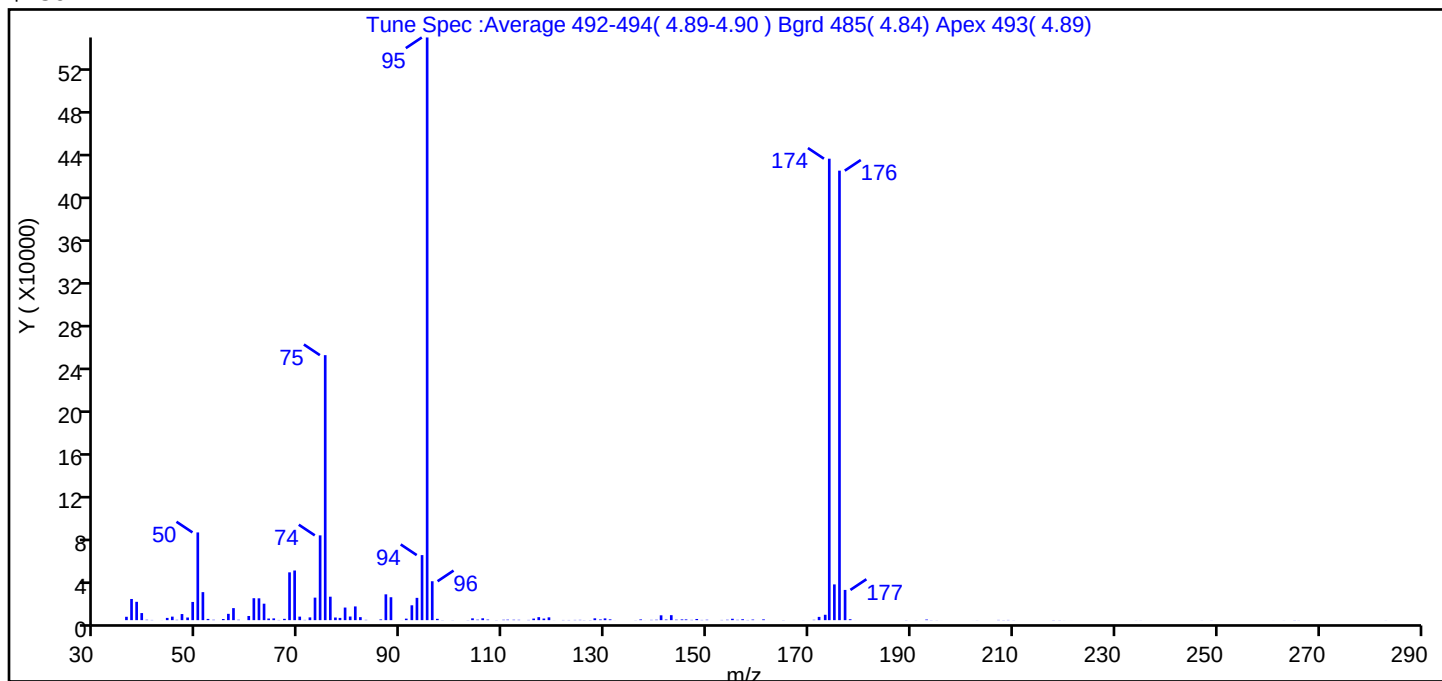
Dil. Factor: 1.0000

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Tune Method: BFB Method 8260

\$ 30 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.1
75	30 to 60% of m/z 95	45.5
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.9 (1.2)
174	50 to 120% of m/z 95	79.2
175	5 to 9% of m/z 174	6.1 (7.7)
176	Greater than 95% but less than 101% of m/z 174	77.1 (97.4)
177	5 to 9% of m/z 176	5.2 (6.7)

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09T01.D\MSVoa_7159.rslt\spectra.d
Injection Date: 09-Oct-2025 08:32:29
Spectrum: Tune Spec :Average 492-494(4.89-4.90) Bgrd 485(4.84) Apex 493(4.89)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 150

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	3156	76.00	21960	123.00	164	172.00	3050
37.00	19824	77.00	2465	124.00	215	173.00	5035
38.00	17168	78.00	2109	125.00	270	174.00	432192
39.00	6633	79.00	11795	126.00	112	175.00	33472
40.00	385	80.00	3389	127.00	125	176.00	420992
41.00	183	81.00	12845	128.00	1701	177.00	28304
43.00	41	82.00	2812	129.00	662	178.00	851
44.00	2095	83.00	275	130.00	1639	179.00	21
45.00	3292	86.00	662	131.00	746	180.00	19
46.00	311	87.00	24176	132.00	29	181.00	22
47.00	5711	88.00	21456	135.00	6	189.00	109
48.00	2469	90.00	38	136.00	80	191.00	64
49.00	17040	91.00	1403	137.00	673	193.00	563
50.00	82160	92.00	13905	138.00	24	194.00	111
51.00	26232	93.00	20872	139.00	252	195.00	74
52.00	1150	94.00	60912	140.00	379	196.00	20
53.00	346	95.00	545728	141.00	4527	202.00	17
55.00	1061	96.00	36432	142.00	570	203.00	61
56.00	5907	97.00	1224	143.00	4666	207.00	213
57.00	11261	98.00	109	144.00	439	208.00	116
58.00	376	100.00	91	145.00	682	209.00	188
59.00	7	103.00	114	146.00	700	210.00	78
60.00	3889	104.00	1694	147.00	247	218.00	139
61.00	20544	105.00	446	148.00	1086	219.00	93
62.00	20432	106.00	1739	149.00	197	220.00	27
63.00	15413	107.00	533	150.00	382	221.00	21
64.00	1505	109.00	106	153.00	191	234.00	47
65.00	1642	110.00	348	154.00	355	235.00	47
66.00	176	111.00	453	155.00	1292	247.00	49
67.00	1227	112.00	376	156.00	294	249.00	83
68.00	44768	113.00	317	157.00	843	261.00	24
69.00	46496	115.00	211	158.00	169	263.00	44
70.00	3300	116.00	1452	159.00	550	265.00	110

Report Date: 09-Oct-2025 10:10:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09T01.D\MSVoa_7159.rslt\spectra.d

Injection Date: 09-Oct-2025 08:32:29

Spectrum: Tune Spec :Average 492-494(4.89-4.90) Bgrd 485(4.84) Apex 493(4.89)

Base Peak: 95.00

Minimum % Base Peak: 0

Number of Points: 150

m/z	Y	m/z	Y	m/z	Y	m/z	Y
71.00	228	117.00	2798	161.00	706	266.00	58
72.00	2586	118.00	1477	165.00	103	282.00	8
73.00	21080	119.00	2624	169.00	51	283.00	52
74.00	79400	120.00	42	170.00	18		
75.00	248192	122.00	167	171.00	324		

Report Date: 09-Oct-2025 10:10:31

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09T01.D

Injection Date: 09-Oct-2025 08:32:29

Instrument ID: 7159

Operator ID: cIm27445

Lims ID: BFB

Worklist Smp#: 1

Client ID:

Injection Vol: 1.0 uL

Dil. Factor: 1.0000

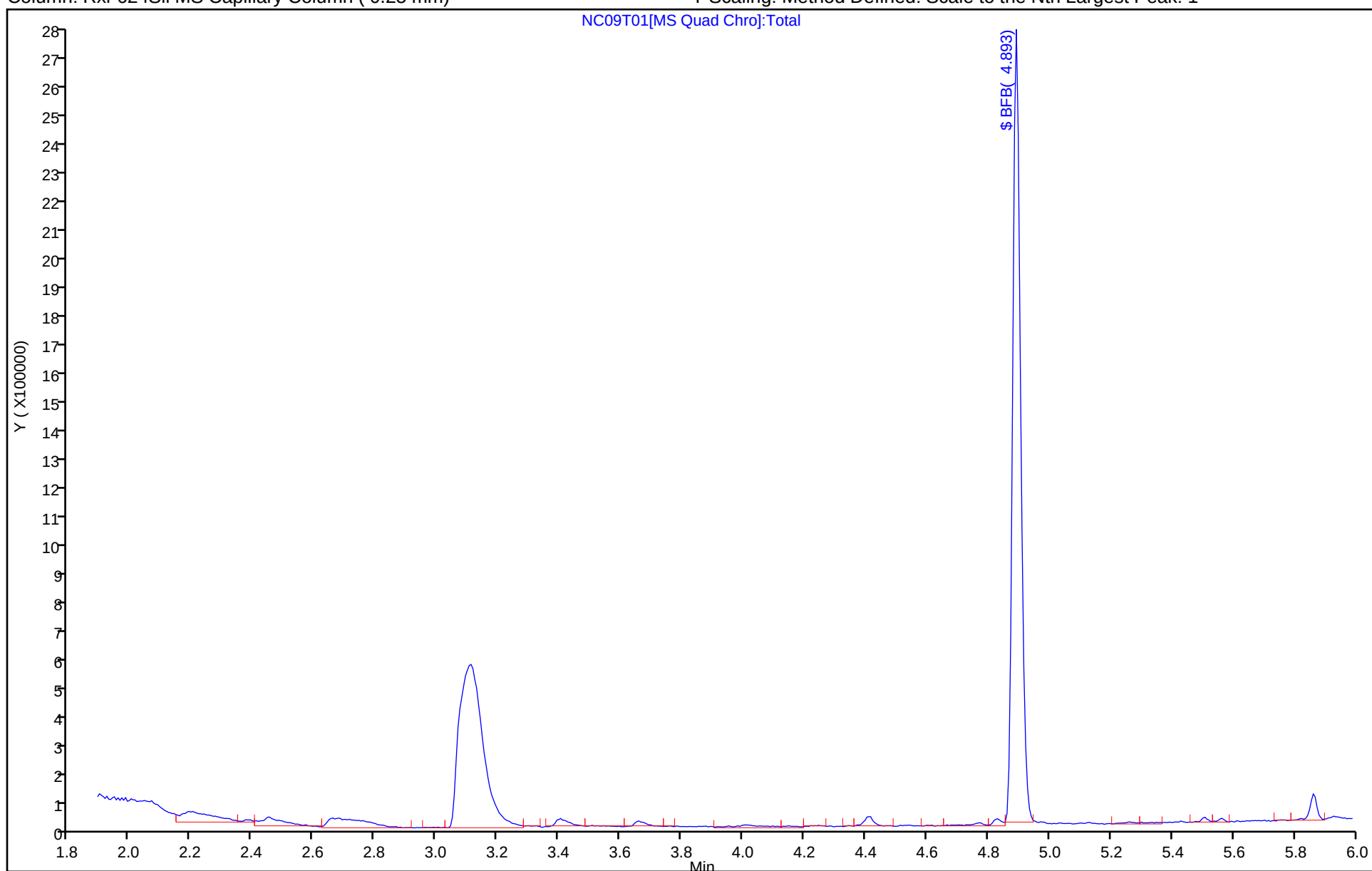
ALS Bottle#: 1

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-710460/8

Matrix: Water

Lab File ID: 5C07X57.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/08/2025 00:09

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: MB 410-710460/8

Matrix: Water Lab File ID: 5C07X57.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/08/2025 00:09

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	107		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X57.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 08-Oct-2025 00:09:30 ALS Bottle#: 7 Worklist Smp#: 8
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-008
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 13:51:22 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:51:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.537					ND	
3 Chlorodifluoromethane	51		1.585					ND	
2 Dichlorodifluoromethane	85		1.598					ND	
5 Chloromethane	50		1.750					ND	
7 Butadiene	39		1.829					ND	7
6 Vinyl chloride	62		1.860					ND	
8 2-Chloro-1,1,1-Trifluoroethane	118		1.884					ND	
10 Bromomethane	94		2.134					ND	
11 Chloroethane	64		2.177					ND	
12 Dichlorofluoromethane	67		2.384					ND	
14 Trichlorofluoromethane	101		2.427					ND	
13 Pentane	43		2.445					ND	
15 Ethanol	45		2.543					ND	
16 Ethyl ether	59		2.598					ND	
17 1,2-Dichloro-1,1,2-trifluoroetha	67		2.713					ND	
18 Acrolein	56		2.762					ND	
19 1,1-Dichloroethene	96		2.884					ND	
20 Acetone	58		2.902					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		2.921					ND	
23 Isopropyl alcohol	45		3.055					ND	
22 Iodomethane	142		3.061					ND	
24 Carbon disulfide	76		3.128					ND	
25 Acetonitrile	41		3.195					ND	
26 Methyl acetate	43		3.256					ND	
28 3-Chloro-1-propene	41		3.268					ND	
29 Methylene Chloride	84		3.445					ND	
* 30 t-Butyl alcohol-d10 (IS)	65	3.463	3.469	-0.006	54	377776	250.0	250.0	
31 2-Methyl-2-propanol	59		3.555					ND	
32 Acrylonitrile	53		3.713					ND	
33 trans-1,2-Dichloroethene	96		3.774					ND	
34 Methyl tert-butyl ether	73		3.786					ND	
35 Hexane	57		4.158					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
36 Vinyl acetate	43		4.359					ND	
37 1,1-Dichloroethane	63		4.396					ND	
38 Isopropyl ether	45		4.463					ND	
40 2-Chloro-1,3-butadiene	53		4.512					ND	
41 Tert-butyl ethyl ether	59		5.030					ND	
42 2-Butanone (MEK)	43		5.249					ND	
43 cis-1,2-Dichloroethene	96		5.268					ND	
44 2,2-Dichloropropane	77		5.280					ND	
45 Ethyl acetate	43		5.286					ND	
46 Propionitrile	54		5.341					ND	
47 Methyl acrylate	55		5.347					ND	
48 Methacrylonitrile	67		5.566					ND	
49 Chlorobromomethane	128		5.609					ND	
50 Tetrahydrofuran	71		5.609					ND	
51 Chloroform	83		5.774					ND	
52 1,1,1-Trichloroethane	97		5.993					ND	
\$ 53 Dibromofluoromethane (Surr)	113	5.993	5.993	0.000	93	341511	50.0	53.6	
54 Cyclohexane	56		6.078					ND	
S 55 1,2-Dichloroethene, Total	100		6.155					ND	7
56 Carbon tetrachloride	117		6.200					ND	
57 1,1-Dichloropropene	75		6.213					ND	
58 Isobutyl alcohol	41		6.432					ND	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.450	6.456	-0.006	49	71715	50.0	51.8	
60 Benzene	78		6.481					ND	
61 1,2-Dichloroethane	62		6.566					ND	
62 Isopropyl acetate	43		6.585					ND	
63 Tert-amyl methyl ether	73		6.694					ND	
* 64 Fluorobenzene (IS)	96	6.907	6.908	-0.001	99	1186553	50.0	50.0	U
65 n-Heptane	43		6.932					ND	
66 n-Butanol	56		7.334					ND	
67 Trichloroethene	95		7.401					ND	
68 Ethyl acrylate	55		7.517					ND	
69 Methylcyclohexane	83		7.706					ND	
70 1,2-Dichloropropane	63		7.749					ND	
71 2-ethoxy-2-methyl butane	87		7.773					ND	
72 t-Amyl alcohol	73		7.804					ND	
73 1,4-Dioxane	88		7.834					ND	
74 Dibromomethane	93		7.853					ND	
75 Methyl methacrylate	69		7.859					ND	
76 n-Propyl acetate	61		7.932					ND	
77 Dichlorobromomethane	83		8.109					ND	
78 2-Nitropropane	41		8.401					ND	
80 2-Chloroethyl vinyl ether	63		8.499					ND	
81 cis-1,3-Dichloropropene	75		8.682					ND	
82 4-Methyl-2-pentanone (MIBK)	43		8.889					ND	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	94	1057036	50.0	51.2	
86 Toluene	92		9.108					ND	
87 trans-1,3-Dichloropropene	75		9.413					ND	
88 Ethyl methacrylate	69		9.499					ND	
89 1,1,2-Trichloroethane	97		9.639					ND	
90 Tetrachloroethene	166		9.712					ND	
91 1,3-Dichloropropane	76		9.809					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
92 3,4-Dichloro-1-butene	75		9.883					ND	
93 2-Hexanone	43		9.883					ND	
100 n-Butyl acetate	43		10.029					ND	
102 Chlorodibromomethane	129		10.035					ND	
S 101 1,3-Dichloropropene, Total	100		10.060					ND	7
104 Ethylene Dibromide	107		10.151					ND	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	87	780144	50.0	50.0	
115 1-Chlorohexane	91		10.639					ND	U
114 Chlorobenzene	112		10.645					ND	
133 1,1,1,2-Tetrachloroethane	131		10.736					ND	
134 Ethylbenzene	91		10.742					ND	
135 m-Xylene & p-Xylene	106		10.864					ND	
136 n-Butyl acrylate	55		11.169					ND	
138 o-Xylene	106		11.212					ND	
139 Styrene	104		11.230					ND	
S 137 Xylenes, Total	106		11.245					ND	7
140 Ethyl bromide	108		11.303					ND	U
141 Bromoform	173		11.382					ND	7
142 Isopropylbenzene	105		11.529					ND	
144 Cyclohexanone	55		11.602					ND	
143 cis-1,4-Dichloro-2-butene	88		11.638					ND	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	96	371636	50.0	49.1	
147 Bromobenzene	156		11.785					ND	
148 1,1,2,2-Tetrachloroethane	83		11.791					ND	
149 trans-1,4-Dichloro-2-butene	53		11.815					ND	
150 1,2,3-Trichloropropane	110		11.833					ND	
151 N-Propylbenzene	91		11.870					ND	
152 2-Chlorotoluene	126		11.943					ND	
153 1,3,5-Trimethylbenzene	105		12.016					ND	
154 4-Chlorotoluene	126		12.041					ND	
155 2,3,4-Trichlorobutene	109		12.126					ND	
156 tert-Butylbenzene	134		12.260					ND	
158 1,2,4-Trimethylbenzene	105		12.303					ND	
157 Pentachloroethane	167		12.352					ND	
160 sec-Butylbenzene	105		12.431					ND	
161 1,3-Dichlorobenzene	146		12.522					ND	7
162 4-Isopropyltoluene	119		12.547					ND	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	487011	50.0	50.0	
166 1,4-Dichlorobenzene	146		12.602					ND	7
167 1,2,3-Trimethylbenzene	105		12.614					ND	
168 Benzyl chloride	91		12.681					ND	7
169 1,3-Diethylbenzene	119		12.748					ND	
170 p-Diethylbenzene	119		12.821					ND	
171 n-Butylbenzene	92		12.839					ND	
172 1,2-Dichlorobenzene	146		12.864					ND	
173 o-diethylbenzene	119		12.894					ND	
175 1,2-Dibromo-3-Chloropropane	75		13.419					ND	
177 1,3,5-Trichlorobenzene	180		13.547					ND	
176 Hexachloroethane	201		13.547					ND	
178 1,2,4-Trichlorobenzene	180		13.979					ND	
180 Hexachlorobutadiene	225		14.065					ND	
181 Naphthalene	128		14.162					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
179 2-Ethylhexyl acrylate	55		14.297					ND	
182 1,2,3-Trichlorobenzene	180		14.303					ND	
183 2-Methylnaphthalene	142		14.900					ND	
184 C4-C10	1		0.000					ND	
190 Propene oxide	1		0.000					ND	
191 C4-C12	1		0.000					ND	
192 C6-C12	1		0.000					ND	
193 tert-Butyl Formate	1		0.000					ND	
194 C5-C12	1		0.000					ND	
195 2,2-Dimethylpropane TIC	1		0.000					ND	
185 Isobutyl acetate	43		0.000					ND	
186 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
187 4-Ethyltoluene	1		0.000					ND	
S 188 Total Diethylbenzene	1		0.000					ND	7
189 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
196 2-Methylhexane TIC	1		0.000					ND	
202 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
203 Butane	1		0.000					ND	
204 1,4-Divinylbenzene	1		0.000					ND	
205 Cyclopentane TIC	1		0.000					ND	
206 3-Methylhexane TIC	1		0.000					ND	
207 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
197 1-Bromo-2-chloroethane	1		0.000					ND	
198 n-Decane	57		0.000					ND	
199 1,3-Divinylbenzene	1		0.000					ND	
S 200 Total BTEX	1		0.000					ND	
201 1-Chlorobutane	1		0.000					ND	
208 Diethoxymethane	1		0.000					ND	
209 3-Methyl-1-butene	1		0.000					ND	
210 sec-Butyl Alcohol	45		0.000					ND	
216 Dodecane	57		0.000					ND	
217 3-chloro-1-Butene	1		0.000					ND	
218 Chloroacetonitrile	1		0.000					ND	
219 Undecane	1		0.000					ND	
220 n-Octane	1		0.000					ND	
221 C7-C12	1		0.000					ND	
211 Dimethylformamide TIC	1		0.000					ND	
212 3-Pentanone TIC	1		0.000					ND	
213 Gasoline (Unleaded)	1		0.000					ND	
214 Propanol	1		0.000					ND	
215 Methylal	1		0.000					ND	
222 1-Methylnaphthalene	142		0.000					ND	
\$ 228 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
229 2,3-Dimethylbutane TIC	1		0.000					ND	
230 2,2-Dimethylbutane TIC	1		0.000					ND	
231 Methylcyclopentane TIC	1		0.000					ND	
232 2-Butoxyethyl acetate	1		0.000					ND	
233 C6-C10	1		0.000					ND	
S 223 divinyl benzene	1		0.000					ND	7
224 1-Methylnaphthalene (TIC)	1		0.000					ND	
225 3-Methylpentane TIC	1		0.000					ND	
226 n-Nonane	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
227 Decamethylcyclopentasiloxane TIC			0.000						ND
234 sec-Butyl Alcohol TIC	1		0.000						ND
235 cis-1,2,3-Trichlorobutene-2	1		0.000						ND

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

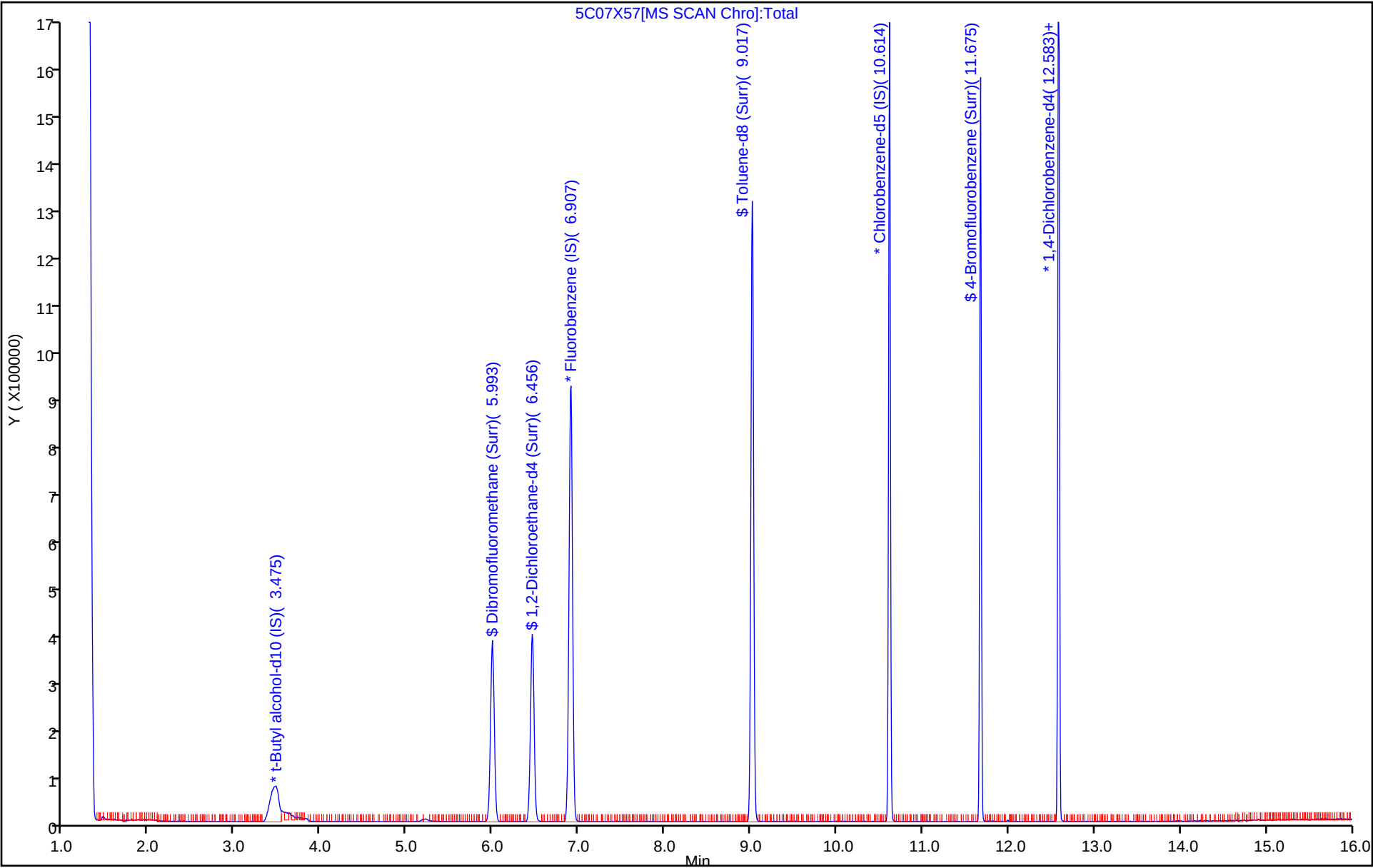
Reagents:

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X57.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Oct-2025 00:09:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-008
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 13:51:22 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:51:22

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	53.6	107.30
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.67
\$ 84 Toluene-d8 (Surr)	50.0	51.2	102.46
\$ 145 4-Bromofluorobenzene (Surr)	50.0	49.1	98.27

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-711283/7

Matrix: Water

Lab File ID: NC09X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 10:37

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-711283/7

Matrix: Water

Lab File ID: NC09X06.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 10:37

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X06.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Oct-2025 10:37:17 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162536-007
 Operator ID: clm27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 07:35:41 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1702

First Level Reviewer: TQ4J

Date: 09-Oct-2025 11:40:06

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.984					ND	
2 Dichlorodifluoromethane	85		2.025					ND	
3 Chlorodifluoromethane	51		2.041					ND	7
4 Chloromethane	50		2.228					ND	7
5 Butadiene	39		2.347					ND	7
6 Vinyl chloride	62		2.357					ND	7
7 2-Chloro-1,1,1-Trifluoroethane	118		2.443					ND	7
8 Bromomethane	94		2.707					ND	
9 Chloroethane	64		2.800					ND	7
10 Dichlorofluoromethane	67		3.064					ND	
11 Trichlorofluoromethane	101		3.138					ND	
12 Pentane	43		3.173					ND	
13 Ethanol	45		3.283					ND	
14 Ethyl ether	59		3.418					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67		3.501					ND	
16 Acrolein	56		3.598					ND	
17 1,1-Dichloroethene	96		3.746					ND	7
18 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.791					ND	
19 Acetone	58		3.800					ND	
20 Iodomethane	142		3.948					ND	
21 Isopropyl alcohol	45		3.984					ND	
22 Carbon disulfide	76		4.061					ND	7
23 Acetonitrile	41		4.225					ND	7
24 Methyl acetate	43		4.247					ND	
25 3-Chloro-1-propene	41		4.270					ND	
26 Methylene Chloride	84		4.469					ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.524	4.501	0.023	26	441433	250.0	250.0	
28 2-Methyl-2-propanol	59		4.639					ND	
29 Acrylonitrile	53		4.848					ND	
32 Methyl tert-butyl ether	73		4.897					ND	7
31 trans-1,2-Dichloroethene	96		4.900					ND	7
33 Hexane	57		5.340					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		5.582					ND	
34 Vinyl acetate	43		5.588					ND	7
36 Isopropyl ether	45		5.643					ND	
37 2-Chloro-1,3-butadiene	53		5.691					ND	
S 38 1,2-Dichloroethene, Total	100		6.155					ND	7
39 Tert-butyl ethyl ether	59		6.176					ND	7
40 2-Butanone (MEK)	43		6.392					ND	
41 cis-1,2-Dichloroethene	96		6.411					ND	
43 2,2-Dichloropropane	77		6.434					ND	
42 Ethyl acetate	43		6.459					ND	7
44 Propionitrile	54		6.485					ND	
45 Methyl acrylate	55		6.527					ND	
46 Methacrylonitrile	67		6.694					ND	
47 Chlorobromomethane	128		6.742					ND	
48 Tetrahydrofuran	71		6.755					ND	7
49 Chloroform	83		6.890					ND	
\$ 50 Dibromofluoromethane (Surr)	113	7.112	7.106	0.006	94	351518	50.0	48.3	
51 1,1,1-Trichloroethane	97		7.115					ND	
52 Cyclohexane	56		7.212					ND	
53 Carbon tetrachloride	117		7.324					ND	
54 1,1-Dichloropropene	75		7.328					ND	
55 Isobutyl alcohol	41		7.479					ND	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.559	7.565	-0.006	33	85239	50.0	52.0	
57 Benzene	78		7.591					ND	
59 1,2-Dichloroethane	62		7.665					ND	7
58 Isopropyl acetate	43		7.681					ND	7
60 Tert-amyl methyl ether	73		7.781					ND	
61 t-Amyl alcohol	73	7.871	7.865	0.006	1	82		NC	
* 62 Fluorobenzene (IS)	96	7.993	7.993	0.000	99	1279704	50.0	50.0	
63 n-Heptane	43		7.993					ND	7
64 n-Butanol	56		8.347					ND	
65 Trichloroethene	95		8.463					ND	
66 Ethyl acrylate	55		8.585					ND	
67 Methylcyclohexane	83		8.762					ND	
69 1,2-Dichloropropane	63		8.797					ND	
68 2-ethoxy-2-methyl butane	87		8.800					ND	
70 Methyl methacrylate	69		8.874					ND	
71 1,4-Dioxane	88		8.884					ND	
72 Dibromomethane	93		8.903					ND	
73 n-Propyl acetate	61		8.958					ND	
74 Dichlorobromomethane	83		9.135					ND	
75 2-Nitropropane	41		9.405					ND	7
76 2-Chloroethyl vinyl ether	63		9.479					ND	
77 cis-1,3-Dichloropropene	75		9.652					ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.823					ND	7
\$ 79 Toluene-d8 (Surr)	98	9.951	9.948	0.003	93	1178099	50.0	52.9	
118 Toluene	92		10.022					ND	7
S 119 1,3-Dichloropropene, Total	100		10.060					ND	7
120 trans-1,3-Dichloropropene	75		10.263					ND	7
121 Ethyl methacrylate	69		10.321					ND	
122 1,1,2-Trichloroethane	97		10.466					ND	
123 Tetrachloroethene	166		10.543					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
124 1,3-Dichloropropane	76		10.620					ND	
125 3,4-Dichloro-1-butene	75		10.659					ND	7
126 2-Hexanone	43		10.671					ND	7
127 n-Butyl acetate	43		10.778					ND	7
128 Chlorodibromomethane	129		10.826					ND	
129 Ethylene Dibromide	107		10.935					ND	
S 130 Xylenes, Total	106		11.245					ND	7
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	84	907134	50.0	50.0	
132 1-Chlorohexane	91		11.356					ND	U
133 Chlorobenzene	112		11.379					ND	
134 1,1,1,2-Tetrachloroethane	131		11.456					ND	
135 Ethylbenzene	91		11.459					ND	
136 m-Xylene & p-Xylene	106		11.569					ND	7
137 n-Butyl acrylate	55		11.842					ND	
138 o-Xylene	106		11.897					ND	
139 Styrene	104		11.909					ND	7
140 Bromoform	173		12.067					ND	7
141 Isopropylbenzene	105		12.186					ND	7
143 Cyclohexanone	55		12.273					ND	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.331	12.327	0.004	89	434201	50.0	51.6	
142 cis-1,4-Dichloro-2-butene	88		12.327					ND	U
145 1,1,2,2-Tetrachloroethane	83		12.427					ND	7
146 Bromobenzene	156		12.446					ND	
147 trans-1,4-Dichloro-2-butene	53		12.453					ND	
148 1,2,3-Trichloropropane	110		12.472					ND	
149 N-Propylbenzene	91		12.511					ND	
150 2-Chlorotoluene	126		12.588					ND	
151 1,3,5-Trimethylbenzene	105		12.639					ND	7
152 4-Chlorotoluene	126		12.678					ND	
153 2,3,4-Trichlorobutene	109		12.691					ND	7
154 tert-Butylbenzene	134		12.880					ND	7
156 Pentachloroethane	167		12.906					ND	
155 1,2,4-Trimethylbenzene	105		12.922					ND	7
157 sec-Butylbenzene	105		13.041					ND	7
158 1,3-Dichlorobenzene	146		13.141					ND	7
159 4-Isopropyltoluene	119		13.147					ND	7
* 160 1,4-Dichlorobenzene-d4	152	13.196	13.196	0.000	95	507994	50.0	50.0	
161 1,4-Dichlorobenzene	146		13.212					ND	7
162 1,2,3-Trimethylbenzene	105		13.224					ND	7
163 Benzyl chloride	91		13.292					ND	7
164 1,3-Diethylbenzene	119		13.343					ND	7
165 p-Diethylbenzene	119		13.414					ND	7
166 n-Butylbenzene	92		13.433					ND	7
167 1,2-Dichlorobenzene	146		13.472					ND	
168 o-diethylbenzene	119		13.488					ND	7
169 Hexachloroethane	201		13.560					ND	
170 1,2-Dibromo-3-Chloropropane	75		14.006					ND	7
171 1,3,5-Trichlorobenzene	180		14.128					ND	7
172 1,2,4-Trichlorobenzene	180		14.549					ND	7
173 2-Ethylhexyl acrylate	55		14.604					ND	U
174 Hexachlorobutadiene	225		14.633					ND	
175 Naphthalene	128		14.736					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
176 1,2,3-Trichlorobenzene	180		14.877					ND	7
177 2-Methylnaphthalene	142		15.523					ND	7
178 C4-C10	1		0.000					ND	
179 C4-C12	1		0.000					ND	
180 C5-C12	1		0.000					ND	
181 2-Butoxyethyl acetate	1		0.000					ND	
182 Gasoline (Unleaded)	1		0.000					ND	
183 TAH TIC	1		0.000					ND	
184 Dimethyl Sulfide	1		0.000					ND	
193 Methylcyclopentane TIC	1		0.000					ND	
213 1,3-Divinylbenzene	1		0.000					ND	
\$ 187 trans-1,2,3-Trichlorobutene-2 TIC	1		0.000					ND	
188 sec-Butyl Alcohol TIC	1		0.000					ND	
189 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
190 Phosgene TIC	1		0.000					ND	
191 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
192 2,3-Dimethylbutane TIC	1		0.000					ND	
212 Ethyl bromide	1		0.000					ND	
186 C7-C12	1		0.000					ND	
195 Methyl Isocyanate TIC	1		0.000					ND	
232 Isobutyl acetate	43		0.000					ND	
233 n-Octane	1		0.000					ND	
196 Cyclopentane TIC	1		0.000					ND	
197 3-Methylpentane TIC	1		0.000					ND	
198 1-Methylnaphthalene (TIC)	1		0.000					ND	
199 3-Pentanone TIC	1		0.000					ND	
200 4-Ethyltoluene	1		0.000					ND	
201 2-Methylhexane TIC	1		0.000					ND	
202 3-chloro-1-Butene TIC	1		0.000					ND	
203 2,2-Dimethylpropane TIC	1		0.000					ND	
205 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
206 Dimethylformamide TIC	1		0.000					ND	
207 Carbonyl sulfide TIC	1		0.000					ND	
208 1,4-Divinylbenzene	1		0.000					ND	
209 Styrene oxide TIC	1		0.000					ND	
210 Propene oxide	1		0.000					ND	
211 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
214 1-Bromo-2-chloroethane	1		0.000					ND	
215 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
216 C6-C10	1		0.000					ND	
S 237 divinyl benzene	1		0.000					ND	7
218 C6-C12	1		0.000					ND	
219 3-Methyl-1-butene	1		0.000					ND	
220 n-Decane	57		0.000					ND	
221 Dodecane	57		0.000					ND	
222 Butane	1		0.000					ND	
223 tert-Butyl Formate	1		0.000					ND	
236 4-Hydroxy-4-methyl-2-pentanol TIC	1		0.000					ND	
217 3-chloro-1-Butene	1		0.000					ND	
226 Undecane	1		0.000					ND	
227 sec-Butyl Alcohol	45		0.000					ND	
S 228 Total BTEX	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
229 1,1,2,2-Tetrachloro-1,2-difluoro1			0.000					ND	
230 Propanol	1		0.000					ND	
231 n-Nonane	1		0.000					ND	
224 Methylal	1		0.000					ND	
225 Chloroacetonitrile	1		0.000					ND	
234 bis(2-chloromethyl)ether TIC	1		0.000					ND	
194 2,2-Dimethylbutane TIC	1		0.000					ND	
S 238 Total Diethylbenzene	1		0.000					ND	7
239 1-Chlorobutane	1		0.000					ND	
240 Diethoxymethane	1		0.000					ND	
241 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
242 3-Methylhexane TIC	1		0.000					ND	
298 d-Limonene	1		0.000					ND	
299 Aziridine TIC	1		0.000					ND	
300 Diazomethane TIC	1		0.000					ND	
301 Trichloroethene TIC	1		0.000					ND	
302 Methyl mercaptan TIC	1		0.000					ND	
303 Tetrachloroethene TIC	1		0.000					ND	
304 1,2-Propyleneimine TIC	1		0.000					ND	
305 1,2 Epoxybutane TIC	1		0.000					ND	
235 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
306 Chloromethyl methyl ether TIC	1		0.000					ND	
185 1-Methylnaphthalene	142		0.000					ND	
307 Vinyl chloride TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

