eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Christopher O'Neil
Groundwater Sciences Corporation
2550 Interstate Drive
Suite 303
Harrisburg PA 17110

Generated 04/09/2025

JOB DESCRIPTION

SPBA Quarterly Sampling Event

JOB NUMBER

410-214588-1

Eurofins Lancaster Laboratories Environment Testing, LLC
2425 New Holland Pike
Lancaster PA 17601

See page two for job notes and contact information.

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
04/09/2025

Authorized for release by
Kelly Gallagher, Project Manager
kelly.gallagher@et.eurofinsus.com
717 205-7820

Table of Contents

Cover Page 1
Data Summaries 4
Definitions 4
Case Narrative 5
Detection Summary 6
Client Sample Results 7
Default Detection Limits 10
Surrogate Summary 11
QC Sample Results 12
QC Association 15
Chronicle 16
Certification Summary 17
Method Summary 18
Sample Summary 19
Manual Integration Summary 20
Reagent Traceability 26
COAs 40
Organic Sample Data 95
GC/MS VOA 95
Method 8260D 95
Method 8260D QC Summary 96
Method 8260D Sample Data 106
Standards Data 130
Method 8260D ICAL Data 130
Method 8260D CCAL Data 373
Raw QC Data 401
Method 8260D Tune Data 401
Method 8260D Blank Data 409
Method 8260D LCS/LCSD Data 417
Method 8260D Run Logs 435
Method 8260D Prep Data 437
Shipping and Receiving Documents 441
Client Chain of Custody 442
Sample Receipt Checklist 443

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
^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
410-214588-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 3/28/2025 4:00 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 3.1°C.

Receipt Exceptions
A trip blank was received in the cooler/package, but not entered with this job. The Trip blank logged in and reported with job number 410-214590.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-627642 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
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-214588-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.55	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.74	J	1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.56	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-214588-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	2.5		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.74	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-214588-3

No Detections.

This Detection Summary does not include radiochemical test results.

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

Lab Sample ID: 410-214588-1

Date Collected: 03/27/25 13:45

Matrix: Water

Date Received: 03/28/25 16:00

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			04/08/25 16:47	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 16:47	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			04/08/25 16:47	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
2-Butanone (MEK)	ND		10	0.50	ug/L			04/08/25 16:47	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			04/08/25 16:47	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			04/08/25 16:47	1
Acetone	ND		20	0.70	ug/L			04/08/25 16:47	1
Benzene	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Bromochloromethane	ND		5.0	0.20	ug/L			04/08/25 16:47	1
Bromodichloromethane	ND		1.0	0.20	ug/L			04/08/25 16:47	1
Bromoform	ND		4.0	1.0	ug/L			04/08/25 16:47	1
Bromomethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Carbon disulfide	ND		5.0	0.30	ug/L			04/08/25 16:47	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Chlorobenzene	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Chloroethane	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Chloroform	**0.55**	**J**	1.0	0.30	ug/L			04/08/25 16:47	1
Chloromethane	ND		2.0	0.55	ug/L			04/08/25 16:47	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 16:47	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 16:47	1
Dibromochloromethane	ND		1.0	0.20	ug/L			04/08/25 16:47	1
Ethylbenzene	ND		1.0	0.40	ug/L			04/08/25 16:47	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			04/08/25 16:47	1
Methylene Chloride	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Styrene	ND		5.0	0.30	ug/L			04/08/25 16:47	1
Tetrachloroethene	**0.74**	**J**	1.0	0.30	ug/L			04/08/25 16:47	1
Toluene	ND		1.0	0.30	ug/L			04/08/25 16:47	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			04/08/25 16:47	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 16:47	1
Trichloroethene	**0.56**	**J**	1.0	0.30	ug/L			04/08/25 16:47	1
Vinyl chloride	ND		1.0	0.30	ug/L			04/08/25 16:47	1
Xylenes, Total	ND		1.0	0.40	ug/L			04/08/25 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*04/08/25 16:47*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/08/25 16:47*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*04/08/25 16:47*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*04/08/25 16:47*	*1*

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

Lab Sample ID: 410-214588-2

Date Collected: 03/27/25 13:39

Matrix: Water

Date Received: 03/28/25 16:00

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			04/08/25 17:06	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 17:06	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			04/08/25 17:06	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
2-Butanone (MEK)	ND		10	0.50	ug/L			04/08/25 17:06	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			04/08/25 17:06	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			04/08/25 17:06	1
Acetone	ND		20	0.70	ug/L			04/08/25 17:06	1
Benzene	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Bromochloromethane	ND		5.0	0.20	ug/L			04/08/25 17:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			04/08/25 17:06	1
Bromoform	ND		4.0	1.0	ug/L			04/08/25 17:06	1
Bromomethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Carbon disulfide	ND		5.0	0.30	ug/L			04/08/25 17:06	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Chlorobenzene	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Chloroethane	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Chloroform	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Chloromethane	ND		2.0	0.55	ug/L			04/08/25 17:06	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 17:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 17:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			04/08/25 17:06	1
Ethylbenzene	ND		1.0	0.40	ug/L			04/08/25 17:06	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			04/08/25 17:06	1
Methylene Chloride	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Styrene	ND		5.0	0.30	ug/L			04/08/25 17:06	1
Tetrachloroethene	**2.5**		1.0	0.30	ug/L			04/08/25 17:06	1
Toluene	ND		1.0	0.30	ug/L			04/08/25 17:06	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			04/08/25 17:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 17:06	1
Trichloroethene	**0.74**	**J**	1.0	0.30	ug/L			04/08/25 17:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			04/08/25 17:06	1
Xylenes, Total	ND		1.0	0.40	ug/L			04/08/25 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*		*04/08/25 17:06*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*		*04/08/25 17:06*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*04/08/25 17:06*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/08/25 17:06*	*1*

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

Lab Sample ID: 410-214588-3

Date Collected: 03/27/25 13:35

Matrix: Water

Date Received: 03/28/25 16:00

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			04/08/25 17:25	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			04/08/25 17:25	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
2-Butanone (MEK)	ND		10	0.50	ug/L			04/08/25 17:25	1
2-Hexanone	ND	^c cn	10	0.85	ug/L			04/08/25 17:25	1
4-Methyl-2-pentanone (MIBK)	ND	^c cn	10	0.50	ug/L			04/08/25 17:25	1
Acetone	ND		20	0.70	ug/L			04/08/25 17:25	1
Benzene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Bromochloromethane	ND		5.0	0.20	ug/L			04/08/25 17:25	1
Bromodichloromethane	ND		1.0	0.20	ug/L			04/08/25 17:25	1
Bromoform	ND		4.0	1.0	ug/L			04/08/25 17:25	1
Bromomethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Carbon disulfide	ND		5.0	0.30	ug/L			04/08/25 17:25	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Chlorobenzene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Chloroethane	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Chloroform	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Chloromethane	ND		2.0	0.55	ug/L			04/08/25 17:25	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 17:25	1
Dibromochloromethane	ND		1.0	0.20	ug/L			04/08/25 17:25	1
Ethylbenzene	ND		1.0	0.40	ug/L			04/08/25 17:25	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			04/08/25 17:25	1
Methylene Chloride	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Styrene	ND		5.0	0.30	ug/L			04/08/25 17:25	1
Tetrachloroethene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Toluene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			04/08/25 17:25	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 17:25	1
Trichloroethene	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Vinyl chloride	ND		1.0	0.30	ug/L			04/08/25 17:25	1
Xylenes, Total	ND		1.0	0.40	ug/L			04/08/25 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*04/08/25 17:25*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*04/08/25 17:25*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*04/08/25 17:25*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*04/08/25 17:25*	*1*

Default Detection Limits

Client: Groundwater Sciences Corporation
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

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	0.50 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
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

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

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(80-120)	(80-120)	(80-120)	(80-120)
410-214588-1	HD-MW-166-0/1-0	100	103	98	96
410-214588-2	HD-MW-167-0/1-0	101	103	98	97
410-214588-3	HD-MW-168-0/1-0	100	101	97	98
LCS 410-627642/4	Lab Control Sample	98	102	97	101
LCSD 410-627642/5	Lab Control Sample Dup	102	101	97	101
MB 410-627642/8	Method Blank	99	102	97	97

Surrogate Legend

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

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

Lab Sample ID: MB 410-627642/8
Matrix: Water
Analysis Batch: 627642

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			04/08/25 12:15	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			04/08/25 12:15	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
2-Butanone (MEK)	ND		10	0.50	ug/L			04/08/25 12:15	1
2-Hexanone	ND		10	0.85	ug/L			04/08/25 12:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			04/08/25 12:15	1
Acetone	ND		20	0.70	ug/L			04/08/25 12:15	1
Benzene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Bromochloromethane	ND		5.0	0.20	ug/L			04/08/25 12:15	1
Bromodichloromethane	ND		1.0	0.20	ug/L			04/08/25 12:15	1
Bromoform	ND		4.0	1.0	ug/L			04/08/25 12:15	1
Bromomethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Carbon disulfide	ND		5.0	0.30	ug/L			04/08/25 12:15	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Chlorobenzene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Chloroethane	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Chloroform	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Chloromethane	ND		2.0	0.55	ug/L			04/08/25 12:15	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 12:15	1
Dibromochloromethane	ND		1.0	0.20	ug/L			04/08/25 12:15	1
Ethylbenzene	ND		1.0	0.40	ug/L			04/08/25 12:15	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			04/08/25 12:15	1
Methylene Chloride	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Styrene	ND		5.0	0.30	ug/L			04/08/25 12:15	1
Tetrachloroethene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Toluene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			04/08/25 12:15	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			04/08/25 12:15	1
Trichloroethene	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Vinyl chloride	ND		1.0	0.30	ug/L			04/08/25 12:15	1
Xylenes, Total	ND		1.0	0.40	ug/L			04/08/25 12:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*		*04/08/25 12:15*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*		*04/08/25 12:15*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*04/08/25 12:15*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*04/08/25 12:15*	*1*

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

Lab Sample ID: LCS 410-627642/4
Matrix: Water
Analysis Batch: 627642

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	19.9		ug/L		100	79 - 120
1,1,1-Trichloroethane	20.0	19.9		ug/L		99	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		104	72 - 120
1,1,2-Trichloroethane	20.0	20.2		ug/L		101	80 - 120
1,1-Dichloroethane	20.0	20.2		ug/L		101	80 - 120
1,1-Dichloroethene	20.0	22.8		ug/L		114	80 - 131
1,2-Dibromoethane (EDB)	20.0	19.7		ug/L		99	77 - 120
1,2-Dichloroethane	20.0	19.8		ug/L		99	73 - 124
1,2-Dichloropropane	20.0	19.6		ug/L		98	80 - 120
2-Butanone (MEK)	250	261		ug/L		104	59 - 135
2-Hexanone	250	265		ug/L		106	56 - 135
4-Methyl-2-pentanone (MIBK)	250	252		ug/L		101	62 - 133
Acetone	250	237		ug/L		95	57 - 143
Benzene	20.0	20.1		ug/L		100	80 - 120
Bromochloromethane	20.0	19.1		ug/L		96	80 - 120
Bromodichloromethane	20.0	19.1		ug/L		95	71 - 120
Bromoform	20.0	18.3		ug/L		92	51 - 120
Bromomethane	20.0	18.2		ug/L		91	53 - 128
Carbon disulfide	20.0	19.7		ug/L		99	65 - 128
Carbon tetrachloride	20.0	19.0		ug/L		95	64 - 134
Chlorobenzene	20.0	20.2		ug/L		101	80 - 120
Chloroethane	20.0	18.7		ug/L		94	55 - 123
Chloroform	20.0	19.5		ug/L		97	80 - 120
Chloromethane	20.0	20.0		ug/L		100	39 - 134
cis-1,2-Dichloroethene	20.0	19.3		ug/L		96	80 - 125
cis-1,3-Dichloropropene	20.0	18.0		ug/L		90	75 - 120
Dibromochloromethane	20.0	18.4		ug/L		92	71 - 120
Ethylbenzene	20.0	20.4		ug/L		102	80 - 120
Methyl tert-butyl ether	20.0	18.9		ug/L		95	69 - 122
Methylene Chloride	20.0	20.3		ug/L		102	80 - 120
Styrene	20.0	20.3		ug/L		102	80 - 120
Tetrachloroethene	20.0	20.4		ug/L		102	80 - 120
Toluene	20.0	20.1		ug/L		101	80 - 120
trans-1,2-Dichloroethene	20.0	20.6		ug/L		103	80 - 126
trans-1,3-Dichloropropene	20.0	19.0		ug/L		95	67 - 120
Trichloroethene	20.0	20.2		ug/L		101	80 - 120
Vinyl chloride	20.0	19.1		ug/L		96	56 - 120
Xylenes, Total	60.0	60.6		ug/L		101	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: LCSD 410-627642/5
Matrix: Water
Analysis Batch: 627642

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	19.9		ug/L		99	79 - 120	0	30
1,1,1-Trichloroethane			20.0	19.9		ug/L		100	73 - 120	0	30
1,1,2,2-Tetrachloroethane			20.0	20.3		ug/L		102	72 - 120	2	30
1,1,2-Trichloroethane			20.0	20.0		ug/L		100	80 - 120	1	30
1,1-Dichloroethane			20.0	20.1		ug/L		100	80 - 120	1	30
1,1-Dichloroethene			20.0	22.7		ug/L		114	80 - 131	0	30
1,2-Dibromoethane (EDB)			20.0	19.7		ug/L		99	77 - 120	0	30
1,2-Dichloroethane			20.0	19.7		ug/L		98	73 - 124	0	30
1,2-Dichloropropane			20.0	19.6		ug/L		98	80 - 120	0	30
2-Butanone (MEK)			250	258		ug/L		103	59 - 135	1	30
2-Hexanone			250	255		ug/L		102	56 - 135	4	30
4-Methyl-2-pentanone (MIBK)			250	248		ug/L		99	62 - 133	1	30
Acetone			250	258		ug/L		103	57 - 143	8	30
Benzene			20.0	19.8		ug/L		99	80 - 120	1	30
Bromochloromethane			20.0	19.1		ug/L		95	80 - 120	0	30
Bromodichloromethane			20.0	18.8		ug/L		94	71 - 120	2	30
Bromoform			20.0	17.6		ug/L		88	51 - 120	4	30
Bromomethane			20.0	18.5		ug/L		93	53 - 128	1	30
Carbon disulfide			20.0	19.0		ug/L		95	65 - 128	4	30
Carbon tetrachloride			20.0	18.6		ug/L		93	64 - 134	2	30
Chlorobenzene			20.0	19.7		ug/L		99	80 - 120	3	30
Chloroethane			20.0	18.9		ug/L		95	55 - 123	1	30
Chloroform			20.0	19.3		ug/L		97	80 - 120	1	30
Chloromethane			20.0	20.2		ug/L		101	39 - 134	1	30
cis-1,2-Dichloroethene			20.0	19.2		ug/L		96	80 - 125	1	30
cis-1,3-Dichloropropene			20.0	17.5		ug/L		88	75 - 120	3	30
Dibromochloromethane			20.0	17.8		ug/L		89	71 - 120	3	30
Ethylbenzene			20.0	20.3		ug/L		101	80 - 120	1	30
Methyl tert-butyl ether			20.0	19.0		ug/L		95	69 - 122	0	30
Methylene Chloride			20.0	20.3		ug/L		101	80 - 120	0	30
Styrene			20.0	20.2		ug/L		101	80 - 120	1	30
Tetrachloroethene			20.0	19.8		ug/L		99	80 - 120	3	30
Toluene			20.0	19.7		ug/L		99	80 - 120	2	30
trans-1,2-Dichloroethene			20.0	20.1		ug/L		100	80 - 126	2	30
trans-1,3-Dichloropropene			20.0	18.3		ug/L		92	67 - 120	4	30
Trichloroethene			20.0	19.8		ug/L		99	80 - 120	2	30
Vinyl chloride			20.0	19.4		ug/L		97	56 - 120	1	30
Xylenes, Total			60.0	60.2		ug/L		100	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*97*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

QC Association Summary

Client: Groundwater Sciences Corporation
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

GC/MS VOA

Analysis Batch: 627642

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-214588-1	HD-MW-166-0/1-0	Total/NA	Water	8260D	
410-214588-2	HD-MW-167-0/1-0	Total/NA	Water	8260D	
410-214588-3	HD-MW-168-0/1-0	Total/NA	Water	8260D	
MB 410-627642/8	Method Blank	Total/NA	Water	8260D	
LCS 410-627642/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-627642/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Groundwater Sciences Corporation
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-214588-1

Date Collected: 03/27/25 13:45
Matrix: Water
Date Received: 03/28/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	627642	DVW2	ELLE	04/08/25 16:47

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-214588-2

Date Collected: 03/27/25 13:39
Matrix: Water
Date Received: 03/28/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	627642	DVW2	ELLE	04/08/25 17:06

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-214588-3

Date Collected: 03/27/25 13:35
Matrix: Water
Date Received: 03/28/25 16:00

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	627642	DVW2	ELLE	04/08/25 17:25

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
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

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
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

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
Job ID: 410-214588-1
Project/Site: SPBA Quarterly Sampling Event

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-214588-1	HD-MW-166-0/1-0	Water	03/27/25 13:45	03/28/25 16:00
410-214588-2	HD-MW-167-0/1-0	Water	03/27/25 13:39	03/28/25 16:00
410-214588-3	HD-MW-168-0/1-0	Water	03/27/25 13:35	03/28/25 16:00

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 627062

Lab Sample ID: IC 410-627062/4 Client Sample ID:

Date Analyzed: 04/07/25 15:24 Lab File ID: FA07X03.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	JS6E	04/07/25 17:36
1,3-Butadiene	1.19	Incomplete Integration	JS6E	04/07/25 17:36
Chloroethane	1.38	Incomplete Integration	JS6E	04/07/25 17:36
n-Pentane	1.51	Incomplete Integration	JS6E	04/07/25 17:37
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:38
Freon 113	1.87	Incomplete Integration	JS6E	04/07/25 17:39
Acetone	1.88	Incomplete Integration	JS6E	04/07/25 17:38
2-Propanol	1.95	Incomplete Integration	JS6E	04/07/25 17:39
Carbon disulfide	1.96	Incomplete Integration	JS6E	04/07/25 17:39
Allyl chloride	2.07	Incomplete Integration	JS6E	04/07/25 17:39
Methyl acetate	2.07	Incomplete Integration	JS6E	04/07/25 17:39
Acrylonitrile	2.36	Incomplete Integration	JS6E	04/07/25 17:40
Methyl tert-butyl ether	2.39	Incomplete Integration	JS6E	04/07/25 17:40
n-Hexane	2.59	Incomplete Integration	JS6E	04/07/25 17:40
Isopropyl ether	2.76	Incomplete Integration	JS6E	04/07/25 17:40
2-Chloro-1,3-butadiene	2.78	Incomplete Integration	JS6E	04/07/25 17:40
Ethyl t-butyl ether	3.05	Incomplete Integration	JS6E	04/07/25 17:40
2-Butanone (MEK)	3.15	Incomplete Integration	JS6E	04/07/25 17:40
Propionitrile	3.19	Incomplete Integration	JS6E	04/07/25 17:41
2,2-Dichloropropane	3.20	Incomplete Integration	JS6E	04/07/25 17:41
Methacrylonitrile	3.31	Incomplete Integration	JS6E	04/07/25 17:41
Tetrahydrofuran	3.34	Incomplete Integration	JS6E	04/07/25 17:41
1,1,1-Trichloroethane	3.57	Incomplete Integration	JS6E	04/07/25 17:41
Cyclohexane	3.63	Incomplete Integration	JS6E	04/07/25 17:41
Isobutyl alcohol	3.81	Incomplete Integration	JS6E	04/07/25 17:42
n-Butanol	4.36	Incomplete Integration	JS6E	04/07/25 17:42
Trichloroethene	4.38	Incomplete Integration	JS6E	04/07/25 17:43
1,4-Dioxane	4.65	Incomplete Integration	JS6E	04/07/25 17:43

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 627062

Lab Sample ID: IC 410-627062/5 Client Sample ID:

Date Analyzed: 04/07/25 15:43 Lab File ID: FA07X04.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Split Peak	JS6E	04/07/25 17:31
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:32
Acetone	1.86	Incomplete Integration	JS6E	04/07/25 17:32
Freon 113	1.87	Incomplete Integration	JS6E	04/07/25 17:32
2-Propanol	1.94	Incomplete Integration	JS6E	04/07/25 17:32
Carbon disulfide	1.97	Incomplete Integration	JS6E	04/07/25 17:33
Methyl acetate	2.07	Incomplete Integration	JS6E	04/07/25 17:33
n-Hexane	2.60	Incomplete Integration	JS6E	04/07/25 17:33
2-Butanone (MEK)	3.14	Incomplete Integration	JS6E	04/07/25 17:33
Propionitrile	3.22	Incomplete Integration	JS6E	04/07/25 17:34
1,1-Dichloropropene	3.69	Incomplete Integration	JS6E	04/07/25 17:34
Isobutyl alcohol	3.81	Incomplete Integration	JS6E	04/07/25 17:34
1,2-Dichloroethane	3.90	Incomplete Integration	JS6E	04/07/25 17:35
n-Heptane	4.10	Incomplete Integration	JS6E	04/07/25 18:05
1,4-Dioxane	4.66	Incomplete Integration	JS6E	04/07/25 17:35

Lab Sample ID: IC 410-627062/6 Client Sample ID:

Date Analyzed: 04/07/25 16:02 Lab File ID: FA07X05.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Split Peak	JS6E	04/07/25 17:28
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:29
2-Propanol	1.94	Incomplete Integration	JS6E	04/07/25 17:29
Methyl acetate	2.07	Incomplete Integration	JS6E	04/07/25 17:30
n-Hexane	2.60	Incomplete Integration	JS6E	04/07/25 17:59
Propionitrile	3.23	Incomplete Integration	JS6E	04/07/25 17:30
n-Heptane	4.10	Incomplete Integration	JS6E	04/07/25 18:01
1,4-Dioxane	4.65	Split Peak	JS6E	04/07/25 17:30

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 627062

Lab Sample ID: IC 410-627062/7 Client Sample ID:

Date Analyzed: 04/07/25 16:22 Lab File ID: FA07X06.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Split Peak	JS6E	04/07/25 17:22
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:23
2-Propanol	1.94	Incomplete Integration	JS6E	04/07/25 17:24
Carbon disulfide	1.97	Incomplete Integration	JS6E	04/07/25 17:24
Methyl acetate	2.07	Incomplete Integration	JS6E	04/07/25 17:24
Methacrylonitrile	3.31	Incomplete Integration	JS6E	04/07/25 17:25
1,4-Dioxane	4.65	Split Peak	JS6E	04/07/25 17:25

Lab Sample ID: ICIS 410-627062/8 Client Sample ID:

Date Analyzed: 04/07/25 16:41 Lab File ID: FA07X07.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Split Peak	JS6E	04/07/25 17:22
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:09
2-Propanol	1.94	Incomplete Integration	JS6E	04/07/25 17:12
Carbon disulfide	1.97	Split Peak	JS6E	04/07/25 17:09
Methyl acetate	2.06	Incomplete Integration	JS6E	04/07/25 17:10
Propionitrile	3.22	Incomplete Integration	JS6E	04/07/25 17:13
Methacrylonitrile	3.34	Incomplete Integration	JS6E	04/07/25 17:13
1,4-Dioxane	4.66	Split Peak	JS6E	04/07/25 17:14
Bromobenzene	7.29	Peak assignment corrected	JS6E	04/07/25 18:16
sec-Butylbenzene	7.76	Peak assignment corrected	JS6E	04/07/25 17:17
Benzyl chloride	7.94	Peak assignment corrected	JS6E	04/07/25 17:17

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 627062

Lab Sample ID: IC 410-627062/9 Client Sample ID:

Date Analyzed: 04/07/25 17:00 Lab File ID: FA07X08.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	JS6E	04/07/25 17:44
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:45
2-Propanol	1.94	Incomplete Integration	JS6E	04/07/25 17:45
Carbon disulfide	2.01	Incomplete Integration	JS6E	04/07/25 17:45
Methyl acetate	2.07	Incomplete Integration	JS6E	04/07/25 17:46
Tetrahydrofuran	3.37	Incomplete Integration	JS6E	04/07/25 17:46
1,4-Dioxane	4.65	Split Peak	JS6E	04/07/25 17:46

Lab Sample ID: IC 410-627062/10 Client Sample ID:

Date Analyzed: 04/07/25 17:19 Lab File ID: FA07X09.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.11	Incomplete Integration	JS6E	04/07/25 17:47
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 17:48
Carbon disulfide	2.01	Incomplete Integration	JS6E	04/07/25 17:49
Methyl acetate	2.06	Incomplete Integration	JS6E	04/07/25 17:50
t-Butyl alcohol-d10 (IS)	2.21	Incomplete Integration	JS6E	04/07/25 17:54
2-Butanone (MEK)	3.17	Incomplete Integration	JS6E	04/07/25 17:50
1,4-Dioxane	4.65	Incomplete Integration	JS6E	04/07/25 17:51
Ethylbenzene	6.57	Peak assignment corrected	JS6E	04/07/25 17:51
m&p-Xylene	6.66	Peak assignment corrected	JS6E	04/07/25 17:51
1,2,4-Trimethylbenzene	7.67	Incomplete Integration	JS6E	04/07/25 17:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 627062

Lab Sample ID: ICV 410-627062/12 Client Sample ID:

Date Analyzed: 04/07/25 17:58 Lab File ID: FA07X11.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Split Peak	JS6E	04/07/25 18:24
Trichlorofluoromethane	1.56	Incomplete Integration	JS6E	04/07/25 18:25
2-Propanol	1.94	Incomplete Integration	JS6E	04/07/25 18:25
Carbon disulfide	1.96	Incomplete Integration	JS6E	04/07/25 18:26
Methyl acetate	2.07	Incomplete Integration	JS6E	04/07/25 18:26
Propionitrile	3.23	Incomplete Integration	JS6E	04/07/25 18:27
Methacrylonitrile	3.30	Incomplete Integration	JS6E	04/07/25 18:27
1,4-Dioxane	4.65	Split Peak	JS6E	04/07/25 18:27

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 627642

Lab Sample ID: CCVIS 410-627642/3 Client Sample ID:

Date Analyzed: 04/08/25 10:38 Lab File ID: FA08X02.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	04/08/25 11:07
Trichlorofluoromethane	1.56	Incomplete Integration	DVW2	04/08/25 11:07
Carbon disulfide	1.97	Incomplete Integration	DVW2	04/08/25 11:07
Methacrylonitrile	3.34	Incomplete Integration	DVW2	04/08/25 11:08
Tetrahydrofuran	3.37	Incomplete Integration	DVW2	04/08/25 11:07
1,4-Dioxane	4.66	Incomplete Integration	DVW2	04/08/25 11:08

Lab Sample ID: LCS 410-627642/4 Client Sample ID:

Date Analyzed: 04/08/25 10:57 Lab File ID: FA08X03.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	04/08/25 11:48
Carbon disulfide	1.96	Incomplete Integration	DVW2	04/08/25 11:48

Lab Sample ID: LCSD 410-627642/5 Client Sample ID:

Date Analyzed: 04/08/25 11:17 Lab File ID: FA08X04.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	04/08/25 11:50
Carbon disulfide	2.01	Incomplete Integration	DVW2	04/08/25 11:50

Lab Sample ID: 410-214588-2 Client Sample ID: HD-MW-167-0/1-0

Date Analyzed: 04/08/25 17:06 Lab File ID: FA08X22.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	N9NA	04/09/25 08:33

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppb_00012	04/11/25	04/07/25	DI Water, Lot DI 23226	1000 mL	MSV_CCV_2CEVE_00222	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_GASES_01005	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_00230	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
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-trifluoroethane	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
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00231	3.2 uL	Acrolein	39.0326 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_00222	05/07/25	04/07/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00230	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00230	05/31/27		Restek, Lot A0211425		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_GASES_01005	04/11/25		Restek, Lot A0212054		(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_00230	05/07/25	04/07/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00229	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00226	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00229	05/07/25		Restek, Lot A0211483		(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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00226	05/07/25		Restek, Lot A0212010		(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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00231	05/05/25	04/07/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00026	0.5 mL	Acrolein	12197.7 ug/mL
					MSV_V_Ketones_00228	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_00026	05/05/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00046	8.537 mL	Acrolein	121977 ug/mL
...MSV_VACR_STK_00046	05/05/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00039	1.538 g	Acrolein	142880 ug/mL
....MSV_ACROLEIN_00039	08/31/25	Chem Service, Lot 15807600			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00228	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_2CEVE_00222	05/07/25	04/07/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00230	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00230	05/31/27	Restek, Lot A0211425			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_GASES_00977	04/14/25	Restek, Lot A0212054			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01005	04/11/25	Restek, Lot A0212054			(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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_VOC#1_00230	05/07/25	04/07/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00229	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00226	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00229	05/07/25		Restek, Lot A0211483		(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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00226	05/07/25		Restek, Lot A0212010		(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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_CCV_VOC#3_00231	05/05/25	04/07/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00026	0.5 mL	Acrolein	12197.7 ug/mL
					MSV_V_Ketones_00228	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_00026	05/05/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00046	8.537 mL	Acrolein	121977 ug/mL
..MSV_VACR_STK_00046	05/05/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00039	1.538 g	Acrolein	142880 ug/mL
...MSV_ACROLEIN_00039	08/31/25		Chem Service, Lot 15807600		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00228	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_Cent_ISSS_00032	04/09/25	10/09/24	Methanol, Lot EH822-US	50 mL	MSV_8260_SS_01309	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_00651	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_01309	04/09/25		Restek, Lot A0209669		(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_00651	10/09/25		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_00036	08/28/25	02/28/25	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_ISSS_00036	08/28/25	02/28/25	Methanol, Lot EJ274	50 mL	MSV_8260_SS_01384	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_01384	07/31/29		Restek, Lot A0213335		(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_00245	04/14/25	04/07/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00293	0.5 mL	Bromomethane	40 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00293	04/14/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_VOC#1_00215	05/07/25	04/07/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00262	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_00260	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00260	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_00262	05/31/27		Restek, Lot A0211284		(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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00260	05/31/27		Restek, Lot A0212017		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00260	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_V_BFB_00018							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	
							Total Diethylbenzene	
							Xylenes, Total	
					MSV_VBFB_STK_00013	0.09 mL	BFB	50.076 ug/mL
.MSV_VBFB_STK_00013	05/31/25	12/02/24	Methanol, Lot EH471	10 mL	MSV_4BFB_NEAT_00012	1.391 g	BFB	139100 ug/mL
..MSV_4BFB_NEAT_00012	05/31/25		Chem Service, Lot 15267000		(Purchased Reagent)		BFB	1 g/g

Reagent

MSV_8260_SS_01309

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.:** A0209669

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 : April 30, 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%	2,508.3 µg/mL	+/- 140.9026
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,520.3 µg/mL	+/- 141.5767
3	Toluene-d8	2037-26-5	PR-34141	99%	2,518.3 µg/mL	+/- 141.4644
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,517.0 µg/mL	+/- 141.3941

* 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.)

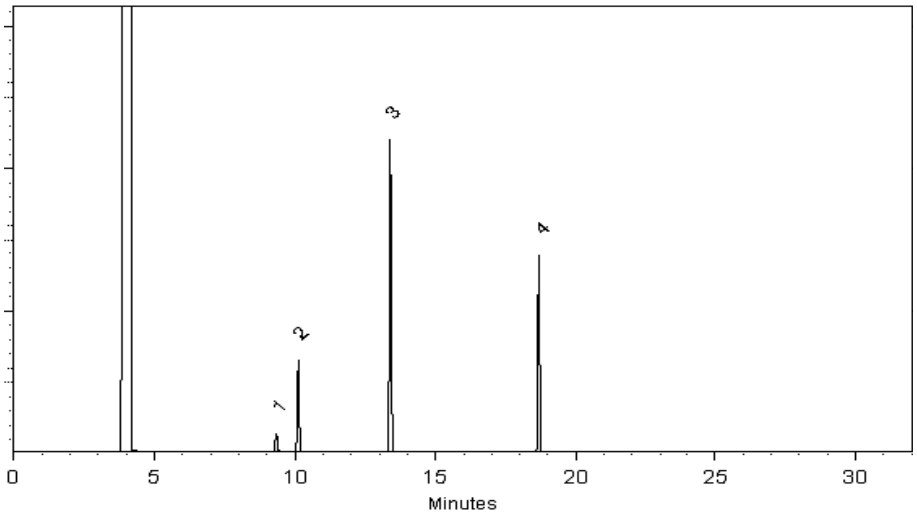
Inj. Temp:
200°C

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.

Ethan Winiarski - Operations Tech I

Date Mixed: 01-Apr-2024 **Balance Serial #** 1128342314

Dillan Murphy - Operations Technician I

Date Passed: 03-Apr-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:

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

  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_01384

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.:** A0213335

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 : July 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%	2,506.3 µg/mL	+/- 140.7903
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,503.5 µg/mL	+/- 140.6358
3	Toluene-d8	2037-26-5	PR-34141	99%	2,505.3 µg/mL	+/- 140.7341
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,506.0 µg/mL	+/- 140.7762

* 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.)

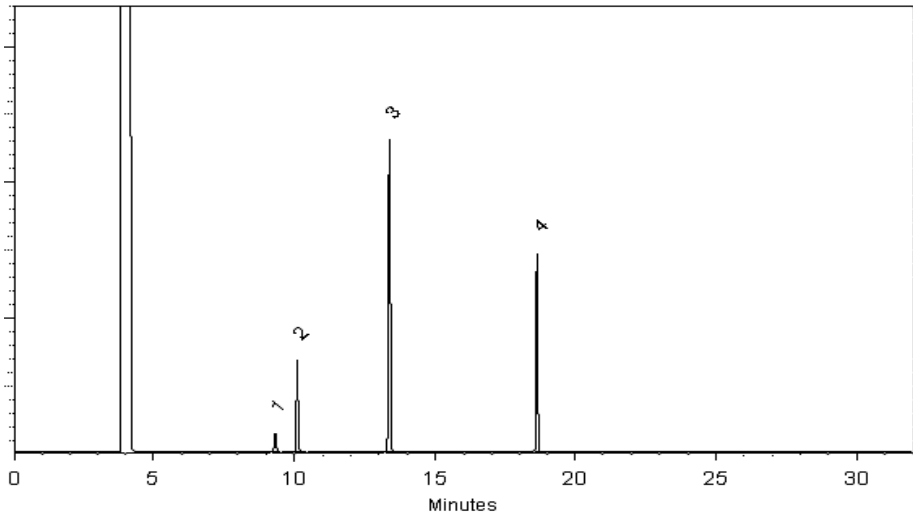
Inj. Temp:
200°C

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.

Dakota Parson - Operations Technician I

Date Mixed: 01-Jul-2024 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 08-Jul-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:

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

  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_CCV_GASES_00977

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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 **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.

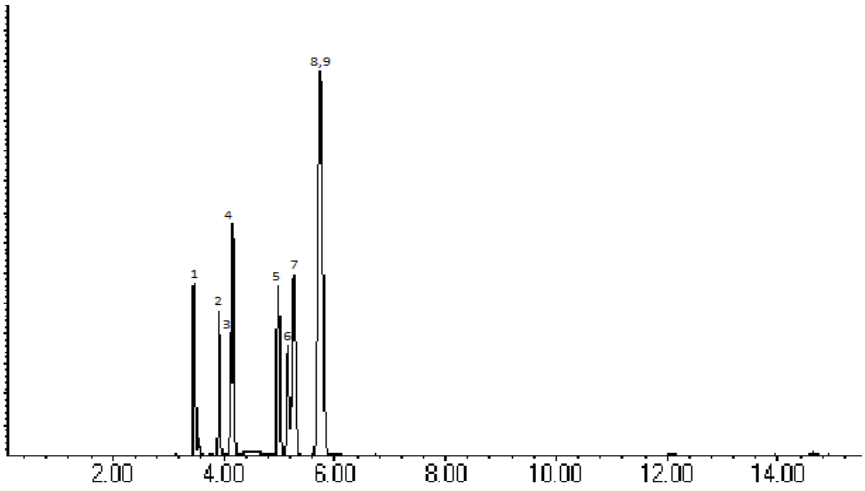
Inj. Temp:
200°C

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:

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

  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_CCV_GASES_01005

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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 **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.