NC - Not Calibrated

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 07:35:42

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X06.D

Injection Date: 09-Oct-2025 10:37:17

Instrument ID: 7159

Operator ID: cIm27445

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

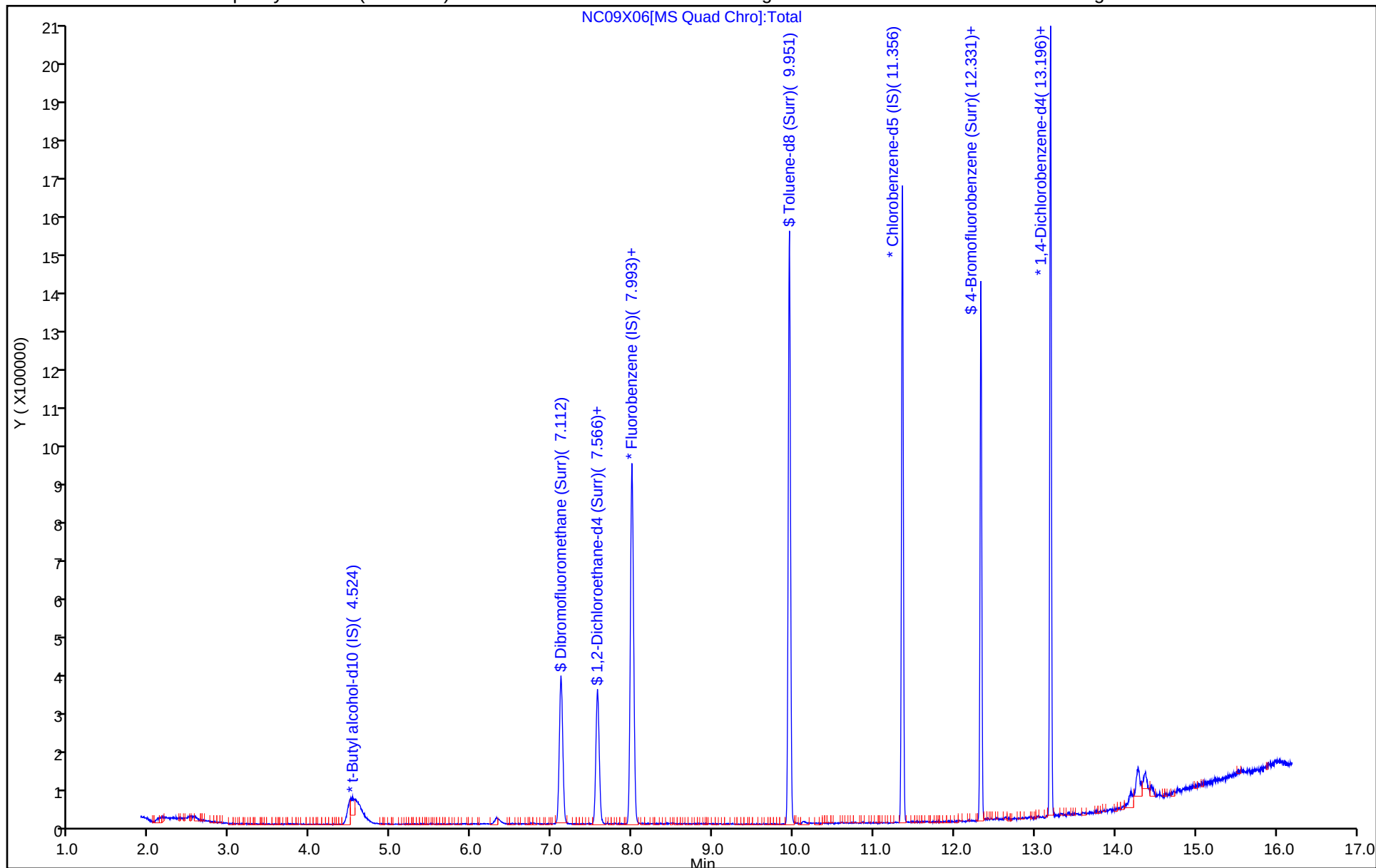
ALS Bottle#: 6

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Oct-2025 10:37:17 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162536-007
Operator ID: clm27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 07:35:41 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1702

First Level Reviewer: TQ4J

Date: 09-Oct-2025 11:40:06

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	48.3	96.64
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	52.0	103.99
\$ 79 Toluene-d8 (Surr)	50.0	52.9	105.73
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.6	103.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-711513/7

Matrix: Water

Lab File ID: FC08X56.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 12:19

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: MB 410-711513/7

Matrix: Water

Lab File ID: FC08X56.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 12:19

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	107		80-120
460-00-4	4-Bromofluorobenzene (Surr)	92		80-120
1868-53-7	Dibromofluoromethane (Surr)	116		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X56.D
 Lims ID: MB
 Client ID:
 Sample Type: MB
 Inject. Date: 09-Oct-2025 12:19:21 ALS Bottle#: 6 Worklist Smp#: 7
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162542-007
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: ULCP

Date: 09-Oct-2025 17:03:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Chlorotrifluoroethene	116		1.907					ND	U
3 Dichlorodifluoromethane	85		1.943					ND	
124 Chlorodifluoromethane	51		1.962					ND	U
4 Chloromethane	50		2.136					ND	7
5 Vinyl chloride	62		2.251					ND	7
6 Butadiene	39		2.264					ND	U
8 Bromomethane	94		2.592					ND	7
9 Chloroethane	64		2.682					ND	7
10 Dichlorofluoromethane	67		2.930					ND	U
11 Trichlorofluoromethane	101		2.984					ND	
12 Pentane	43		3.017					ND	7
2 Ethanol	45		3.129					ND	U
14 Ethyl ether	59		3.245					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67		3.351					ND	U
16 Acrolein	56		3.422					ND	7
17 1,1-Dichloroethene	96		3.550					ND	7
18 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.595					ND	
19 Acetone	58		3.608					ND	7
21 Iodomethane	142		3.763					ND	
22 Isopropyl alcohol	45		3.808					ND	7
23 Carbon disulfide	76		3.865					ND	7
7 Acetonitrile	41		4.013					ND	U
24 Methyl acetate	43		4.029					ND	7
25 3-Chloro-1-propene	41		4.033					ND	7
26 Methylene Chloride	84		4.238					ND	7
* 27 t-Butyl alcohol-d10 (IS)	65	4.287	4.316	-0.029	98	1977321	250.0	250.0	
28 2-Methyl-2-propanol	59		4.412					ND	7
31 Acrylonitrile	53		4.598					ND	7
32 trans-1,2-Dichloroethene	96		4.637					ND	7
33 Methyl tert-butyl ether	73		4.656					ND	7
34 Hexane	57		5.071					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 1,1-Dichloroethane	63		5.319					ND	7
13 Vinyl acetate	43		5.344					ND	U
36 Isopropyl ether	45		5.412					ND	U
37 2-Chloro-1,3-butadiene	53		5.428					ND	7
39 Tert-butyl ethyl ether	59		5.939					ND	7
41 2-Butanone (MEK)	43		6.155					ND	U
S 40 1,2-Dichloroethene, Total	100		6.155					ND	7
42 cis-1,2-Dichloroethene	96		6.164					ND	7
43 2,2-Dichloropropane	77		6.190					ND	7
20 Ethyl acetate	43		6.216					ND	U
44 Propionitrile	54		6.251					ND	7
45 Methacrylonitrile	67		6.460					ND	7
46 Chlorobromomethane	128		6.499					ND	
47 Tetrahydrofuran	71		6.518					ND	7
48 Chloroform	83		6.656					ND	U
\$ 49 Dibromofluoromethane (Surr)	113	6.862	6.865	-0.003	92	685817	50.0	58.0	
50 1,1,1-Trichloroethane	97		6.881					ND	7
51 Cyclohexane	56		6.971					ND	7
53 Carbon tetrachloride	117		7.087					ND	7
52 1,1-Dichloropropene	75		7.087					ND	7
56 Isobutyl alcohol	41		7.286					ND	7
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.322	0.000	99	165142	50.0	53.5	
58 Benzene	78		7.354					ND	7
59 1,2-Dichloroethane	62		7.431					ND	7
30 Isopropyl acetate	43		7.463					ND	U
60 Tert-amyl methyl ether	73		7.560					ND	7
* 61 Fluorobenzene (IS)	96	7.763	7.762	0.001	99	2194631	50.0	50.0	
62 n-Heptane	43		7.775					ND	7
63 n-Butanol	56		8.158					ND	7
64 Trichloroethene	95		8.238					ND	7
65 Methylcyclohexane	83		8.550					ND	7
66 1,2-Dichloropropane	63		8.585					ND	7
67 2-ethoxy-2-methyl butane	87		8.592					ND	7
68 Methyl methacrylate	69		8.676					ND	7
70 1,4-Dioxane	88		8.676					ND	7
69 Dibromomethane	93		8.692					ND	7
38 n-Propyl acetate	61		8.753					ND	U
72 Dichlorobromomethane	83		8.926					ND	7
73 2-Nitropropane	41		9.216					ND	7
74 2-Chloroethyl vinyl ether	63		9.296					ND	7
76 cis-1,3-Dichloropropene	75		9.476					ND	7
78 4-Methyl-2-pentanone (MIBK)	43		9.663					ND	7
\$ 79 Toluene-d8 (Surr)	98	9.779	9.785	-0.006	95	2057650	50.0	47.9	
80 Toluene	92		9.859					ND	7
86 Methyl Isocyanate TIC	73		10.000					ND	U
S 104 1,3-Dichloropropene, Total	100		10.060					ND	7
105 trans-1,3-Dichloropropene	75		10.116					ND	7
106 Ethyl methacrylate	69		10.183					ND	7
107 1,1,2-Trichloroethane	97		10.319					ND	7
108 Tetrachloroethene	166		10.402					ND	7
109 1,3-Dichloropropane	76		10.486					ND	7
54 3,4-Dichloro-1-butene	75		10.521					ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
110 2-Hexanone	43		10.544					ND	7
55 n-Butyl acetate	43		10.659					ND	U
111 Chlorodibromomethane	129		10.695					ND	
112 Ethylene Dibromide	107		10.804					ND	7
* 113 Chlorobenzene-d5 (IS)	117	11.242	11.238	0.004	88	1517810	50.0	50.0	
S 116 Xylenes, Total	106		11.245					ND	7
114 1-Chlorohexane	91		11.248					ND	U
115 Chlorobenzene	112		11.267					ND	7
117 1,1,1,2-Tetrachloroethane	131		11.347					ND	7
118 Ethylbenzene	91		11.351					ND	7
119 m-Xylene & p-Xylene	106		11.466					ND	7
120 o-Xylene	106		11.801					ND	7
121 Styrene	104		11.814					ND	7
122 Bromoform	173		11.968					ND	7
123 Isopropylbenzene	105		12.100					ND	7
71 cis-1,4-Dichloro-2-butene	88		12.148					ND	U
125 Cyclohexanone	55		12.183					ND	U
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	91	715208	50.0	46.1	
127 1,1,2,2-Tetrachloroethane	83		12.347					ND	7
128 Bromobenzene	156		12.360					ND	7
129 trans-1,4-Dichloro-2-butene	53		12.373					ND	U
130 1,2,3-Trichloropropane	110		12.392					ND	7
131 N-Propylbenzene	91		12.431					ND	7
132 2-Chlorotoluene	126		12.505					ND	7
133 1,3,5-Trimethylbenzene	105		12.566					ND	7
134 4-Chlorotoluene	126		12.598					ND	7
75 2,3,4-Trichlorobutene	109	12.643	12.621	0.022	1	63		0.006756	
135 tert-Butylbenzene	134		12.810					ND	U
77 Pentachloroethane	167		12.839					ND	
136 1,2,4-Trimethylbenzene	105		12.852					ND	7
137 sec-Butylbenzene	105		12.974					ND	7
138 1,3-Dichlorobenzene	146		13.071					ND	7
139 4-Isopropyltoluene	119		13.080					ND	7
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	96	868171	50.0	50.0	
141 1,4-Dichlorobenzene	146		13.145					ND	7
142 1,2,3-Trimethylbenzene	105		13.158					ND	7
143 Benzyl chloride	91		13.225					ND	7
144 1,3-Diethylbenzene	119	13.286	13.283	0.003	85	4064		0.1822	
145 p-Diethylbenzene	119	13.351	13.357	-0.006	80	4031		0.1699	
146 n-Butylbenzene	92	13.373	13.376	-0.003	92	4273		0.2274	
147 1,2-Dichlorobenzene	146		13.408					ND	7
148 o-diethylbenzene	119		13.428					ND	
149 1,2-Dibromo-3-Chloropropane	75		13.952					ND	7
150 1,3,5-Trichlorobenzene	180	14.084	14.077	0.007	95	6985		0.5273	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	93	7949		0.6252	
152 Hexachlorobutadiene	225	14.585	14.588	-0.003	91	6208		1.20	
153 Naphthalene	128		14.691					ND	7
154 1,2,3-Trichlorobenzene	180	14.833	14.836	-0.003	93	9347		0.6793	
155 2-Methylnaphthalene	142	15.483	15.482	0.000	93	27537		3.91	
S 156 Total Diethylbenzene	1				0			0.3521	
157 Decamethylcyclopentasiloxane TIC			0.000					ND	
158 Dimethyl Sulfide TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
159 2,2-Dimethylpropane TIC	1		0.000					ND	
160 2-Methylhexane TIC	1		0.000					ND	
161 tert-Butyl Formate	1		0.000					ND	
162 3-Pentanone TIC	1		0.000					ND	
163 1-Methylnaphthalene (TIC)	1		0.000					ND	
164 3-Methylpentane TIC	1		0.000					ND	
165 Cyclopentane TIC	1		0.000					ND	
166 Styrene oxide TIC	1		0.000					ND	
167 Dimethylformamide TIC	1		0.000					ND	
168 2,3-Dimethylbutane TIC	1		0.000					ND	
169 2,2-Dimethylbutane TIC	1		0.000					ND	
170 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
171 d-Limonene	1		0.000					ND	
172 Aziridine TIC	1		0.000					ND	
173 Diazomethane TIC	1		0.000					ND	
174 Trichloroethene TIC	1		0.000					ND	
175 Methyl mercaptan TIC	1		0.000					ND	
176 Tetrachloroethene TIC	1		0.000					ND	
177 1,2-Propyleneimine TIC	1		0.000					ND	
178 1,2 Epoxybutane TIC	1		0.000					ND	
179 4-Hydroxy-4-methyl-2-pentanone TIC	1		0.000					ND	
180 Chloromethyl methyl ether TIC	1		0.000					ND	
181 Carbonyl sulfide TIC	1		0.000					ND	
182 3-chloro-1-Butene TIC	1		0.000					ND	
183 Ethyl acrylate	55		0.000					ND	
184 3-Methyl-1-butene	1		0.000					ND	
185 Propanol	1		0.000					ND	
186 Isobutyl acetate	43		0.000					ND	
187 4-Ethyltoluene	1		0.000					ND	
188 sec-Butyl Alcohol	45		0.000					ND	
189 3-Methylhexane TIC	1		0.000					ND	
190 Phosgene TIC	1		0.000					ND	
191 Gasoline (Unleaded)	1		0.000					ND	
192 C7-C12	1		0.000					ND	
193 1,1-Dichloro-1-fluoroethane TIC	1		0.000					ND	
194 Dimethyl Sulfide	1		0.000					ND	
195 1-Methylnaphthalene	142		0.000					ND	
\$ 196 trans-1,2,3-Trichlorobutene-2 TIC	1		0.000					ND	
197 sec-Butyl Alcohol TIC	1		0.000					ND	
198 2-Ethylhexyl acrylate	55		0.000					ND	
S 199 Total BTEX	1		0.000					ND	7
200 Methyl acrylate	55		0.000					ND	
201 1,1,2,2-Tetrachloro-1,2-difluoroethane	1		0.000					ND	
202 2-Butoxyethyl acetate	1		0.000					ND	
203 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
204 bis(2-chloromethyl)ether TIC	1		0.000					ND	
205 Methylcyclopentane TIC	1		0.000					ND	
206 n-Butyl acrylate	55		0.000					ND	
207 Vinyl chloride TIC	1		0.000					ND	

[QC Flag Legend](#)

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

[Reagents:](#)

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 09:20:58

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X56.D

Injection Date: 09-Oct-2025 12:19:21

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: MB

Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

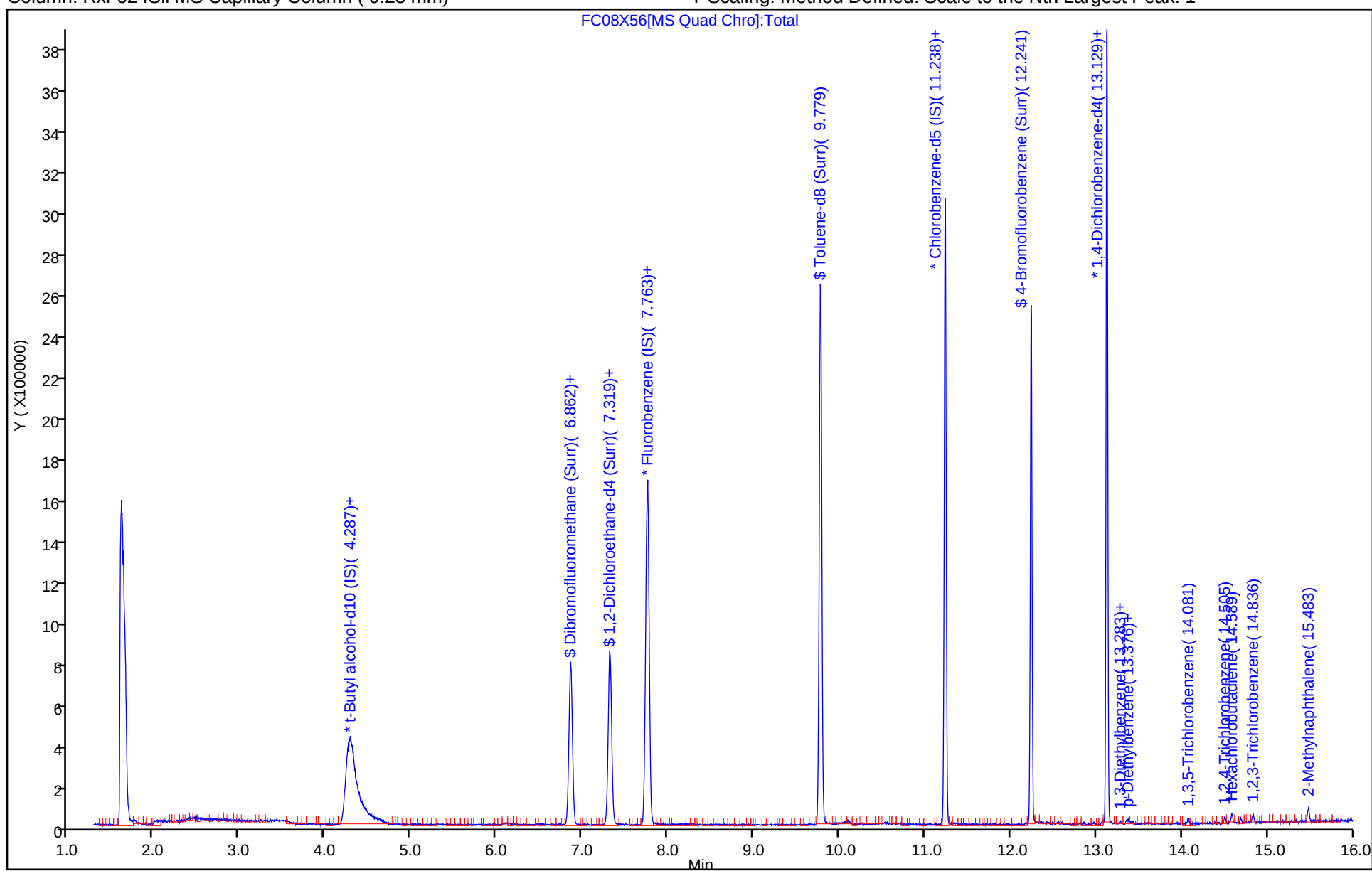
ALS Bottle#: 6

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X56.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Oct-2025 12:19:21 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162542-007
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: ULCP

Date: 09-Oct-2025 17:03:47

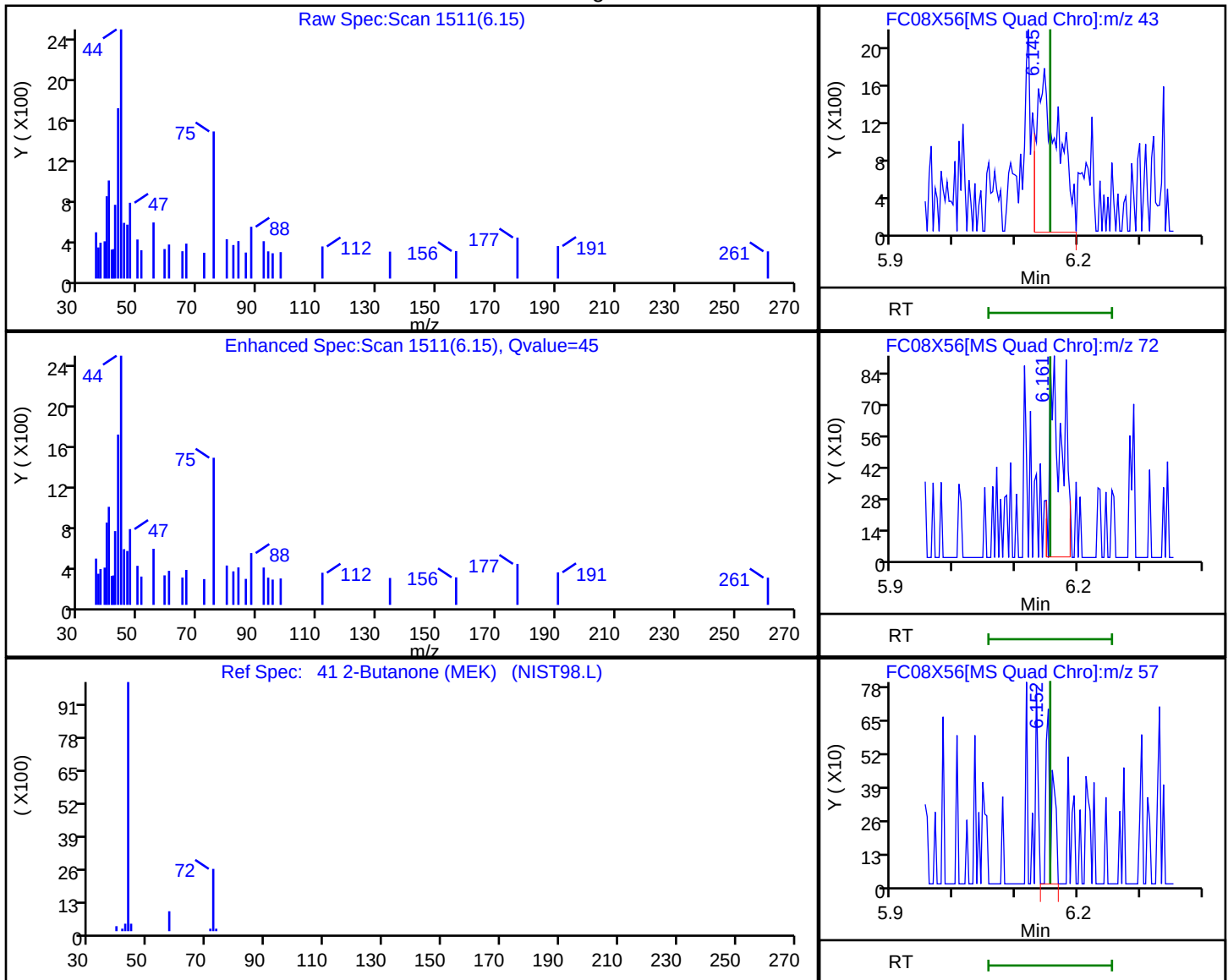
Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	58.0	115.97
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	53.5	106.98
\$ 79 Toluene-d8 (Surr)	50.0	47.9	95.72
\$ 126 4-Bromofluorobenzene (Surr)	50.0	46.1	92.18

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X56.D
Injection Date: 09-Oct-2025 12:19:21 Instrument ID: 15830
Lims ID: MB
Client ID:
Operator ID: lcp00895 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

41 2-Butanone (MEK), CAS: 78-93-3

Processing Results



RT	Mass	Response	Amount
6.15	43.00	4021	0.289377
6.16	72.00	1238	
6.15	57.00	456	

Reviewer: ULCP, 09-Oct-2025 17:05:57 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