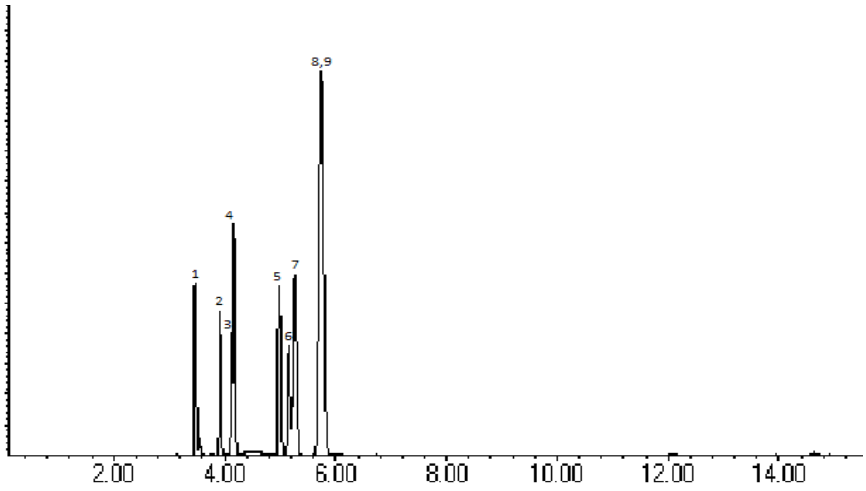
Inj. Temp:
200°C

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:

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

  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_00651

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.)

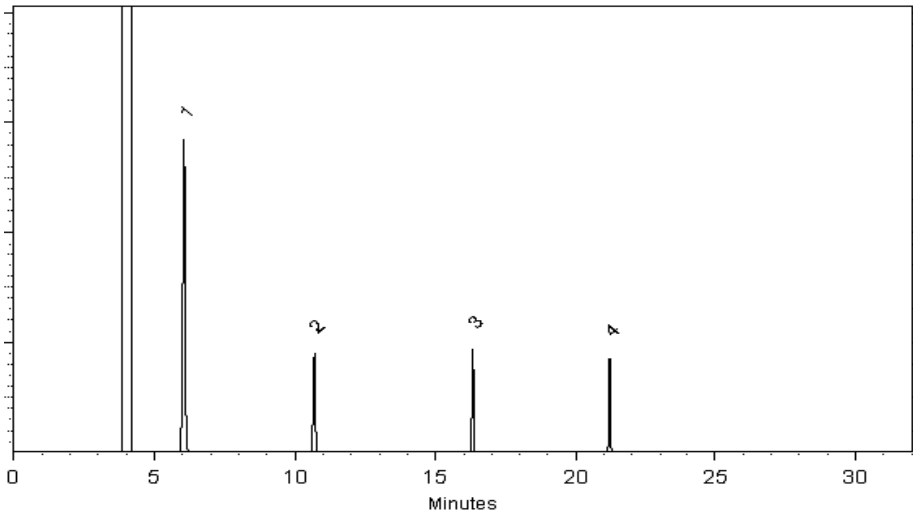
Inj. Temp:
200°C

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:

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

  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_00672

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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.)

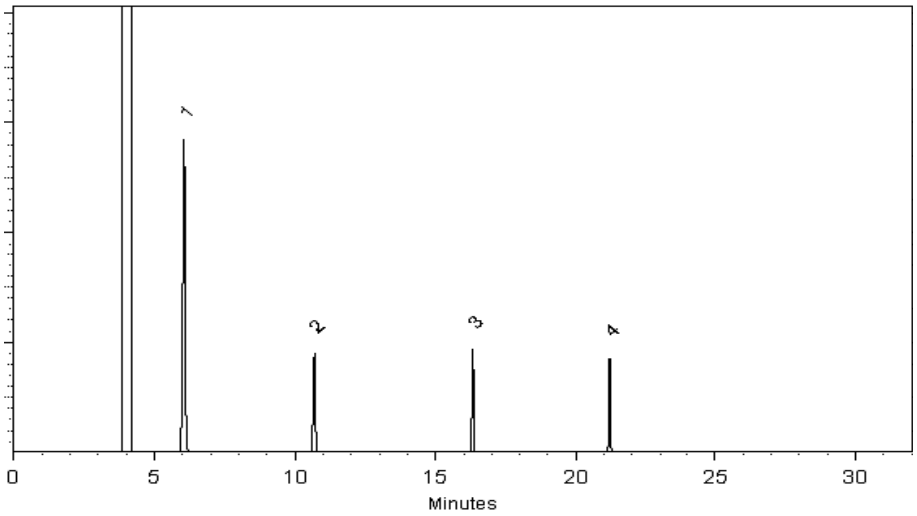
Inj. Temp:
200°C

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:

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

  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_M_MIX2SEC_00260

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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. : 577494 **Lot No.:** A0212017

Description : Custom VOC MegaMix®.SEC #2 Standard

Custom VOC MegaMix®.SEC #2 Standard 1,000-50,000µg/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	n-Pentane (C5)	109-66-0.SEC	FGH02	99%	1,010.0 µg/mL	+/- 16.5203
2	2-Propanol (isopropanol)	67-63-0.SEC	7B8ZE	99%	7,521.0 µg/mL	+/- 122.9828
3	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1.SEC	18342	99%	1,010.0 µg/mL	+/- 16.5203
4	tert-Butanol (TBA)	75-65-0.SEC	5REPK	99%	10,058.5 µg/mL	+/- 164.4758
5	Methyl acetate	79-20-9.SEC	LV27M	99%	1,005.5 µg/mL	+/- 16.4467
6	Iodomethane (methyl iodide)	74-88-4.SEC	Y25A027	99%	1,008.5 µg/mL	+/- 16.4957
7	Allyl chloride (3-chloropropene)	107-05-1.SEC	RD210329	99%	1,010.0 µg/mL	+/- 16.5203
8	Carbon disulfide	75-15-0.SEC	MKBL1376V	99%	1,005.0 µg/mL	+/- 16.4385
9	Acrylonitrile	107-13-1.SEC	V54AD	99%	5,033.0 µg/mL	+/- 82.2992
10	Methyl-tert-butyl ether (MTBE)	1634-04-4.SEC	ZHKYA	99%	1,009.0 µg/mL	+/- 16.5039
11	n-Hexane (C6)	110-54-3.SEC	10188491	99%	1,002.5 µg/mL	+/- 16.3976
12	Diisopropyl ether (DIPE)	108-20-3.SEC	LL7TN-SH	99%	1,004.0 µg/mL	+/- 16.4221
13	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S240508RSR	99%	1,004.5 µg/mL	+/- 16.4303
14	Ethyl-tert-butyl ether (ETBE)	637-92-3.SEC	UCI5B	98%	1,005.0 µg/mL	+/- 16.4383
15	Propionitrile	107-12-0.SEC	B4ZPC	99%	7,531.5 µg/mL	+/- 123.1545
16	Methacrylonitrile	126-98-7	1012014	99%	7,552.0 µg/mL	+/- 123.4897

17	Isobutanol (2-Methyl-1-propanol)	78-83-1.SEC	PH2XK	99%	25,152.5	µg/mL	+/- 411.2916
18	Tetrahydrofuran	109-99-9.SEC	3NYHE	99%	5,019.0	µg/mL	+/- 82.0703
19	Cyclohexane	110-82-7.SEC	YADRA	99%	1,005.0	µg/mL	+/- 16.4385
20	1-Butanol	71-36-3.SEC	LIE2D	99%	50,148.0	µg/mL	+/- 820.0105
21	tert-Amyl methyl ether (TAME)	994-05-8.SEC	12075100	98%	1,008.4	µg/mL	+/- 16.4944
22	n-Heptane (C7)	142-82-5.SEC	TFHUC	99%	1,003.5	µg/mL	+/- 16.4139
23	tert-Amyl ethyl ether (TAEE)	919-94-8.SEC	14406100	98%	1,008.9	µg/mL	+/- 16.5024
24	Methylcyclohexane	108-87-2.SEC	Q02QG	99%	1,006.0	µg/mL	+/- 16.4548
25	Methyl methacrylate	80-62-6.SEC	G01X021	99%	1,002.5	µg/mL	+/- 16.3976
26	1,4-Dioxane	123-91-1.SEC	QHRWO	99%	25,103.0	µg/mL	+/- 410.4822
27	2-Nitropropane	79-46-9.SEC	F43IA	99%	1,007.0	µg/mL	+/- 16.4712
28	Ethyl methacrylate	97-63-2.SEC	AQSPO	99%	1,006.5	µg/mL	+/- 16.4630
29	1-Chlorohexane	544-10-5.SEC	14420900	99%	1,002.0	µg/mL	+/- 16.3894
30	trans-1,4-Dichloro-2-butene	110-57-6.SEC	RD240522S	97%	5,007.6	µg/mL	+/- 81.8843
31	1,2,3-Trimethylbenzene	526-73-8.SEC	12203300	99%	1,008.0	µg/mL	+/- 16.4876
32	1,3-Diethylbenzene	141-93-5.SEC	113566-1	99%	1,006.5	µg/mL	+/- 16.4630
33	Benzyl chloride	100-44-7.SEC	H29N03	99%	1,003.5	µg/mL	+/- 16.4139
34	1,4-Diethylbenzene	105-05-5.SEC	FBQ02	98%	1,007.9	µg/mL	+/- 16.4864
35	1,2-Diethylbenzene	135-01-3.SEC	BCBF3667V	99%	1,005.5	µg/mL	+/- 16.4467
36	1,3,5-Trichlorobenzene	108-70-3.SEC	I28U021	99%	1,002.0	µg/mL	+/- 16.3894
37	2-Methylnaphthalene	91-57-6.SEC	76023-1	99%	1,002.5	µg/mL	+/- 16.3976

* 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 pressure 30 psi

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

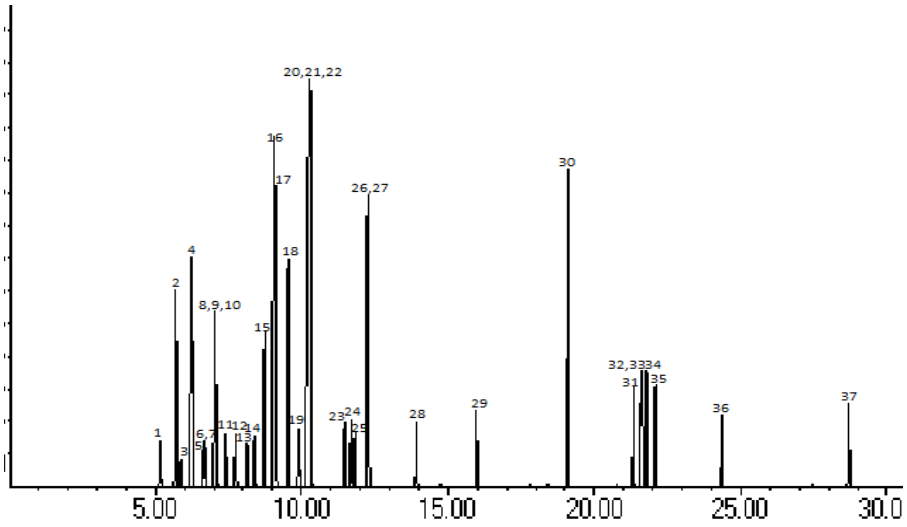
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
25.0 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.

Malina Homan - Operations Technician I

Date Mixed: 24-May-2024 **Balance Serial #** 1127510105

Dillan Murphy - Operations Technician I

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:

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

  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_MegaMIX#1_00229

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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. : 577486 **Lot No.:** A0211483

Description : Custom VOC MegaMix® #1 Standard

Custom VOC MegaMix® #1 Standard 5,000µg/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	1,1-dichloroethene	75-35-4	SHBG8609V	99%	5,038.8 µg/mL	+/- 283.8004
2	Methylene chloride (dichloromethane)	75-09-2	231383	99%	5,013.9 µg/mL	+/- 282.3994
3	trans-1,2-Dichloroethene	156-60-5	MKCP9516	99%	5,020.8 µg/mL	+/- 282.7901
4	1,1-Dichloroethane	75-34-3	852900	99%	5,007.1 µg/mL	+/- 282.0157
5	2,2-Dichloropropane	594-20-7	RP231114CTH	99%	5,045.8 µg/mL	+/- 284.2162
6	cis-1,2-Dichloroethene	156-59-2	MKCP7830	99%	5,049.3 µg/mL	+/- 284.4180
7	chloroform	67-66-3	SHBN8469	99%	5,032.5 µg/mL	+/- 283.4484
8	Bromochloromethane	74-97-5	S231117RSR	99%	5,043.2 µg/mL	+/- 284.0707
9	1,1,1-trichloroethane	71-55-6	RD230728RSR	99%	5,043.7 µg/mL	+/- 284.0785
10	1,1-Dichloropropene	563-58-6	S240215ECS	99%	5,045.2 µg/mL	+/- 284.1833
11	carbon tetrachloride	56-23-5	SHBP4875	99%	5,042.8 µg/mL	+/- 284.0292
12	1,2-Dichloroethane	107-06-2	SHBQ5408	99%	5,007.8 µg/mL	+/- 282.0579
13	Benzene	71-43-2	MKCS3357	99%	5,011.2 µg/mL	+/- 282.2682
14	Trichloroethene	79-01-6	SHBQ6161	99%	5,019.9 µg/mL	+/- 282.7408
15	1,2-Dichloropropane	78-87-5	BCBR0882V	99%	5,041.1 µg/mL	+/- 283.9307
16	bromodichloromethane	75-27-4	MKCF8470	99%	5,014.1 µg/mL	+/- 282.4134

17	Dibromomethane	74-95-3	107151T06C	99%	5,019.6	µg/mL	+/- 282.7423
18	cis-1,3-Dichloropropene	10061-01-5	RP231025CTH	99%	5,036.1	µg/mL	+/- 283.6490
19	Toluene	108-88-3	MKCS9989	99%	5,027.9	µg/mL	+/- 283.2117
20	trans-1,3-Dichloropropene	10061-02-6	RP231025CTH-1	98%	5,002.6	µg/mL	+/- 281.7640
21	1,1,2-Trichloroethane	79-00-5	FGB01	99%	5,010.4	µg/mL	+/- 282.2022
22	1,3-Dichloropropane	142-28-9	BCCH5357	99%	5,043.1	µg/mL	+/- 284.0660
23	Tetrachloroethene	127-18-4	SHBQ0051	99%	5,014.8	µg/mL	+/- 282.4522
24	dibromochloromethane	124-48-1	MKCT4871	99%	5,042.3	µg/mL	+/- 283.9976
25	1,2-Dibromoethane (EDB)	106-93-4	BCCH7113	99%	5,041.7	µg/mL	+/- 283.9862
26	Chlorobenzene	108-90-7	SHBN6640	99%	5,013.3	µg/mL	+/- 282.3642
27	1,1,1,2-Tetrachloroethane	630-20-6	TMWGK	99%	5,025.2	µg/mL	+/- 283.0568
28	Ethylbenzene	100-41-4	094632T20F	99%	5,042.0	µg/mL	+/- 284.0050
29	m-Xylene	108-38-3	SHBN6673	99%	5,042.2	µg/mL	+/- 284.0143
30	p-Xylene	106-42-3	SHBP5191	99%	5,038.1	µg/mL	+/- 283.7843
31	o-Xylene	95-47-6	50069309	99%	5,047.2	µg/mL	+/- 284.2960
32	Styrene	100-42-5	MKCQ3390	99%	5,038.9	µg/mL	+/- 283.8313
33	Isopropylbenzene (cumene)	98-82-8	Z20D022	99%	5,022.8	µg/mL	+/- 282.9253
34	bromoform	75-25-2	050494L04R	99%	5,036.9	µg/mL	+/- 283.6948
35	1,1,2,2-Tetrachloroethane	79-34-5	QQJ4I	99%	5,032.5	µg/mL	+/- 283.4484
36	1,2,3-Trichloropropane	96-18-4	Q91-34	98%	5,042.7	µg/mL	+/- 284.0428
37	n-Propylbenzene	103-65-1	095067T18C	99%	5,028.8	µg/mL	+/- 283.2586
38	Bromobenzene	108-86-1	MKCQ7174	99%	5,026.8	µg/mL	+/- 283.1460
39	1,3,5-Trimethylbenzene	108-67-8	BCCH6852	99%	5,023.1	µg/mL	+/- 282.9394
40	2-Chlorotoluene	95-49-8	235783M23T	99%	5,028.7	µg/mL	+/- 283.2539
41	4-Chlorotoluene	106-43-4	BCCG9286	99%	5,043.9	µg/mL	+/- 284.1129
42	tert-Butylbenzene	98-06-6	STBJ1937	99%	5,047.3	µg/mL	+/- 284.3054
43	1,2,4-Trimethylbenzene	95-63-6	MKCS3775	99%	5,046.3	µg/mL	+/- 284.2490
44	sec-Butylbenzene	135-98-8	MKCP2266	99%	5,044.3	µg/mL	+/- 284.1364
45	p-Isopropyltoluene (p-Cymene)	99-87-6	MKCS1827	99%	5,035.8	µg/mL	+/- 283.6576
46	1,3-Dichlorobenzene	541-73-1	BCCD5315	99%	5,034.6	µg/mL	+/- 283.5646
47	1,4-Dichlorobenzene	106-46-7	MKBS7929V	99%	5,015.5	µg/mL	+/- 282.4909
48	n-Butylbenzene	104-51-8	09418JJ	99%	5,034.7	µg/mL	+/- 283.5919
49	1,2-Dichlorobenzene	95-50-1	SHBL6287	99%	5,012.9	µg/mL	+/- 282.3466
50	1,2-Dibromo-3-chloropropane	96-12-8	HBMVB	97%	5,029.4	µg/mL	+/- 283.2935
51	1,2,4-Trichlorobenzene	120-82-1	SHBP5900	99%	5,042.1	µg/mL	+/- 284.0096
52	Hexachlorobutadiene	87-68-3	X05J	99%	5,023.4	µg/mL	+/- 282.9582

53	Naphthalene	91-20-3	STBL1057	99%	5,008.3	µg/mL	+/- 282.1039
54	1,2,3-Trichlorobenzene	87-61-6	MKBX7627V	99%	5,037.8	µg/mL	+/- 283.7656

* 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.)