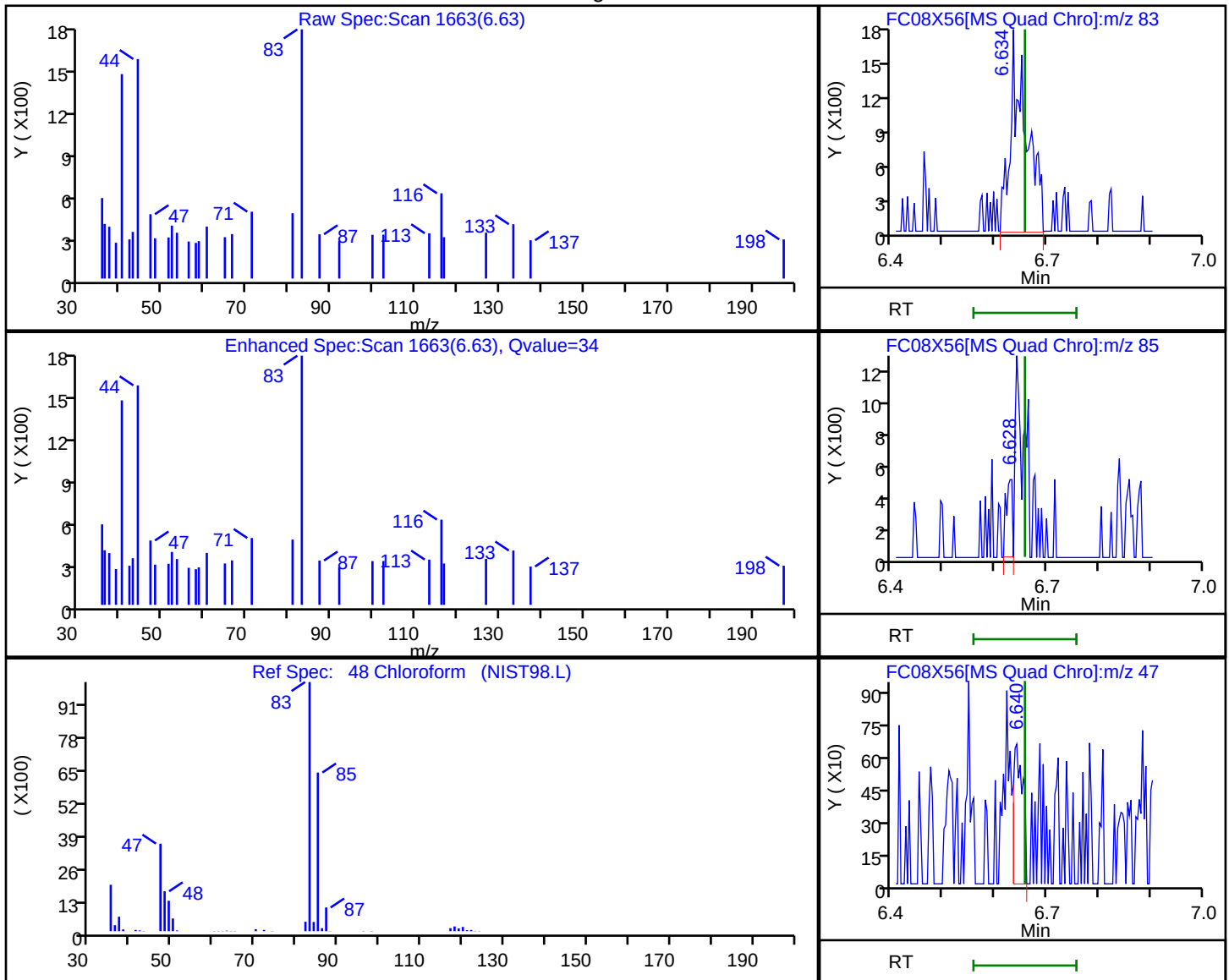
Audit Reason: Invalid Compound ID

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X56.D
Injection Date: 09-Oct-2025 12:19:21 Instrument ID: 15830
Lims ID: MB
Client ID:
Operator ID: lcp00895 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm i.d.) MS Quad

48 Chloroform, CAS: 67-66-3

Processing Results



RT	Mass	Response	Amount
6.63	83.00	3798	0.179800
6.63	85.00	416	
6.64	47.00	802	

Reviewer: ULCP, 09-Oct-2025 17:06:08 -04:00:00 (UTC)

Audit Action: Marked Compound Undetected

Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-710460/5

Matrix: Water

Lab File ID: 5C07X54.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/07/2025 23:07

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	22.2		1.0	0.30
71-55-6	1,1,1-Trichloroethane	22.6		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	17.8		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.30
75-34-3	1,1-Dichloroethane	21.2		1.0	0.30
75-35-4	1,1-Dichloroethene	22.8		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.6		1.0	0.20
107-06-2	1,2-Dichloroethane	21.5		1.0	0.30
78-87-5	1,2-Dichloropropane	19.8		1.0	0.30
78-93-3	2-Butanone (MEK)	228		10	1.0
591-78-6	2-Hexanone	244		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	233		10	0.50
67-64-1	Acetone	284		20	0.70
71-43-2	Benzene	20.2		1.0	0.30
74-97-5	Bromochloromethane	22.5		5.0	0.20
75-27-4	Bromodichloromethane	20.3		1.0	0.20
75-25-2	Bromoform	20.3		4.0	1.0
74-83-9	Bromomethane	19.2		1.0	0.30
75-15-0	Carbon disulfide	19.7		5.0	0.30
56-23-5	Carbon tetrachloride	23.7		1.0	0.30
108-90-7	Chlorobenzene	21.4		1.0	0.30
75-00-3	Chloroethane	19.2		1.0	0.30
67-66-3	Chloroform	21.2		1.0	0.30
74-87-3	Chloromethane	17.5		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	21.5		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.2		1.0	0.20
124-48-1	Dibromochloromethane	20.6		1.0	0.20
100-41-4	Ethylbenzene	20.8		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.3		1.0	0.20
75-09-2	Methylene Chloride	20.9		1.0	0.30
100-42-5	Styrene	19.8		5.0	0.30
127-18-4	Tetrachloroethene	23.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-710460/5

Matrix: Water Lab File ID: 5C07X54.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2025 23:07

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.6		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	21.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.2		1.0	0.20
79-01-6	Trichloroethene	20.8		1.0	0.30
75-01-4	Vinyl chloride	17.5		1.0	0.30
1330-20-7	Xylenes, Total	63.8		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	107		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X54.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 07-Oct-2025 23:07:30 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-005
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 13:51:22 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:55:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.598	1.598	0.000	99	219861	20.0	18.1	M
5 Chloromethane	50	1.744	1.750	-0.006	99	202319	20.0	17.5	
7 Butadiene	39	1.823	1.829	-0.006	96	316911	20.0	31.9	
6 Vinyl chloride	62	1.848	1.860	-0.012	86	178357	20.0	17.5	
10 Bromomethane	94	2.128	2.134	-0.006	92	128985	20.0	19.2	
11 Chloroethane	64	2.171	2.177	-0.006	97	93967	20.0	19.2	
12 Dichlorofluoromethane	67	2.378	2.384	-0.006	97	288156	20.0	18.6	
14 Trichlorofluoromethane	101	2.427	2.427	0.000	70	195102	20.0	15.4	
13 Pentane	43	2.433	2.445	-0.012	94	171696	20.0	20.6	
17 1,2-Dichloro-1,1,2-trifluoroethane	67	2.701	2.713	-0.012	92	152839	20.0	20.1	
18 Acrolein	56	2.756	2.762	-0.006	98	287645	146.3	161.2	
19 1,1-Dichloroethene	96	2.896	2.884	0.012	93	114788	20.0	22.8	
20 Acetone	58	2.896	2.902	-0.006	100	229397	250.0	283.8	
21 1,1,2-Trichloro-1,2,2-trifluoroethane	101	2.914	2.921	-0.007	90	125452	20.0	21.7	
23 Isopropyl alcohol	45	3.030	3.055	-0.025	95	85686	150.0	120.1	
22 Iodomethane	142	3.061	3.061	0.000	99	224989	20.0	20.4	
24 Carbon disulfide	76	3.134	3.128	0.006	100	351218	20.0	19.7	M
26 Methyl acetate	43	3.231	3.256	-0.025	98	163808	20.0	21.9	
28 3-Chloro-1-propene	41	3.262	3.268	-0.006	87	177370	20.0	20.2	
29 Methylene Chloride	84	3.427	3.445	-0.018	94	126064	20.0	20.9	a
* 30 t-Butyl alcohol-d10 (IS)	65	3.463	3.469	-0.006	92	357367	250.0	250.0	
31 2-Methyl-2-propanol	59	3.579	3.555	0.024	98	218970	200.0	160.3	
32 Acrylonitrile	53	3.701	3.713	-0.012	98	355670	100.0	99.8	
33 trans-1,2-Dichloroethene	96	3.762	3.774	-0.012	97	118765	20.0	21.4	
34 Methyl tert-butyl ether	73	3.762	3.786	-0.024	88	327212	20.0	18.3	
35 Hexane	57	4.152	4.158	-0.006	94	136780	20.0	21.2	
37 1,1-Dichloroethane	63	4.390	4.396	-0.006	96	215118	20.0	21.2	
38 Isopropyl ether	45	4.457	4.463	-0.006	95	321108	20.0	18.4	
40 2-Chloro-1,3-butadiene	53	4.493	4.512	-0.019	95	178516	20.0	20.3	
41 Tert-butyl ethyl ether	59	5.036	5.030	0.006	97	300941	20.0	17.8	
42 2-Butanone (MEK)	43	5.243	5.249	-0.006	99	1259923	250.0	228.3	
43 cis-1,2-Dichloroethene	96	5.255	5.268	-0.013	83	132816	20.0	21.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 2,2-Dichloropropane	77	5.274	5.280	-0.006	91	195797	20.0	22.0	
46 Propionitrile	54	5.329	5.341	-0.012	98	230625	150.0	161.3	
48 Methacrylonitrile	67	5.560	5.566	-0.006	94	524460	150.0	151.1	
49 Chlorobromomethane	128	5.597	5.609	-0.012	84	70910	20.0	22.5	
50 Tetrahydrofuran	71	5.609	5.609	0.000	84	136381	100.0	106.1	
51 Chloroform	83	5.761	5.774	-0.013	94	222478	20.0	21.2	
52 1,1,1-Trichloroethane	97	5.987	5.993	-0.006	86	206400	20.0	22.6	
\$ 53 Dibromofluoromethane (Surr)	113	5.987	5.993	-0.006	93	320767	50.0	51.9	
54 Cyclohexane	56	6.072	6.078	-0.006	93	184902	20.0	19.8	
56 Carbon tetrachloride	117	6.200	6.200	0.000	78	189600	20.0	23.7	
57 1,1-Dichloropropene	75	6.206	6.213	-0.007	93	165919	20.0	21.2	
58 Isobutyl alcohol	41	6.432	6.432	0.000	93	227521	500.0	466.6	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.463	6.456	0.007	81	68119	50.0	50.7	M
60 Benzene	78	6.475	6.481	-0.006	96	471401	20.0	20.2	
61 1,2-Dichloroethane	62	6.554	6.566	-0.012	98	184286	20.0	21.5	
63 Tert-amyl methyl ether	73	6.688	6.694	-0.006	97	299183	20.0	17.8	
* 64 Fluorobenzene (IS)	96	6.908	6.908	0.000	98	1152759	50.0	50.0	
65 n-Heptane	43	6.932	6.932	0.000	92	141617	20.0	23.2	
66 n-Butanol	56	7.334	7.334	0.000	94	289635	1000.0	927.1	
67 Trichloroethene	95	7.395	7.401	-0.006	97	124824	20.0	20.8	
69 Methylcyclohexane	83	7.694	7.706	-0.012	90	191009	20.0	20.5	
70 1,2-Dichloropropane	63	7.743	7.749	-0.006	94	115715	20.0	19.8	
71 2-ethoxy-2-methyl butane	87	7.761	7.773	-0.012	90	146274	20.0	18.4	
73 1,4-Dioxane	88	7.852	7.834	0.018	30	38937	500.0	460.0	M
74 Dibromomethane	93	7.852	7.853	-0.001	84	81723	20.0	20.5	
75 Methyl methacrylate	69	7.859	7.859	0.000	90	82194	20.0	16.4	
77 Dichlorobromomethane	83	8.102	8.109	-0.007	99	156930	20.0	20.3	
78 2-Nitropropane	41	8.395	8.401	-0.006	99	48165	20.0	18.7	
80 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	95	65022	20.0	15.4	
81 cis-1,3-Dichloropropene	75	8.682	8.682	0.000	93	166531	20.0	18.2	
82 4-Methyl-2-pentanone (MIBK)	43	8.889	8.889	0.000	98	2454263	250.0	232.7	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	94	1107503	50.0	53.3	
86 Toluene	92	9.108	9.108	0.000	98	276334	20.0	20.6	
87 trans-1,3-Dichloropropene	75	9.413	9.413	0.000	97	150704	20.0	19.2	
88 Ethyl methacrylate	69	9.499	9.499	-0.001	89	140323	20.0	17.9	
89 1,1,2-Trichloroethane	97	9.639	9.639	0.000	93	98434	20.0	20.2	
90 Tetrachloroethene	166	9.712	9.712	0.000	97	138819	20.0	23.5	
91 1,3-Dichloropropane	76	9.809	9.809	0.000	95	150595	20.0	19.8	
93 2-Hexanone	43	9.883	9.883	0.000	98	1707825	250.0	244.3	
102 Chlorodibromomethane	129	10.035	10.035	0.000	90	119709	20.0	20.6	
104 Ethylene Dibromide	107	10.145	10.151	-0.006	98	102331	20.0	19.6	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	86	785672	50.0	50.0	
115 1-Chlorohexane	91	10.645	10.639	0.006	81	137934	20.0	22.1	
114 Chlorobenzene	112	10.645	10.645	0.000	94	316581	20.0	21.4	
133 1,1,1,2-Tetrachloroethane	131	10.736	10.736	0.000	95	127207	20.0	22.2	
134 Ethylbenzene	91	10.742	10.742	0.000	99	539932	20.0	20.8	
135 m-Xylene & p-Xylene	106	10.864	10.864	0.000	99	426571	40.0	42.9	
138 o-Xylene	106	11.212	11.212	0.000	97	212706	20.0	20.9	
139 Styrene	104	11.230	11.230	0.000	95	325771	20.0	19.8	
141 Bromoform	173	11.382	11.382	0.000	95	93071	20.0	20.3	
142 Isopropylbenzene	105	11.529	11.529	0.000	96	590424	20.0	21.9	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	376441	50.0	49.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
147 Bromobenzene	156	11.785	11.785	0.000	96	144430	20.0	19.6	
148 1,1,2,2-Tetrachloroethane	83	11.791	11.791	0.000	95	176643	20.0	17.8	
149 trans-1,4-Dichloro-2-butene	53	11.815	11.815	0.000	91	138587	100.0	47.5	
150 1,2,3-Trichloropropane	110	11.833	11.833	0.000	85	54325	20.0	19.1	
151 N-Propylbenzene	91	11.870	11.870	0.000	99	679505	20.0	20.3	
152 2-Chlorotoluene	126	11.943	11.943	0.000	96	138509	20.0	20.5	
153 1,3,5-Trimethylbenzene	105	12.016	12.016	0.000	95	489059	20.0	20.5	
154 4-Chlorotoluene	126	12.041	12.041	0.000	97	135266	20.0	20.7	
156 tert-Butylbenzene	134	12.260	12.260	0.000	93	90962	20.0	22.1	
158 1,2,4-Trimethylbenzene	105	12.309	12.303	0.006	97	489724	20.0	20.8	
160 sec-Butylbenzene	105	12.431	12.431	0.000	95	616170	20.0	22.4	
161 1,3-Dichlorobenzene	146	12.522	12.522	0.000	98	278550	20.0	21.9	
162 4-Isopropyltoluene	119	12.547	12.547	0.000	98	542154	20.0	22.2	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	491332	50.0	50.0	
166 1,4-Dichlorobenzene	146	12.602	12.602	0.000	96	275910	20.0	21.1	
167 1,2,3-Trimethylbenzene	105	12.614	12.614	0.000	98	527753	20.0	21.3	
168 Benzyl chloride	91	12.687	12.681	0.006	99	339070	20.0	18.4	
169 1,3-Diethylbenzene	119	12.754	12.748	0.006	95	311367	20.0	23.7	
170 p-Diethylbenzene	119	12.821	12.821	0.000	95	334081	20.0	23.6	
171 n-Butylbenzene	92	12.845	12.839	0.006	97	258820	20.0	23.2	
172 1,2-Dichlorobenzene	146	12.864	12.864	0.000	99	284434	20.0	21.7	
173 o-diethylbenzene	119	12.894	12.894	0.000	95	266141	20.0	23.4	
175 1,2-Dibromo-3-Chloropropane	75	13.425	13.419	0.006	80	48957	20.0	17.9	
177 1,3,5-Trichlorobenzene	180	13.547	13.547	-0.001	97	213897	20.0	25.1	
178 1,2,4-Trichlorobenzene	180	13.979	13.979	0.000	93	190749	20.0	22.5	
180 Hexachlorobutadiene	225	14.065	14.065	0.000	95	86214	20.0	23.3	
181 Naphthalene	128	14.162	14.162	0.000	97	622005	20.0	19.0	
182 1,2,3-Trichlorobenzene	180	14.302	14.303	0.000	95	184330	20.0	22.4	
183 2-Methylnaphthalene	142	14.900	14.900	0.000	93	304555	20.0	21.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_2CEVE_00251

Amount Added: 50.00

Units: uL

MSV_LCS_ACROL_00248

Amount Added: 50.00

Units: uL

MSV_LCS_Gases_00271

Amount Added: 50.00

Units: uL

MSV_LCS_VOC#1_00243

Amount Added: 50.00

Units: uL

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X54.D

Injection Date: 07-Oct-2025 23:07:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: LCS

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

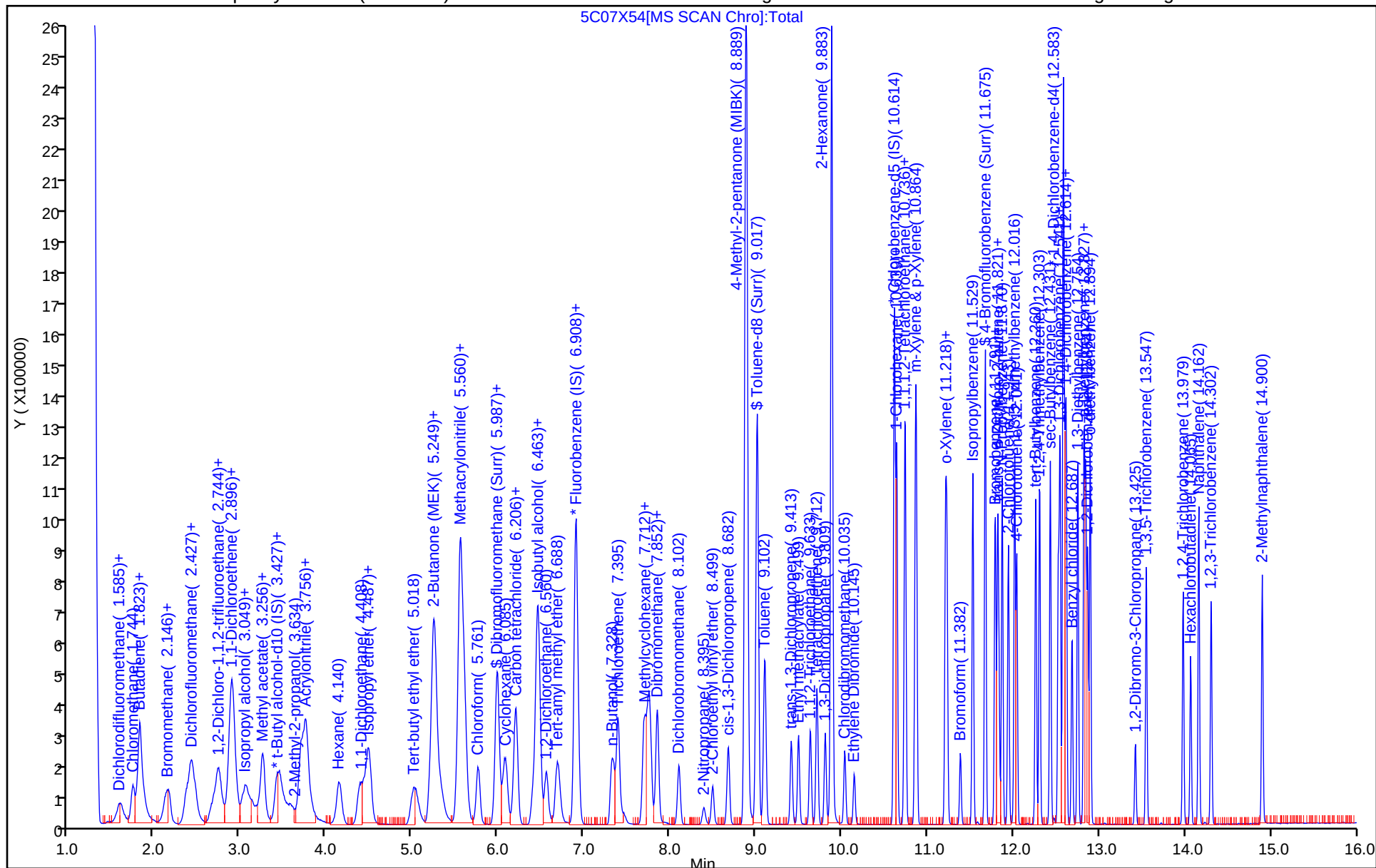
ALS Bottle#: 4

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X54.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Oct-2025 23:07:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-005
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 13:51:22 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:55:35

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	51.9	103.73
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.36
\$ 84 Toluene-d8 (Surr)	50.0	53.3	106.59
\$ 145 4-Bromofluorobenzene (Surr)	50.0	49.4	98.84

Eurofins Lancaster Laboratories Environment Testing, LLC

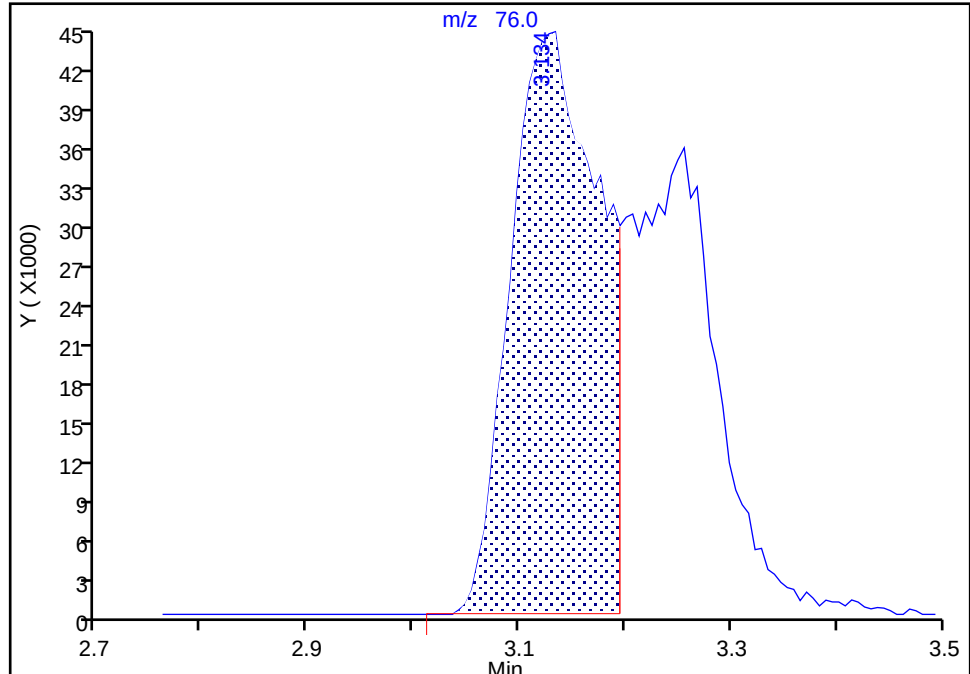
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X54.D
Injection Date: 07-Oct-2025 23:07:30 Instrument ID: 26285
Lims ID: LCS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

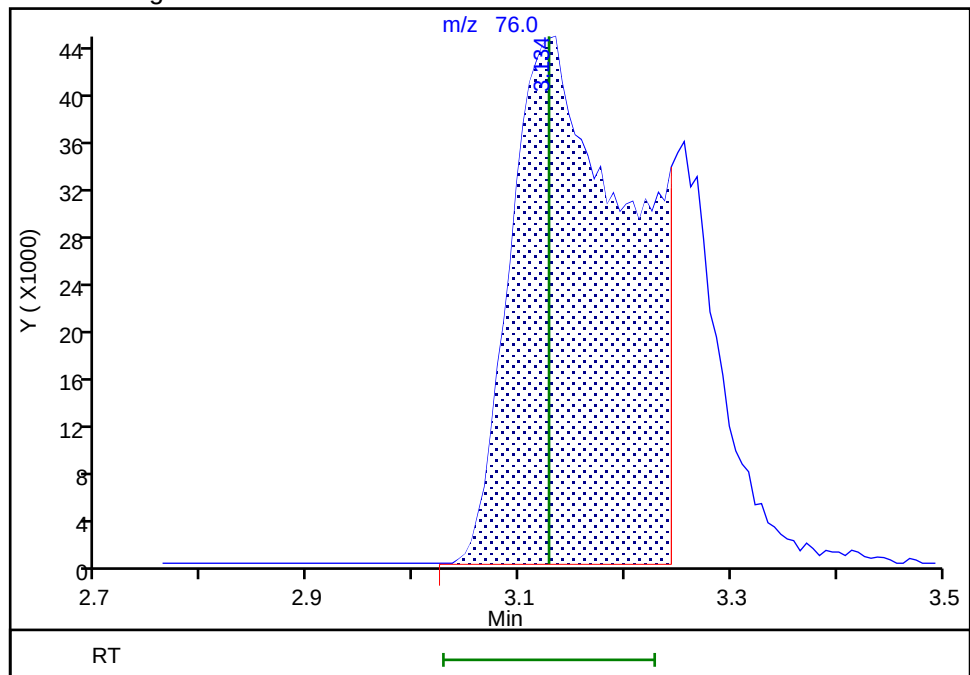
RT: 3.13
Area: 261342
Amount: 14.652713
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 351218
Amount: 19.691808
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 07-Oct-2025 23:56:57 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

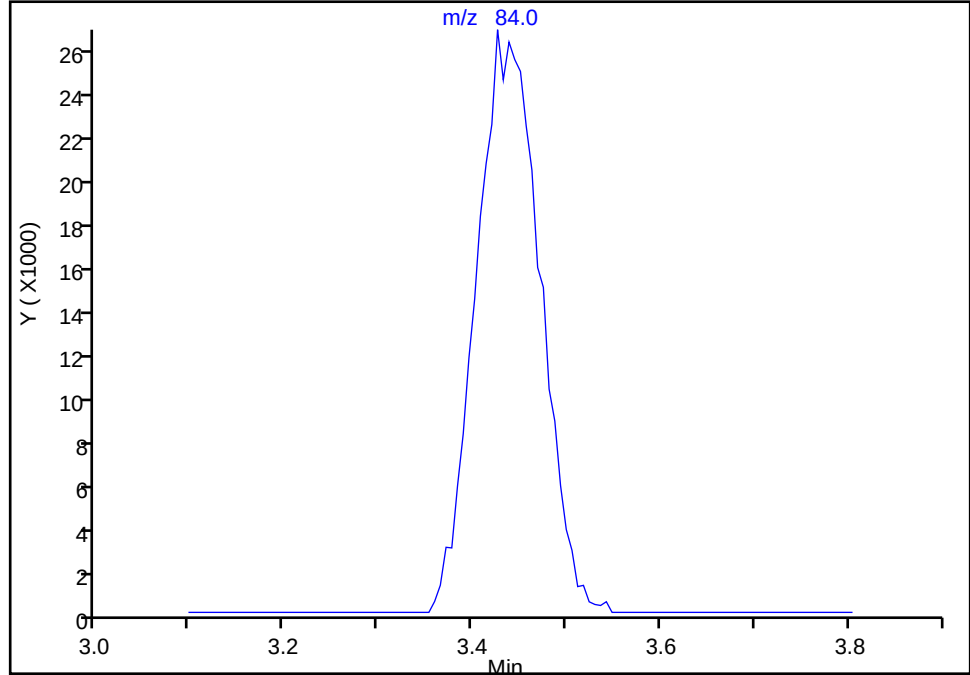
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X54.D
Injection Date: 07-Oct-2025 23:07:30 Instrument ID: 26285
Lims ID: LCS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

29 Methylene Chloride, CAS: 75-09-2

Signal: 1

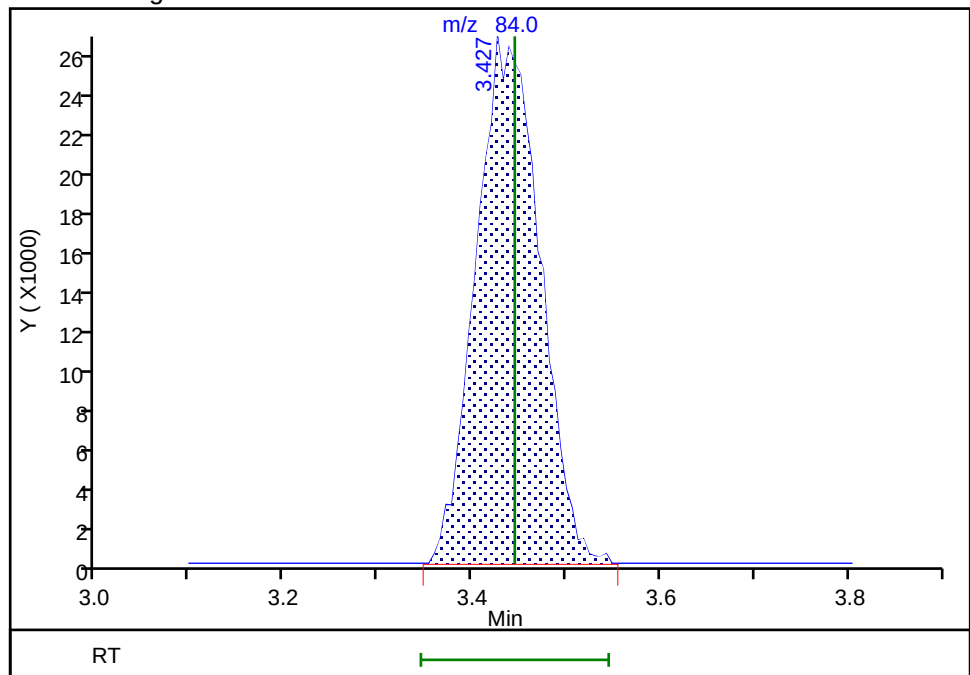
Not Detected
Expected RT: 3.44

Processing Integration Results



RT: 3.43
Area: 126064
Amount: 20.852849
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 07-Oct-2025 23:57:05 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

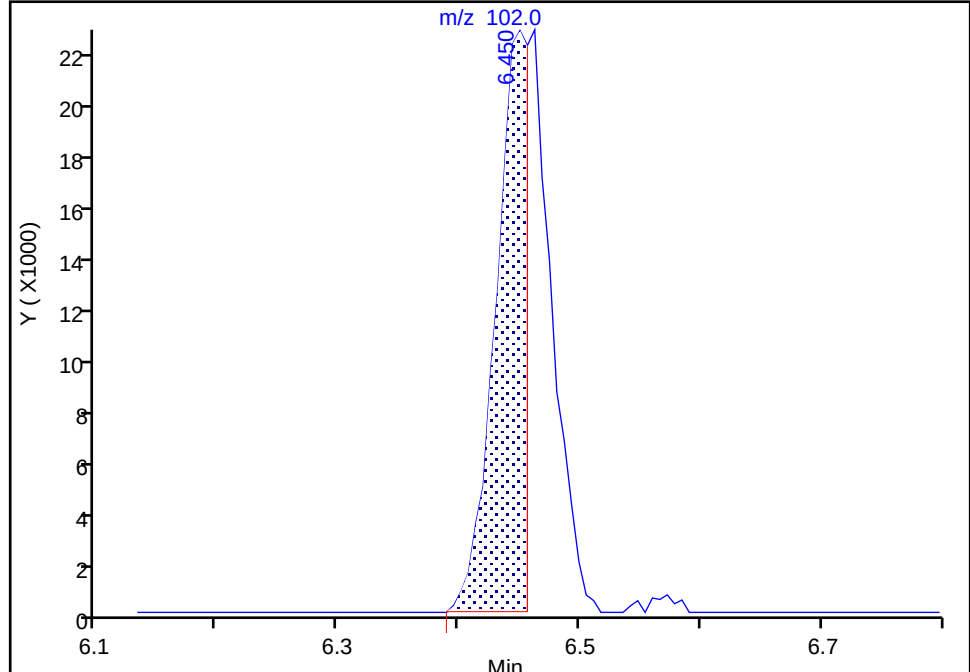
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X54.D
Injection Date: 07-Oct-2025 23:07:30 Instrument ID: 26285
Lims ID: LCS
Client ID:
Operator ID: KEL87800 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