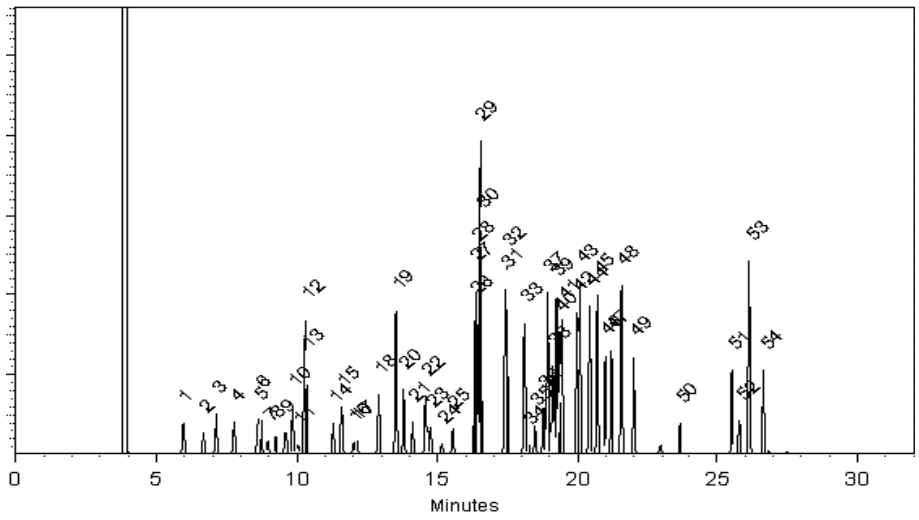
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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.

Russ Bookhamer - Operations Technician I

Date Mixed: 15-May-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 17-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:

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

  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_MegaMix#2_00226

RESTEK
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

ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

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. : 577487 **Lot No.:** A0212010

Description : Custom VOC MegaMix® #2 Standard

Custom VOC MegaMix® #2 Standard 5000-62500µg/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	n-Pentane (C5)	109-66-0	STBK5006	99%	5,041.0 µg/mL	+/- 84.9562
2	2-Propanol (isopropanol)	67-63-0	SHBR1699	99%	25,199.0 µg/mL	+/- 412.0520
3	1,1,2-Trichlorotrifluoroethane (CFC-113)	76-13-1	00009482	99%	5,039.2 µg/mL	+/- 84.9253
4	tert-Butanol (TBA)	75-65-0	SHBQ8002	99%	25,207.0 µg/mL	+/- 412.1828
5	Methyl acetate	79-20-9	SHBP3100	99%	5,037.0 µg/mL	+/- 84.8888
6	Iodomethane (methyl iodide)	74-88-4	RD240405RSR	99%	5,048.3 µg/mL	+/- 85.0798
7	Allyl chloride (3-chloropropene)	107-05-1	RD240221ECS	99%	5,046.7 µg/mL	+/- 85.0517
8	Carbon disulfide	75-15-0	Q30J743	99%	5,036.0 µg/mL	+/- 84.8719
9	Acrylonitrile	107-13-1	MKCN8129	99%	12,598.0 µg/mL	+/- 206.0015
10	Methyl-tert-butyl ether (MTBE)	1634-04-4	SHBQ4873	99%	5,040.7 µg/mL	+/- 84.9506
11	n-Hexane (C6)	110-54-3	102412P22T	99%	5,042.5 µg/mL	+/- 84.9815
12	Diisopropyl ether (DIPE)	108-20-3	STBK8028	99%	5,042.7 µg/mL	+/- 84.9843
13	Chloroprene (2-chloro-1,3-butadiene)	126-99-8	S240508RSR	99%	5,049.7 µg/mL	+/- 85.1023
14	Ethyl-tert-butyl ether (ETBE)	637-92-3	MKCT4522	98%	5,049.9 µg/mL	+/- 85.1069
15	Propionitrile	107-12-0	BCCH7430	99%	25,211.0 µg/mL	+/- 412.2482
16	Methacrylonitrile	126-98-7	1012014	99%	12,613.0 µg/mL	+/- 206.2467

17	Isobutanol (2-Methyl-1-propanol)	78-83-1	SHBR1206	99%	63,123.0	µg/mL	+/-	1,032.1821
18	Tetrahydrofuran	109-99-9	SHBQ8516	99%	25,247.0	µg/mL	+/-	412.8369
19	Cyclohexane	110-82-7	MKCS9749	99%	5,046.2	µg/mL	+/-	85.0433
20	1-Butanol	71-36-3	101601K21K	99%	63,110.0	µg/mL	+/-	1,031.9695
21	tert-Amyl methyl ether (TAME)	994-05-8	HMBJ0825	99%	5,038.5	µg/mL	+/-	84.9141
22	n-Heptane (C7)	142-82-5	044743T03G	99%	5,049.2	µg/mL	+/-	85.0938
23	tert-Amyl ethyl ether (TAEE)	919-94-8	IKVYB	97%	5,038.8	µg/mL	+/-	84.9196
24	Methylcyclohexane	108-87-2	SHBN1699	99%	5,044.8	µg/mL	+/-	85.0208
25	Methyl methacrylate	80-62-6	MKCQ2756	99%	5,048.0	µg/mL	+/-	85.0742
26	1,4-Dioxane	123-91-1	SHBQ2407	99%	63,103.0	µg/mL	+/-	1,031.8550
27	2-Nitropropane	79-46-9	BCCB9352	97%	25,238.4	µg/mL	+/-	412.6967
28	Ethyl methacrylate	97-63-2	MKCN6206	97%	5,046.9	µg/mL	+/-	85.0558
29	1-Chlorohexane	544-10-5	BCBS3368V	99%	5,044.5	µg/mL	+/-	85.0152
30	trans-1,4-dichloro-2-butene	110-57-6	RP240130CTH	98%	12,602.8	µg/mL	+/-	206.0799
31	1,2,3-Trimethylbenzene	526-73-8	8776.10-38	99%	5,043.7	µg/mL	+/-	85.0012
32	1,3-Diethylbenzene	141-93-5	BCBZ6270	99%	5,048.3	µg/mL	+/-	85.0798
33	Benzyl chloride	100-44-7	MKCM5986	99%	5,039.8	µg/mL	+/-	84.9365
34	1,4-Diethylbenzene	105-05-5	1135.72-1	99%	5,048.2	µg/mL	+/-	85.0770
35	1,2-Diethylbenzene	135-01-3	BCCG9282	99%	5,049.3	µg/mL	+/-	85.0967
36	1,3,5-Trichlorobenzene	108-70-3	11319AS	99%	5,046.3	µg/mL	+/-	85.0461
37	2-Methylnaphthalene	91-57-6	STBL3028	99%	5,045.0	µg/mL	+/-	85.0236

* 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 pressure 30 psi

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

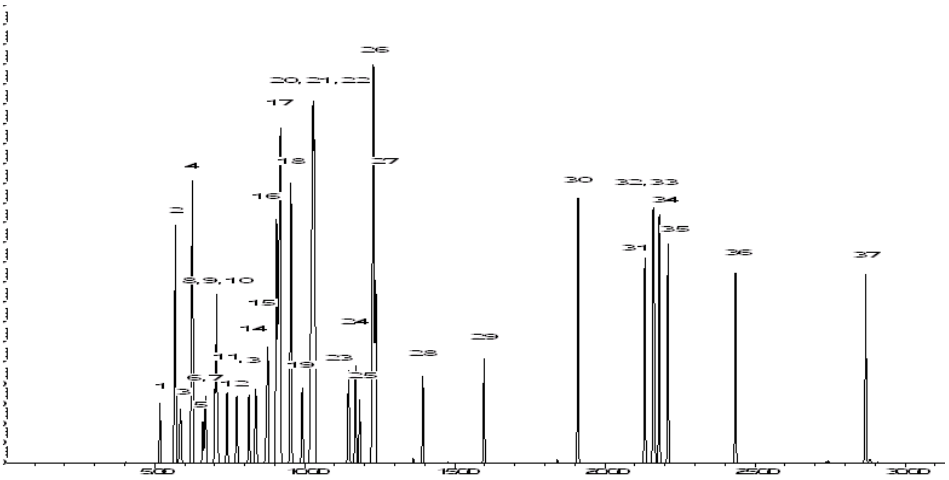
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
25.0 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.

Brittany Federinko - Operations Tech I

Date Mixed: 24-May-2024 **Balance Serial #** B251644995

Marlina Cowan -- Operations Tech II ARM QC

Date Passed: 30-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:

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

  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_Q_Ketones_00260

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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. : 569721.SEC **Lot No.:** A0209876

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

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

Expiration Date : April 30, 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	Acetone	67-64-1.SEC	U19I024	99%	12,580.0 µg/mL	+/- 434.7940
2	2-Butanone (MEK)	78-93-3.SEC	HDLUO	99%	12,611.6 µg/mL	+/- 435.8862
3	4-Methyl-2-pentanone (MIBK)	108-10-1.SEC	E29T040	99%	12,576.4 µg/mL	+/- 434.6696
4	2-Hexanone	591-78-6.SEC	NXXXA	99%	12,574.8 µg/mL	+/- 434.6143

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

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
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.)

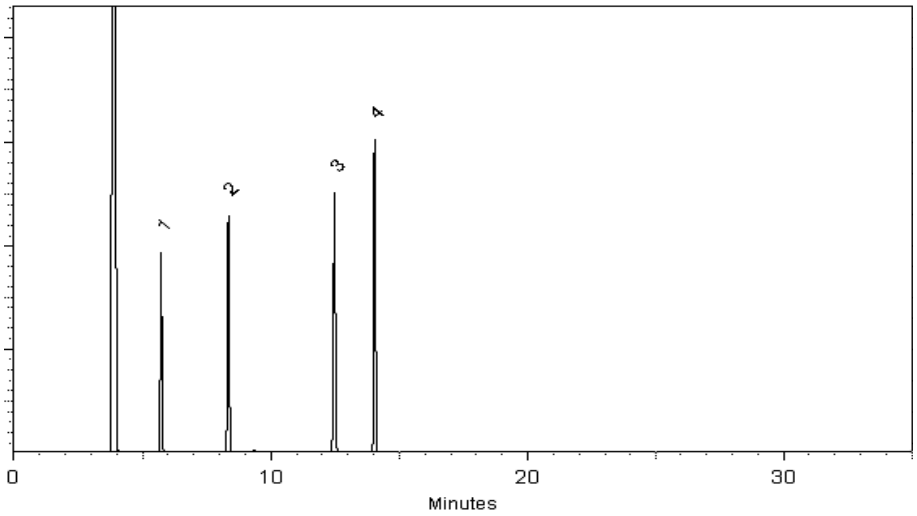
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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.

Ethan Winiarski - Operations Tech I

Date Mixed: 05-Apr-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 09-Apr-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:

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

  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_QC_2K_GAS_00293

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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.

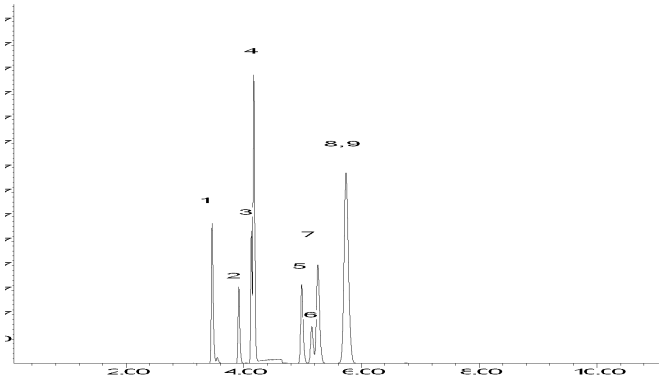
Inj. Temp:
200°C

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:

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

  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_2CLEVE_00230

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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. : 577492 **Lot No.:** A0211425

Description : Custom 2-CEVE Standard

Custom 2-CEVE Standard 5,000µg/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	2-Chloroethyl vinyl ether	110-75-8	MKBS6526V	99%	5,044.0 µg/mL	+/- 62.7735

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

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

Tech Tips:
Degradation of tetrachloroethylene to pentachloroethane may occur if solutions containing 2-chloroethyl vinyl ether are combined with solutions that contain tetrachloroethylene.

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.)

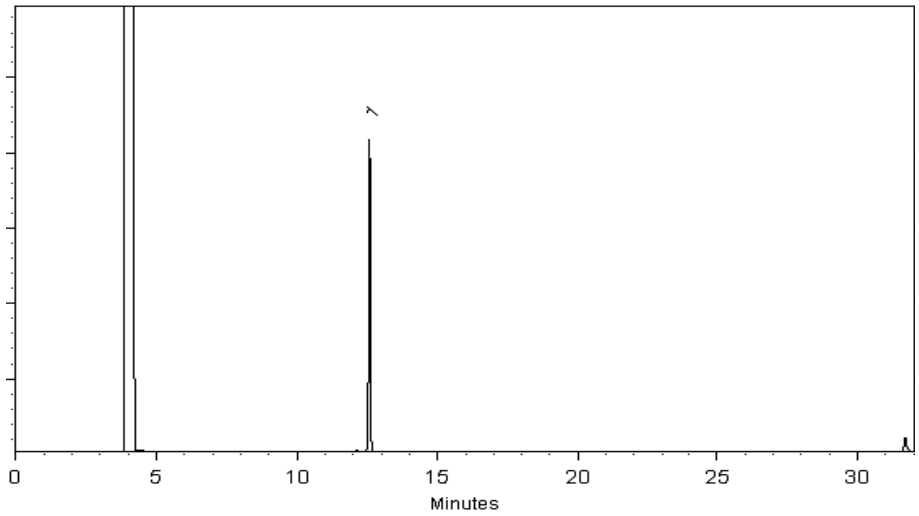
Inj. Temp:
200°C

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: 14-May-2024 **Balance Serial #** B442140311

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 16-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:

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

  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_Ketones_00228

RESTEK
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

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

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. : 569721 **Lot No.:** A0210935

Description : 8260 List 1/ Std #2 Ketones (2015)

8260 List 1/ Std #2 Ketones (2015) 12,500µg/mL, P&T Methanol/Water (90:10), 1mL/ampul

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

Expiration Date : April 30, 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	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

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

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
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.)

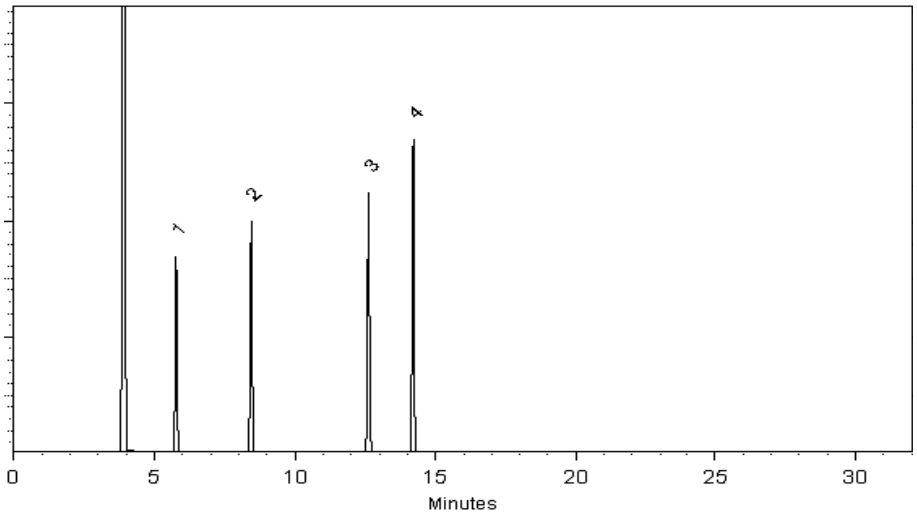
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
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.

Stacey Wanner - Operations Technician I

Date Mixed: 30-Apr-2024 **Balance Serial #** B707717271

Dillan Murphy - Operations Technician I

Date Passed: 02-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:

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

  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.