\$ 59 1,2-Dichloroethane-d4 (Surr), CAS: 17060-07-0

Signal: 1

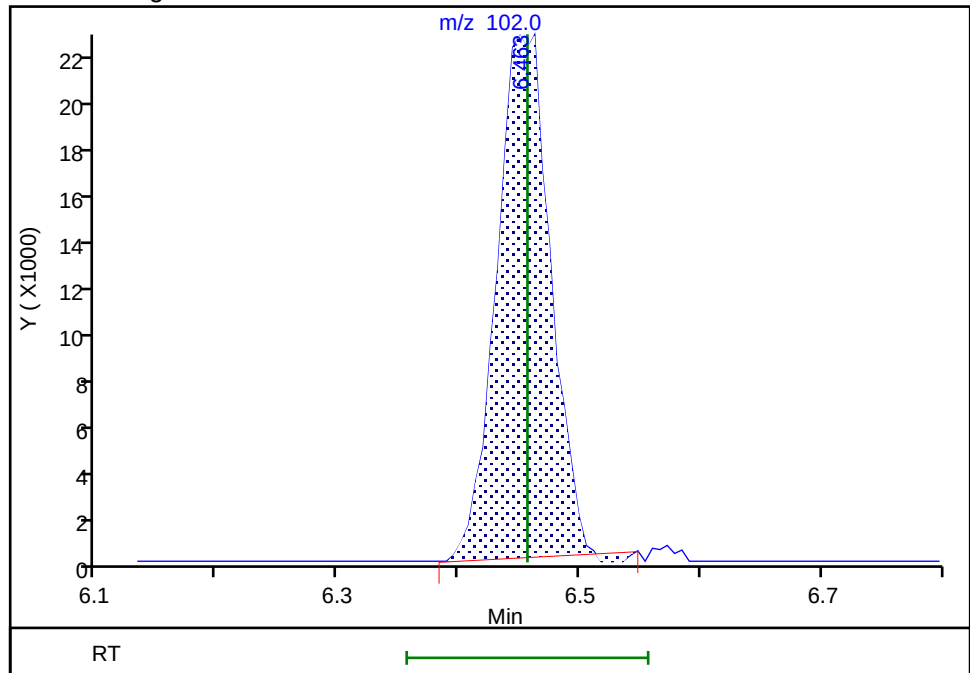
RT: 6.45
Area: 42666
Amount: 31.743545
Amount Units: ug/l

Processing Integration Results



RT: 6.46
Area: 68119
Amount: 50.680601
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 07-Oct-2025 23:57:24 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-711283/4

Matrix: Water

Lab File ID: NC09X03.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 09:38

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.0		1.0	0.30
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	25.6		1.0	0.30
79-00-5	1,1,2-Trichloroethane	21.5		1.0	0.30
75-34-3	1,1-Dichloroethane	21.7		1.0	0.30
75-35-4	1,1-Dichloroethene	20.2		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.8		1.0	0.20
107-06-2	1,2-Dichloroethane	18.3		1.0	0.30
78-87-5	1,2-Dichloropropane	22.3		1.0	0.30
78-93-3	2-Butanone (MEK)	260		10	1.0
591-78-6	2-Hexanone	281		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	257		10	0.50
67-64-1	Acetone	236		20	0.70
71-43-2	Benzene	21.2		1.0	0.30
74-97-5	Bromochloromethane	18.0		5.0	0.20
75-27-4	Bromodichloromethane	18.7		1.0	0.20
75-25-2	Bromoform	16.7		4.0	1.0
74-83-9	Bromomethane	20.9		1.0	0.30
75-15-0	Carbon disulfide	22.1		5.0	0.30
56-23-5	Carbon tetrachloride	16.6		1.0	0.30
108-90-7	Chlorobenzene	19.4		1.0	0.30
75-00-3	Chloroethane	22.7		1.0	0.30
67-66-3	Chloroform	18.7		1.0	0.30
74-87-3	Chloromethane	23.1		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.6		1.0	0.20
124-48-1	Dibromochloromethane	18.2		1.0	0.20
100-41-4	Ethylbenzene	21.4		1.0	0.40
1634-04-4	Methyl tert-butyl ether	20.6		1.0	0.20
75-09-2	Methylene Chloride	19.7		1.0	0.30
100-42-5	Styrene	20.0		5.0	0.30
127-18-4	Tetrachloroethene	16.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No. :

Client Sample ID:

Lab Sample ID: LCS 410-711283/4

Matrix: Water

Lab File ID: NC09X03.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 09:38

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.3		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	19.5		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	20.9		1.0	0.20
79-01-6	Trichloroethene	17.8		1.0	0.30
75-01-4	Vinyl chloride	23.1		1.0	0.30
1330-20-7	Xylenes, Total	62.3		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	92		80-120
2037-26-5	Toluene-d8 (Surr)	110		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 09-Oct-2025 09:38:14 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162536-004
 Operator ID: clm27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 11:40:06 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1695

First Level Reviewer: TQ4J

Date: 09-Oct-2025 10:53:31

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	2.038	2.025	0.013	99	353277	20.0	16.7	
4 Chloromethane	50	2.237	2.228	0.009	98	349857	20.0	23.1	
5 Butadiene	39	2.360	2.347	0.013	91	238600	20.0	24.4	
6 Vinyl chloride	62	2.366	2.357	0.009	98	354250	20.0	23.1	
8 Bromomethane	94	2.707	2.707	0.000	90	249301	20.0	20.9	
9 Chloroethane	64	2.807	2.800	0.007	99	159565	20.0	22.7	
10 Dichlorofluoromethane	67	3.070	3.064	0.006	97	427045	20.0	21.3	
11 Trichlorofluoromethane	101	3.141	3.138	0.003	93	263057	20.0	12.8	
12 Pentane	43	3.180	3.173	0.007	97	194635	20.0	20.5	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.524	3.501	0.023	92	196302	20.0	21.4	
16 Acrolein	56	3.607	3.598	0.009	99	268485	146.3	132.2	
17 1,1-Dichloroethene	96	3.755	3.746	0.009	96	142403	20.0	20.2	M
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.810	3.791	0.019	70	186659	20.0	18.3	a
19 Acetone	58	3.803	3.800	0.003	99	242773	250.0	236.3	
20 Iodomethane	142	3.961	3.948	0.013	98	269028	20.0	16.0	
21 Isopropyl alcohol	45	3.983	3.984	-0.001	44	153074	150.0	118.8	M
22 Carbon disulfide	76	4.064	4.061	0.003	98	520690	20.0	22.1	
24 Methyl acetate	43	4.260	4.247	0.013	96	111183	20.0	20.9	
25 3-Chloro-1-propene	41	4.279	4.270	0.009	92	181116	20.0	22.0	
26 Methylene Chloride	84	4.485	4.469	0.016	89	151993	20.0	19.7	
* 27 t-Butyl alcohol-d10 (IS)	65	4.511	4.501	0.010	93	445959	250.0	250.0	
28 2-Methyl-2-propanol	59	4.675	4.639	0.036	99	381974	200.0	202.8	
29 Acrylonitrile	53	4.855	4.848	0.007	98	328154	100.0	110.5	
32 Methyl tert-butyl ether	73	4.913	4.897	0.016	84	497365	20.0	20.6	M
31 trans-1,2-Dichloroethene	96	4.919	4.900	0.019	99	153319	20.0	19.5	
33 Hexane	57	5.353	5.340	0.013	91	191263	20.0	21.6	M
35 1,1-Dichloroethane	63	5.591	5.582	0.009	96	258218	20.0	21.7	a
36 Isopropyl ether	45	5.652	5.643	0.009	94	439939	20.0	22.9	
37 2-Chloro-1,3-butadiene	53	5.694	5.691	0.003	89	189169	20.0	19.0	
39 Tert-butyl ethyl ether	59	6.186	6.176	0.010	97	439715	20.0	20.6	
40 2-Butanone (MEK)	43	6.395	6.392	0.003	99	991967	250.0	260.3	
41 cis-1,2-Dichloroethene	96	6.424	6.411	0.013	79	183215	20.0	20.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 2,2-Dichloropropane	77	6.443	6.434	0.009	82	273252	20.0	20.5	a
44 Propionitrile	54	6.504	6.485	0.019	100	223772	150.0	137.5	
46 Methacrylonitrile	67	6.704	6.694	0.010	88	522046	150.0	161.2	
47 Chlorobromomethane	128	6.752	6.742	0.010	90	88511	20.0	18.0	
48 Tetrahydrofuran	71	6.761	6.755	0.006	76	130042	100.0	86.1	
49 Chloroform	83	6.900	6.890	0.010	92	276068	20.0	18.7	
\$ 50 Dibromofluoromethane (Surr)	113	7.115	7.106	0.009	94	332297	50.0	45.8	
51 1,1,1-Trichloroethane	97	7.125	7.115	0.010	96	269575	20.0	17.9	
52 Cyclohexane	56	7.221	7.212	0.009	89	275982	20.0	21.4	a
53 Carbon tetrachloride	117	7.334	7.324	0.010	95	234414	20.0	16.6	
54 1,1-Dichloropropene	75	7.331	7.328	0.003	97	190316	20.0	19.5	
55 Isobutyl alcohol	41	7.485	7.479	0.006	95	231968	500.0	446.0	a
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.565	7.565	0.000	96	80570	50.0	49.3	
57 Benzene	78	7.601	7.591	0.010	96	615701	20.0	21.2	
59 1,2-Dichloroethane	62	7.668	7.665	0.003	97	173177	20.0	18.3	
60 Tert-amyl methyl ether	73	7.787	7.781	0.006	99	450350	20.0	20.9	
* 62 Fluorobenzene (IS)	96	7.996	7.993	0.003	98	1276718	50.0	50.0	
63 n-Heptane	43	7.999	7.993	0.006	47	163243	20.0	21.9	
64 n-Butanol	56	8.359	8.347	0.012	85	376844	1000.0	948.0	
65 Trichloroethene	95	8.462	8.463	-0.001	98	153132	20.0	17.8	a
67 Methylcyclohexane	83	8.768	8.762	0.006	94	292911	20.0	19.0	
69 1,2-Dichloropropane	63	8.797	8.797	0.000	69	152574	20.0	22.3	M
68 2-ethoxy-2-methyl butane	87	8.806	8.800	0.006	94	234236	20.0	20.1	
70 Methyl methacrylate	69	8.877	8.874	0.003	88	100375	20.0	18.8	
71 1,4-Dioxane	88	8.884	8.884	0.000	44	69302	500.0	504.2	
72 Dibromomethane	93	8.909	8.903	0.006	97	96634	20.0	19.0	
74 Dichlorobromomethane	83	9.138	9.135	0.003	100	189847	20.0	18.7	
75 2-Nitropropane	41	9.404	9.405	-0.001	98	37126	20.0	14.3	
76 2-Chloroethyl vinyl ether	63	9.482	9.479	0.003	90	78178	20.0	17.9	
77 cis-1,3-Dichloropropene	75	9.655	9.652	0.003	98	200930	20.0	18.6	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.823	0.003	95	2202461	250.0	257.1	
\$ 79 Toluene-d8 (Surr)	98	9.951	9.948	0.003	93	1201921	50.0	55.2	
118 Toluene	92	10.025	10.022	0.003	98	357671	20.0	21.3	
120 trans-1,3-Dichloropropene	75	10.269	10.263	0.006	89	177957	20.0	20.9	
121 Ethyl methacrylate	69	10.324	10.321	0.003	87	181176	20.0	22.6	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	89	127350	20.0	21.5	
123 Tetrachloroethene	166	10.546	10.543	0.003	97	158484	20.0	16.8	
124 1,3-Dichloropropane	76	10.623	10.620	0.003	87	198511	20.0	22.3	
126 2-Hexanone	43	10.671	10.671	0.000	95	1399415	250.0	280.5	
128 Chlorodibromomethane	129	10.826	10.826	0.000	90	140301	20.0	18.2	
129 Ethylene Dibromide	107	10.941	10.935	0.006	98	126506	20.0	19.8	
* 131 Chlorobenzene-d5 (IS)	117	11.353	11.353	0.000	85	886191	50.0	50.0	
132 1-Chlorohexane	91	11.359	11.356	0.003	93	193942	20.0	20.3	
133 Chlorobenzene	112	11.382	11.379	0.003	97	387875	20.0	19.4	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	97	176182	20.0	20.0	
135 Ethylbenzene	91	11.462	11.459	0.003	98	713394	20.0	21.4	
136 m-Xylene & p-Xylene	106	11.572	11.569	0.003	100	553097	40.0	41.7	
138 o-Xylene	106	11.896	11.897	-0.001	96	284526	20.0	20.6	
139 Styrene	104	11.909	11.909	0.000	94	420618	20.0	20.0	
140 Bromoform	173	12.067	12.067	0.000	96	96275	20.0	16.7	
141 Isopropylbenzene	105	12.189	12.186	0.003	95	815977	20.0	21.4	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.330	12.327	0.003	90	420699	50.0	51.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
145 1,1,2,2-Tetrachloroethane	83	12.430	12.427	0.003	93	219929	20.0	25.6	
146 Bromobenzene	156	12.446	12.446	0.000	92	166622	20.0	18.5	
147 trans-1,4-Dichloro-2-butene	53	12.453	12.453	0.000	89	228790	100.0	106.4	
148 1,2,3-Trichloropropane	110	12.475	12.472	0.003	83	63034	20.0	21.5	
149 N-Propylbenzene	91	12.511	12.511	-0.001	99	930813	20.0	24.6	
150 2-Chlorotoluene	126	12.584	12.588	-0.004	97	181668	20.0	21.1	
151 1,3,5-Trimethylbenzene	105	12.642	12.639	0.003	95	682601	20.0	22.9	
152 4-Chlorotoluene	126	12.678	12.678	0.000	97	172148	20.0	20.9	
154 tert-Butylbenzene	134	12.880	12.880	0.000	92	131351	20.0	19.9	
155 1,2,4-Trimethylbenzene	105	12.922	12.922	0.000	97	681389	20.0	22.4	
157 sec-Butylbenzene	105	13.041	13.041	0.000	94	901815	20.0	23.9	
158 1,3-Dichlorobenzene	146	13.144	13.141	0.003	98	341357	20.0	20.2	
159 4-Isopropyltoluene	119	13.147	13.147	0.000	97	733956	20.0	21.6	
* 160 1,4-Dichlorobenzene-d4	152	13.195	13.196	-0.001	94	489076	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.215	13.212	0.003	96	339441	20.0	20.2	
162 1,2,3-Trimethylbenzene	105	13.221	13.224	-0.003	98	732644	20.0	23.7	
163 Benzyl chloride	91	13.292	13.292	0.000	98	425700	20.0	27.8	
164 1,3-Diethylbenzene	119	13.343	13.343	0.000	95	435966	20.0	23.4	
165 p-Diethylbenzene	119	13.417	13.414	0.003	96	449841	20.0	23.0	
166 n-Butylbenzene	92	13.433	13.433	0.000	98	370903	20.0	25.5	
167 1,2-Dichlorobenzene	146	13.475	13.472	0.003	98	339138	20.0	20.2	
168 o-diethylbenzene	119	13.488	13.488	0.000	95	376045	20.0	22.5	
170 1,2-Dibromo-3-Chloropropane	75	14.009	14.006	0.003	88	50510	20.0	21.9	
171 1,3,5-Trichlorobenzene	180	14.131	14.128	0.003	98	266433	20.0	19.2	
172 1,2,4-Trichlorobenzene	180	14.552	14.549	0.003	94	249817	20.0	19.3	
174 Hexachlorobutadiene	225	14.633	14.633	0.000	98	87268	20.0	16.3	
175 Naphthalene	128	14.739	14.736	0.003	97	832726	20.0	21.7	
176 1,2,3-Trichlorobenzene	180	14.880	14.877	0.003	96	248116	20.0	18.8	
177 2-Methylnaphthalene	142	15.527	15.523	0.003	91	507871	20.0	22.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_ACROL_00248

Amount Added: 50.00

Units: uL

MSV_LCS_Gases_00271

Amount Added: 50.00

Units: uL

MSV_LCS_2CEVE_00251

Amount Added: 50.00

Units: uL

MSV_LCS_VOC#1_00243

Amount Added: 50.00

Units: uL

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 09-Oct-2025 11:55:46

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D

Injection Date: 09-Oct-2025 09:38:14

Instrument ID: 7159

Operator ID: clm27445

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

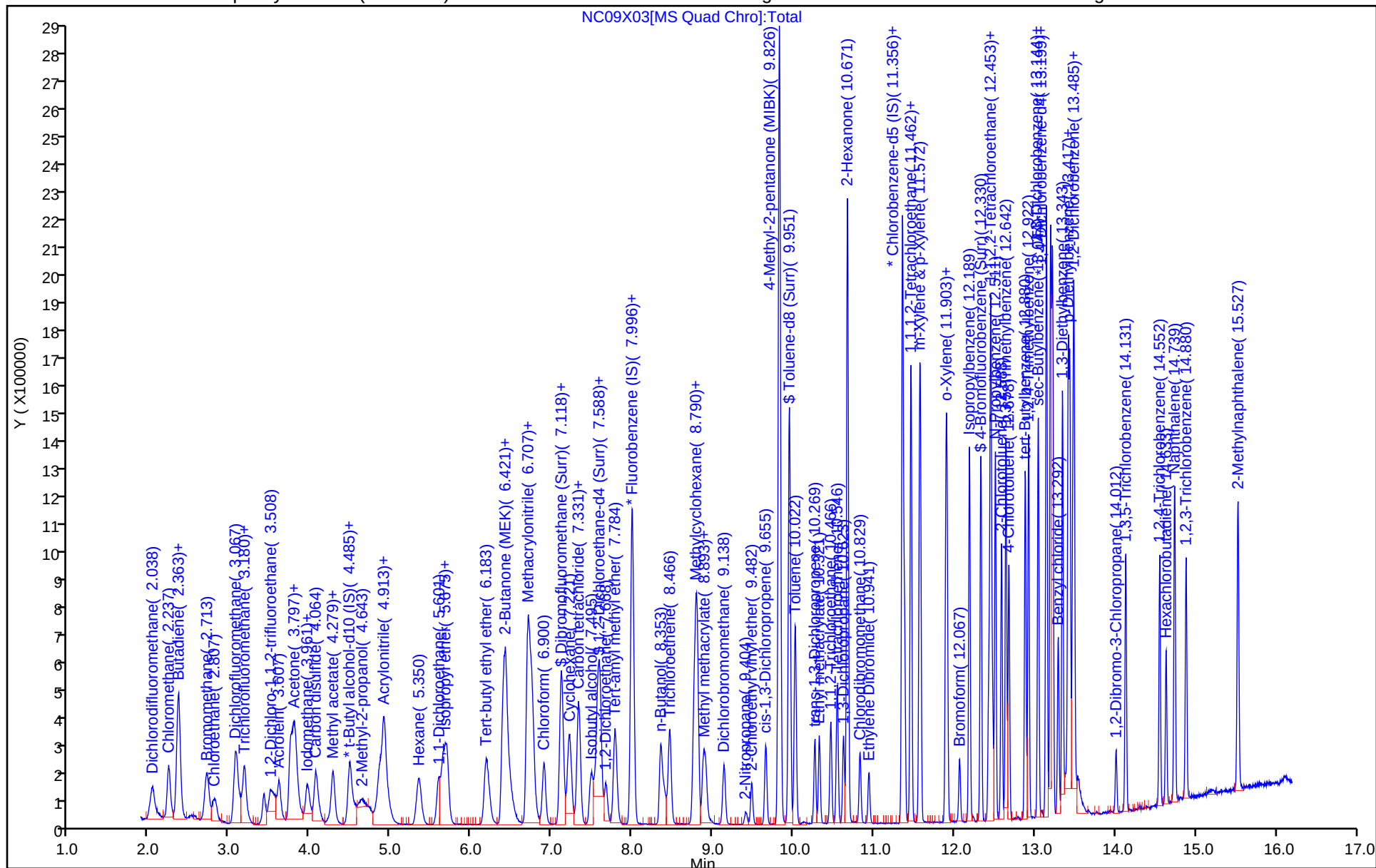
ALS Bottle#: 3

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Oct-2025 09:38:14 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162536-004
Operator ID: clm27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 11:40:06 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1695

First Level Reviewer: TQ4J

Date: 09-Oct-2025 10:53:31

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	45.8	91.57
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	49.3	98.52
\$ 79 Toluene-d8 (Surr)	50.0	55.2	110.42
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.2	102.36

Eurofins Lancaster Laboratories Environment Testing, LLC

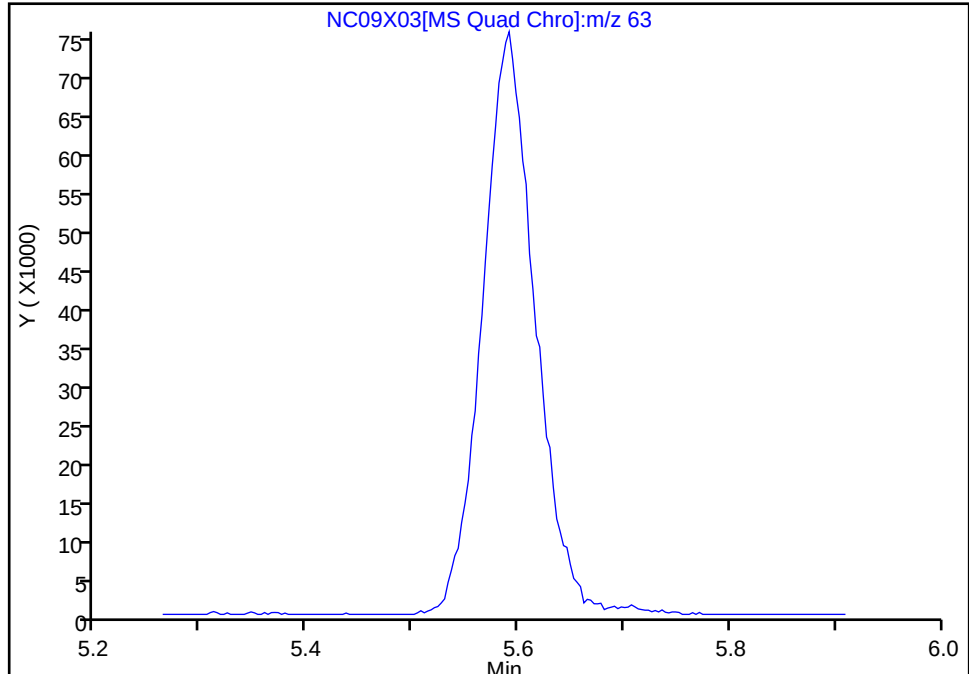
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Injection Date: 09-Oct-2025 09:38:14 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: clm27445 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

35 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

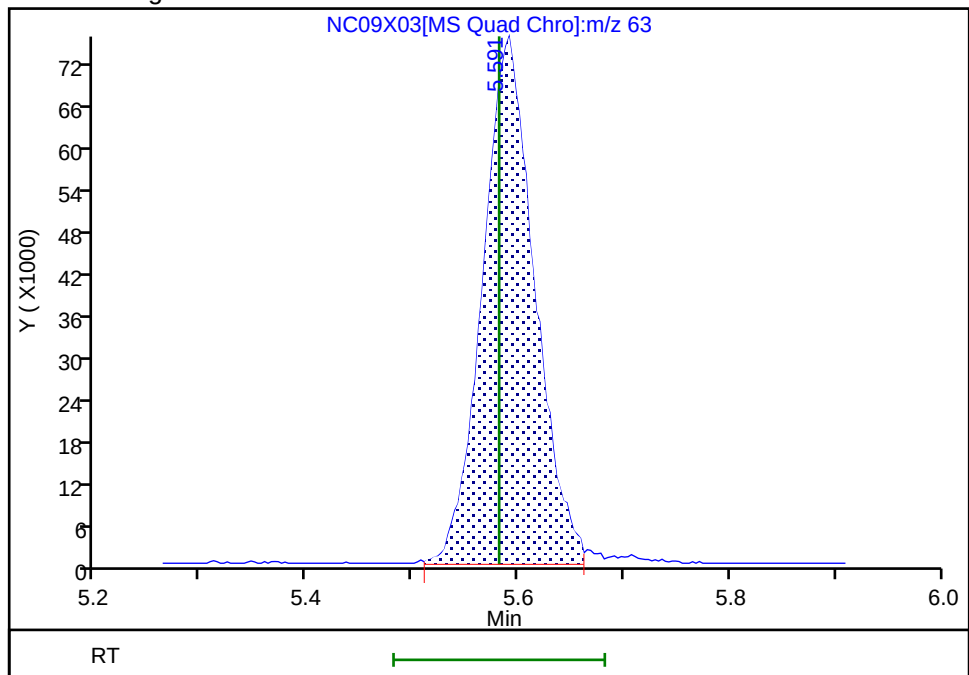
Not Detected
Expected RT: 5.58

Processing Integration Results



RT: 5.59
Area: 258218
Amount: 21.738333
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:49:41 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

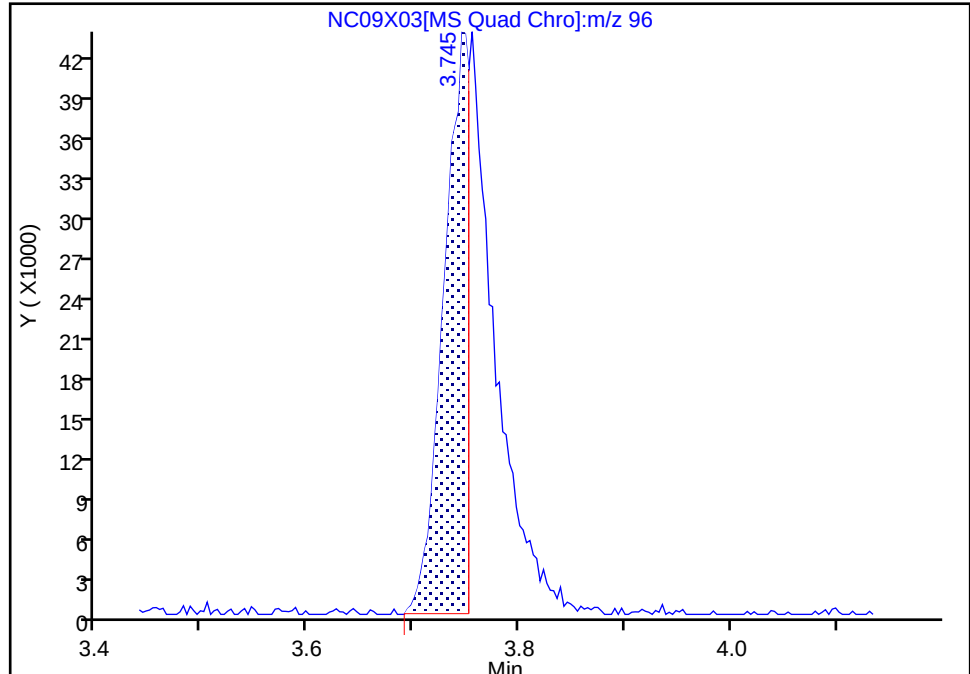
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D
Injection Date: 09-Oct-2025 09:38:14 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: clm27445 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

17 1,1-Dichloroethene, CAS: 75-35-4

Signal: 1

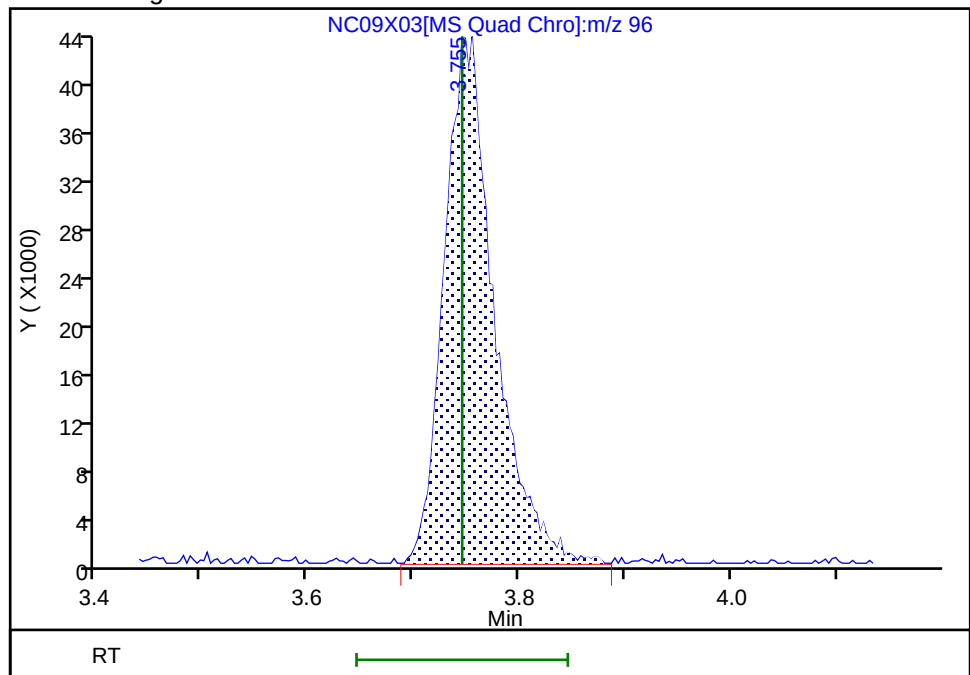
RT: 3.75
Area: 71289
Amount: 10.113654
Amount Units: ug/l

Processing Integration Results



RT: 3.76
Area: 142403
Amount: 20.202480
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:48:41 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

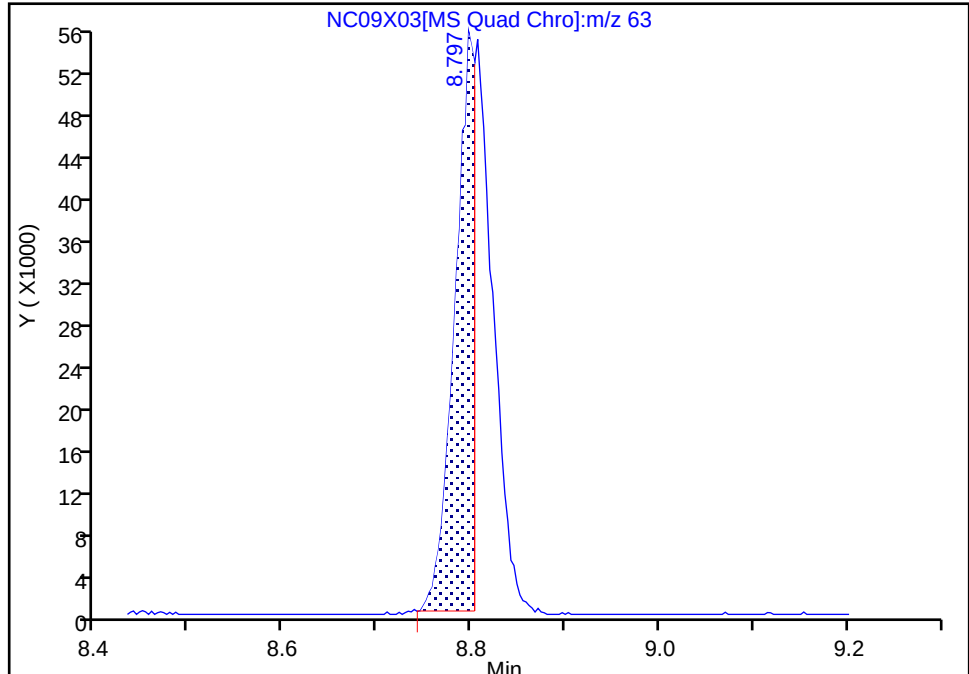
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D
Injection Date: 09-Oct-2025 09:38:14 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: clm27445 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

69 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

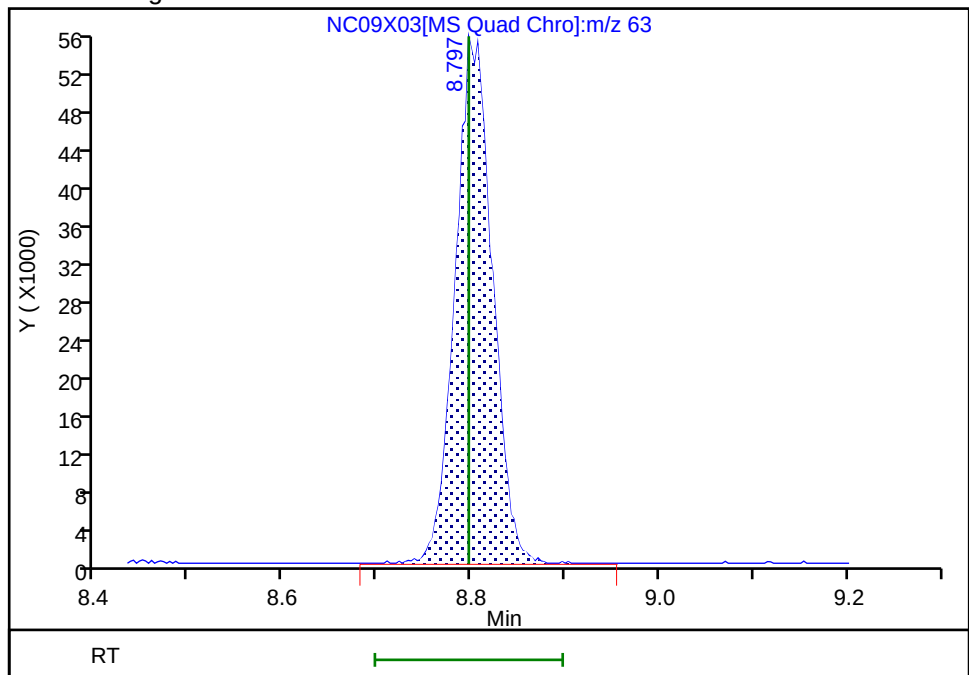
RT: 8.80
Area: 81740
Amount: 11.934490
Amount Units: ug/l

Processing Integration Results



RT: 8.80
Area: 152574
Amount: 22.276644
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:52:11 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

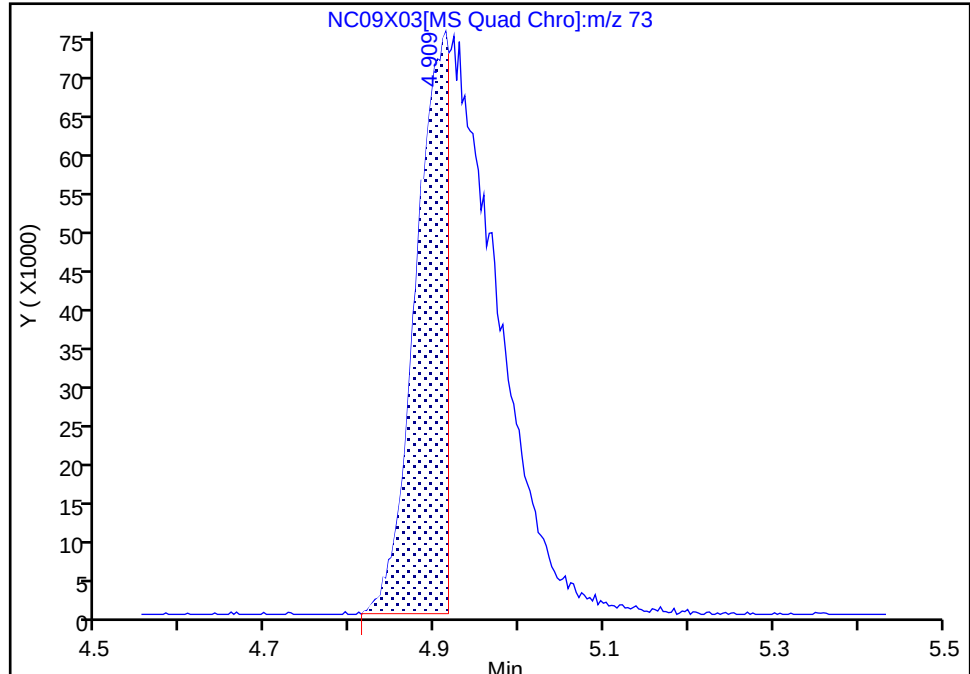
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D
Injection Date: 09-Oct-2025 09:38:14 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: clm27445 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

32 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

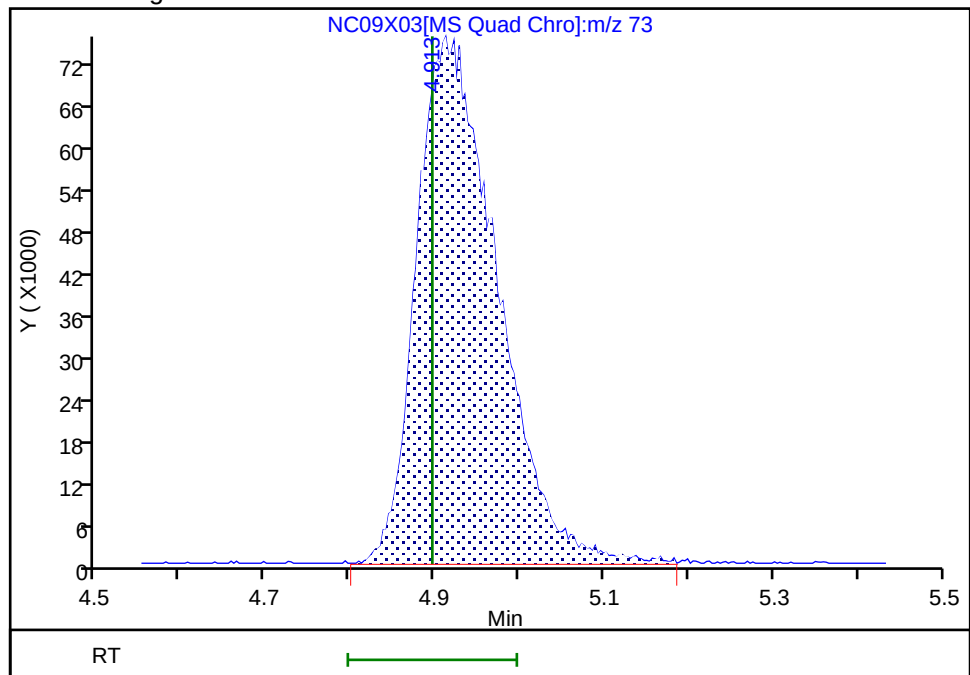
RT: 4.91
Area: 200689
Amount: 8.330401
Amount Units: ug/l

Processing Integration Results



RT: 4.91
Area: 497365
Amount: 20.645127
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:49:29 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC

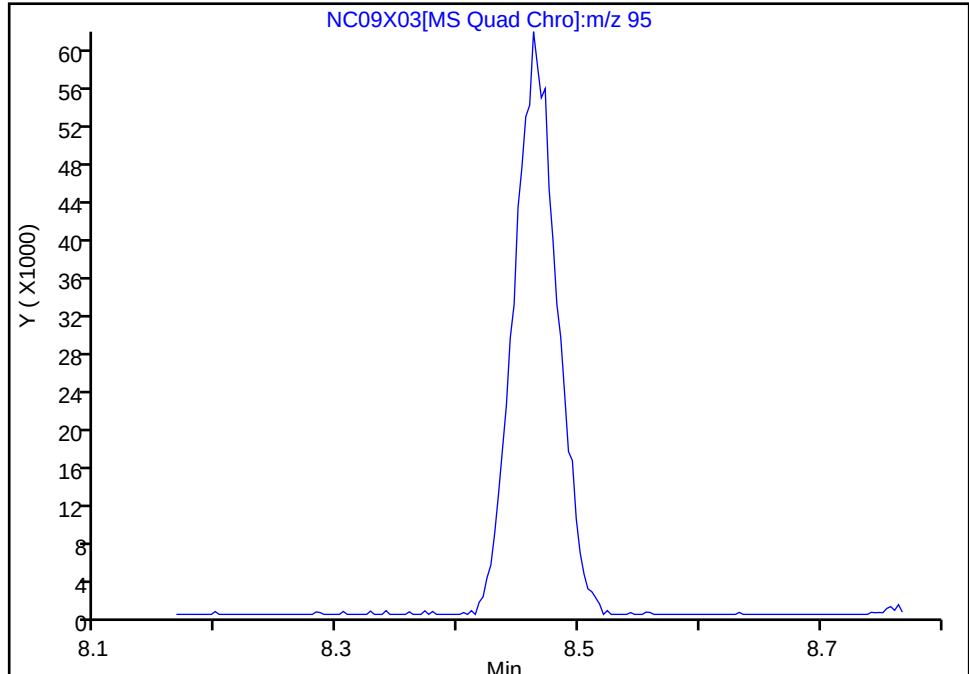
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X03.D
Injection Date: 09-Oct-2025 09:38:14 Instrument ID: 7159
Lims ID: LCS
Client ID:
Operator ID: clm27445 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

65 Trichloroethene, CAS: 79-01-6

Signal: 1

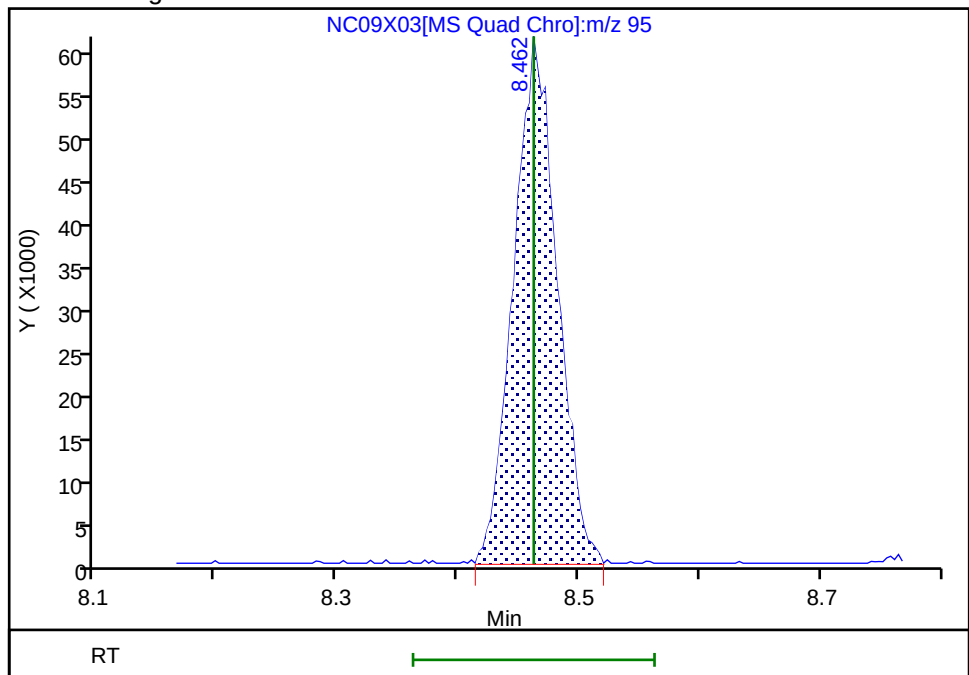
Not Detected
Expected RT: 8.46

Processing Integration Results



RT: 8.46
Area: 153132
Amount: 17.841245
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:50:06 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCS 410-711513/4

Matrix: Water

Lab File ID: FC08X53.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/09/2025 11:11

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.0		1.0	0.30
71-55-6	1,1,1-Trichloroethane	21.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.30
75-34-3	1,1-Dichloroethane	21.0		1.0	0.30
75-35-4	1,1-Dichloroethene	18.5		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.8		1.0	0.20
107-06-2	1,2-Dichloroethane	22.3		1.0	0.30
78-87-5	1,2-Dichloropropane	20.6		1.0	0.30
78-93-3	2-Butanone (MEK)	262		10	1.0
591-78-6	2-Hexanone	310		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	312		10	0.50
67-64-1	Acetone	194		20	0.70
71-43-2	Benzene	20.5		1.0	0.30
74-97-5	Bromochloromethane	20.0		5.0	0.20
75-27-4	Bromodichloromethane	20.7		1.0	0.20
75-25-2	Bromoform	18.2		4.0	1.0
74-83-9	Bromomethane	19.1		1.0	0.30
75-15-0	Carbon disulfide	22.1		5.0	0.30
56-23-5	Carbon tetrachloride	21.9		1.0	0.30
108-90-7	Chlorobenzene	20.1		1.0	0.30
75-00-3	Chloroethane	20.5		1.0	0.30
67-66-3	Chloroform	21.8		1.0	0.30
74-87-3	Chloromethane	19.6		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.20
124-48-1	Dibromochloromethane	18.9		1.0	0.20
100-41-4	Ethylbenzene	21.1		1.0	0.40
1634-04-4	Methyl tert-butyl ether	22.5		1.0	0.20
75-09-2	Methylene Chloride	21.7		1.0	0.30
100-42-5	Styrene	19.7		5.0	0.30
127-18-4	Tetrachloroethene	19.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCS 410-711513/4

Matrix: Water Lab File ID: FC08X53.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/09/2025 11:11

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 711513 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.8		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	21.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.4		1.0	0.20
79-01-6	Trichloroethene	20.5		1.0	0.30
75-01-4	Vinyl chloride	20.1		1.0	0.30
1330-20-7	Xylenes, Total	60.2		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	106		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	105		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X53.D
 Lims ID: LCS
 Client ID:
 Sample Type: LCS
 Inject. Date: 09-Oct-2025 11:11:39 ALS Bottle#: 3 Worklist Smp#: 4
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162542-004
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: ULCP

Date: 09-Oct-2025 16:57:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.933	1.943	-0.010	99	473452	20.0	17.4	
4 Chloromethane	50	2.129	2.136	-0.007	99	667169	20.0	19.6	
5 Vinyl chloride	62	2.242	2.251	-0.009	98	601414	20.0	20.1	
6 Butadiene	39	2.255	2.264	-0.009	94	1256671	20.0	35.7	
8 Bromomethane	94	2.579	2.592	-0.013	91	329900	20.0	19.1	
9 Chloroethane	64	2.669	2.682	-0.013	99	330940	20.0	20.5	
10 Dichlorofluoromethane	67	2.917	2.930	-0.013	97	845708	20.0	21.3	
11 Trichlorofluoromethane	101	2.972	2.984	-0.012	94	489156	20.0	16.2	
12 Pentane	43	3.010	3.017	-0.007	97	597008	20.0	21.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.322	3.351	-0.029	94	443997	20.0	20.5	
16 Acrolein	56	3.415	3.422	-0.007	99	1183286	146.3	116.4	
17 1,1-Dichloroethene	96	3.554	3.550	0.004	94	298149	20.0	18.5	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.589	3.595	-0.006	94	305942	20.0	18.9	
19 Acetone	58	3.605	3.608	-0.003	100	1101106	250.0	194.4	
21 Iodomethane	142	3.753	3.763	-0.009	100	486985	20.0	18.4	
22 Isopropyl alcohol	45	3.792	3.808	-0.016	96	828270	150.0	151.9	
23 Carbon disulfide	76	3.869	3.865	0.004	99	1045242	20.0	22.1	
24 Methyl acetate	43	4.020	4.029	-0.009	99	580923	20.0	27.8	
25 3-Chloro-1-propene	41	4.033	4.033	0.000	92	587799	20.0	26.2	
26 Methylene Chloride	84	4.226	4.238	-0.012	99	352992	20.0	21.7	
* 27 t-Butyl alcohol-d10 (IS)	65	4.293	4.316	-0.023	98	2494580	250.0	250.0	
28 2-Methyl-2-propanol	59	4.425	4.412	0.013	96	1882742	200.0	220.2	
31 Acrylonitrile	53	4.592	4.598	-0.006	100	1490412	100.0	120.6	
32 trans-1,2-Dichloroethene	96	4.637	4.637	0.000	96	310597	20.0	21.4	
33 Methyl tert-butyl ether	73	4.660	4.656	0.004	97	820704	20.0	22.5	
34 Hexane	57	5.065	5.071	-0.006	94	288576	20.0	20.0	
35 1,1-Dichloroethane	63	5.312	5.319	-0.007	97	545470	20.0	21.0	
36 Isopropyl ether	45	5.402	5.412	-0.010	91	782769	20.0	19.7	
37 2-Chloro-1,3-butadiene	53	5.425	5.428	-0.003	93	413658	20.0	20.3	
39 Tert-butyl ethyl ether	59	5.936	5.939	-0.003	95	613484	20.0	18.4	
41 2-Butanone (MEK)	43	6.148	6.155	-0.007	100	4054970	250.0	262.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	6.152	6.164	-0.012	85	310730	20.0	19.4	
43 2,2-Dichloropropane	77	6.184	6.190	-0.006	90	428758	20.0	21.5	
44 Propionitrile	54	6.258	6.251	0.007	99	900325	150.0	126.7	
45 Methacrylonitrile	67	6.460	6.460	0.000	93	1377566	150.0	157.3	
46 Chlorobromomethane	128	6.489	6.499	-0.010	96	151808	20.0	20.0	
47 Tetrahydrofuran	71	6.515	6.518	-0.003	85	448015	100.0	82.4	
48 Chloroform	83	6.644	6.656	-0.012	95	511758	20.0	21.8	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.865	0.000	93	693673	50.0	52.7	
50 1,1,1-Trichloroethane	97	6.872	6.881	-0.009	98	439997	20.0	21.9	
51 Cyclohexane	56	6.965	6.971	-0.006	95	468493	20.0	20.5	
53 Carbon tetrachloride	117	7.071	7.087	-0.016	96	369807	20.0	21.9	
52 1,1-Dichloropropene	75	7.084	7.087	-0.003	92	334912	20.0	19.4	
56 Isobutyl alcohol	41	7.293	7.286	0.007	94	1177837	500.0	450.1	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.325	7.322	0.003	99	176281	50.0	51.3	
58 Benzene	78	7.348	7.354	-0.006	95	1103740	20.0	20.5	
59 1,2-Dichloroethane	62	7.428	7.431	-0.003	97	373552	20.0	22.3	
60 Tert-amyl methyl ether	73	7.560	7.560	0.000	96	646189	20.0	20.0	
* 61 Fluorobenzene (IS)	96	7.759	7.762	-0.003	97	2443924	50.0	50.0	
62 n-Heptane	43	7.772	7.775	-0.003	41	259920	20.0	21.4	a
63 n-Butanol	56	8.161	8.158	0.003	95	1484097	1000.0	852.0	
64 Trichloroethene	95	8.242	8.238	0.004	98	249872	20.0	20.5	
65 Methylcyclohexane	83	8.544	8.550	-0.006	93	373525	20.0	20.2	
66 1,2-Dichloropropane	63	8.579	8.585	-0.006	95	266854	20.0	20.6	
67 2-ethoxy-2-methyl butane	87	8.592	8.592	0.000	93	322515	20.0	19.9	
68 Methyl methacrylate	69	8.672	8.676	-0.004	92	210018	20.0	21.1	
70 1,4-Dioxane	88	8.672	8.676	-0.004	53	248664	500.0	448.6	
69 Dibromomethane	93	8.685	8.692	-0.007	94	164935	20.0	20.8	
72 Dichlorobromomethane	83	8.926	8.926	0.000	98	295776	20.0	20.7	
73 2-Nitropropane	41	9.216	9.216	0.000	99	146151	20.0	20.5	
74 2-Chloroethyl vinyl ether	63	9.299	9.296	0.003	92	119266	20.0	17.0	
76 cis-1,3-Dichloropropene	75	9.473	9.476	-0.003	92	274121	20.0	17.7	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.663	0.000	98	7600377	250.0	311.9	
\$ 79 Toluene-d8 (Surr)	98	9.782	9.785	-0.003	94	2483213	50.0	52.7	
80 Toluene	92	9.859	9.859	0.000	98	600257	20.0	19.8	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	97	248808	20.0	18.4	
106 Ethyl methacrylate	69	10.184	10.183	0.001	91	300039	20.0	19.3	
107 1,1,2-Trichloroethane	97	10.322	10.319	0.003	93	198279	20.0	19.6	
108 Tetrachloroethene	166	10.402	10.402	0.000	95	237275	20.0	19.8	
109 1,3-Dichloropropane	76	10.483	10.486	-0.003	95	326757	20.0	19.7	
110 2-Hexanone	43	10.544	10.544	0.000	98	5456823	250.0	309.7	
111 Chlorodibromomethane	129	10.695	10.695	0.000	90	199560	20.0	18.9	
112 Ethylene Dibromide	107	10.801	10.804	-0.003	100	192917	20.0	19.8	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1664711	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	93	265325	20.0	20.1	
115 Chlorobenzene	112	11.267	11.267	0.000	94	637128	20.0	20.1	
117 1,1,1,2-Tetrachloroethane	131	11.348	11.347	0.001	94	241376	20.0	20.0	
118 Ethylbenzene	91	11.351	11.351	0.000	99	1149695	20.0	21.1	
119 m-Xylene & p-Xylene	106	11.470	11.466	0.004	99	876413	40.0	41.0	
120 o-Xylene	106	11.798	11.801	-0.003	97	422855	20.0	19.2	
121 Styrene	104	11.814	11.814	0.000	95	638754	20.0	19.7	
122 Bromoform	173	11.968	11.968	0.000	94	135389	20.0	18.2	
123 Isopropylbenzene	105	12.100	12.100	0.000	97	1070132	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 126 4-Bromofluorobenzene (Surr)	95	12.241	12.241	0.000	86	903038	50.0	53.1	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.347	0.000	95	424086	20.0	20.1	
128 Bromobenzene	156	12.360	12.360	0.000	97	249719	20.0	19.2	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	85	246733	100.0	56.7	
130 1,2,3-Trichloropropane	110	12.392	12.392	0.000	86	136302	20.0	19.6	
131 N-Propylbenzene	91	12.431	12.431	0.000	99	1355476	20.0	22.1	
132 2-Chlorotoluene	126	12.505	12.505	0.000	96	265003	20.0	20.0	
133 1,3,5-Trimethylbenzene	105	12.569	12.566	0.003	96	884514	20.0	20.0	
134 4-Chlorotoluene	126	12.601	12.598	0.003	98	252543	20.0	20.5	
135 tert-Butylbenzene	134	12.810	12.810	0.000	94	139611	20.0	16.4	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	893315	20.0	20.0	
137 sec-Butylbenzene	105	12.974	12.974	0.000	95	1037202	20.0	20.8	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	97	474058	20.0	20.3	
139 4-Isopropyltoluene	119	13.084	13.080	0.004	97	874104	20.0	20.3	
* 140 1,4-Dichlorobenzene-d4	152	13.126	13.125	0.001	96	974213	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	95	484572	20.0	20.2	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	976752	20.0	21.6	
143 Benzyl chloride	91	13.225	13.225	0.000	99	652824	20.0	19.8	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	521368	20.0	20.8	
145 p-Diethylbenzene	119	13.354	13.357	-0.003	93	561816	20.0	21.1	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	480374	20.0	22.8	
147 1,2-Dichlorobenzene	146	13.409	13.408	0.001	96	500801	20.0	20.0	
148 o-diethylbenzene	119	13.428	13.428	0.000	96	453709	20.0	20.4	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.952	0.003	78	134220	20.0	19.7	
150 1,3,5-Trichlorobenzene	180	14.077	14.077	0.000	96	317492	20.0	21.4	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	94	296437	20.0	20.8	
152 Hexachlorobutadiene	225	14.589	14.588	0.001	98	104433	20.0	18.0	
153 Naphthalene	128	14.691	14.691	0.000	98	1317875	20.0	21.5	
154 1,2,3-Trichlorobenzene	180	14.836	14.836	0.000	94	349365	20.0	22.6	
155 2-Methylnaphthalene	142	15.482	15.482	0.000	92	715623	20.0	21.8	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_LCS_ACROL_00248

Amount Added: 50.00

Units: uL

MSV_LCS_Gases_00271

Amount Added: 50.00

Units: uL

MSV_LCS_2CEVE_00251

Amount Added: 50.00

Units: uL

MSV_LCS_VOC#1_00243

Amount Added: 50.00

Units: uL

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 10-Oct-2025 09:19:45

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X53.D

Injection Date: 09-Oct-2025 11:11:39

Instrument ID: 15830

Operator ID: lcp00895

Lims ID: LCS

Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

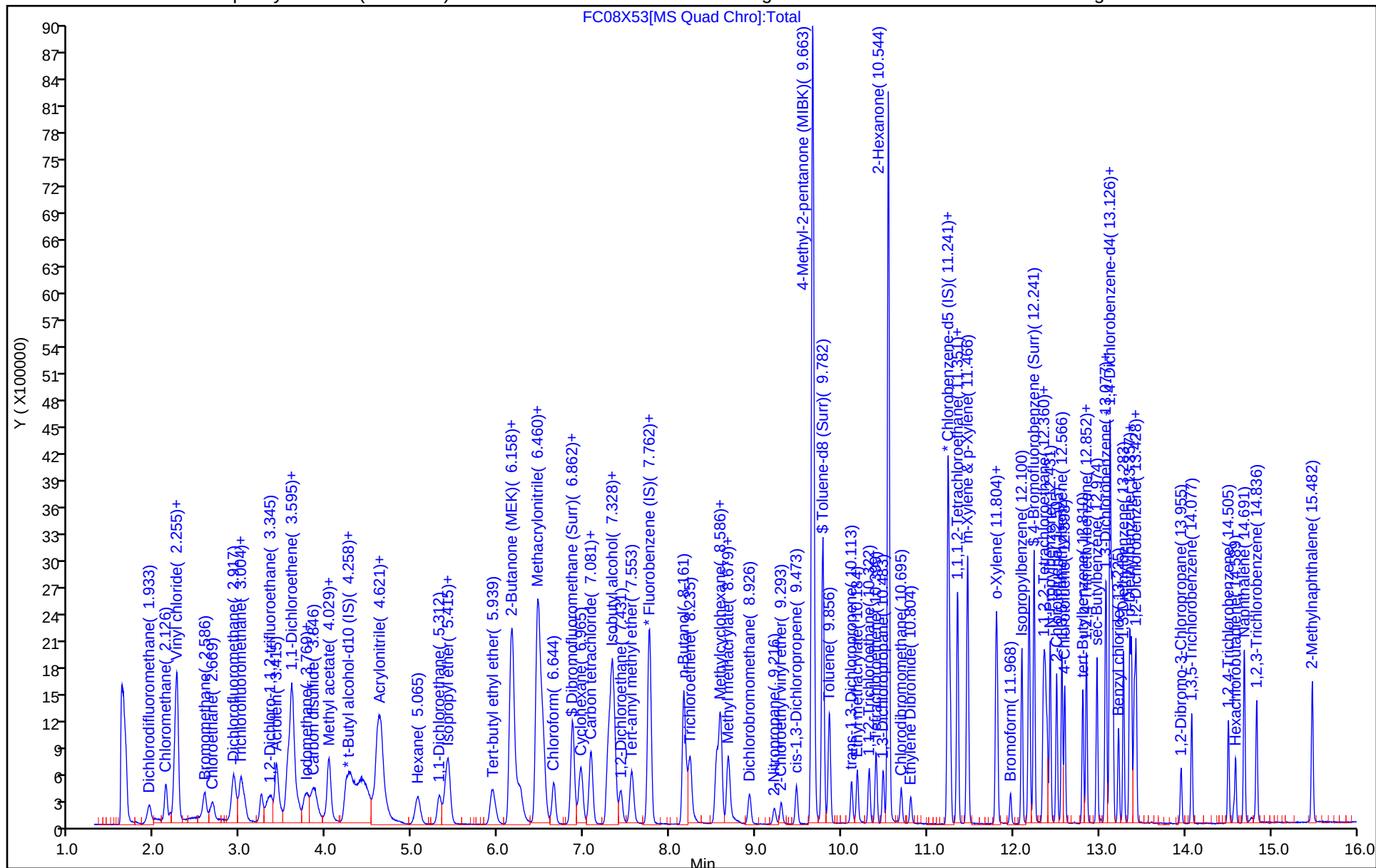
ALS Bottle#: 3

Method: MSVoa_15830_PT2

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X53.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Oct-2025 11:11:39 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162542-004
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: ULCP

Date: 09-Oct-2025 16:57:30

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	52.7	105.34
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	51.3	102.54
\$ 79 Toluene-d8 (Surr)	50.0	52.7	105.32
\$ 126 4-Bromofluorobenzene (Surr)	50.0	53.1	106.12

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-710460/6

Matrix: Water

Lab File ID: 5C07X55.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5(mL)

Date Analyzed: 10/07/2025 23:28

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 710460

Units: ug/L

Preparation Batch No.:

Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.9		1.0	0.30
71-55-6	1,1,1-Trichloroethane	22.4		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	17.2		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.6		1.0	0.30
75-34-3	1,1-Dichloroethane	20.6		1.0	0.30
75-35-4	1,1-Dichloroethene	22.4		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	18.8		1.0	0.20
107-06-2	1,2-Dichloroethane	21.2		1.0	0.30
78-87-5	1,2-Dichloropropane	18.8		1.0	0.30
78-93-3	2-Butanone (MEK)	235		10	1.0
591-78-6	2-Hexanone	241		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	229		10	0.50
67-64-1	Acetone	309		20	0.70
71-43-2	Benzene	19.4		1.0	0.30
74-97-5	Bromochloromethane	21.0		5.0	0.20
75-27-4	Bromodichloromethane	20.0		1.0	0.20
75-25-2	Bromoform	19.6		4.0	1.0
74-83-9	Bromomethane	19.0		1.0	0.30
75-15-0	Carbon disulfide	19.3		5.0	0.30
56-23-5	Carbon tetrachloride	23.0		1.0	0.30
108-90-7	Chlorobenzene	20.6		1.0	0.30
75-00-3	Chloroethane	18.6		1.0	0.30
67-66-3	Chloroform	21.3		1.0	0.30
74-87-3	Chloromethane	17.1		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.9		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.4		1.0	0.20
124-48-1	Dibromochloromethane	20.2		1.0	0.20
100-41-4	Ethylbenzene	20.0		1.0	0.40
1634-04-4	Methyl tert-butyl ether	19.4		1.0	0.20
75-09-2	Methylene Chloride	20.9		1.0	0.30
100-42-5	Styrene	19.3		5.0	0.30
127-18-4	Tetrachloroethene	23.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1
Environment Testing, LLC

SDG No.: _____

Client Sample ID: _____ Lab Sample ID: LCSD 410-710460/6

Matrix: Water Lab File ID: 5C07X55.D

Analysis Method: 8260D Date Collected: _____

Sample wt/vol: 5 (mL) Date Analyzed: 10/07/2025 23:28

Soil Aliquot Vol: _____ Dilution Factor: 1

Soil Extract Vol.: _____ GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL) Heated Purge: (Y/N) N pH: _____

% Moisture: _____ % Solids: _____ Level: (low/med) Low

Analysis Batch No.: 710460 Units: ug/L

Preparation Batch No.: _____ Instrument ID: 26285

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.2		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.9		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.8		1.0	0.20
79-01-6	Trichloroethene	20.1		1.0	0.30
75-01-4	Vinyl chloride	17.3		1.0	0.30
1330-20-7	Xylenes, Total	62.7		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X55.D
 Lims ID: LCS D
 Client ID:
 Sample Type: LCS D
 Inject. Date: 07-Oct-2025 23:28:30 ALS Bottle#: 5 Worklist Smp#: 6
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162333-006
 Operator ID: KEL87800 Instrument ID: 26285
 Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
 Limit Group: MSV - 8260C_D
 Last Update: 08-Oct-2025 13:51:22 Calib Date: 11-Aug-2025 21:01:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:54:32