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.: 410-214588-1

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-166-0/1-0	410-214588-1	98	100	96	103
HD-MW-167-0/1-0	410-214588-2	98	101	97	103
HD-MW-168-0/1-0	410-214588-3	97	100	98	101
	MB 410-627642/8	97	99	97	102
	LCS 410-627642/4	97	98	101	102
	LCSD 410-627642/5	97	102	101	101

	QC LIMITS
DBFM = Dibromofluoromethane (Surr)	80-120
DCA = 1,2-Dichloroethane-d4 (Surr)	80-120
TOL = Toluene-d8 (Surr)	80-120
BFB = 4-Bromofluorobenzene (Surr)	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.: 410-214588-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FA08X03.D

Lab ID: LCS 410-627642/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	19.9	100	79-120	
1,1,1-Trichloroethane	20.0	19.9	99	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	72-120	
1,1,2-Trichloroethane	20.0	20.2	101	80-120	
1,1-Dichloroethane	20.0	20.2	101	80-120	
1,1-Dichloroethene	20.0	22.8	114	80-131	
1,2-Dibromoethane (EDB)	20.0	19.7	99	77-120	
1,2-Dichloroethane	20.0	19.8	99	73-124	
1,2-Dichloropropane	20.0	19.6	98	80-120	
2-Butanone (MEK)	250	261	104	59-135	
2-Hexanone	250	265	106	56-135	
4-Methyl-2-pentanone (MIBK)	250	252	101	62-133	
Acetone	250	237	95	57-143	
Benzene	20.0	20.1	100	80-120	
Bromochloromethane	20.0	19.1	96	80-120	
Bromodichloromethane	20.0	19.1	95	71-120	
Bromoform	20.0	18.3	92	51-120	
Bromomethane	20.0	18.2	91	53-128	
Carbon disulfide	20.0	19.7	99	65-128	
Carbon tetrachloride	20.0	19.0	95	64-134	
Chlorobenzene	20.0	20.2	101	80-120	
Chloroethane	20.0	18.7	94	55-123	
Chloroform	20.0	19.5	97	80-120	
Chloromethane	20.0	20.0	100	39-134	
cis-1,2-Dichloroethene	20.0	19.3	96	80-125	
cis-1,3-Dichloropropene	20.0	18.0	90	75-120	
Dibromochloromethane	20.0	18.4	92	71-120	
Ethylbenzene	20.0	20.4	102	80-120	
Methyl tert-butyl ether	20.0	18.9	95	69-122	
Methylene Chloride	20.0	20.3	102	80-120	
Styrene	20.0	20.3	102	80-120	
Tetrachloroethene	20.0	20.4	102	80-120	
Toluene	20.0	20.1	101	80-120	
trans-1,2-Dichloroethene	20.0	20.6	103	80-126	
trans-1,3-Dichloropropene	20.0	19.0	95	67-120	
Trichloroethene	20.0	20.2	101	80-120	
Vinyl chloride	20.0	19.1	96	56-120	
Xylenes, Total	60.0	60.6	101	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FA08X04.D

Lab ID: LCSD 410-627642/5 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCSD CONCENTRATION (ug/L)	LCSD % REC	% RPD	QC LIMITS RPD	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	19.9	99	0	30	79-120	
1,1,1-Trichloroethane	20.0	19.9	100	0	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.3	102	2	30	72-120	
1,1,2-Trichloroethane	20.0	20.0	100	1	30	80-120	
1,1-Dichloroethane	20.0	20.1	100	1	30	80-120	
1,1-Dichloroethene	20.0	22.7	114	0	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.7	99	0	30	77-120	
1,2-Dichloroethane	20.0	19.7	98	0	30	73-124	
1,2-Dichloropropane	20.0	19.6	98	0	30	80-120	
2-Butanone (MEK)	250	258	103	1	30	59-135	
2-Hexanone	250	255	102	4	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	248	99	1	30	62-133	
Acetone	250	258	103	8	30	57-143	
Benzene	20.0	19.8	99	1	30	80-120	
Bromochloromethane	20.0	19.1	95	0	30	80-120	
Bromodichloromethane	20.0	18.8	94	2	30	71-120	
Bromoform	20.0	17.6	88	4	30	51-120	
Bromomethane	20.0	18.5	93	1	30	53-128	
Carbon disulfide	20.0	19.0	95	4	30	65-128	
Carbon tetrachloride	20.0	18.6	93	2	30	64-134	
Chlorobenzene	20.0	19.7	99	3	30	80-120	
Chloroethane	20.0	18.9	95	1	30	55-123	
Chloroform	20.0	19.3	97	1	30	80-120	
Chloromethane	20.0	20.2	101	1	30	39-134	
cis-1,2-Dichloroethene	20.0	19.2	96	1	30	80-125	
cis-1,3-Dichloropropene	20.0	17.5	88	3	30	75-120	
Dibromochloromethane	20.0	17.8	89	3	30	71-120	
Ethylbenzene	20.0	20.3	101	1	30	80-120	
Methyl tert-butyl ether	20.0	19.0	95	0	30	69-122	
Methylene Chloride	20.0	20.3	101	0	30	80-120	
Styrene	20.0	20.2	101	1	30	80-120	
Tetrachloroethene	20.0	19.8	99	3	30	80-120	
Toluene	20.0	19.7	99	2	30	80-120	
trans-1,2-Dichloroethene	20.0	20.1	100	2	30	80-126	
trans-1,3-Dichloropropene	20.0	18.3	92	4	30	67-120	
Trichloroethene	20.0	19.8	99	2	30	80-120	
Vinyl chloride	20.0	19.4	97	1	30	56-120	
Xylenes, Total	60.0	60.2	100	1	30	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab File ID: FA08X07.D Lab Sample ID: MB 410-627642/8

Matrix: Water Heated Purge:(Y/N) N

Instrument ID: 15830 Date Analyzed: 04/08/2025 12:15

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 410-627642/4	FA08X03.D	04/08/2025 10:57
	LCSD 410-627642/5	FA08X04.D	04/08/2025 11:17
HD-MW-166-0/1-0	410-214588-1	FA08X21.D	04/08/2025 16:47
HD-MW-167-0/1-0	410-214588-2	FA08X22.D	04/08/2025 17:06
HD-MW-168-0/1-0	410-214588-3	FA08X23.D	04/08/2025 17:25

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab File ID: FA07T01.D BFB Injection Date: 04/07/2025

Instrument ID: 15830 BFB Injection Time: 14:11

Analysis Batch No.: 627062

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.9	
75	30.0 - 60.0 % of mass 95	50.2	
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	0.7	(0.9) 1
174	Greater than 50% of mass 95	82.3	
175	5.0 - 9.0 % of mass 174	6.1	(7.4) 1
176	95.0 - 101.0 % of mass 174	80.0	(97.2) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.5) 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 410-627062/4	FA07X03.D	04/07/2025	15:24
	IC 410-627062/5	FA07X04.D	04/07/2025	15:43
	IC 410-627062/6	FA07X05.D	04/07/2025	16:02
	IC 410-627062/7	FA07X06.D	04/07/2025	16:22
	ICIS 410-627062/8	FA07X07.D	04/07/2025	16:41
	IC 410-627062/9	FA07X08.D	04/07/2025	17:00
	IC 410-627062/10	FA07X09.D	04/07/2025	17:19
	ICV 410-627062/12	FA07X11.D	04/07/2025	17:58

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab File ID: FA08T01.D BFB Injection Date: 04/08/2025

Instrument ID: 15830 BFB Injection Time: 10:06

Analysis Batch No.: 627642

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.5	
75	30.0 - 60.0 % of mass 95	48.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.4	
173	Less than 2.0 % of mass 174	0.7	(0.9) 1
174	Greater than 50% of mass 95	79.7	
175	5.0 - 9.0 % of mass 174	6.4	(8.0) 1
176	95.0 - 101.0 % of mass 174	77.3	(96.9) 1
177	5.0 - 9.0 % of mass 176	4.9	(6.3) 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 410-627642/3	FA08X02.D	04/08/2025	10:38
	LCS 410-627642/4	FA08X03.D	04/08/2025	10:57
	LCSD 410-627642/5	FA08X04.D	04/08/2025	11:17
	MB 410-627642/8	FA08X07.D	04/08/2025	12:15
HD-MW-166-0/1-0	410-214588-1	FA08X21.D	04/08/2025	16:47
HD-MW-167-0/1-0	410-214588-2	FA08X22.D	04/08/2025	17:06
HD-MW-168-0/1-0	410-214588-3	FA08X23.D	04/08/2025	17:25

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Sample No.: ICIS 410-627062/8 Date Analyzed: 04/07/2025 16:41

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): FA07X07.D Heated Purge: (Y/N) N

Calibration ID: 71472

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		857202	2.28	1288050	4.10	858367	6.48
UPPER LIMIT		1714404	2.78	2576100	4.60	1716734	6.98
LOWER LIMIT		428601	1.78	644025	3.60	429184	5.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-627062/12		786946	2.20	1257985	4.10	833319	6.48
CCVIS 410-627642/3		845936	2.27	1304392	4.10	832312	6.48

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 Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Sample No.: ICIS 410-627062/8 Date Analyzed: 04/07/2025 16:41

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): FA07X07.D Heated Purge: (Y/N) N

Calibration ID: 71472

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		519778	7.86				
UPPER LIMIT		1039556	8.36				
LOWER LIMIT		259889	7.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-627062/12		522117	7.86				
CCVIS 410-627642/3		496233	7.87				

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 Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Sample No.: CCVIS 410-627642/3 Date Analyzed: 04/08/2025 10:38

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): FA08X02.D Heated Purge: (Y/N) N

Calibration ID: 71472

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		845936	2.27	1304392	4.10	832312	6.48
UPPER LIMIT		1691872	2.77	2608784	4.60	1664624	6.98
LOWER LIMIT		422968	1.77	652196	3.60	416156	5.98
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-627642/4		802434	2.21	1311359	4.10	846387	6.48
LCSD 410-627642/5		769663	2.21	1267066	4.10	812472	6.48
MB 410-627642/8		801400	2.28	1260045	4.10	836116	6.48
410-214588-1	HD-MW-166-0/1-0	780442	2.20	1225269	4.09	821859	6.48
410-214588-2	HD-MW-167-0/1-0	751909	2.20	1216750	4.08	806443	6.48
410-214588-3	HD-MW-168-0/1-0	771279	2.20	1228723	4.10	811059	6.48

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 Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Sample No.: CCVIS 410-627642/3 Date Analyzed: 04/08/2025 10:38

Instrument ID: 15830 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): FA08X02.D Heated Purge: (Y/N) N

Calibration ID: 71472

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		496233	7.87				
UPPER LIMIT		992466	8.37				
LOWER LIMIT		248117	7.37				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-627642/4		512132	7.86				
LCSD 410-627642/5		503550	7.86				
MB 410-627642/8		521115	7.86				
410-214588-1	HD-MW-166-0/1-0	526085	7.87				
410-214588-2	HD-MW-167-0/1-0	508587	7.86				
410-214588-3	HD-MW-168-0/1-0	507955	7.87				

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 I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-214588-1

Matrix: Water
Lab File ID: FA08X21.D

Analysis Method: 8260D
Date Collected: 03/27/2025 13:45

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 16:47

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.: 627642
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	0.50
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	0.55	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	0.74	J	1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-214588-1

Matrix: Water
Lab File ID: FA08X21.D

Analysis Method: 8260D
Date Collected: 03/27/2025 13:45

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 16:47

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.: 627642
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	0.56	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)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		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\20250408-143360.b\FA08X21.D
Lims ID: 410-214588-A-1
Client ID: HD-MW-166-0/1-0
Sample Type: Client
Inject. Date: 08-Apr-2025 16:47:10 ALS Bottle#: 71 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-022
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 09-Apr-2025 08:32:30 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: N9NA Date: 09-Apr-2025 08:32:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Chloromethane	50		1.124				ND	
4 Vinyl chloride	62		1.178				ND	
5 Bromomethane	94		1.365				ND	
6 Chloroethane	64		1.375				ND	
12 1,1-Dichloroethene	96		1.805				ND	
13 Acetone	58		1.841				ND	
17 Carbon disulfide	76		2.014				ND	7
20 Methylene Chloride	84		2.178				ND	
* 21 t-Butyl alcohol-d10 (IS)	65	2.198	2.207	-0.009	51	780442	250.0	
24 trans-1,2-Dichloroethene	96		2.378				ND	
25 Methyl tert-butyl ether	73		2.404				ND	
27 1,1-Dichloroethane	63		2.715				ND	
31 2-Butanone (MEK)	43		3.140				ND	7
32 cis-1,2-Dichloroethene	96		3.172				ND	
36 Chlorobromomethane	128		3.355				ND	
39 Chloroform	83	3.439	3.449	-0.009	93	6617	0.5548	
$ 40 Dibromofluoromethane (Surr)	113	3.568	3.571	-0.003	93	337223	48.9	
41 1,1,1-Trichloroethane	97		3.574				ND	
44 Carbon tetrachloride	117		3.690				ND	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.831	3.838	-0.007	47	82497	49.9	
47 Benzene	78		3.850				ND	7
48 1,2-Dichloroethane	62		3.899				ND	7
* 50 Fluorobenzene (IS)	96	4.092	4.101	-0.009	99	1225269	50.0	
53 Trichloroethene	95	4.391	4.387	0.004	92	3551	0.5578	
55 1,2-Dichloropropane	63		4.600				ND	
60 Dichlorobromomethane	83		4.834				ND	
63 cis-1,3-Dichloropropene	75		5.198				ND	
64 4-Methyl-2-pentanone (MIBK)	43		5.346				ND	7
$ 65 Toluene-d8 (Surr)	98	5.416	5.419	-0.003	93	1043186	47.8	
66 Toluene	92		5.474				ND	
67 trans-1,3-Dichloropropene	75		5.680				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.828				ND	
70 Tetrachloroethene	166	5.876	5.873	0.003	94	4409	0.7430	
72 2-Hexanone	43		5.998				ND	7
73 Chlorodibromomethane	129		6.091				ND	
75 Ethylene Dibromide	107		6.162				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.484	-0.003	85	821859	50.0	
77 Chlorobenzene	112		6.500				ND	
79 1,1,1,2-Tetrachloroethane	131		6.571				ND	
80 Ethylbenzene	91		6.574				ND	7
81 m-Xylene & p-Xylene	106		6.661				ND	
82 o-Xylene	106		6.899				ND	
83 Styrene	104		6.908				ND	
84 Bromoform	173		7.011				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	454687	51.5	
88 1,1,2,2-Tetrachloroethane	83		7.307				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.866	7.863	0.003	95	526085	50.0	
S 140 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

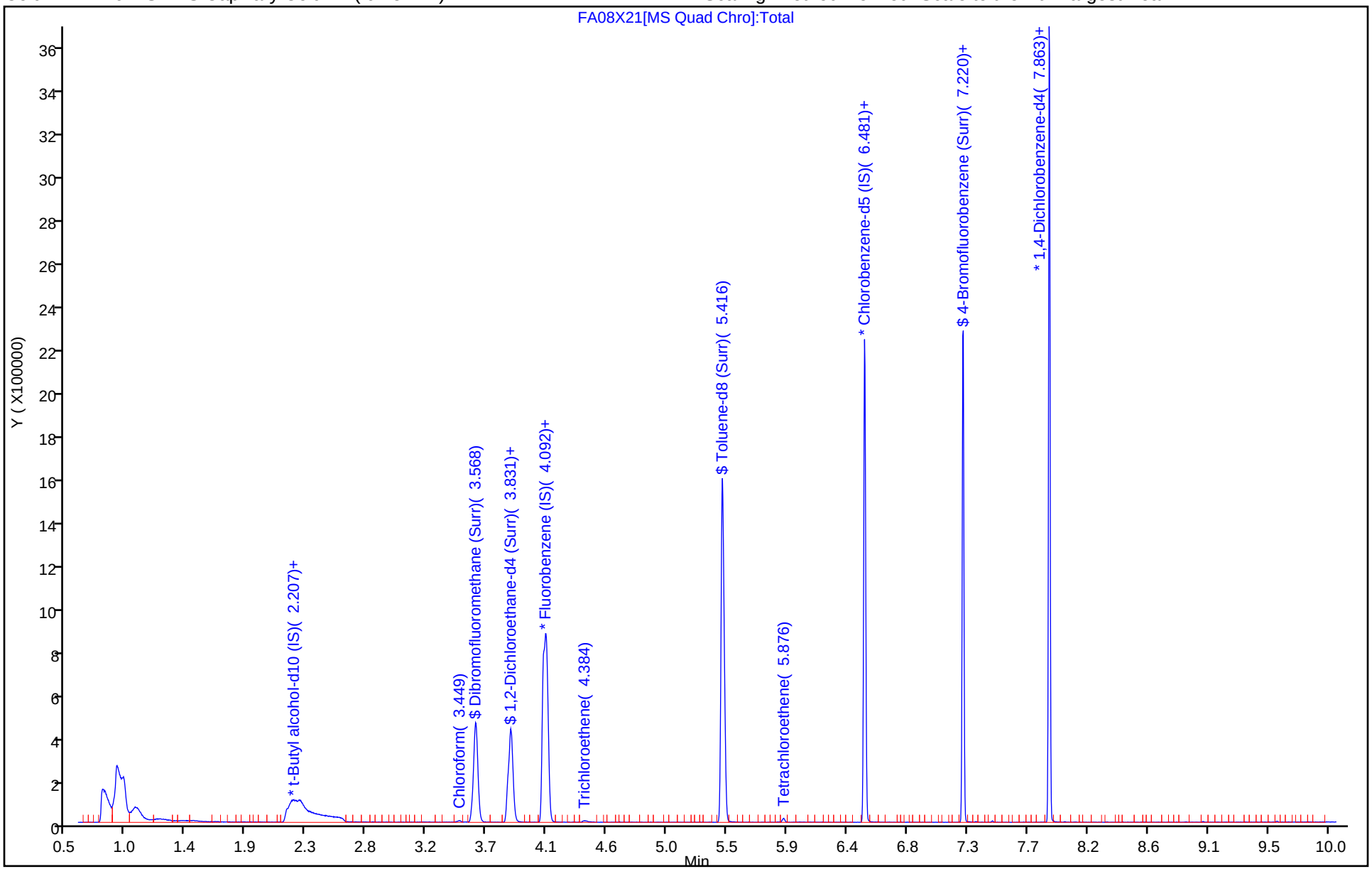
Report Date: 09-Apr-2025 08:32:54 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X21.D

Injection Date:	08-Apr-2025 16:47:10	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	410-214588-A-1	Lab Sample ID:	410-214588-1	Worklist Smp#:	22
Client ID:	HD-MW-166-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	71
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\20250408-143360.b\FA08X21.D
Lims ID: 410-214588-A-1
Client ID: HD-MW-166-0/1-0
Sample Type: Client
Inject. Date: 08-Apr-2025 16:47:10 ALS Bottle#: 71 Worklist Smp#: 22
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-022
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 09-Apr-2025 08:32:30 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1683