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	1.592	1.598	-0.006	99	216570	20.0	17.6	M
5 Chloromethane	50	1.744	1.750	-0.006	99	200167	20.0	17.1	
7 Butadiene	39	1.823	1.829	-0.006	95	314312	20.0	31.2	
6 Vinyl chloride	62	1.854	1.860	-0.006	97	178591	20.0	17.3	
10 Bromomethane	94	2.128	2.134	-0.006	92	129196	20.0	19.0	
11 Chloroethane	64	2.171	2.177	-0.006	98	92253	20.0	18.6	
12 Dichlorofluoromethane	67	2.372	2.384	-0.012	97	282305	20.0	18.0	
14 Trichlorofluoromethane	101	2.445	2.427	0.018	54	195734	20.0	15.2	
13 Pentane	43	2.427	2.445	-0.018	95	177246	20.0	21.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.707	2.713	-0.006	91	154481	20.0	20.0	
18 Acrolein	56	2.756	2.762	-0.006	98	273442	146.3	146.0	
19 1,1-Dichloroethene	96	2.884	2.884	0.000	49	114191	20.0	22.4	
20 Acetone	58	2.896	2.902	-0.006	98	262751	250.0	309.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	2.914	2.921	-0.007	91	125082	20.0	21.4	
23 Isopropyl alcohol	45	3.030	3.055	-0.025	40	81618	150.0	108.9	
22 Iodomethane	142	3.061	3.061	0.000	99	225164	20.0	20.1	
24 Carbon disulfide	76	3.128	3.128	0.000	99	348926	20.0	19.3	M
26 Methyl acetate	43	3.238	3.256	-0.018	98	157302	20.0	20.8	M
28 3-Chloro-1-propene	41	3.262	3.268	-0.006	87	180211	20.0	20.3	
29 Methylene Chloride	84	3.445	3.445	0.000	95	127896	20.0	20.9	
* 30 t-Butyl alcohol-d10 (IS)	65	3.445	3.469	-0.024	90	375281	250.0	250.0	
31 2-Methyl-2-propanol	59	3.585	3.555	0.030	95	204059	200.0	142.3	
32 Acrylonitrile	53	3.695	3.713	-0.018	97	351922	100.0	97.6	
33 trans-1,2-Dichloroethene	96	3.756	3.774	-0.018	97	117923	20.0	20.9	
34 Methyl tert-butyl ether	73	3.774	3.786	-0.012	91	351187	20.0	19.4	
35 Hexane	57	4.146	4.158	-0.012	94	137764	20.0	21.1	
37 1,1-Dichloroethane	63	4.390	4.396	-0.006	96	212301	20.0	20.6	
38 Isopropyl ether	45	4.451	4.463	-0.012	99	326707	20.0	18.5	
40 2-Chloro-1,3-butadiene	53	4.500	4.512	-0.012	94	181655	20.0	20.4	
41 Tert-butyl ethyl ether	59	5.024	5.030	-0.006	98	303471	20.0	17.7	
42 2-Butanone (MEK)	43	5.237	5.249	-0.012	99	1311600	250.0	234.8	
43 cis-1,2-Dichloroethene	96	5.255	5.268	-0.013	83	130952	20.0	20.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 2,2-Dichloropropane	77	5.274	5.280	-0.006	92	190739	20.0	21.2	
46 Propionitrile	54	5.329	5.341	-0.012	97	230168	150.0	153.3	
48 Methacrylonitrile	67	5.560	5.566	-0.006	94	527019	150.0	150.0	
49 Chlorobromomethane	128	5.597	5.609	-0.012	85	67053	20.0	21.0	
50 Tetrahydrofuran	71	5.615	5.609	0.006	88	138621	100.0	102.6	
51 Chloroform	83	5.768	5.774	-0.006	94	226478	20.0	21.3	
52 1,1,1-Trichloroethane	97	5.981	5.993	-0.012	61	206943	20.0	22.4	
\$ 53 Dibromofluoromethane (Surr)	113	5.987	5.993	-0.006	93	328192	50.0	52.4	
54 Cyclohexane	56	6.072	6.078	-0.006	95	181663	20.0	19.2	
56 Carbon tetrachloride	117	6.200	6.200	0.000	82	186790	20.0	23.0	
57 1,1-Dichloropropene	75	6.207	6.213	-0.006	92	161857	20.0	20.4	
58 Isobutyl alcohol	41	6.438	6.432	0.006	91	231606	500.0	452.3	
\$ 59 1,2-Dichloroethane-d4 (Surr)	102	6.450	6.456	-0.006	81	69507	50.0	51.1	
60 Benzene	78	6.475	6.481	-0.006	96	458412	20.0	19.4	
61 1,2-Dichloroethane	62	6.566	6.566	0.000	98	184141	20.0	21.2	
63 Tert-amyl methyl ether	73	6.694	6.694	0.000	96	301367	20.0	17.7	
* 64 Fluorobenzene (IS)	96	6.902	6.908	-0.006	98	1166926	50.0	50.0	
65 n-Heptane	43	6.932	6.932	0.000	92	135708	20.0	22.0	
66 n-Butanol	56	7.328	7.334	-0.006	93	234932	1000.0	716.1	
67 Trichloroethene	95	7.395	7.401	-0.006	96	122191	20.0	20.1	
69 Methylcyclohexane	83	7.700	7.706	-0.006	90	194494	20.0	20.7	
70 1,2-Dichloropropane	63	7.737	7.749	-0.012	95	111069	20.0	18.8	
71 2-ethoxy-2-methyl butane	87	7.767	7.773	-0.006	90	150122	20.0	18.7	
73 1,4-Dioxane	88	7.840	7.834	0.006	51	40854	500.0	459.6	
74 Dibromomethane	93	7.846	7.853	-0.007	93	79938	20.0	19.8	
75 Methyl methacrylate	69	7.859	7.859	0.000	90	86642	20.0	17.1	
77 Dichlorobromomethane	83	8.103	8.109	-0.007	98	156546	20.0	20.0	
78 2-Nitropropane	41	8.401	8.401	0.000	97	47529	20.0	17.5	
80 2-Chloroethyl vinyl ether	63	8.499	8.499	0.000	94	64231	20.0	15.0	
81 cis-1,3-Dichloropropene	75	8.676	8.682	-0.006	93	160740	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	8.889	8.889	0.000	98	2444456	250.0	228.9	
\$ 84 Toluene-d8 (Surr)	98	9.017	9.017	0.000	94	1114600	50.0	53.0	
86 Toluene	92	9.102	9.108	-0.006	97	274832	20.0	20.2	
87 trans-1,3-Dichloropropene	75	9.413	9.413	0.000	96	149744	20.0	18.8	
88 Ethyl methacrylate	69	9.499	9.499	0.000	90	137111	20.0	17.2	
89 1,1,2-Trichloroethane	97	9.633	9.639	-0.006	92	97077	20.0	19.6	
90 Tetrachloroethene	166	9.712	9.712	0.000	98	142586	20.0	23.8	
91 1,3-Dichloropropane	76	9.809	9.809	0.000	95	149481	20.0	19.5	
93 2-Hexanone	43	9.883	9.883	0.000	98	1704327	250.0	240.8	
102 Chlorodibromomethane	129	10.035	10.035	0.000	89	118733	20.0	20.2	
104 Ethylene Dibromide	107	10.145	10.151	-0.006	98	99276	20.0	18.8	
* 112 Chlorobenzene-d5 (IS)	117	10.614	10.614	0.000	86	795291	50.0	50.0	
115 1-Chlorohexane	91	10.639	10.639	0.000	89	138100	20.0	21.8	
114 Chlorobenzene	112	10.645	10.645	0.000	95	308284	20.0	20.6	
133 1,1,1,2-Tetrachloroethane	131	10.736	10.736	0.000	94	127487	20.0	21.9	
134 Ethylbenzene	91	10.742	10.742	0.000	99	525720	20.0	20.0	
135 m-Xylene & p-Xylene	106	10.864	10.864	0.000	99	421521	40.0	41.9	
138 o-Xylene	106	11.212	11.212	0.000	97	213637	20.0	20.8	
139 Styrene	104	11.230	11.230	0.000	95	322074	20.0	19.3	
141 Bromoform	173	11.382	11.382	0.000	98	91030	20.0	19.6	
142 Isopropylbenzene	105	11.529	11.529	0.000	96	574981	20.0	21.0	
\$ 145 4-Bromofluorobenzene (Surr)	95	11.675	11.675	0.000	95	382393	50.0	49.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
147 Bromobenzene	156	11.791	11.785	0.006	97	140402	20.0	18.8	
148 1,1,2,2-Tetrachloroethane	83	11.791	11.791	0.000	95	172364	20.0	17.2	
149 trans-1,4-Dichloro-2-butene	53	11.815	11.815	0.000	92	137401	100.0	46.6	
150 1,2,3-Trichloropropane	110	11.833	11.833	0.000	85	50719	20.0	17.7	
151 N-Propylbenzene	91	11.870	11.870	0.000	99	661502	20.0	19.6	
152 2-Chlorotoluene	126	11.943	11.943	0.000	96	137156	20.0	20.1	
153 1,3,5-Trimethylbenzene	105	12.016	12.016	0.000	94	482428	20.0	20.1	
154 4-Chlorotoluene	126	12.041	12.041	0.000	98	129659	20.0	19.6	
156 tert-Butylbenzene	134	12.260	12.260	0.000	94	91441	20.0	21.9	
158 1,2,4-Trimethylbenzene	105	12.303	12.303	0.000	98	487139	20.0	20.5	
160 sec-Butylbenzene	105	12.431	12.431	0.000	95	608768	20.0	21.9	
161 1,3-Dichlorobenzene	146	12.522	12.522	0.000	99	272119	20.0	21.1	
162 4-Isopropyltoluene	119	12.547	12.547	0.000	97	527513	20.0	21.4	
* 165 1,4-Dichlorobenzene-d4	152	12.583	12.583	0.000	94	496502	50.0	50.0	
166 1,4-Dichlorobenzene	146	12.602	12.602	0.000	96	273291	20.0	20.7	
167 1,2,3-Trimethylbenzene	105	12.614	12.614	0.000	98	514337	20.0	20.6	
168 Benzyl chloride	91	12.681	12.681	0.000	99	334255	20.0	17.9	
169 1,3-Diethylbenzene	119	12.748	12.748	0.000	95	305343	20.0	23.0	
170 p-Diethylbenzene	119	12.821	12.821	0.000	93	324138	20.0	22.7	
171 n-Butylbenzene	92	12.845	12.839	0.006	98	256725	20.0	22.8	
172 1,2-Dichlorobenzene	146	12.864	12.864	0.000	98	282270	20.0	21.3	
173 o-diethylbenzene	119	12.894	12.894	0.000	95	265411	20.0	23.1	
175 1,2-Dibromo-3-Chloropropane	75	13.419	13.419	0.000	85	47973	20.0	17.3	
177 1,3,5-Trichlorobenzene	180	13.547	13.547	0.000	97	213679	20.0	24.8	
178 1,2,4-Trichlorobenzene	180	13.979	13.979	0.000	93	187639	20.0	21.9	
180 Hexachlorobutadiene	225	14.071	14.065	0.006	95	84379	20.0	22.6	
181 Naphthalene	128	14.162	14.162	0.000	97	624326	20.0	18.9	
182 1,2,3-Trichlorobenzene	180	14.309	14.303	0.007	95	181384	20.0	21.8	
183 2-Methylnaphthalene	142	14.900	14.900	0.000	92	311105	20.0	21.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_2CEVE_00251

Amount Added: 50.00

Units: uL

MSV_LCS_ACROL_00248

Amount Added: 50.00

Units: uL

MSV_LCS_Gases_00271

Amount Added: 50.00

Units: uL

MSV_LCS_VOC#1_00243

Amount Added: 50.00

Units: uL

MSV_Cent_ISSS_00043

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 08-Oct-2025 13:54:33

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X55.D

Injection Date: 07-Oct-2025 23:28:30

Instrument ID: 26285

Operator ID: KEL87800

Lims ID: LCSD

Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

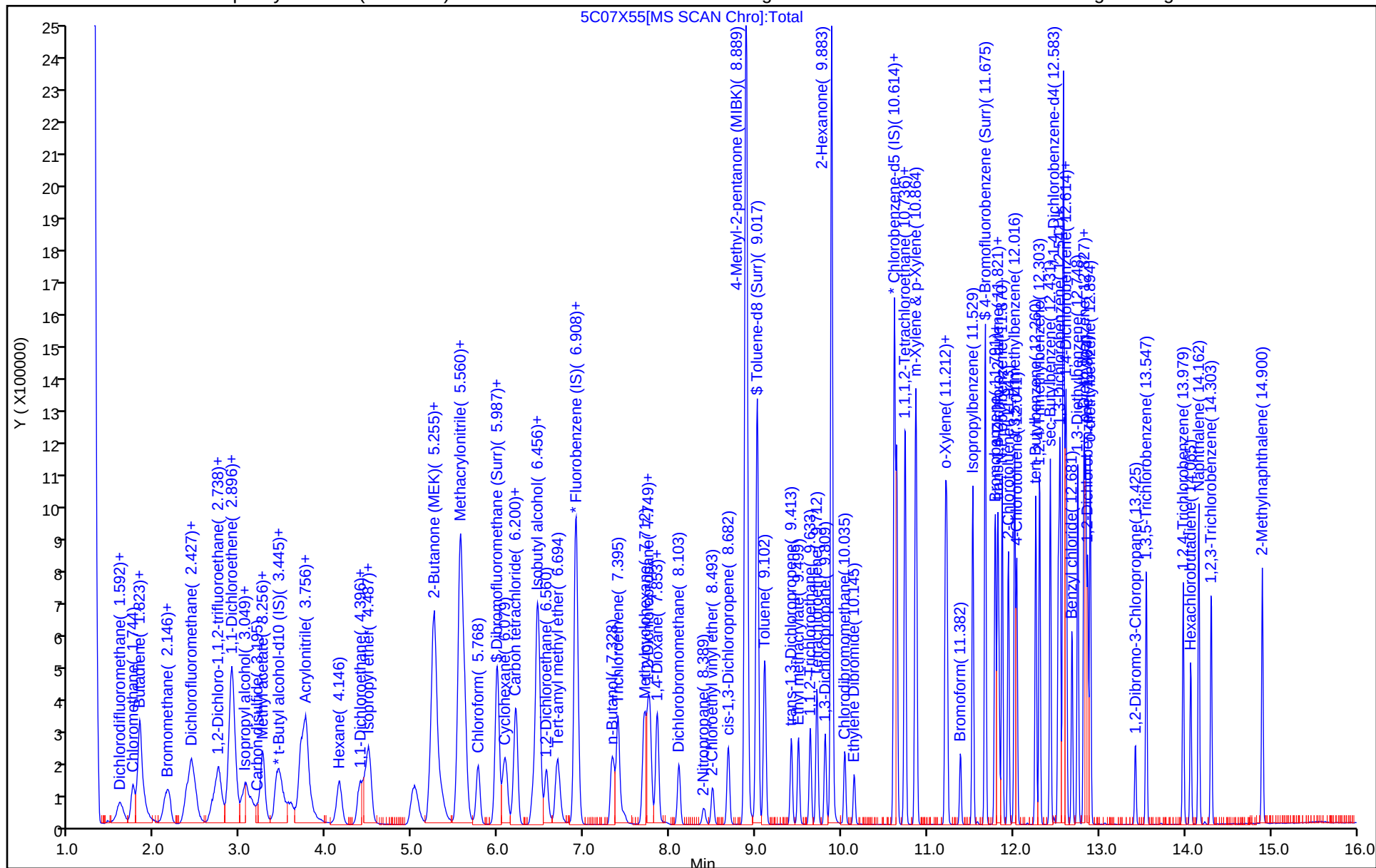
ALS Bottle#: 5

Method: MSVoa_26285a

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X55.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Oct-2025 23:28:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162333-006
Operator ID: KEL87800 Instrument ID: 26285
Method: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\MSVoa_26285a.m
Limit Group: MSV - 8260C_D
Last Update: 08-Oct-2025 13:51:22 Calib Date: 11-Aug-2025 21:01:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\26285\20250811-156173.b\5G11X17.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1726

First Level Reviewer: FQ4L

Date: 08-Oct-2025 13:54:32

Compound	Amount Added	Amount Recovered	% Rec.
\$ 53 Dibromofluoromethane (Surr)	50.0	52.4	104.84
\$ 59 1,2-Dichloroethane-d4 (Surr)	50.0	51.1	102.17
\$ 84 Toluene-d8 (Surr)	50.0	53.0	105.98
\$ 145 4-Bromofluorobenzene (Surr)	50.0	49.6	99.19

Eurofins Lancaster Laboratories Environment Testing, LLC

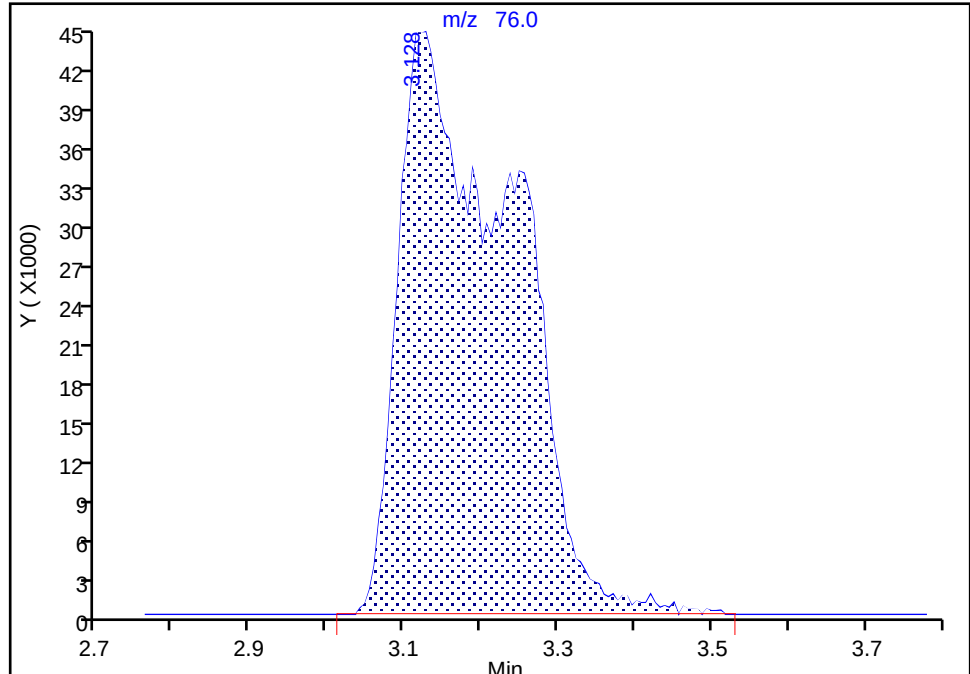
Data File: \\chromfs\Lancaster\ChromData\26285\20251007-162333.b\5C07X55.D
Injection Date: 07-Oct-2025 23:28:30 Instrument ID: 26285
Lims ID: LCSD
Client ID:
Operator ID: KEL87800 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_26285a Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

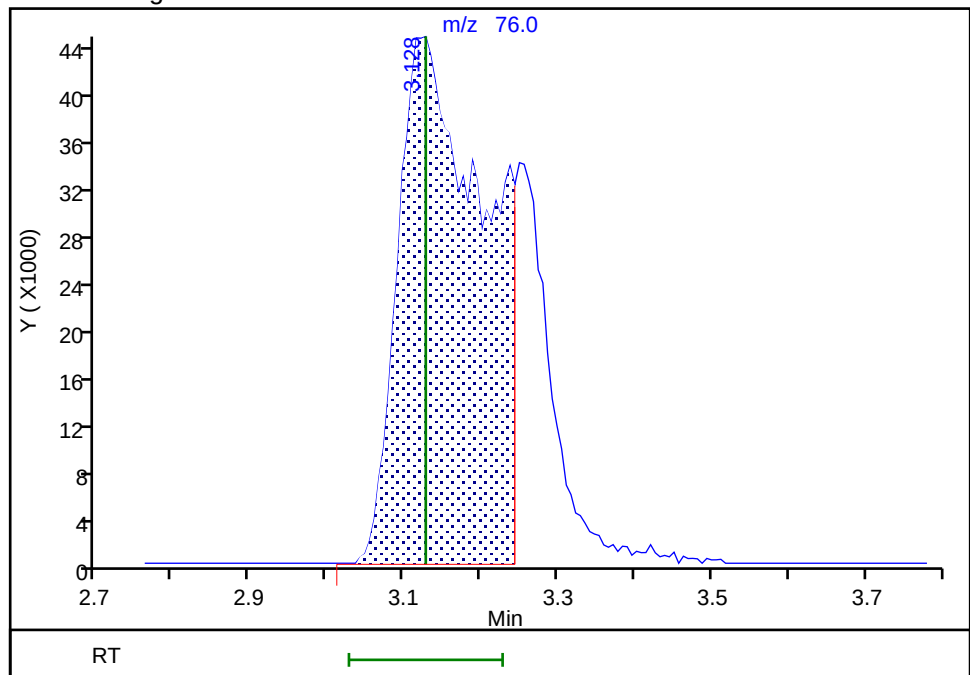
RT: 3.13
Area: 451861
Amount: 25.027005
Amount Units: ug/l

Processing Integration Results



RT: 3.13
Area: 348926
Amount: 19.325795
Amount Units: ug/l

Manual Integration Results



Reviewer: S8BP, 08-Oct-2025 00:00:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak

Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-711283/5

Matrix: Water

Lab File ID: NC09X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 09:57

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	19.6		1.0	0.30
71-55-6	1,1,1-Trichloroethane	17.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	24.6		1.0	0.30
79-00-5	1,1,2-Trichloroethane	21.6		1.0	0.30
75-34-3	1,1-Dichloroethane	20.8		1.0	0.30
75-35-4	1,1-Dichloroethene	19.8		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.9		1.0	0.20
107-06-2	1,2-Dichloroethane	18.4		1.0	0.30
78-87-5	1,2-Dichloropropane	22.3		1.0	0.30
78-93-3	2-Butanone (MEK)	259		10	1.0
591-78-6	2-Hexanone	281		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	256		10	0.50
67-64-1	Acetone	237		20	0.70
71-43-2	Benzene	21.2		1.0	0.30
74-97-5	Bromochloromethane	17.7		5.0	0.20
75-27-4	Bromodichloromethane	18.8		1.0	0.20
75-25-2	Bromoform	17.1		4.0	1.0
74-83-9	Bromomethane	20.1		1.0	0.30
75-15-0	Carbon disulfide	21.4		5.0	0.30
56-23-5	Carbon tetrachloride	16.6		1.0	0.30
108-90-7	Chlorobenzene	20.0		1.0	0.30
75-00-3	Chloroethane	21.6		1.0	0.30
67-66-3	Chloroform	18.6		1.0	0.30
74-87-3	Chloromethane	23.7		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.8		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.20
124-48-1	Dibromochloromethane	18.6		1.0	0.20
100-41-4	Ethylbenzene	21.3		1.0	0.40
1634-04-4	Methyl tert-butyl ether	20.0		1.0	0.20
75-09-2	Methylene Chloride	20.2		1.0	0.30
100-42-5	Styrene	20.2		5.0	0.30
127-18-4	Tetrachloroethene	16.8		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-711283/5

Matrix: Water

Lab File ID: NC09X04.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 09:57

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711283

Units: ug/L

Preparation Batch No.:

Instrument ID: 7159

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	21.2		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.3		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	21.7		1.0	0.20
79-01-6	Trichloroethene	18.4		1.0	0.30
75-01-4	Vinyl chloride	23.3		1.0	0.30
1330-20-7	Xylenes, Total	62.2		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	95		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	91		80-120
2037-26-5	Toluene-d8 (Surr)	109		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X04.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 09-Oct-2025 09:57:49 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info: 410-0162536-005
 Operator ID: clm27445 Instrument ID: 7159
 Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
 Limit Group: MSV - 8260C_D
 Last Update: 09-Oct-2025 11:40:06 Calib Date: 22-Sep-2025 22:59:14
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1695

First Level Reviewer: TQ4J

Date: 09-Oct-2025 10:55:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
2 Dichlorodifluoromethane	85	2.019	2.025	-0.006	99	355500	20.0	16.7	
4 Chloromethane	50	2.228	2.228	0.000	99	361659	20.0	23.7	
5 Butadiene	39	2.331	2.347	-0.016	91	233583	20.0	23.7	
6 Vinyl chloride	62	2.357	2.357	0.000	98	358629	20.0	23.3	
8 Bromomethane	94	2.697	2.707	-0.010	90	240920	20.0	20.1	
9 Chloroethane	64	2.791	2.800	-0.009	100	152960	20.0	21.6	
10 Dichlorofluoromethane	67	3.057	3.064	-0.007	97	410660	20.0	20.4	
11 Trichlorofluoromethane	101	3.135	3.138	-0.003	94	269402	20.0	13.1	
12 Pentane	43	3.170	3.173	-0.003	98	200642	20.0	21.0	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.495	3.501	-0.006	88	193808	20.0	21.1	
16 Acrolein	56	3.598	3.598	0.000	99	260421	146.3	140.3	
17 1,1-Dichloroethene	96	3.739	3.746	-0.007	96	140519	20.0	19.8	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.787	3.791	-0.004	86	184651	20.0	18.0	
19 Acetone	58	3.787	3.800	-0.013	99	222595	250.0	237.1	
20 Iodomethane	142	3.955	3.948	0.007	98	262984	20.0	15.5	
21 Isopropyl alcohol	45	3.980	3.984	-0.004	53	94481	150.0	80.2	
22 Carbon disulfide	76	4.051	4.061	-0.010	98	507129	20.0	21.4	
24 Methyl acetate	43	4.250	4.247	0.003	94	98087	20.0	18.4	
25 3-Chloro-1-propene	41	4.270	4.270	0.000	94	187284	20.0	22.7	a
26 Methylene Chloride	84	4.475	4.469	0.006	87	156094	20.0	20.2	a
* 27 t-Butyl alcohol-d10 (IS)	65	4.498	4.501	-0.003	92	407619	250.0	250.0	
28 2-Methyl-2-propanol	59	4.643	4.639	0.004	99	307495	200.0	178.6	
29 Acrylonitrile	53	4.842	4.848	-0.006	100	328349	100.0	110.0	
32 Methyl tert-butyl ether	73	4.900	4.897	0.003	88	484511	20.0	20.0	
31 trans-1,2-Dichloroethene	96	4.903	4.900	0.003	97	160367	20.0	20.3	M
33 Hexane	57	5.340	5.340	0.000	91	191135	20.0	21.4	
35 1,1-Dichloroethane	63	5.582	5.582	0.000	95	248558	20.0	20.8	
36 Isopropyl ether	45	5.643	5.643	0.000	95	445024	20.0	23.1	
37 2-Chloro-1,3-butadiene	53	5.691	5.691	0.000	90	191390	20.0	19.2	
39 Tert-butyl ethyl ether	59	6.173	6.176	-0.003	97	451572	20.0	21.1	M
40 2-Butanone (MEK)	43	6.385	6.392	-0.007	99	993305	250.0	259.4	
41 cis-1,2-Dichloroethene	96	6.418	6.411	0.007	78	179379	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 2,2-Dichloropropane	77	6.434	6.434	0.000	87	269700	20.0	20.1	a
44 Propionitrile	54	6.479	6.485	-0.006	98	210957	150.0	141.8	
46 Methacrylonitrile	67	6.697	6.694	0.003	89	531802	150.0	163.5	
47 Chlorobromomethane	128	6.749	6.742	0.007	92	87742	20.0	17.7	
48 Tetrahydrofuran	71	6.755	6.755	0.000	81	128872	100.0	93.3	
49 Chloroform	83	6.897	6.890	0.007	92	275284	20.0	18.6	
\$ 50 Dibromofluoromethane (Surr)	113	7.109	7.106	0.003	93	330478	50.0	45.3	
51 1,1,1-Trichloroethane	97	7.122	7.115	0.007	97	271751	20.0	17.9	
52 Cyclohexane	56	7.215	7.212	0.003	89	276840	20.0	21.4	
53 Carbon tetrachloride	117	7.324	7.324	0.000	92	235309	20.0	16.6	
54 1,1-Dichloropropene	75	7.331	7.328	0.003	97	196479	20.0	20.0	
55 Isobutyl alcohol	41	7.479	7.479	0.000	95	216908	500.0	456.3	
\$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.562	7.565	-0.003	98	77739	50.0	47.3	
57 Benzene	78	7.594	7.591	0.003	96	619401	20.0	21.2	
59 1,2-Dichloroethane	62	7.668	7.665	0.003	98	174940	20.0	18.4	
60 Tert-amyl methyl ether	73	7.784	7.781	0.003	99	458444	20.0	21.2	Ma
* 62 Fluorobenzene (IS)	96	7.993	7.993	0.000	98	1282757	50.0	50.0	
63 n-Heptane	43	7.996	7.993	0.003	45	169217	20.0	22.6	
64 n-Butanol	56	8.350	8.347	0.003	86	350077	1000.0	963.5	
65 Trichloroethene	95	8.463	8.463	-0.001	99	158774	20.0	18.4	
67 Methylcyclohexane	83	8.765	8.762	0.003	88	299854	20.0	19.3	
69 1,2-Dichloropropane	63	8.800	8.797	0.003	74	153719	20.0	22.3	
68 2-ethoxy-2-methyl butane	87	8.800	8.800	0.000	93	234298	20.0	20.0	
70 Methyl methacrylate	69	8.877	8.874	0.003	88	105790	20.0	19.7	
71 1,4-Dioxane	88	8.880	8.884	-0.004	47	55478	500.0	441.6	M
72 Dibromomethane	93	8.906	8.903	0.003	97	96379	20.0	18.9	
74 Dichlorobromomethane	83	9.135	9.135	-0.001	99	191385	20.0	18.8	
75 2-Nitropropane	41	9.408	9.405	0.003	98	36458	20.0	15.4	
76 2-Chloroethyl vinyl ether	63	9.485	9.479	0.006	92	80189	20.0	18.3	
77 cis-1,3-Dichloropropene	75	9.655	9.652	0.003	98	206384	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.826	9.823	0.003	94	2206084	250.0	256.3	
\$ 79 Toluene-d8 (Surr)	98	9.948	9.948	0.000	93	1223391	50.0	54.5	
118 Toluene	92	10.022	10.022	0.000	98	367858	20.0	21.2	
120 trans-1,3-Dichloropropene	75	10.266	10.263	0.003	90	190211	20.0	21.7	
121 Ethyl methacrylate	69	10.324	10.321	0.003	86	185423	20.0	22.5	
122 1,1,2-Trichloroethane	97	10.466	10.466	0.000	90	132328	20.0	21.6	
123 Tetrachloroethene	166	10.543	10.543	0.000	96	164001	20.0	16.8	
124 1,3-Dichloropropane	76	10.623	10.620	0.003	85	205000	20.0	22.4	
126 2-Hexanone	43	10.671	10.671	0.000	95	1443039	250.0	280.5	
128 Chlorodibromomethane	129	10.829	10.826	0.003	89	148064	20.0	18.6	
129 Ethylene Dibromide	107	10.942	10.935	0.007	98	130746	20.0	19.9	
* 131 Chlorobenzene-d5 (IS)	117	11.356	11.353	0.003	84	913870	50.0	50.0	
132 1-Chlorohexane	91	11.360	11.356	0.004	95	204493	20.0	20.8	
133 Chlorobenzene	112	11.379	11.379	0.000	96	411076	20.0	20.0	
134 1,1,1,2-Tetrachloroethane	131	11.459	11.456	0.003	97	178274	20.0	19.6	
135 Ethylbenzene	91	11.462	11.459	0.003	98	734171	20.0	21.3	
136 m-Xylene & p-Xylene	106	11.572	11.569	0.003	100	569702	40.0	41.7	
138 o-Xylene	106	11.897	11.897	-0.001	96	292712	20.0	20.5	
139 Styrene	104	11.913	11.909	0.004	94	438767	20.0	20.2	
140 Bromoform	173	12.064	12.067	-0.003	96	101693	20.0	17.1	
141 Isopropylbenzene	105	12.186	12.186	0.000	95	834487	20.0	21.2	
\$ 144 4-Bromofluorobenzene (Surr)	95	12.331	12.327	0.004	90	437632	50.0	51.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
145 1,1,2,2-Tetrachloroethane	83	12.427	12.427	0.000	94	219864	20.0	24.6	
146 Bromobenzene	156	12.446	12.446	0.000	89	175151	20.0	18.7	
147 trans-1,4-Dichloro-2-butene	53	12.453	12.453	0.000	90	240145	100.0	107.2	
148 1,2,3-Trichloropropane	110	12.475	12.472	0.003	68	63874	20.0	20.9	a
149 N-Propylbenzene	91	12.511	12.511	0.000	99	959267	20.0	24.3	
150 2-Chlorotoluene	126	12.585	12.588	-0.003	97	186200	20.0	20.7	
151 1,3,5-Trimethylbenzene	105	12.642	12.639	0.003	94	693118	20.0	22.3	
152 4-Chlorotoluene	126	12.681	12.678	0.003	97	175418	20.0	20.4	
154 tert-Butylbenzene	134	12.884	12.880	0.004	93	138896	20.0	20.2	
155 1,2,4-Trimethylbenzene	105	12.922	12.922	0.000	97	692638	20.0	21.9	
157 sec-Butylbenzene	105	13.044	13.041	0.003	94	930620	20.0	23.7	
158 1,3-Dichlorobenzene	146	13.141	13.141	0.000	98	351259	20.0	20.0	
159 4-Isopropyltoluene	119	13.147	13.147	0.000	97	744786	20.0	21.0	
* 160 1,4-Dichlorobenzene-d4	152	13.196	13.196	0.000	94	509737	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.215	13.212	0.003	96	353146	20.0	20.1	
162 1,2,3-Trimethylbenzene	105	13.224	13.224	0.000	98	736834	20.0	22.9	
163 Benzyl chloride	91	13.292	13.292	0.000	98	436997	20.0	27.4	
164 1,3-Diethylbenzene	119	13.343	13.343	0.000	95	444233	20.0	22.9	
165 p-Diethylbenzene	119	13.414	13.414	0.000	94	453802	20.0	22.3	
166 n-Butylbenzene	92	13.437	13.433	0.004	98	380983	20.0	25.1	
167 1,2-Dichlorobenzene	146	13.472	13.472	0.000	98	350764	20.0	20.0	
168 o-diethylbenzene	119	13.488	13.488	0.000	95	387690	20.0	22.2	
170 1,2-Dibromo-3-Chloropropane	75	14.006	14.006	0.000	88	49136	20.0	20.4	
171 1,3,5-Trichlorobenzene	180	14.131	14.128	0.003	97	268899	20.0	18.6	
172 1,2,4-Trichlorobenzene	180	14.552	14.549	0.003	94	246691	20.0	18.3	
174 Hexachlorobutadiene	225	14.633	14.633	0.000	97	91111	20.0	16.3	
175 Naphthalene	128	14.739	14.736	0.003	97	825092	20.0	20.6	
176 1,2,3-Trichlorobenzene	180	14.880	14.877	0.003	95	241493	20.0	17.5	
177 2-Methylnaphthalene	142	15.523	15.523	0.000	92	490187	20.0	20.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_ACROL_00248

Amount Added: 50.00

Units: uL

MSV_LCS_Gases_00271

Amount Added: 50.00

Units: uL

MSV_LCS_2CEVE_00251

Amount Added: 50.00

Units: uL

MSV_LCS_VOC#1_00243

Amount Added: 50.00

Units: uL

MSV_Cent_ISSS_00045

Amount Added: 5.00

Units: uL

Run Reagent

Report Date: 09-Oct-2025 11:56:04

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X04.D

Injection Date: 09-Oct-2025 09:57:49

Instrument ID: 7159

Operator ID: clm27445

Lims ID: LCSD

Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL

Dil. Factor: 1.0000

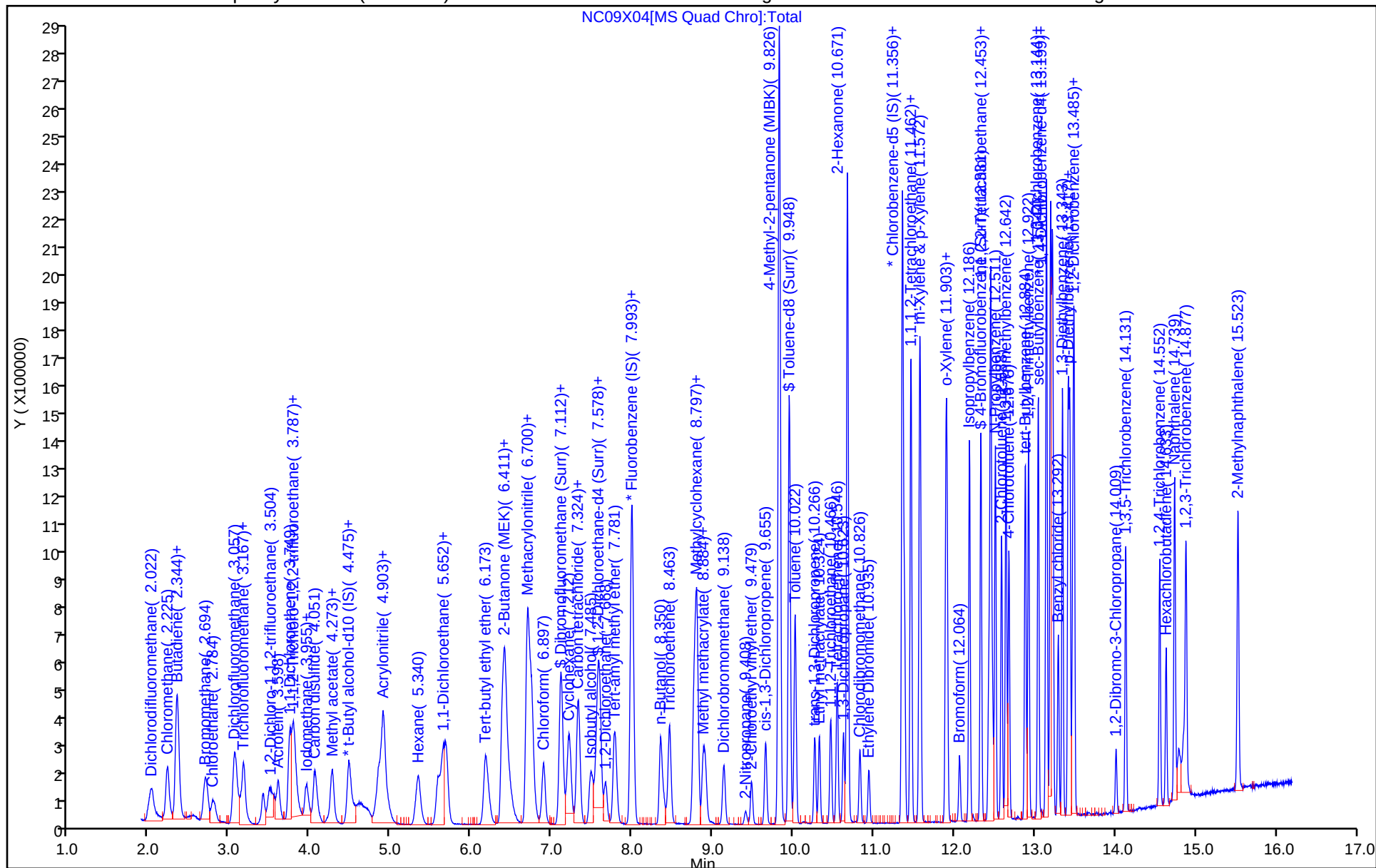
ALS Bottle#: 4

Method: MSVoa_7159

Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X04.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Oct-2025 09:57:49 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0162536-005
Operator ID: clm27445 Instrument ID: 7159
Method: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\MSVoa_7159.m
Limit Group: MSV - 8260C_D
Last Update: 09-Oct-2025 11:40:06 Calib Date: 22-Sep-2025 22:59:14
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\7159\20250922-160533.b\NS22X23.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1695

First Level Reviewer: TQ4J

Date: 09-Oct-2025 10:55:28

Compound	Amount Added	Amount Recovered	% Rec.
\$ 50 Dibromofluoromethane (Surr)	50.0	45.3	90.64
\$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	47.3	94.61
\$ 79 Toluene-d8 (Surr)	50.0	54.5	108.99
\$ 144 4-Bromofluorobenzene (Surr)	50.0	51.6	103.25

Eurofins Lancaster Laboratories Environment Testing, LLC

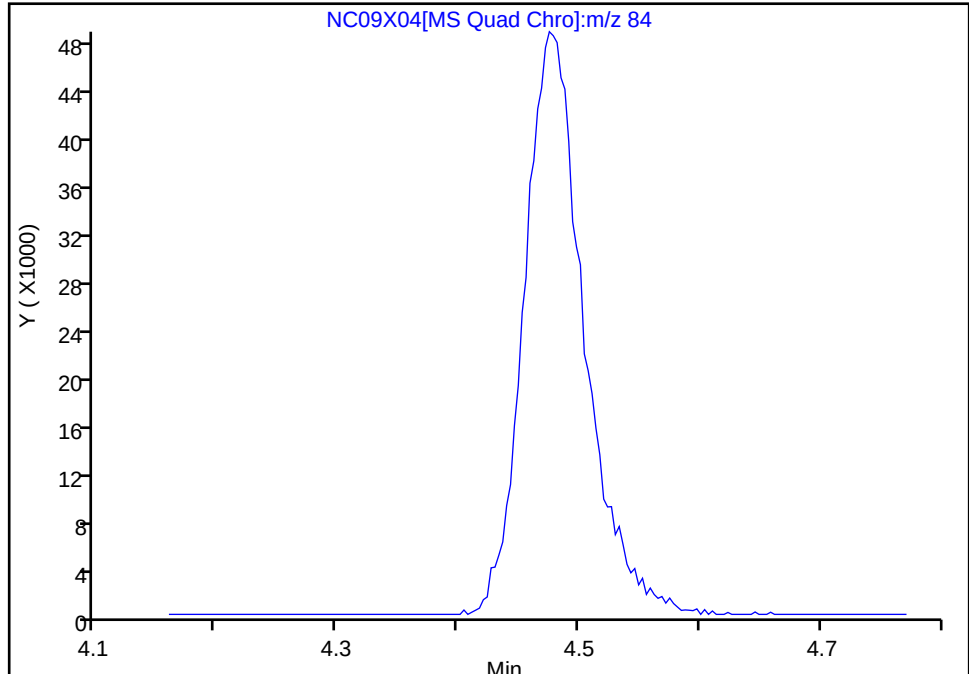
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X04.D
Injection Date: 09-Oct-2025 09:57:49 Instrument ID: 7159
Lims ID: LCSD
Client ID:
Operator ID: clm27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

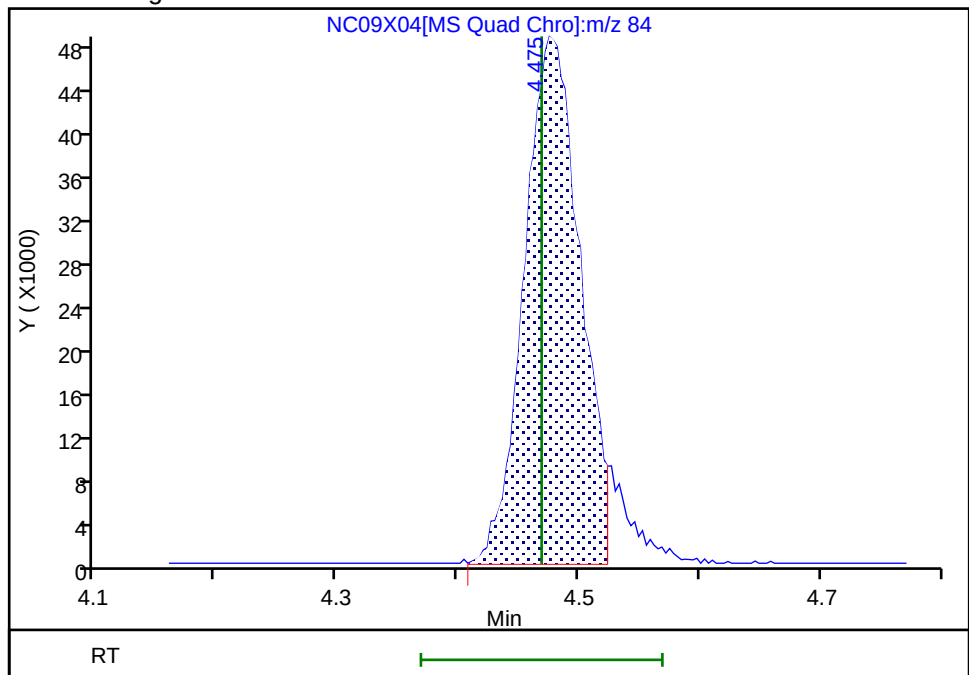
Not Detected
Expected RT: 4.47

Processing Integration Results



RT: 4.48
Area: 156094
Amount: 20.162670
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:54:06 -04:00:00 (UTC)

Audit Action: Assigned Compound ID

Audit Reason: Peak assignment corrected

Eurofins Lancaster Laboratories Environment Testing, LLC

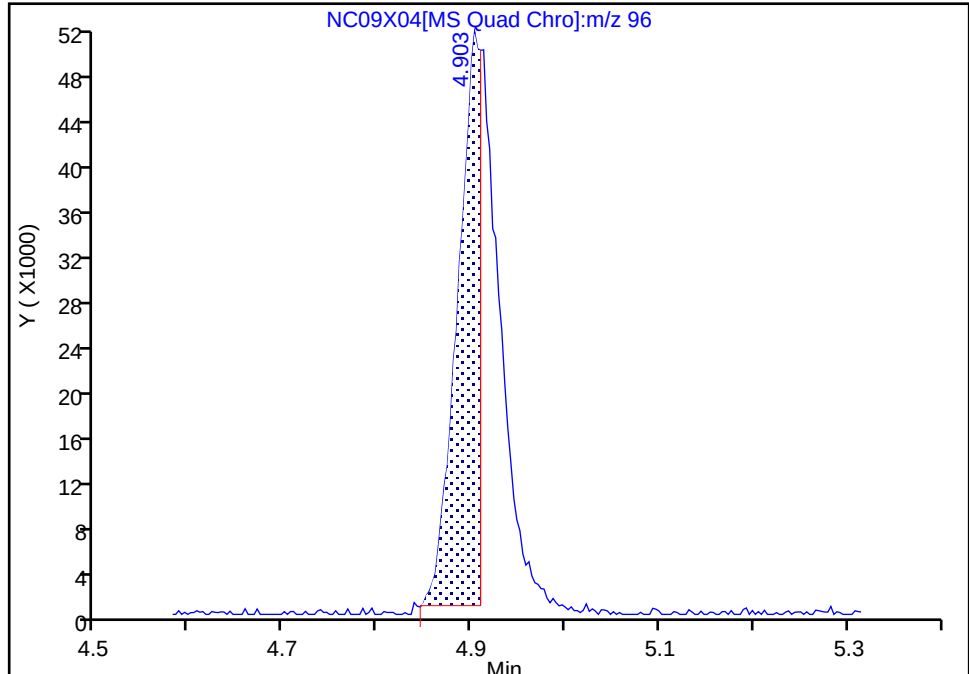
Data File: \\chromfs\Lancaster\ChromData\7159\20251009-162536.b\NC09X04.D
Injection Date: 09-Oct-2025 09:57:49 Instrument ID: 7159
Lims ID: LCSD
Client ID:
Operator ID: clm27445 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_7159 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm ID) Detector: MS Quad

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

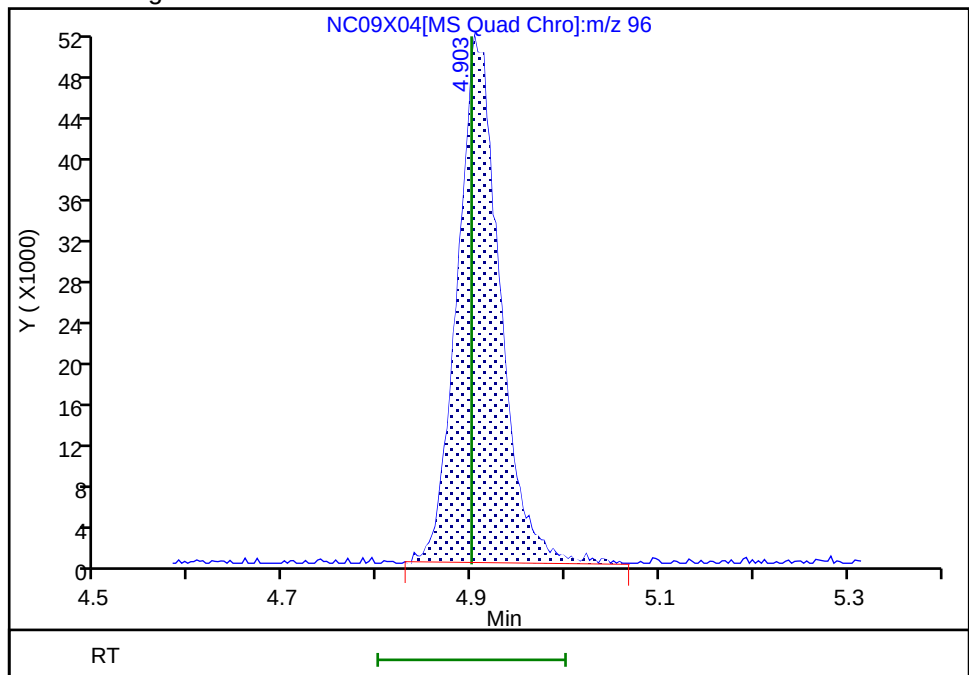
RT: 4.90
Area: 86746
Amount: 10.980616
Amount Units: ug/l

Processing Integration Results



RT: 4.90
Area: 160367
Amount: 20.299824
Amount Units: ug/l

Manual Integration Results



Reviewer: TQ4J, 09-Oct-2025 10:54:17 -04:00:00 (UTC)

Audit Action: Manually Integrated

Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No.:

Client Sample ID:

Lab Sample ID: LCSD 410-711513/5

Matrix: Water

Lab File ID: FC08X54.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 11:34

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.2		1.0	0.30
71-55-6	1,1,1-Trichloroethane	22.7		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.4		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.4		1.0	0.30
75-34-3	1,1-Dichloroethane	22.1		1.0	0.30
75-35-4	1,1-Dichloroethene	19.1		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	20.8		1.0	0.20
107-06-2	1,2-Dichloroethane	23.0		1.0	0.30
78-87-5	1,2-Dichloropropane	21.7		1.0	0.30
78-93-3	2-Butanone (MEK)	286		10	1.0
591-78-6	2-Hexanone	332		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	327		10	0.50
67-64-1	Acetone	197		20	0.70
71-43-2	Benzene	21.2		1.0	0.30
74-97-5	Bromochloromethane	20.5		5.0	0.20
75-27-4	Bromodichloromethane	20.8		1.0	0.20
75-25-2	Bromoform	18.8		4.0	1.0
74-83-9	Bromomethane	18.2		1.0	0.30
75-15-0	Carbon disulfide	22.7		5.0	0.30
56-23-5	Carbon tetrachloride	22.6		1.0	0.30
108-90-7	Chlorobenzene	20.9		1.0	0.30
75-00-3	Chloroethane	19.6		1.0	0.30
67-66-3	Chloroform	22.4		1.0	0.30
74-87-3	Chloromethane	18.8		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.6		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.20
124-48-1	Dibromochloromethane	19.7		1.0	0.20
100-41-4	Ethylbenzene	22.0		1.0	0.40
1634-04-4	Methyl tert-butyl ether	23.0		1.0	0.20
75-09-2	Methylene Chloride	22.0		1.0	0.30
100-42-5	Styrene	20.7		5.0	0.30
127-18-4	Tetrachloroethene	20.4		1.0	0.30

FORM I

GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories
Environment Testing, LLC

Job No.: 410-244152-1

SDG No. :

Client Sample ID:

Lab Sample ID: LCSD 410-711513/5

Matrix: Water

Lab File ID: FC08X54.D

Analysis Method: 8260D

Date Collected:

Sample wt/vol: 5 (mL)

Date Analyzed: 10/09/2025 11:34

Soil Aliquot Vol:

Dilution Factor: 1

Soil Extract Vol.:

GC Column: R-624SilMS 30m ID: 0.25 (mm)

Purge Volume: 5.0 (mL)

Heated Purge: (Y/N) N pH:

% Moisture: % Solids:

Level: (low/med) Low

Analysis Batch No.: 711513

Units: ug/L

Preparation Batch No.:

Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.7		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	21.9		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.1		1.0	0.20
79-01-6	Trichloroethene	21.2		1.0	0.30
75-01-4	Vinyl chloride	19.0		1.0	0.30
1330-20-7	Xylenes, Total	63.1		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	106		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	106		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X54.D
 Lims ID: LCSD
 Client ID:
 Sample Type: LCSD
 Inject. Date: 09-Oct-2025 11:34:12 ALS Bottle#: 4 Worklist Smp#: 5
 Purge Vol: 5.000 mL Dil. Factor: 1.0000
 Sample Info:
 Misc. Info.: 410-0162542-005
 Operator ID: lcp00895 Instrument ID: 15830
 Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
 Limit Group: MSV - 8260C_D
 Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
 Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
 Process Host: CTX1708

First Level Reviewer: ULCP

Date: 09-Oct-2025 16:58:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Dichlorodifluoromethane	85	1.936	1.943	-0.007	98	464897	20.0	16.6	
4 Chloromethane	50	2.126	2.136	-0.010	99	653547	20.0	18.8	
5 Vinyl chloride	62	2.242	2.251	-0.009	98	583160	20.0	19.0	
6 Butadiene	39	2.258	2.264	-0.006	97	1197863	20.0	33.2	
8 Bromomethane	94	2.576	2.592	-0.016	92	320998	20.0	18.2	
9 Chloroethane	64	2.666	2.682	-0.016	99	324397	20.0	19.6	
10 Dichlorofluoromethane	67	2.920	2.930	-0.010	97	829378	20.0	20.4	
11 Trichlorofluoromethane	101	2.972	2.984	-0.012	92	485302	20.0	15.7	
12 Pentane	43	3.004	3.017	-0.013	97	613605	20.0	21.1	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.345	3.351	-0.006	93	439335	20.0	19.8	
16 Acrolein	56	3.418	3.422	-0.004	99	1141745	146.3	107.3	
17 1,1-Dichloroethene	96	3.547	3.550	-0.003	95	314985	20.0	19.1	
18 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.586	3.595	-0.009	95	321684	20.0	19.4	
19 Acetone	58	3.605	3.608	-0.003	99	1165136	250.0	196.6	
21 Iodomethane	142	3.763	3.763	0.001	98	506192	20.0	18.7	
22 Isopropyl alcohol	45	3.801	3.808	-0.007	97	860825	150.0	150.9	
23 Carbon disulfide	76	3.862	3.865	-0.003	100	1100980	20.0	22.7	
24 Methyl acetate	43	4.023	4.029	-0.006	98	616237	20.0	28.8	
25 3-Chloro-1-propene	41	4.029	4.033	-0.004	91	620481	20.0	27.0	
26 Methylene Chloride	84	4.235	4.238	-0.003	97	366495	20.0	22.0	
* 27 t-Butyl alcohol-d10 (IS)	65	4.322	4.316	0.006	98	2610495	250.0	250.0	
28 2-Methyl-2-propanol	59	4.435	4.412	0.023	99	2005198	200.0	224.1	
31 Acrylonitrile	53	4.599	4.598	0.000	98	1525478	100.0	120.6	
32 trans-1,2-Dichloroethene	96	4.637	4.637	0.000	98	325194	20.0	21.9	
33 Methyl tert-butyl ether	73	4.656	4.656	0.000	97	861705	20.0	23.0	
34 Hexane	57	5.058	5.071	-0.013	96	392412	20.0	26.6	
35 1,1-Dichloroethane	63	5.309	5.319	-0.010	96	588468	20.0	22.1	
36 Isopropyl ether	45	5.396	5.412	-0.016	96	863875	20.0	21.3	
37 2-Chloro-1,3-butadiene	53	5.422	5.428	-0.006	94	455746	20.0	21.8	
39 Tert-butyl ethyl ether	59	5.933	5.939	-0.006	96	659092	20.0	19.3	
41 2-Butanone (MEK)	43	6.158	6.155	0.003	100	4527666	250.0	285.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 cis-1,2-Dichloroethene	96	6.155	6.164	-0.009	57	338075	20.0	20.6	
43 2,2-Dichloropropane	77	6.177	6.190	-0.013	89	456399	20.0	22.3	
44 Propionitrile	54	6.261	6.251	0.010	99	919464	150.0	123.6	
45 Methacrylonitrile	67	6.460	6.460	0.000	94	1490211	150.0	166.1	
46 Chlorobromomethane	128	6.492	6.499	-0.007	95	159492	20.0	20.5	
47 Tetrahydrofuran	71	6.521	6.518	0.003	89	482415	100.0	84.7	
48 Chloroform	83	6.650	6.656	-0.006	94	538647	20.0	22.4	
\$ 49 Dibromofluoromethane (Surr)	113	6.865	6.865	0.000	92	701987	50.0	52.0	
50 1,1,1-Trichloroethane	97	6.872	6.881	-0.009	97	468103	20.0	22.7	
51 Cyclohexane	56	6.962	6.971	-0.009	94	485317	20.0	20.7	
53 Carbon tetrachloride	117	7.074	7.087	-0.013	93	391218	20.0	22.6	
52 1,1-Dichloropropene	75	7.081	7.087	-0.006	91	362467	20.0	20.5	
56 Isobutyl alcohol	41	7.290	7.286	0.004	94	1276198	500.0	466.0	
\$ 57 1,2-Dichloroethane-d4 (Surr)	102	7.322	7.322	0.000	99	184603	50.0	52.4	
58 Benzene	78	7.348	7.354	-0.006	96	1170258	20.0	21.2	
59 1,2-Dichloroethane	62	7.431	7.431	0.000	97	394387	20.0	23.0	
60 Tert-amyl methyl ether	73	7.560	7.560	0.000	95	675526	20.0	20.4	
* 61 Fluorobenzene (IS)	96	7.759	7.762	-0.003	99	2502875	50.0	50.0	
62 n-Heptane	43	7.772	7.775	-0.003	76	271299	20.0	21.8	
63 n-Butanol	56	8.167	8.158	0.009	93	1630518	1000.0	894.5	
64 Trichloroethene	95	8.232	8.238	-0.006	97	265119	20.0	21.2	
65 Methylcyclohexane	83	8.544	8.550	-0.006	94	388740	20.0	20.5	
66 1,2-Dichloropropane	63	8.585	8.585	0.000	94	287419	20.0	21.7	
67 2-ethoxy-2-methyl butane	87	8.592	8.592	0.000	94	336698	20.0	20.3	
68 Methyl methacrylate	69	8.676	8.676	0.000	93	207137	20.0	20.3	
70 1,4-Dioxane	88	8.676	8.676	0.000	57	264324	500.0	455.7	
69 Dibromomethane	93	8.688	8.692	-0.004	94	172957	20.0	21.3	
72 Dichlorobromomethane	83	8.930	8.926	0.004	98	305181	20.0	20.8	
73 2-Nitropropane	41	9.216	9.216	0.000	98	122605	20.0	16.4	
74 2-Chloroethyl vinyl ether	63	9.293	9.296	-0.003	92	121238	20.0	16.8	
76 cis-1,3-Dichloropropene	75	9.476	9.476	0.000	92	281476	20.0	17.7	
78 4-Methyl-2-pentanone (MIBK)	43	9.663	9.663	0.000	99	8149021	250.0	326.5	
\$ 79 Toluene-d8 (Surr)	98	9.778	9.785	-0.007	95	2523142	50.0	53.0	
80 Toluene	92	9.856	9.859	-0.003	97	634271	20.0	20.7	
105 trans-1,3-Dichloropropene	75	10.116	10.116	0.000	96	261372	20.0	19.1	
106 Ethyl methacrylate	69	10.183	10.183	0.000	91	318598	20.0	20.3	
107 1,1,2-Trichloroethane	97	10.319	10.319	0.000	92	208658	20.0	20.4	
108 Tetrachloroethene	166	10.402	10.402	0.000	95	247669	20.0	20.4	
109 1,3-Dichloropropane	76	10.483	10.486	-0.004	95	345342	20.0	20.7	
110 2-Hexanone	43	10.544	10.544	0.000	99	5897510	250.0	331.8	
111 Chlorodibromomethane	129	10.695	10.695	0.000	90	210190	20.0	19.7	
112 Ethylene Dibromide	107	10.804	10.804	0.000	98	203873	20.0	20.8	
* 113 Chlorobenzene-d5 (IS)	117	11.238	11.238	0.000	88	1679432	50.0	50.0	
114 1-Chlorohexane	91	11.248	11.248	0.000	89	277722	20.0	20.9	
115 Chlorobenzene	112	11.264	11.267	-0.003	94	668306	20.0	20.9	
117 1,1,1,2-Tetrachloroethane	131	11.347	11.347	0.000	93	258090	20.0	21.2	
118 Ethylbenzene	91	11.351	11.351	0.000	99	1209245	20.0	22.0	
119 m-Xylene & p-Xylene	106	11.466	11.466	0.000	99	923592	40.0	42.9	
120 o-Xylene	106	11.798	11.801	-0.003	97	448715	20.0	20.2	
121 Styrene	104	11.814	11.814	0.000	95	675787	20.0	20.7	
122 Bromoform	173	11.965	11.968	-0.003	94	141032	20.0	18.8	
123 Isopropylbenzene	105	12.100	12.100	0.000	97	1126178	20.0	21.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
\$ 126 4-Bromofluorobenzene (Surr)	95	12.244	12.241	0.003	85	908425	50.0	52.9	
127 1,1,2,2-Tetrachloroethane	83	12.347	12.347	0.000	94	438952	20.0	20.4	
128 Bromobenzene	156	12.360	12.360	0.000	97	260877	20.0	19.7	
129 trans-1,4-Dichloro-2-butene	53	12.373	12.373	0.000	86	277005	100.0	61.1	
130 1,2,3-Trichloropropane	110	12.392	12.392	0.000	86	138992	20.0	19.6	
131 N-Propylbenzene	91	12.431	12.431	0.000	99	1421677	20.0	22.7	
132 2-Chlorotoluene	126	12.505	12.505	0.000	95	278377	20.0	20.6	
133 1,3,5-Trimethylbenzene	105	12.566	12.566	0.000	95	924266	20.0	20.5	
134 4-Chlorotoluene	126	12.598	12.598	0.000	98	261140	20.0	20.8	
135 tert-Butylbenzene	134	12.810	12.810	0.000	94	146371	20.0	16.8	
136 1,2,4-Trimethylbenzene	105	12.852	12.852	0.000	98	926097	20.0	20.4	
137 sec-Butylbenzene	105	12.974	12.974	0.000	95	1046449	20.0	20.6	
138 1,3-Dichlorobenzene	146	13.071	13.071	0.000	97	487967	20.0	20.5	
139 4-Isopropyltoluene	119	13.080	13.080	0.000	97	878660	20.0	20.1	
* 140 1,4-Dichlorobenzene-d4	152	13.129	13.125	0.004	96	993431	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.145	13.145	0.000	95	493700	20.0	20.1	
142 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	99	1014755	20.0	22.1	
143 Benzyl chloride	91	13.225	13.225	0.000	99	667004	20.0	19.9	
144 1,3-Diethylbenzene	119	13.283	13.283	0.000	95	532608	20.0	20.9	
145 p-Diethylbenzene	119	13.357	13.357	0.000	95	562643	20.0	20.7	
146 n-Butylbenzene	92	13.376	13.376	0.000	98	480440	20.0	22.3	
147 1,2-Dichlorobenzene	146	13.408	13.408	0.000	97	517275	20.0	20.2	
148 o-diethylbenzene	119	13.431	13.428	0.003	96	465469	20.0	20.6	
149 1,2-Dibromo-3-Chloropropane	75	13.955	13.952	0.003	79	137204	20.0	19.7	
150 1,3,5-Trichlorobenzene	180	14.080	14.077	0.003	97	308046	20.0	20.3	
151 1,2,4-Trichlorobenzene	180	14.505	14.505	0.000	90	276705	20.0	19.0	
152 Hexachlorobutadiene	225	14.588	14.588	0.000	97	106961	20.0	18.1	
153 Naphthalene	128	14.691	14.691	0.000	97	1209161	20.0	19.4	
154 1,2,3-Trichlorobenzene	180	14.833	14.836	-0.003	95	314878	20.0	20.0	
155 2-Methylnaphthalene	142	15.486	15.482	0.004	92	622435	20.0	19.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_LCS_ACROL_00248	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00271	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00251	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00243	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00045	Amount Added: 5.00	Units: uL	Run Reagent