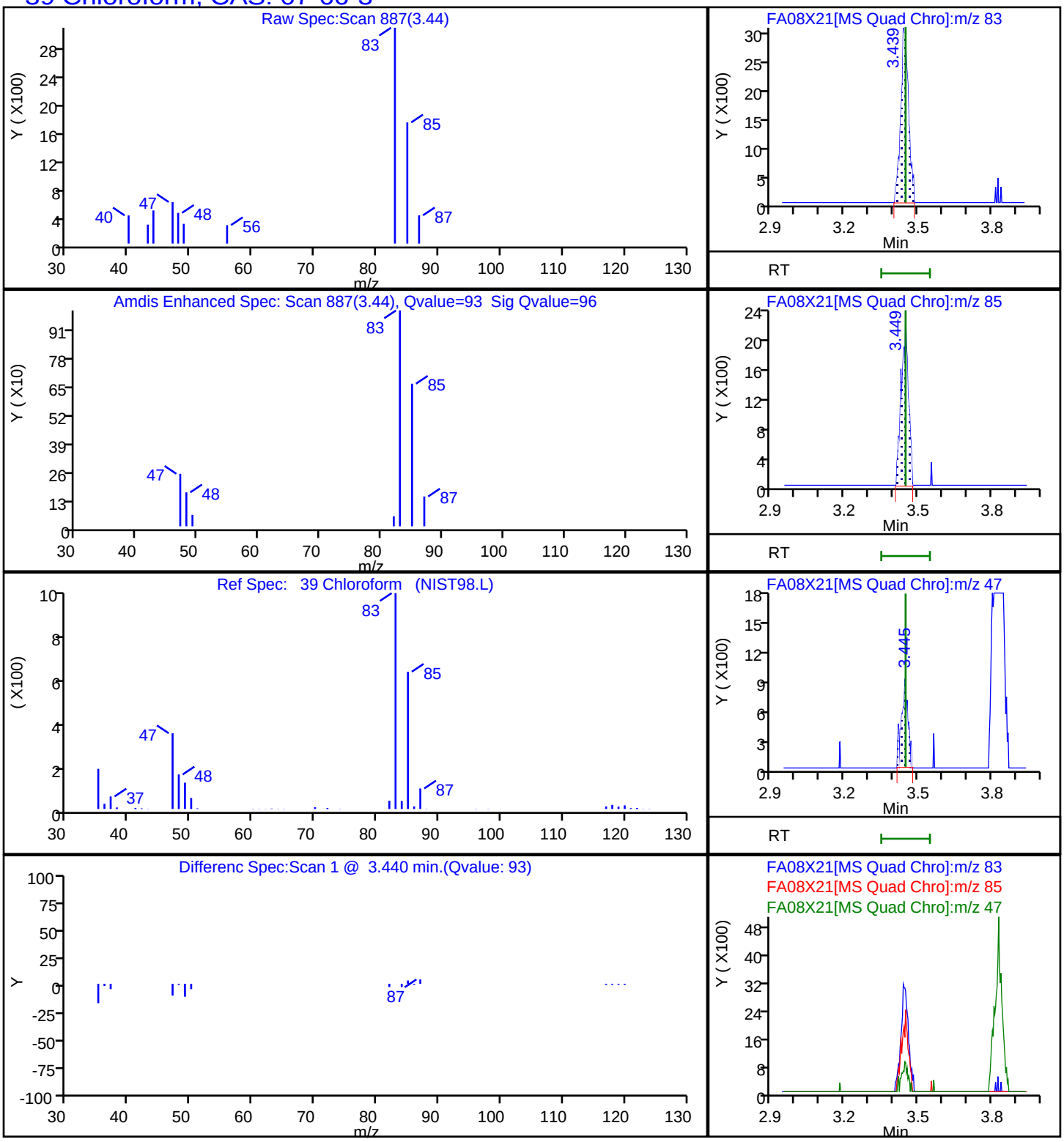
First Level Reviewer: N9NA Date: 09-Apr-2025 08:32:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 40 Dibromofluoromethane (Surr)	50.0	48.9	97.85
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.9	99.87
$ 65 Toluene-d8 (Surr)	50.0	47.8	95.54
$ 86 4-Bromofluorobenzene (Surr)	50.0	51.5	102.93

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X21.D				
Injection Date:	08-Apr-2025 16:47:10	Instrument ID:	15830		
Lims ID:	410-214588-A-1	Lab Sample ID:	410-214588-1		
Client ID:	HD-MW-166-0/1-0				
Operator ID:	knk41612	ALS Bottle#:	71	Worklist Smp#:	22
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)	Detector	MS Quad		

39 Chloroform, CAS: 67-66-3

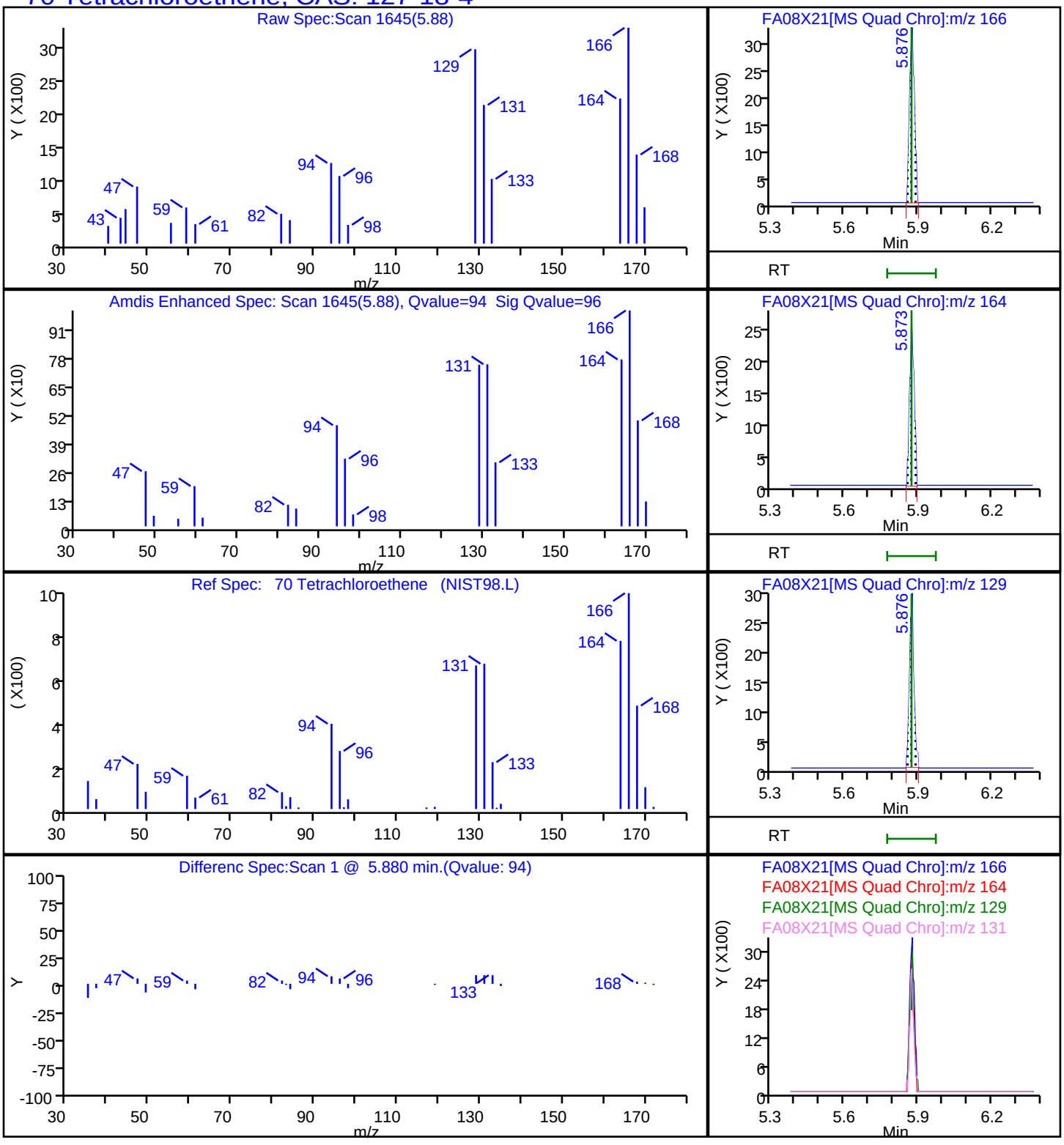


Report Date: 09-Apr-2025 08:32:54 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X21.D				
Injection Date:	08-Apr-2025 16:47:10	Instrument ID:	15830		
Lims ID:	410-214588-A-1	Lab Sample ID:	410-214588-1		
Client ID:	HD-MW-166-0/1-0				
Operator ID:	knk41612	ALS Bottle#:	71	Worklist Smp#:	22
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)	Detector	MS Quad		

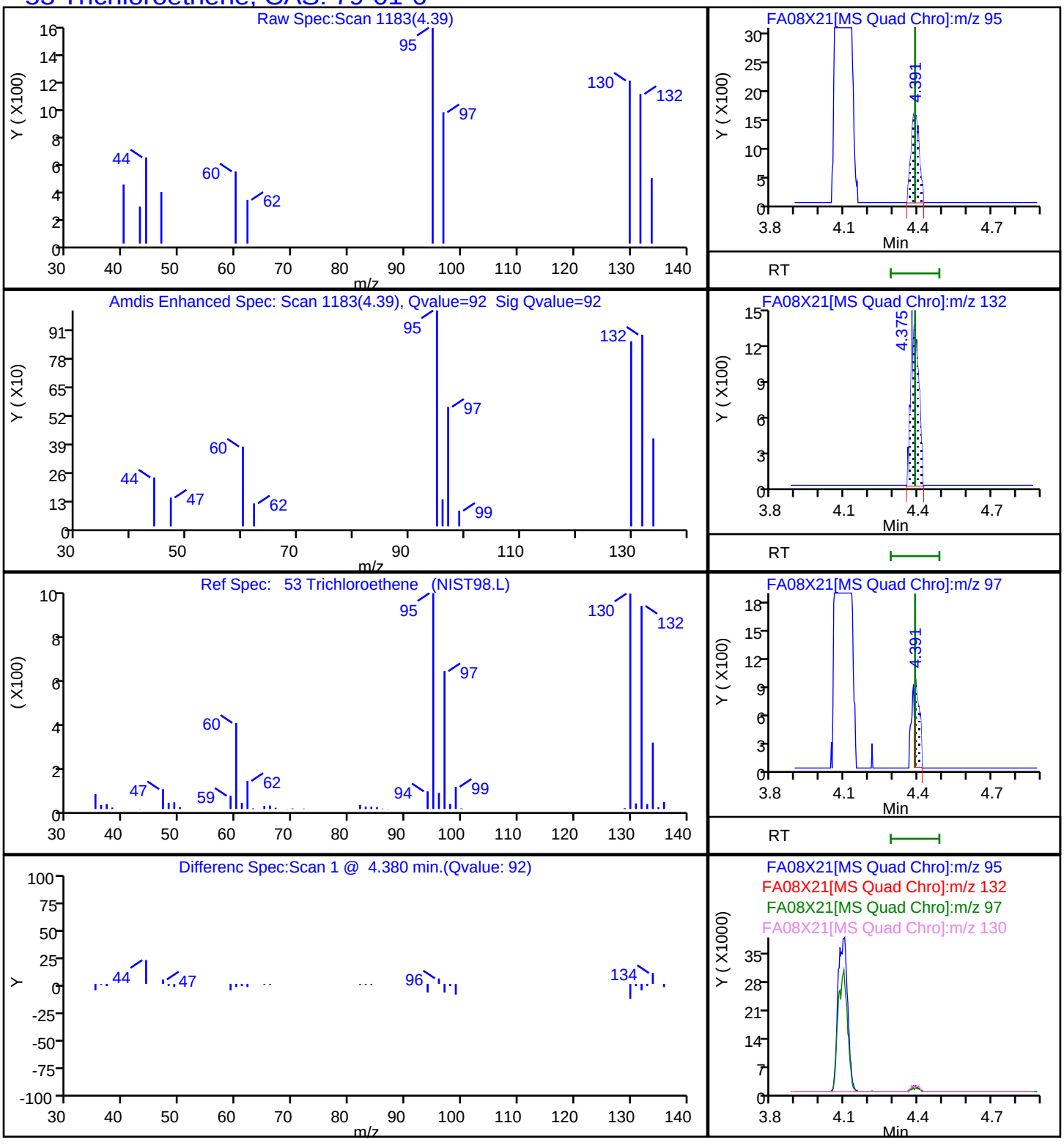
70 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X21.D				
Injection Date:	08-Apr-2025 16:47:10	Instrument ID:	15830		
Lims ID:	410-214588-A-1	Lab Sample ID:	410-214588-1		
Client ID:	HD-MW-166-0/1-0				
Operator ID:	knk41612	ALS Bottle#:	71	Worklist Smp#:	22
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)	Detector	MS Quad		

53 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-214588-2

Matrix: Water
Lab File ID: FA08X22.D

Analysis Method: 8260D
Date Collected: 03/27/2025 13:39

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 17:06

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.: 627642
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	0.50
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	2.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-214588-2

Matrix: Water
Lab File ID: FA08X22.D

Analysis Method: 8260D
Date Collected: 03/27/2025 13:39

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 17:06

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.: 627642
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	0.74	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)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	103		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X22.D
Lims ID: 410-214588-A-2
Client ID: HD-MW-167-0/1-0
Sample Type: Client
Inject. Date: 08-Apr-2025 17:06:34 ALS Bottle#: 72 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-023
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 09-Apr-2025 08:33:27 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: N9NA Date: 09-Apr-2025 08:33:27

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Chloromethane	50		1.124				ND	
4 Vinyl chloride	62		1.178				ND	
5 Bromomethane	94		1.365				ND	
6 Chloroethane	64		1.375				ND	
12 1,1-Dichloroethene	96		1.805				ND	
13 Acetone	58		1.841				ND	
17 Carbon disulfide	76		2.014				ND	7
20 Methylene Chloride	84		2.178				ND	
* 21 t-Butyl alcohol-d10 (IS)	65	2.198	2.207	-0.009	51	751909	250.0	
24 trans-1,2-Dichloroethene	96		2.378				ND	
25 Methyl tert-butyl ether	73		2.404				ND	
27 1,1-Dichloroethane	63		2.715				ND	
31 2-Butanone (MEK)	43		3.140				ND	7
32 cis-1,2-Dichloroethene	96		3.172				ND	
36 Chlorobromomethane	128		3.355				ND	
39 Chloroform	83		3.449				ND	7
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	93	334974	48.9	
41 1,1,1-Trichloroethane	97		3.574				ND	
44 Carbon tetrachloride	117		3.690				ND	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.838	3.838	0.000	47	82701	50.4	
47 Benzene	78		3.850				ND	
48 1,2-Dichloroethane	62		3.899				ND	7
* 50 Fluorobenzene (IS)	96	4.082	4.101	-0.019	100	1216750	50.0	
53 Trichloroethene	95	4.381	4.387	-0.006	92	4680	0.7403	
55 1,2-Dichloropropane	63		4.600				ND	
60 Dichlorobromomethane	83		4.834				ND	
63 cis-1,3-Dichloropropene	75		5.198				ND	
64 4-Methyl-2-pentanone (MIBK)	43		5.346				ND	U
$ 65 Toluene-d8 (Surr)	98	5.416	5.419	-0.003	93	1042430	48.6	
66 Toluene	92		5.474				ND	
67 trans-1,3-Dichloropropene	75		5.680				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.828				ND	
70 Tetrachloroethene	166	5.873	5.873	0.000	95	14397	2.47	
72 2-Hexanone	43		5.998				ND	7
73 Chlorodibromomethane	129		6.091				ND	
75 Ethylene Dibromide	107		6.162				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.484	-0.003	85	806443	50.0	
77 Chlorobenzene	112		6.500				ND	
79 1,1,1,2-Tetrachloroethane	131		6.571				ND	
80 Ethylbenzene	91		6.574				ND	7
81 m-Xylene & p-Xylene	106		6.661				ND	
82 o-Xylene	106		6.899				ND	
83 Styrene	104		6.908				ND	
84 Bromoform	173		7.011				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	444407	51.3	
88 1,1,2,2-Tetrachloroethane	83		7.307				ND	7
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	95	508587	50.0	
S 140 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

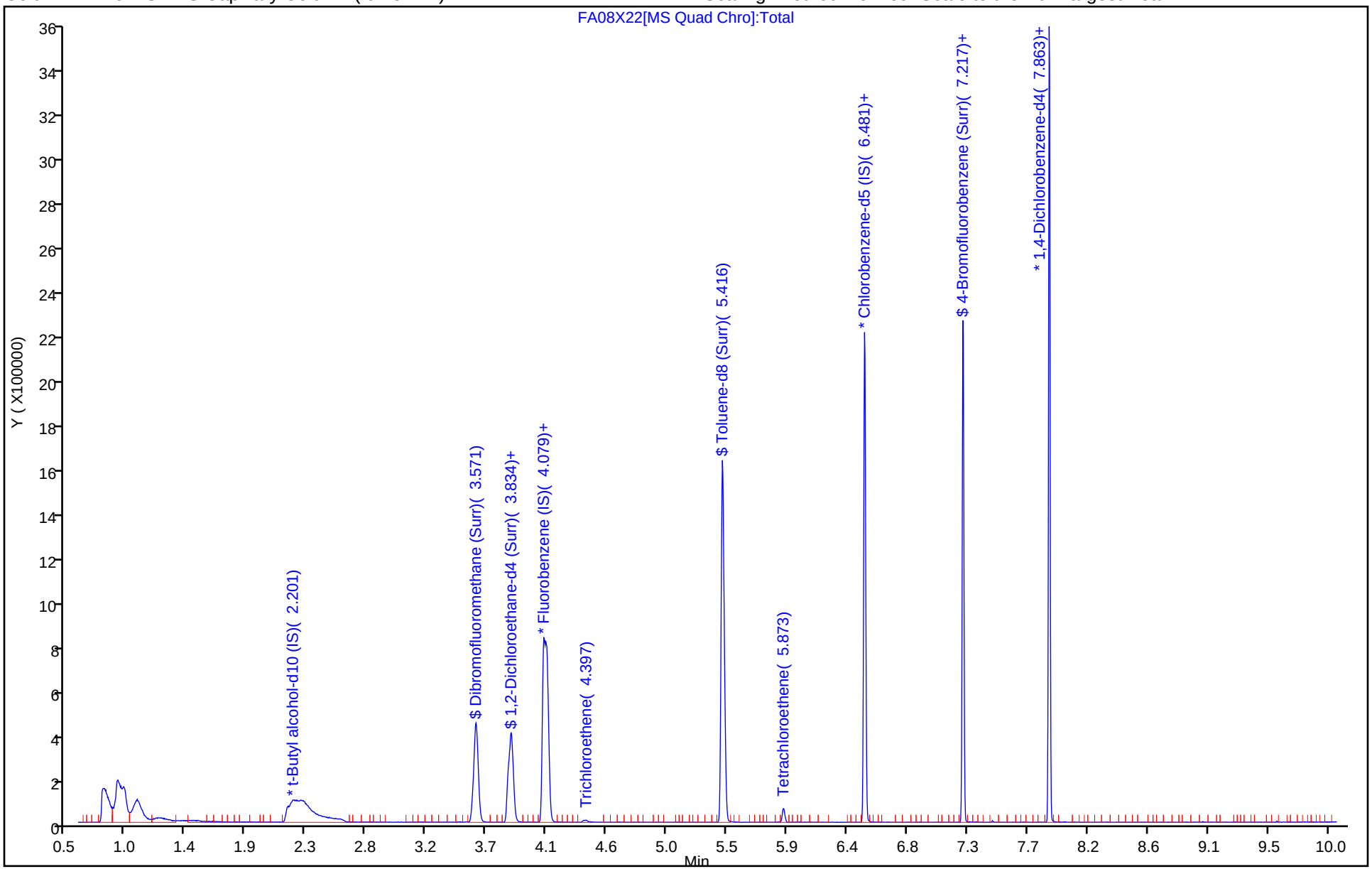
MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Apr-2025 08:33:28 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X22.D				
Injection Date:	08-Apr-2025 17:06:34	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	410-214588-A-2	Lab Sample ID:	410-214588-2	Worklist Smp#:	23
Client ID:	HD-MW-167-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	72
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\20250408-143360.b\FA08X22.D
Lims ID: 410-214588-A-2
Client ID: HD-MW-167-0/1-0
Sample Type: Client
Inject. Date: 08-Apr-2025 17:06:34 ALS Bottle#: 72 Worklist Smp#: 23
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-023
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 09-Apr-2025 08:33:27 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1683