Chrom Revision: 2.3 13-Aug-2025 14:00:00

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X54.D

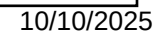
Operator ID: lcp00895

Worklist Smp#: 5

ALS Bottle#: 4

Limit Group: MSV - 8260C D

Y Scaling: Method Defined: Scale to the Nth Largest Peak: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\FC08X54.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Oct-2025 11:34:12 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0162542-005
Operator ID: lcp00895 Instrument ID: 15830
Method: \\chromfs\Lancaster\ChromData\15830\20251009-162593.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 10-Oct-2025 09:19:22 Calib Date: 07-Oct-2025 23:52:36
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20251007-162303.b\FC07X67.D
Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: ULCP

Date: 09-Oct-2025 16:58:28

Compound	Amount Added	Amount Recovered	% Rec.
\$ 49 Dibromofluoromethane (Surr)	50.0	52.0	104.09
\$ 57 1,2-Dichloroethane-d4 (Surr)	50.0	52.4	104.85
\$ 79 Toluene-d8 (Surr)	50.0	53.0	106.08
\$ 126 4-Bromofluorobenzene (Surr)	50.0	52.9	105.82

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Start Date: 08/11/2025 14:51

Analysis Batch Number: 683596

End Date: 08/11/2025 21:42

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-683596/1		08/11/2025 14:51	1	5G11T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/3		08/11/2025 15:55	1	5G11X02.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/4		08/11/2025 16:15	1	5G11X03.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/5		08/11/2025 16:35	1	5G11X04.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/6		08/11/2025 16:55	1	5G11X05.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/7		08/11/2025 17:16	1	5G11X06.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/8		08/11/2025 17:37	1	5G11X07.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-683596/10		08/11/2025 18:18	1		R-624Si1MS 30m 0.25 (mm)
IC 410-683596/12		08/11/2025 18:58	1	5G11X11.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/13		08/11/2025 19:19	1	5G11X12.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/14		08/11/2025 19:39	1	5G11X13.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/15		08/11/2025 20:00	1	5G11X14.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-683596/16		08/11/2025 20:20	1	5G11X15.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/17		08/11/2025 20:40	1	5G11X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-683596/18		08/11/2025 21:01	1	5G11X17.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-683596/20		08/11/2025 21:42	1	5G11X19.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Start Date: 09/22/2025 14:37

Analysis Batch Number: 702728

End Date: 09/22/2025 22:59

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-702728/1		09/22/2025 14:37	1	NS22T01.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/3		09/22/2025 15:13	1	NS22X03.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		09/22/2025 15:13	1		R-624Si1MS 30m 0.25 (mm)
IC 410-702728/4		09/22/2025 15:33	1	NS22X04.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/5		09/22/2025 15:53	1	NS22X05.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/6		09/22/2025 16:12	1	NS22X06.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/7		09/22/2025 16:32	1	NS22X07.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/8		09/22/2025 16:52	1	NS22X08.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-702728/10		09/22/2025 17:32	1		R-624Si1MS 30m 0.25 (mm)
IC 410-702728/14		09/22/2025 18:51	1	NS22X14.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/15		09/22/2025 19:10	1	NS22X15.D	R-624Si1MS 30m 0.25 (mm)
ICIS 410-702728/16		09/22/2025 19:30	1	NS22X16.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/17		09/22/2025 19:50	1	NS22X17.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/18		09/22/2025 20:10	1	NS22X18.D	R-624Si1MS 30m 0.25 (mm)
ICV 410-702728/20		09/22/2025 20:50	1	NS22X20.D	R-624Si1MS 30m 0.25 (mm)
IC 410-702728/12		09/22/2025 22:39	1	NS22X22.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		09/22/2025 22:39	1		R-624Si1MS 30m 0.25 (mm)
IC 410-702728/13		09/22/2025 22:59	1	NS22X23.D	R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Start Date: 10/07/2025 16:30

Analysis Batch Number: 710355

End Date: 10/07/2025 23:52

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-710355/1		10/07/2025 16:30	1	FC07T51.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/15		10/07/2025 18:13	1	FC07X55.D	R-624SilMS 30m 0.25 (mm)
ICIS 410-710355/16		10/07/2025 18:35	1	FC07X56.D	R-624SilMS 30m 0.25 (mm)
CCVIS 410-710355/1016		10/07/2025 18:35	1		R-624SilMS 30m 0.25 (mm)
IC 410-710355/17		10/07/2025 18:58	1	FC07X57.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/18		10/07/2025 19:21	1	FC07X58.D	R-624SilMS 30m 0.25 (mm)
ICV 410-710355/20		10/07/2025 20:07	1	FC07X60.D	R-624SilMS 30m 0.25 (mm)
ZZZZZ (QC)		10/07/2025 20:07	1		R-624SilMS 30m 0.25 (mm)
IC 410-710355/12		10/07/2025 23:07	1	FC07X65.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/13		10/07/2025 23:29	1	FC07X66.D	R-624SilMS 30m 0.25 (mm)
IC 410-710355/14		10/07/2025 23:52	1	FC07X67.D	R-624SilMS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 26285

Start Date: 10/07/2025 21:54

Analysis Batch Number: 710460

End Date: 10/08/2025 08:38

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-710460/1		10/07/2025 21:54	1	5C07T51.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-710460/3		10/07/2025 22:27	1	5C07X52.D	R-624Si1MS 30m 0.25 (mm)
CCV 410-710460/4		10/07/2025 22:47	1		R-624Si1MS 30m 0.25 (mm)
LCS 410-710460/5		10/07/2025 23:07	1	5C07X54.D	R-624Si1MS 30m 0.25 (mm)
LCSD 410-710460/6		10/07/2025 23:28	1	5C07X55.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/07/2025 23:48	1		R-624Si1MS 30m 0.25 (mm)
MB 410-710460/8		10/08/2025 00:09	1	5C07X57.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/08/2025 00:29	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/08/2025 00:50	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/08/2025 01:10	20		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/08/2025 01:30	20		R-624Si1MS 30m 0.25 (mm)
410-244152-18	HD-QC1-0/1-2	10/08/2025 01:50	1	5C07X62.D	R-624Si1MS 30m 0.25 (mm)
410-244152-1	HD-MW-101S-0/1-0	10/08/2025 02:11	1	5C07X63.D	R-624Si1MS 30m 0.25 (mm)
410-244152-2	HD-MW-101D-0/1-0	10/08/2025 02:31	1	5C07X64.D	R-624Si1MS 30m 0.25 (mm)
410-244152-3	HD-MW-6-0/1-0	10/08/2025 02:52	1	5C07X65.D	R-624Si1MS 30m 0.25 (mm)
410-244152-4	HD-MW-5-0/1-0	10/08/2025 03:12	1	5C07X66.D	R-624Si1MS 30m 0.25 (mm)
410-244152-5	HD-MW-88-0/1-0	10/08/2025 03:32	1	5C07X67.D	R-624Si1MS 30m 0.25 (mm)
410-244152-6	HD-QC1-0/1-3	10/08/2025 03:53	1	5C07X68.D	R-624Si1MS 30m 0.25 (mm)
410-244152-7	HD-QC1-0/1-4	10/08/2025 04:13	1	5C07X69.D	R-624Si1MS 30m 0.25 (mm)
410-244152-8	HD-MW-166-0/1-0	10/08/2025 04:33	1	5C07X70.D	R-624Si1MS 30m 0.25 (mm)
410-244152-9	HD-MW-167-0/1-0	10/08/2025 04:53	1	5C07X71.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 05:14	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 05:34	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 05:55	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 06:15	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 06:36	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 06:56	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 07:17	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 07:37	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 07:58	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 08:18	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/08/2025 08:38	1		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 7159

Start Date: 10/09/2025 08:32

Analysis Batch Number: 711283

End Date: 10/09/2025 17:51

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-711283/1		10/09/2025 08:32	1	NC09T01.D	R-624Si1MS 30m 0.25 (mm)
CCVIS 410-711283/3		10/09/2025 09:18	1	NC09X02.D	R-624Si1MS 30m 0.25 (mm)
LCS 410-711283/4		10/09/2025 09:38	1	NC09X03.D	R-624Si1MS 30m 0.25 (mm)
LCSD 410-711283/5		10/09/2025 09:57	1	NC09X04.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 10:17	1		R-624Si1MS 30m 0.25 (mm)
MB 410-711283/7		10/09/2025 10:37	1	NC09X06.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 11:56	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 12:16	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 12:36	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 12:56	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 13:15	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 13:35	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 13:55	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 14:14	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 14:34	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 14:53	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 15:13	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 15:33	1		R-624Si1MS 30m 0.25 (mm)
410-244152-10	HD-MW-168-0/1-0	10/09/2025 15:53	1	NC09X19.D	R-624Si1MS 30m 0.25 (mm)
410-244152-11	HD-MW-108D-0/1-0	10/09/2025 16:13	1	NC09X20.D	R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 16:33	50		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 16:52	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 17:12	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 17:32	1		R-624Si1MS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 17:51	1		R-624Si1MS 30m 0.25 (mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment
Testing, LLC

Job No.: 410-244152-1

SDG No.:

Instrument ID: 15830

Start Date: 10/09/2025 09:58

Analysis Batch Number: 711513

End Date: 10/09/2025 21:41

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-711513/1		10/09/2025 09:58	1	FC09T01.D	R-624SiIMS 30m 0.25 (mm)
CCVIS 410-711513/3		10/09/2025 10:49	1	FC08X52.D	R-624SiIMS 30m 0.25 (mm)
LCS 410-711513/4		10/09/2025 11:11	1	FC08X53.D	R-624SiIMS 30m 0.25 (mm)
LCSD 410-711513/5		10/09/2025 11:34	1	FC08X54.D	R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 11:56	1		R-624SiIMS 30m 0.25 (mm)
MB 410-711513/7		10/09/2025 12:19	1	FC08X56.D	R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 13:20	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 13:42	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 14:05	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 14:28	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 14:51	1		R-624SiIMS 30m 0.25 (mm)
410-244152-12	HD-MW-65S-0/1-0	10/09/2025 15:14	1	FC09X12.D	R-624SiIMS 30m 0.25 (mm)
410-244152-13	HD-MW-20M-0/1-0	10/09/2025 15:37	1	FC09X13.D	R-624SiIMS 30m 0.25 (mm)
410-244152-14	HD-MW-14-0/1-0	10/09/2025 16:00	1	FC09X14.D	R-624SiIMS 30m 0.25 (mm)
410-244152-15	HD-MW-22-0/1-0	10/09/2025 16:22	1	FC09X15.D	R-624SiIMS 30m 0.25 (mm)
410-244152-16	HD-MW-108S-0/1-0	10/09/2025 16:45	1	FC09X16.D	R-624SiIMS 30m 0.25 (mm)
410-244152-17	HD-MW-165-0/1-0	10/09/2025 17:08	1	FC09X17.D	R-624SiIMS 30m 0.25 (mm)
410-244152-19	HD-MW-3-0/1-0	10/09/2025 17:31	1	FC09X18.D	R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 17:53	1		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 18:16	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 18:39	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 19:01	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 19:24	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 19:47	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 20:09	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (QC)		10/09/2025 20:33	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 20:55	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 21:18	20		R-624SiIMS 30m 0.25 (mm)
ZZZZZ (Client)		10/09/2025 21:41	20		R-624SiIMS 30m 0.25 (mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEE 00642	MSV_CCV_2CEVE 00240	MSV_CCV_CYC 00012
BFB 410-683596/1		8260D			1 uL	1 uL				
IC 410-683596/3		8260D			5 mL	5 mL	2810			
IC 410-683596/4		8260D			5 mL	5 mL	2810			
IC 410-683596/5		8260D			5 mL	5 mL	2810			
IC 410-683596/6		8260D			5 mL	5 mL	2810			
IC 410-683596/7		8260D			5 mL	5 mL	2810			
IC 410-683596/8		8260D			5 mL	5 mL	2810			
IC 410-683596/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-683596/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-683596/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-683596/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-683596/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-683596/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-683596/18		8260D			5 mL	5 mL	2810		15 uL	30 uL
ICV 410-683596/20		8260D			5 mL	5 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01127	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00023	MSV_CCV_Penta 00069
BFB 410-683596/1		8260D								
IC 410-683596/3		8260D				10 uL		2 uL		2 uL
IC 410-683596/4		8260D				8 uL		2 uL		2 uL
IC 410-683596/5		8260D				16 uL		4 uL		4 uL
IC 410-683596/6		8260D				10 uL		5 uL		5 uL
IC 410-683596/7		8260D				10 uL		5 uL		5 uL
IC 410-683596/8		8260D				30 uL		15 uL		15 uL
IC 410-683596/12		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01127	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00023	MSV_CCV_Penta 00069
IC 410-683596/13		8260D			4 uL		2 uL		4 uL	
IC 410-683596/14		8260D			2 uL		1 uL		2 uL	
IC 410-683596/15		8260D			4 uL		2 uL		4 uL	
ICIS 410-683596/16		8260D			5 uL		2.5 uL		5 uL	
IC 410-683596/17		8260D			5 uL		2.5 uL		5 uL	
IC 410-683596/18		8260D			15 uL		7.5 uL		15 uL	
ICV 410-683596/20		8260D								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00051	MSV_CCV_VOC#1 00248	MSV_CCV_VOC#3 00250	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00041	MSV_LCS_2CEVE 00242
BFB 410-683596/1		8260D								
IC 410-683596/3		8260D			2 uL			5 uL		
IC 410-683596/4		8260D			2 uL			5 uL		
IC 410-683596/5		8260D			4 uL			5 uL		
IC 410-683596/6		8260D			5 uL			5 uL		
IC 410-683596/7		8260D			5 uL			5 uL		
IC 410-683596/8		8260D			15 uL			5 uL		
IC 410-683596/12		8260D							5 uL	
IC 410-683596/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-683596/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-683596/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-683596/16		8260D				5 uL	4 uL		5 uL	
IC 410-683596/17		8260D				5 uL	4 uL		5 uL	
IC 410-683596/18		8260D				15 uL	12 uL		5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00051	MSV_CCV_VOC#1 00248	MSV_CCV_VOC#3 00250	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00041	MSV_LCS_2CEVE 00242
ICV 410-683596/20		8260D							5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00240	MSV_LCS_CYC 00012	MSV_LCS_EE 00011	MSV_LCS_Gases 00263	MSV_LCS_VOC#1 00233	MSV_Q_Acr_Std 00012
BFB 410-683596/1		8260D								
IC 410-683596/3		8260D								
IC 410-683596/4		8260D								
IC 410-683596/5		8260D								
IC 410-683596/6		8260D								
IC 410-683596/7		8260D								
IC 410-683596/8		8260D								
IC 410-683596/12		8260D								
IC 410-683596/13		8260D								
IC 410-683596/14		8260D								
IC 410-683596/15		8260D								
ICIS 410-683596/16		8260D								
IC 410-683596/17		8260D								
IC 410-683596/18		8260D								
ICV 410-683596/20		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	2 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	MSV_V_SMFreon 00054				
BFB 410-683596/1		8260D			1 uL					
IC 410-683596/3		8260D				1 uL				
IC 410-683596/4		8260D				1 uL				
IC 410-683596/5		8260D				2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 683596 Batch Start Date: 08/11/25 14:51 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 000I9	MSV_V_SMFreon 00054				
IC 410-683596/6		8260D				2.5 uL				
IC 410-683596/7		8260D				2.5 uL				
IC 410-683596/8		8260D				7.5 uL				
IC 410-683596/12		8260D								
IC 410-683596/13		8260D								
IC 410-683596/14		8260D								
IC 410-683596/15		8260D								
ICIS 410-683596/16		8260D								
IC 410-683596/17		8260D								
IC 410-683596/18		8260D								
ICV 410-683596/20		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEtoh 00802	MSV_CCV_2CEVE 00247	MSV_CCV_CYC 00012
BFB 410-702728/1		8260D			1 uL	1 uL				
IC 410-702728/3		8260D			5 mL	5 mL	2810			
IC 410-702728/4		8260D			5 mL	5 mL	2810			
IC 410-702728/5		8260D			5 mL	5 mL	2810			
IC 410-702728/6		8260D			5 mL	5 mL	2810			
IC 410-702728/7		8260D			5 mL	5 mL	2810			
IC 410-702728/8		8260D			5 mL	5 mL	2810			
IC 410-702728/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-702728/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-702728/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-702728/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-702728/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-702728/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-702728/18		8260D			5 mL	5 mL	2810		15 uL	30 uL
ICV 410-702728/20		8260D			5 mL	5 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00011	MSV_CCV_GASES 01121	MSV_CCV_LKB 00014	MSV_CCV_OH_Sp 00026	MSV_CCV_Penta 00072
BFB 410-702728/1		8260D								
IC 410-702728/3		8260D			4 uL			4 uL		4 uL
IC 410-702728/4		8260D			2 uL			2 uL		2 uL
IC 410-702728/5		8260D			4 uL			4 uL		4 uL
IC 410-702728/6		8260D			5 uL			5 uL		5 uL
IC 410-702728/7		8260D			5 uL			5 uL		5 uL
IC 410-702728/8		8260D			15 uL			15 uL		15 uL
IC 410-702728/12		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00011	MSV_CCV_GASES 01121	MSV_CCV_LKB 00014	MSV_CCV_OH_Sp 00026	MSV_CCV_Penta 00072
IC 410-702728/13		8260D				20 uL	2 uL		4 uL	
IC 410-702728/14		8260D				8 uL	1 uL		2 uL	
IC 410-702728/15		8260D				16 uL	2 uL		4 uL	
ICIS 410-702728/16		8260D				10 uL	2.5 uL		5 uL	
IC 410-702728/17		8260D				10 uL	2.5 uL		5 uL	
IC 410-702728/18		8260D				30 uL	7.5 uL		15 uL	
ICV 410-702728/20		8260D								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00054	MSV_CCV_VOC#1 00254	MSV_CCV_VOC#3 00256	MSV_Cent_ISO 00012	MSV_Cent_ISSS 00044	MSV_LCS_2CEVE 00249
BFB 410-702728/1		8260D								
IC 410-702728/3		8260D			4 uL			5 uL		
IC 410-702728/4		8260D			2 uL			5 uL		
IC 410-702728/5		8260D			4 uL			5 uL		
IC 410-702728/6		8260D			5 uL			5 uL		
IC 410-702728/7		8260D			5 uL			5 uL		
IC 410-702728/8		8260D			15 uL			5 uL		
IC 410-702728/12		8260D							5 uL	
IC 410-702728/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-702728/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-702728/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-702728/16		8260D				5 uL	4 uL		5 uL	
IC 410-702728/17		8260D				5 uL	4 uL		5 uL	
IC 410-702728/18		8260D				15 uL	12 uL		5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

Page 2 of 4

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00054	MSV_CCV_VOC#1 00254	MSV_CCV_VOC#3 00256	MSV_Cent_ISO 00012	MSV_Cent_ISSS 00044	MSV_LCS_2CEVE 00249
ICV 410-702728/20		8260D							5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00246	MSV_LCS_CYC 00012	MSV_LCS_ETOH 00012	MSV_LCS_OH_Sp 00032	MSV_LCS_VOC#1 00239	MSV_QC_2K_GAS 00316
BFB 410-702728/1		8260D								
IC 410-702728/3		8260D								
IC 410-702728/4		8260D								
IC 410-702728/5		8260D								
IC 410-702728/6		8260D								
IC 410-702728/7		8260D								
IC 410-702728/8		8260D								
IC 410-702728/12		8260D								
IC 410-702728/13		8260D								
IC 410-702728/14		8260D								
IC 410-702728/15		8260D								
ICIS 410-702728/16		8260D								
IC 410-702728/17		8260D								
IC 410-702728/18		8260D								
ICV 410-702728/20		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	MSV_V_SMFreon 00052				
BFB 410-702728/1		8260D			1 uL					
IC 410-702728/3		8260D				2 uL				
IC 410-702728/4		8260D				1 uL				
IC 410-702728/5		8260D				2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 702728 Batch Start Date: 09/22/25 14:37 Batch Analyst: Keller, Kelly EBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 000I9	MSV_V_SMFreon 00052				
IC 410-702728/6		8260D				2.5 uL				
IC 410-702728/7		8260D				2.5 uL				
IC 410-702728/8		8260D				7.5 uL				
IC 410-702728/12		8260D								
IC 410-702728/13		8260D								
IC 410-702728/14		8260D								
IC 410-702728/15		8260D								
ICIS 410-702728/16		8260D								
IC 410-702728/17		8260D								
IC 410-702728/18		8260D								
ICV 410-702728/20		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 710355 Batch Start Date: 10/07/25 16:30 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEE 00647	MSV_CCV_2CEVE 00249	MSV_CCV_CYC 00012
BFB 410-710355/1		8260D			1 uL	1 uL				
IC 410-710355/12		8260D			5 mL	5 mL	2810	12.5 mL		
IC 410-710355/13		8260D			5 mL	5 mL	2810		4 uL	32 uL
IC 410-710355/14		8260D			5 mL	5 mL	2810		2 uL	8 uL
IC 410-710355/15		8260D			5 mL	5 mL	2810		4 uL	16 uL
ICIS 410-710355/16		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-710355/17		8260D			5 mL	5 mL	2810		5 uL	10 uL
IC 410-710355/18		8260D			5 mL	5 mL	2810		15 uL	30 uL
ICV 410-710355/20		8260D			5 mL	5 mL	2810			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_GASES 01144	MSV_CCV_OH_Sp 00026	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258	MSV_Cent_ISSS 00044
BFB 410-710355/1		8260D								
IC 410-710355/12		8260D								5 uL
IC 410-710355/13		8260D			4 uL	2 uL	4 uL	4 uL	3.2 uL	5 uL
IC 410-710355/14		8260D			2 uL	1 uL	2 uL	2 uL	1.6 uL	5 uL
IC 410-710355/15		8260D			4 uL	2 uL	4 uL	4 uL	3.2 uL	5 uL
ICIS 410-710355/16		8260D			5 uL	2.5 uL	5 uL	5 uL	4 uL	5 uL
IC 410-710355/17		8260D			5 uL	2.5 uL	5 uL	5 uL	4 uL	5 uL
IC 410-710355/18		8260D			15 uL	7.5 uL	15 uL	15 uL	12 uL	5 uL
ICV 410-710355/20		8260D								5 uL

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 710355 Batch Start Date: 10/07/25 16:30 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_2CEVE 00251	MSV_LCS_ACROL 00248	MSV_LCS_CYC 00012	MSV_LCS_EE 00012	MSV_LCS_Gases 00271	MSV_LCS_OH_Sp 00032
BFB 410-710355/1		8260D								
IC 410-710355/12		8260D								
IC 410-710355/13		8260D								
IC 410-710355/14		8260D								
IC 410-710355/15		8260D								
ICIS 410-710355/16		8260D								
IC 410-710355/17		8260D								
IC 410-710355/18		8260D								
ICV 410-710355/20		8260D			50 uL	50 uL	50 uL	50 uL	50 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019				
BFB 410-710355/1		8260D				1 uL				
IC 410-710355/12		8260D								
IC 410-710355/13		8260D								
IC 410-710355/14		8260D								
IC 410-710355/15		8260D								
ICIS 410-710355/16		8260D								
IC 410-710355/17		8260D								
IC 410-710355/18		8260D								
ICV 410-710355/20		8260D			50 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 710355 Batch Start Date: 10/07/25 16:30 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 710460 Batch Start Date: 10/07/25 21:54 Batch Analyst: Drexinger, Marissa CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-710460/1		8260D			1 uL	1 uL				
CCVIS 410-710460/3		8260D			5 mL	5 mL				2810
LCS 410-710460/5		8260D			5 mL	5 mL				2810
LCSD 410-710460/6		8260D			5 mL	5 mL				2810
MB 410-710460/8		8260D			5 mL	5 mL				2810
410-244152-A-18	HD-QC1-0/1-2	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-B-1	HD-MW-101S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-2	HD-MW-101D-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-3	HD-MW-6-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-B-4	HD-MW-5-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-B-5	HD-MW-88-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-6	HD-QC1-0/1-3	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-B-7	HD-QC1-0/1-4	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-8	HD-MW-166-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-9	HD-MW-167-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_CYC 00012	MSV_CCV_ETOH 00011	MSV_CCV_GASES 01144	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258
BFB 410-710460/1		8260D								
CCVIS 410-710460/3		8260D			5 uL	10 uL	10 uL	2.5 uL	5 uL	4 uL
LCS 410-710460/5		8260D								
LCSD 410-710460/6		8260D								
MB 410-710460/8		8260D								
410-244152-A-18	HD-QC1-0/1-2	8260D	Water	T						
410-244152-B-1	HD-MW-101S-0/1-0	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 710460 Batch Start Date: 10/07/25 21:54 Batch Analyst: Drexinger, Marissa CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_CYC 00012	MSV_CCV_ETOH 00011	MSV_CCV_GASES 01144	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258
410-244152-A-2	HD-MW-101D-0/1-0	8260D	Water	T						
410-244152-A-3	HD-MW-6-0/1-0	8260D	Water	T						
410-244152-B-4	HD-MW-5-0/1-0	8260D	Water	T						
410-244152-B-5	HD-MW-88-0/1-0	8260D	Water	T						
410-244152-A-6	HD-QC1-0/1-3	8260D	Water	T						
410-244152-B-7	HD-QC1-0/1-4	8260D	Water	T						
410-244152-A-8	HD-MW-166-0/1-0	8260D	Water	T						
410-244152-A-9	HD-MW-167-0/1-0	8260D	Water	T						

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_Cent_ISSS 00043	MSV_LCS_2CEVE 00251	MSV_LCS_ACROL 00248	MSV_LCS_Gases 00271	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019
BFB 410-710460/1		8260D								1 uL
CCVIS 410-710460/3		8260D			5 uL					
LCS 410-710460/5		8260D			5 uL	50 uL	50 uL	50 uL	50 uL	
LCSD 410-710460/6		8260D			5 uL	50 uL	50 uL	50 uL	50 uL	
MB 410-710460/8		8260D			5 uL					
410-244152-A-18	HD-QC1-0/1-2	8260D	Water	T	5 uL					
410-244152-B-1	HD-MW-101S-0/1-0	8260D	Water	T	5 uL					
410-244152-A-2	HD-MW-101D-0/1-0	8260D	Water	T	5 uL					
410-244152-A-3	HD-MW-6-0/1-0	8260D	Water	T	5 uL					
410-244152-B-4	HD-MW-5-0/1-0	8260D	Water	T	5 uL					
410-244152-B-5	HD-MW-88-0/1-0	8260D	Water	T	5 uL					
410-244152-A-6	HD-QC1-0/1-3	8260D	Water	T	5 uL					
410-244152-B-7	HD-QC1-0/1-4	8260D	Water	T	5 uL					
410-244152-A-8	HD-MW-166-0/1-0	8260D	Water	T	5 uL					
410-244152-A-9	HD-MW-167-0/1-0	8260D	Water	T	5 uL					

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 710460 Batch Start Date: 10/07/25 21:54 Batch Analyst: Drexinger, Marissa CBatch Method: 8260D Batch End Date: _____

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 711283 Batch Start Date: 10/09/25 08:32 Batch Analyst: Mellinger, Corie MBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-711283/1		8260D			1 uL	1 uL				
CCVIS 410-711283/3		8260D			5 mL	5 mL				2810
LCS 410-711283/4		8260D			5 mL	5 mL				2810
LCSD 410-711283/5		8260D			5 mL	5 mL				2810
MB 410-711283/7		8260D			5 mL	5 mL				2810
410-244152-A-10	HD-MW-168-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-11	HD-MW-108D-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_GASES 01144	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258	MSV_Cent_ISSS 00045	MSV_LCS_2CEVE 00251
BFB 410-711283/1		8260D								
CCVIS 410-711283/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-711283/4		8260D							5 uL	50 uL
LCSD 410-711283/5		8260D							5 uL	50 uL
MB 410-711283/7		8260D							5 uL	
410-244152-A-10	HD-MW-168-0/1-0	8260D	Water	T					5 uL	
410-244152-A-11	HD-MW-108D-0/1-0	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00248	MSV_LCS_Gases 00271	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019		
BFB 410-711283/1		8260D						1 uL		
CCVIS 410-711283/3		8260D								
LCS 410-711283/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-711283/5		8260D			50 uL	50 uL	50 uL			
MB 410-711283/7		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

8260D

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GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 711283 Batch Start Date: 10/09/25 08:32 Batch Analyst: Mellinger, Corie MBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00248	MSV_LCS_Gases 00271	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019		
410-244152-A-10	HD-MW-168-0/1-0	8260D	Water	T						
410-244152-A-11	HD-MW-108D-0/1-0	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 711513 Batch Start Date: 10/09/25 09:58 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCh eck	Headspace	Lot#Vial
BFB 410-711513/1		8260D			1 uL	1 uL				
CCVIS 410-711513/3		8260D			5 mL	5 mL				2810
LCS 410-711513/4		8260D			5 mL	5 mL				2810
LCSD 410-711513/5		8260D			5 mL	5 mL				2810
MB 410-711513/7		8260D			5 mL	5 mL				2810
410-244152-A-12	HD-MW-65S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-13	HD-MW-20M-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-14	HD-MW-14-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-15	HD-MW-22-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-16	HD-MW-108S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-17	HD-MW-165-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-244152-A-19	HD-MW-3-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_CYC 00012	MSV_CCV_EE 00009	MSV_CCV_GASES 01142	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258
BFB 410-711513/1		8260D								
CCVIS 410-711513/3		8260D			5 uL	10 uL	5 uL	2.5 uL	5 uL	4 uL
LCS 410-711513/4		8260D								
LCSD 410-711513/5		8260D								
MB 410-711513/7		8260D								
410-244152-A-12	HD-MW-65S-0/1-0	8260D	Water	T						
410-244152-A-13	HD-MW-20M-0/1-0	8260D	Water	T						
410-244152-A-14	HD-MW-14-0/1-0	8260D	Water	T						
410-244152-A-15	HD-MW-22-0/1-0	8260D	Water	T						
410-244152-A-16	HD-MW-108S-0/1-0	8260D	Water	T						
410-244152-A-17	HD-MW-165-0/1-0	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-244152-1

SDG No.: _____

Batch Number: 711513 Batch Start Date: 10/09/25 09:58 Batch Analyst: Pape, Linda CBatch Method: 8260D Batch End Date: _____

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00249	MSV_CCV_CYC 00012	MSV_CCV_EE 00009	MSV_CCV_GASES 01142	MSV_CCV_VOC#1 00256	MSV_CCV_VOC#3 00258
410-244152-A-19	HD-MW-3-0/1-0	8260D	Water	T						

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_Cent_ISSS 00045	MSV_LCS_2CEVE 00251	MSV_LCS_ACROL 00248	MSV_LCS_Gases 00271	MSV_LCS_VOC#1 00243	MSV_V_BFB 00019
BFB 410-711513/1		8260D								1 uL
CCVIS 410-711513/3		8260D			5 uL					
LCS 410-711513/4		8260D			5 uL	50 uL	50 uL	50 uL	50 uL	
LCSD 410-711513/5		8260D			5 uL	50 uL	50 uL	50 uL	50 uL	
MB 410-711513/7		8260D			5 uL					
410-244152-A-12	HD-MW-65S-0/1-0	8260D	Water	T	5 uL					
410-244152-A-13	HD-MW-20M-0/1-0	8260D	Water	T	5 uL					
410-244152-A-14	HD-MW-14-0/1-0	8260D	Water	T	5 uL					
410-244152-A-15	HD-MW-22-0/1-0	8260D	Water	T	5 uL					
410-244152-A-16	HD-MW-108S-0/1-0	8260D	Water	T	5 uL					
410-244152-A-17	HD-MW-165-0/1-0	8260D	Water	T	5 uL					
410-244152-A-19	HD-MW-3-0/1-0	8260D	Water	T	5 uL					

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

 eurofins

Acct. # _____ Group # _____ Sample # _____

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KF
Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300
7045 021

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10/10/2025

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-244152-1

Login Number: 244152

List Number: 1

Creator: Foreman, Kai

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable, where thermal pres is required ($\leq 6^{\circ}\text{C}$, not frozen).	True	
Cooler Temperature is recorded.	True	
WV: Container Temp acceptable, where thermal pres is required ($\leq 6^{\circ}\text{C}$, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	False	Received extra samples not listed on COC.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	True	
Sample custody seals are intact.	True	
VOA sample vials do not have headspace $> 6\text{mm}$ in diameter (none, if from WV)?	True	