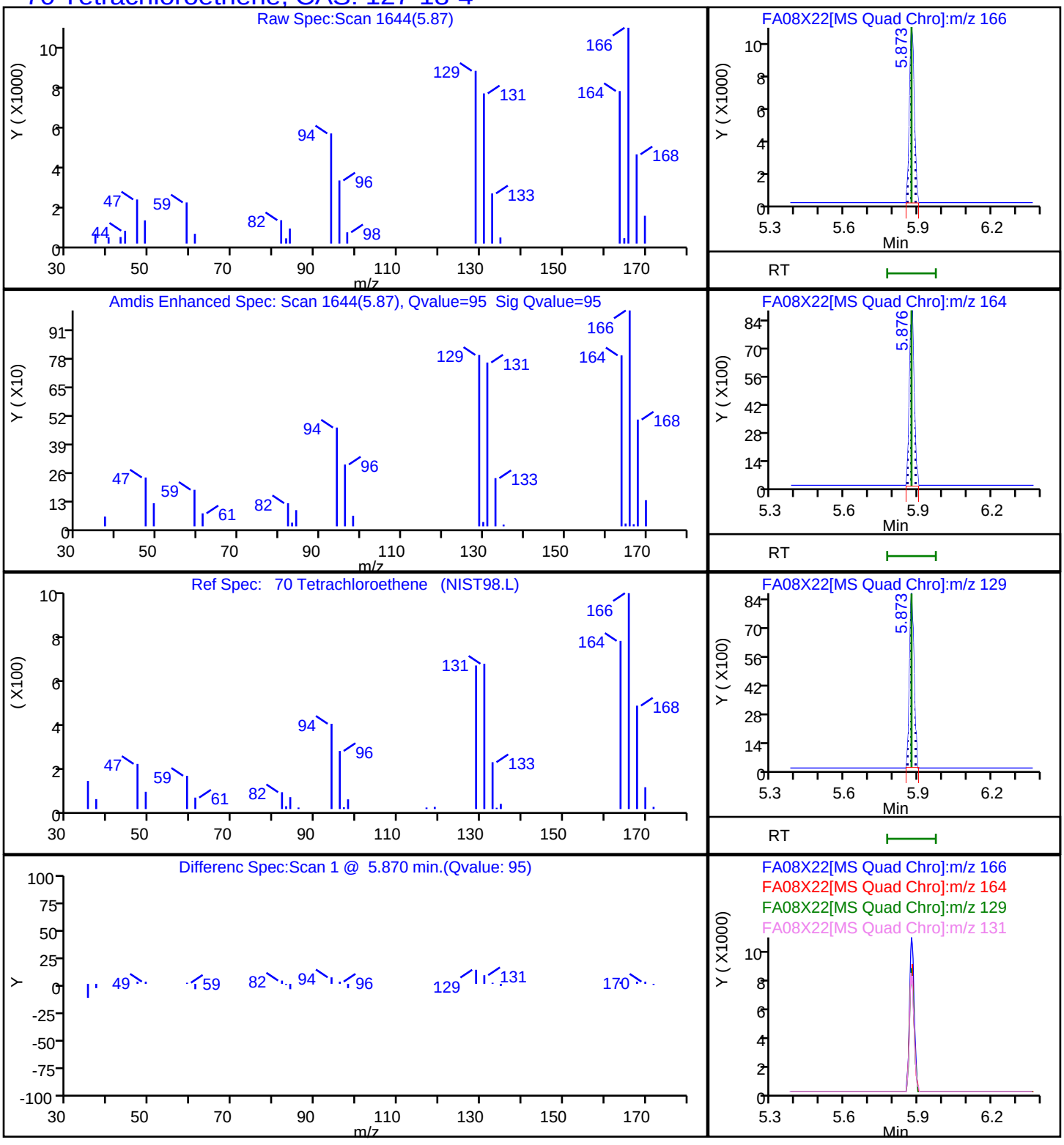
First Level Reviewer: N9NA Date: 09-Apr-2025 08:33:27

Compound	Amount Added	Amount Recovered	% Rec.
$ 40 Dibromofluoromethane (Surr)	50.0	48.9	97.88
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	50.4	100.81
$ 65 Toluene-d8 (Surr)	50.0	48.6	97.30
$ 86 4-Bromofluorobenzene (Surr)	50.0	51.3	102.52

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X22.D				
Injection Date:	08-Apr-2025 17:06:34	Instrument ID:	15830		
Lims ID:	410-214588-A-2	Lab Sample ID:	410-214588-2		
Client ID:	HD-MW-167-0/1-0				
Operator ID:	knk41612	ALS Bottle#:	72	Worklist Smp#:	23
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)	Detector	MS Quad		

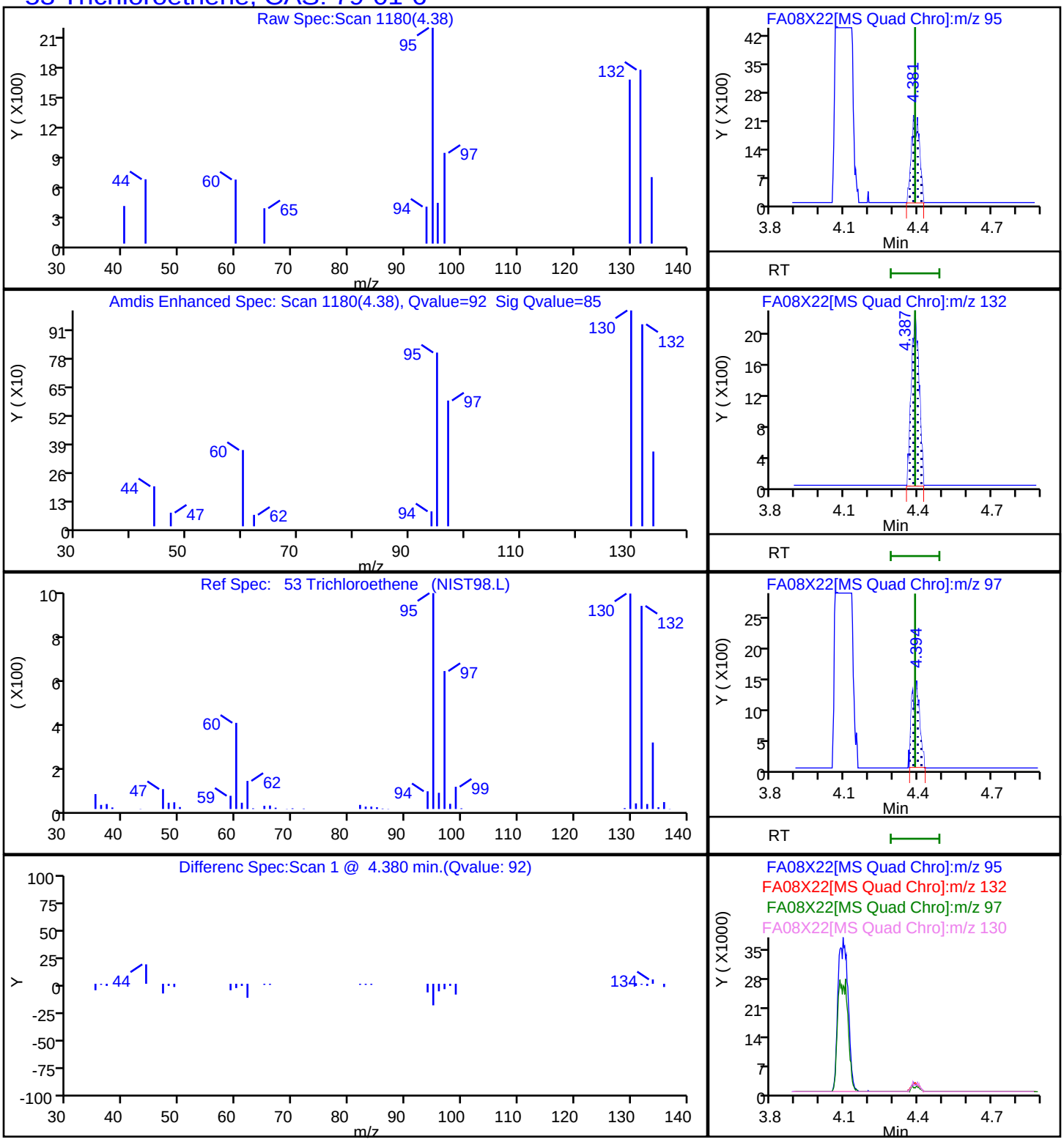
70 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X22.D				
Injection Date:	08-Apr-2025 17:06:34	Instrument ID:	15830		
Lims ID:	410-214588-A-2	Lab Sample ID:	410-214588-2		
Client ID:	HD-MW-167-0/1-0				
Operator ID:	knk41612	ALS Bottle#:	72	Worklist Smp#:	23
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)	Detector	MS Quad		

53 Trichloroethene, CAS: 79-01-6



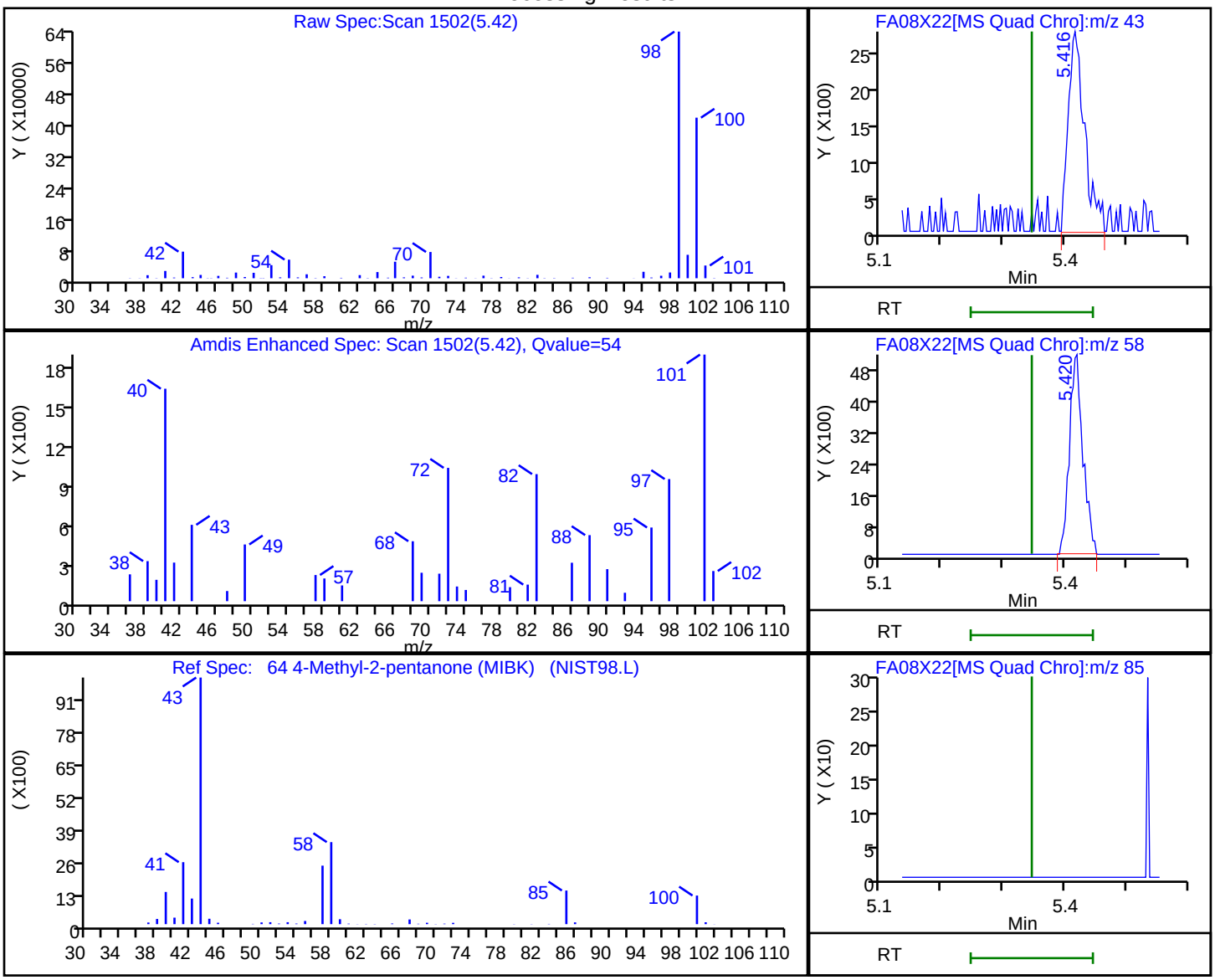
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X22.D				
Injection Date:	08-Apr-2025 17:06:34	Instrument ID:	15830		
Lims ID:	410-214588-A-2	Lab Sample ID:	410-214588-2		
Client ID:	HD-MW-167-0/1-0				
Operator ID:	knk41612	ALS Bottle#:	72	Worklist Smp#:	23
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)	Detector	MS Quad		

64 4-Methyl-2-pentanone (MIBK), CAS: 108-10-1

Processing Results



RT	Mass	Response	Amount
5.42	43.00	5017	0.452049
5.42	58.00	7861	
5.35	85.00	0	
5.42	100.00	688928	

Reviewer: N9NA, 09-Apr-2025 08:33:19 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.: 410-214588-1

SDG No.:

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-214588-3

Matrix: Water
Lab File ID: FA08X23.D

Analysis Method: 8260D
Date Collected: 03/27/2025 13:35

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 17:25

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.: 627642
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	0.50
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 Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-214588-3

Matrix: Water
Lab File ID: FA08X23.D

Analysis Method: 8260D
Date Collected: 03/27/2025 13:35

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 17:25

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.: 627642
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)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	98		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X23.D
Lims ID: 410-214588-A-3
Client ID: HD-MW-168-0/1-0
Sample Type: Client
Inject. Date: 08-Apr-2025 17:25:58 ALS Bottle#: 73 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-024
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 09-Apr-2025 08:33:27 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: N9NA Date: 09-Apr-2025 08:33:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Chloromethane	50		1.124				ND	
4 Vinyl chloride	62		1.178				ND	
5 Bromomethane	94		1.365				ND	
6 Chloroethane	64		1.375				ND	
12 1,1-Dichloroethene	96		1.805				ND	
13 Acetone	58		1.841				ND	
17 Carbon disulfide	76		2.014				ND	
20 Methylene Chloride	84		2.178				ND	
* 21 t-Butyl alcohol-d10 (IS)	65	2.195	2.207	-0.012	51	771279	250.0	
24 trans-1,2-Dichloroethene	96		2.378				ND	
25 Methyl tert-butyl ether	73		2.404				ND	
27 1,1-Dichloroethane	63		2.715				ND	
31 2-Butanone (MEK)	43		3.140				ND	7
32 cis-1,2-Dichloroethene	96		3.172				ND	
36 Chlorobromomethane	128		3.355				ND	
39 Chloroform	83	3.452	3.449	0.004	17	2416	0.2020	
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	93	335255	48.5	
41 1,1,1-Trichloroethane	97		3.574				ND	
44 Carbon tetrachloride	117		3.690				ND	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.831	3.838	-0.007	47	82898	50.0	
47 Benzene	78		3.850				ND	
48 1,2-Dichloroethane	62		3.899				ND	7
* 50 Fluorobenzene (IS)	96	4.098	4.101	-0.003	99	1228723	50.0	
53 Trichloroethene	95		4.387				ND	
55 1,2-Dichloropropane	63		4.600				ND	
60 Dichlorobromomethane	83		4.834				ND	
63 cis-1,3-Dichloropropene	75		5.198				ND	
64 4-Methyl-2-pentanone (MIBK)	43		5.346				ND	7
$ 65 Toluene-d8 (Surr)	98	5.416	5.419	-0.003	93	1052459	48.8	
66 Toluene	92		5.474				ND	
67 trans-1,3-Dichloropropene	75		5.680				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.828				ND	
70 Tetrachloroethene	166		5.873				ND	7
72 2-Hexanone	43		5.998				ND	7
73 Chlorodibromomethane	129		6.091				ND	
75 Ethylene Dibromide	107		6.162				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.484	-0.003	85	811059	50.0	
77 Chlorobenzene	112		6.500				ND	
79 1,1,1,2-Tetrachloroethane	131		6.571				ND	
80 Ethylbenzene	91		6.574				ND	7
81 m-Xylene & p-Xylene	106		6.661				ND	
82 o-Xylene	106		6.899				ND	
83 Styrene	104		6.908				ND	
84 Bromoform	173		7.011				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.220	7.217	0.003	89	438233	50.3	
88 1,1,2,2-Tetrachloroethane	83		7.307				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.866	7.863	0.003	95	507955	50.0	
S 140 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

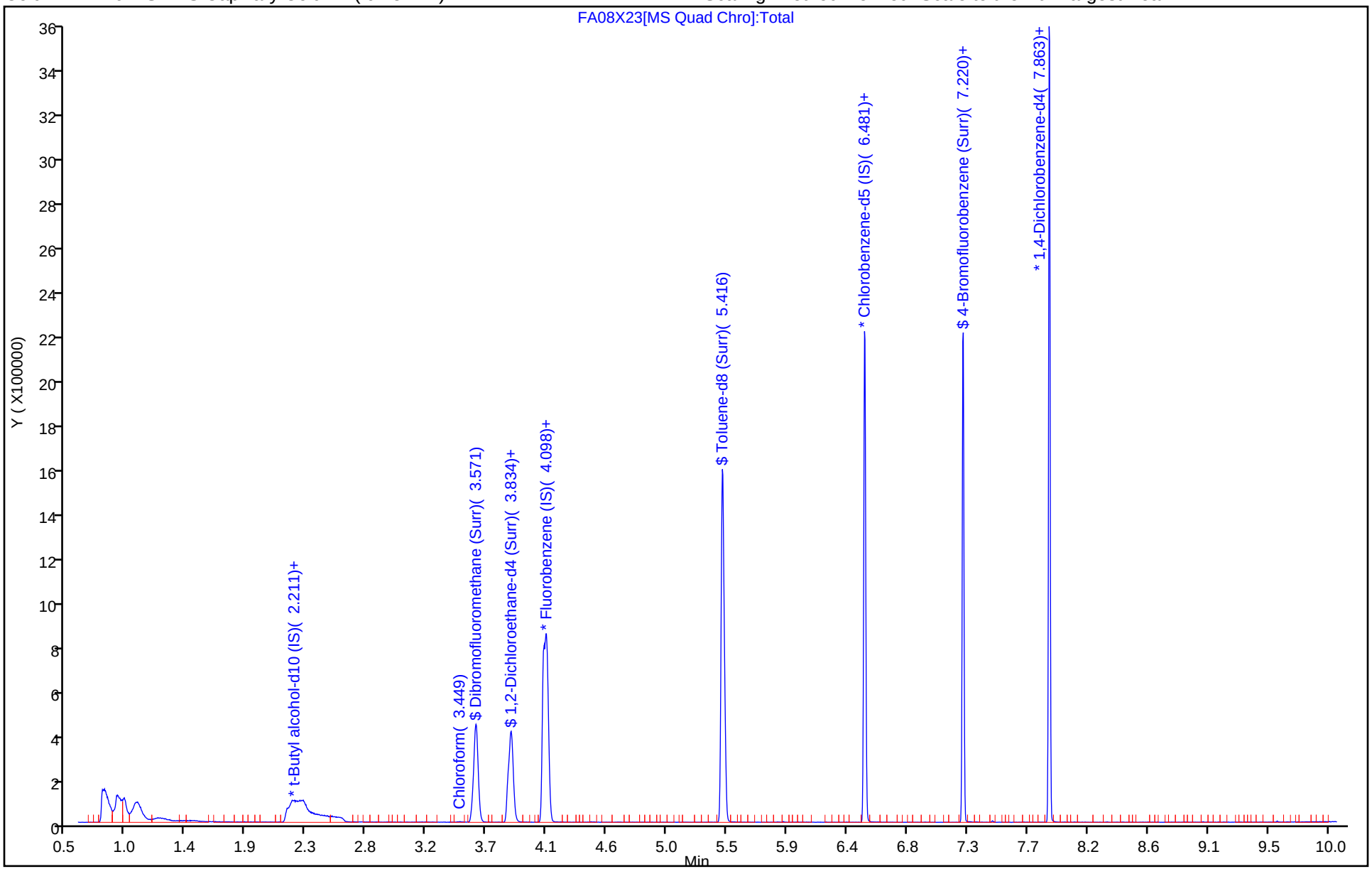
MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Apr-2025 08:33:48 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X23.D				
Injection Date:	08-Apr-2025 17:25:58	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	410-214588-A-3	Lab Sample ID:	410-214588-3	Worklist Smp#:	24
Client ID:	HD-MW-168-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	73
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\20250408-143360.b\FA08X23.D
Lims ID: 410-214588-A-3
Client ID: HD-MW-168-0/1-0
Sample Type: Client
Inject. Date: 08-Apr-2025 17:25:58 ALS Bottle#: 73 Worklist Smp#: 24
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-024
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 09-Apr-2025 08:33:27 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1683

First Level Reviewer: N9NA Date: 09-Apr-2025 08:33:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 40 Dibromofluoromethane (Surr)	50.0	48.5	97.01
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	50.0	100.07
$ 65 Toluene-d8 (Surr)	50.0	48.8	97.67
$ 86 4-Bromofluorobenzene (Surr)	50.0	50.3	100.52

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-627062/4	FA07X03.D
Level 2	IC 410-627062/5	FA07X04.D
Level 3	IC 410-627062/6	FA07X05.D
Level 4	IC 410-627062/7	FA07X06.D
Level 5	ICIS 410-627062/8	FA07X07.D
Level 6	IC 410-627062/9	FA07X08.D
Level 7	IC 410-627062/10	FA07X09.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	0.3877 0.4126	0.4596 0.3704	+++++	0.4166	0.4321	Ave		0.4132			0.1000	7.7		20.0			
Chloromethane	0.5121 0.4333	0.5299 0.3974	+++++	0.4545	0.4653	Ave		0.4654			0.1000	10.6		20.0			
Vinyl chloride	0.3954 0.3890	0.4634 0.3505	+++++	0.4122	0.4186	Ave		0.4048			0.1000	9.2		20.0			
1,3-Butadiene	0.5969 0.4230	0.5492 0.3798	+++++	0.4471	0.4492	Ave		0.4742				17.3		20.0			
Bromomethane	0.3145 0.2706	0.3135 0.2434	+++++	0.2881	0.2885	Ave		0.2865			0.1000	9.4		20.0			
Chloroethane	0.2684 0.2243	0.2611 0.2026	+++++	0.2349	0.2386	Ave		0.2383			0.1000	10.1		20.0			
n-Pentane	0.5210 0.3711	0.4717 0.3369	+++++	0.4113	0.3809	Ave		0.4155				16.6		20.0			
Dichlorofluoromethane	0.7131 0.6676	0.7288 0.6139	+++++	0.7004	0.7017	Ave		0.6876			0.1000	6.0		20.0			
Trichlorofluoromethane	0.4836 0.5171	0.5827 0.4691	+++++	0.5438	0.5440	Ave		0.5234			0.1000	8.1		20.0			
Freon 123a	0.3817 0.3364	0.3987 0.3064	+++++	0.3475	0.3592	Ave		0.3550				9.3		20.0			
Acrolein	0.6951 0.8442	0.6854 0.8769	+++++	0.9315	0.8385	Ave		0.8119				12.3		20.0			
1,1-Dichloroethene	0.2406 0.2421	0.2671 0.2135	+++++	0.2702	0.2478	Ave		0.2469			0.1000	8.4		20.0			
Acetone	0.5753 0.4147	0.4390 0.4334	+++++	0.4479	0.4384	Ave		0.4581			0.1000	12.8		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
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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	0.2670 0.2855	0.3337 0.2493	+++++	0.3060	0.2875	Ave		0.2882			0.1000	10.2		20.0			
Methyl iodide	0.5046 0.5008	0.5489 0.4414	+++++	0.5477	0.5091	Ave		0.5087				7.7		20.0			
2-Propanol	0.4379 0.4175	0.3331 0.4367	+++++	0.3831	0.3574	Ave		0.3943				11.0		20.0			
Carbon disulfide	0.8898 0.8456	0.9045 0.7733	+++++	0.8744	0.8451	Ave		0.8555			0.1000	5.5		20.0			
Allyl chloride	0.5130 0.4280	0.4333 0.3822	+++++	0.4479	0.4300	Ave		0.4391				9.7		20.0			
Methyl acetate	0.4308 0.3784	0.3937 0.3387	+++++	0.4061	0.3771	Ave		0.3875			0.1000	8.0		20.0			
Methylene Chloride	0.3181 0.2926	0.3264 0.2639	+++++	0.3167	0.2939	Ave		0.3019			0.1000	7.7		20.0			
t-Butyl alcohol	0.9912 1.0072	0.9687 0.9724	+++++	1.0250	0.9701	Ave		0.9891				2.3		20.0			
Acrylonitrile	0.2265 0.2062	0.2269 0.1885	+++++	0.2227	0.2106	Ave		0.2135				7.0		20.0			
trans-1,2-Dichloroethene	0.2821 0.2761	0.3042 0.2434	+++++	0.2993	0.2818	Ave		0.2811			0.1000	7.7		20.0			
Methyl tert-butyl ether	0.9722 0.8930	0.9725 0.8028	+++++	0.9603	0.8959	Ave		0.9161			0.1000	7.3		20.0			
n-Hexane	0.2914 0.3284	0.3510 0.2939	+++++	0.3422	0.3345	Ave		0.3236				7.8		20.0			
1,1-Dichloroethane	0.4981 0.4863	0.5131 0.4336	+++++	0.5193	0.4857	Ave		0.4894			0.2000	6.2		20.0			
Isopropyl ether	0.8271 0.8012	0.8317 0.7327	+++++	0.8424	0.7974	Ave		0.8054				4.9		20.0			
2-Chloro-1,3-butadiene	0.4318 0.4310	0.4617 0.3881	+++++	0.4612	0.4371	Ave		0.4351				6.2		20.0			
Ethyl t-butyl ether	0.8860 0.8950	0.9242 0.8144	+++++	0.9338	0.8869	Ave		0.8900				4.7		20.0			
2-Butanone (MEK)	0.2976 0.2556	0.2283 0.2583	+++++	0.2684	0.2715	Ave		0.2633			0.1000	8.6		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 Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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								
cis-1,2-Dichloroethene	0.3402 0.3199	0.3460 0.2815	+++++	0.3409	0.3179	Ave		0.3244			0.1000	7.4		20.0			
2,2-Dichloropropane	0.4562 0.4606	0.4839 0.4133	+++++	0.4867	0.4623	Ave		0.4605				5.7		20.0			
Propionitrile	0.7079 0.7741	0.6660 0.7791	+++++	0.7821	0.7096	Ave		0.7365				6.6		20.0			
Methacrylonitrile	0.1786 0.1824	0.1725 0.1741	+++++	0.1789	0.1739	Ave		0.1768				2.2		20.0			
Tetrahydrofuran	0.6518 0.6891	0.5806 0.7071	+++++	0.7053	0.6248	Ave		0.6598				7.6		20.0			
Bromochloromethane	0.1658 0.1524	0.1632 0.1317	+++++	0.1637	0.1538	Ave		0.1551				8.2		20.0			
Chloroform	0.4844 0.4883	0.5151 0.4375	+++++	0.5088	0.4859	Ave		0.4867			0.2000	5.6		20.0			
1,1,1-Trichloroethane	0.4255 0.4474	0.4626 0.4117	+++++	0.4672	0.4459	Ave		0.4434			0.1000	4.8		20.0			
Cyclohexane	0.4995 0.4957	0.5566 0.4493	+++++	0.5204	0.4988	Ave		0.5034			0.1000	7.0		20.0			
Carbon tetrachloride	0.3133 0.3710	0.3665 0.3491	+++++	0.3687	0.3619	Ave		0.3551			0.1000	6.2		20.0			
1,1-Dichloropropene	0.3235 0.3782	0.3697 0.3597	+++++	0.3792	0.3696	Ave		0.3633				5.7		20.0			
Isobutyl alcohol	0.2716 0.2473	0.2164 0.2452	+++++	0.2423	0.2297	Ave		0.2421				7.7		20.0			
Benzene	0.9666 1.0874	1.0361 1.0300	+++++	1.0847	1.0476	Ave		1.0420			0.5000	4.2		20.0			
1,2-Dichloroethane	0.3684 0.3566	0.3489 0.3396	+++++	0.3504	0.3429	Ave		0.3511			0.1000	2.9		20.0			
t-Amyl methyl ether	0.8838 0.8768	0.8793 0.7974	+++++	0.8985	0.8553	Ave		0.8652				4.2		20.0			
n-Heptane	0.2623 0.2511	0.2770 0.2354	+++++	0.2486	0.2455	Ave		0.2533				5.7		20.0			
n-Butanol	0.1990 0.2194	0.1758 0.2144	+++++	0.2097	0.2049	Ave		0.2039				7.6		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 Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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								
Trichloroethene	0.2395 0.2728	0.2547 0.2697	+++++	0.2611	0.2608	Ave		0.2598			0.2000	4.6		20.0			
Methylcyclohexane	0.4397 0.5061	0.5405 0.4598	+++++	0.5141	0.5099	Ave		0.4950			0.1000	7.6		20.0			
1,2-Dichloropropane	0.2399 0.2485	0.2286 0.2444	+++++	0.2369	0.2363	Ave		0.2391			0.1000	2.9		20.0			
t-Amyl ethyl ether	0.4075 0.4486	0.4494 0.4206	+++++	0.4546	0.4411	Ave		0.4370				4.3		20.0			
1,4-Dioxane	0.0431 0.0564	0.0514 0.0544	+++++	0.0500	0.0526	Ave		0.0513			0.0050	9.0		20.0			
Dibromomethane	0.1654 0.1687	0.1583 0.1646	+++++	0.1650	0.1602	Ave		0.1637				2.3		20.0			
Methyl methacrylate	0.2113 0.2246	0.2095 0.2279	+++++	0.2182	0.2111	Ave		0.2171				3.6		20.0			
Bromodichloromethane	0.2432 0.3112	0.2528 0.3187	+++++	0.2808	0.2860	Ave		0.2821			0.2000	10.7		20.0			
2-Nitropropane	0.6307 0.9815	0.5591 +++++	+++++	0.8086	0.8163	Lin1	-3.024	0.9201							0.9900		0.9900
2-Chloroethyl vinyl ether	0.1493 0.1578	0.1410 0.1612	+++++	0.1482	0.1582	Ave		0.1526				5.1		20.0			
cis-1,3-Dichloropropene	0.2816 0.3560	0.2926 0.3823	+++++	0.3268	0.3328	Ave		0.3287			0.2000	11.5		20.0			
4-Methyl-2-pentanone (MIBK)	0.4130 0.4480	0.3825 0.4499	+++++	0.5308	0.5121	Ave		0.4561			0.1000	12.4		20.0			
Toluene	0.8271 0.9229	0.8098 0.8732	+++++	0.8684	0.8667	Ave		0.8614			0.4000	4.6		20.0			
trans-1,3-Dichloropropene	0.3783 0.4794	0.3642 0.4809	+++++	0.4303	0.4379	Ave		0.4285			0.1000	11.5		20.0			
Ethyl methacrylate	0.5130 0.5626	0.5046 0.5252	+++++	0.5426	0.5338	Ave		0.5303				4.0		20.0			
1,1,2-Trichloroethane	0.2702 0.3089	0.2583 0.2960	+++++	0.2962	0.2859	Ave		0.2859			0.1000	6.5		20.0			
Tetrachloroethene	0.3181 0.3880	0.3565 0.3700	+++++	0.3653	0.3683	Ave		0.3610			0.2000	6.5		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 Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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-Dichloropropane	0.4394 0.5087	0.4460 0.5046	+++++	0.4923	0.4766	Ave		0.4780				6.2		20.0			
2-Hexanone	0.4405 0.4823	0.4222 0.4662	+++++	0.5980	0.5796	Ave		0.4981			0.1000	14.7		20.0			
Dibromochloromethane	0.2318 0.3333	0.2306 0.3413	+++++	0.2780	0.2909	Ave		0.2843				16.8		20.0			
1,2-Dibromoethane (EDB)	0.2915 0.3350	0.2977 0.3207	+++++	0.3229	0.3154	Ave		0.3139			0.1000	5.2		20.0			
Chlorobenzene	0.8940 0.9753	0.8977 0.9166	+++++	0.9460	0.9376	Ave		0.9279			0.5000	3.4		20.0			
1-Chlorohexane	0.4360 0.4790	0.4578 0.4335	+++++	0.4851	0.4690	Ave		0.4600				4.7		20.0			
1,1,1,2-Tetrachloroethane	0.3021 0.4129	0.3313 0.3690	+++++	0.3762	0.3816	Ave		0.3622				10.9		20.0			
Ethylbenzene	1.6176 1.8539	1.7374 1.5830	+++++	1.8213	1.7764	Ave		1.7316			0.1000	6.3		20.0			
m&p-Xylene	0.6371 0.7152	0.6633 0.6436	+++++	0.7114	0.6894	Ave		0.6767			0.1000	5.0		20.0			
o-Xylene	0.6717 0.7674	0.7145 0.6764	+++++	0.7556	0.7293	Ave		0.7192			0.3000	5.5		20.0			
Styrene	0.9910 1.1055	1.0604 0.9766	+++++	1.1128	1.0759	Ave		1.0537			0.3000	5.5		20.0			
Bromoform	0.1595 0.2369	0.1625 0.2319	+++++	0.2019	0.2121	Ave		0.2008			0.1000	16.6		20.0			
Isopropylbenzene	1.5655 1.8999	1.7126 1.4864	+++++	1.8293	1.8178	Ave		1.7186			0.1000	9.5		20.0			
Bromobenzene	0.6109 0.6888	0.6429 0.6738	+++++	0.6837	0.6533	Ave		0.6589				4.5		20.0			
1,1,2,2-Tetrachloroethane	0.8938 1.0366	0.9074 1.0071	+++++	1.0100	0.9672	Ave		0.9704			0.3000	6.0		20.0			
trans-1,4-Dichloro-2-butene	0.2393 0.3302	0.2519 0.3232	+++++	0.2999	0.2984	Ave		0.2905				12.8		20.0			
1,2,3-Trichloropropane	0.3188 0.3296	0.3199 0.3139	+++++	0.3379	0.3112	Ave		0.3219				3.1		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 Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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-Propylbenzene	3.0646 3.8120	3.4326 2.8899	+++++	3.6514	3.6458	Ave		3.4161				10.7		20.0			
2-Chlorotoluene	0.6472 0.7746	0.6813 0.7563	+++++	0.7330	0.7205	Ave		0.7188				6.6		20.0			
1,3,5-Trimethylbenzene	2.1894 2.8862	2.4626 2.4944	+++++	2.7024	2.6726	Ave		2.5679				9.4		20.0			
4-Chlorotoluene	0.6330 0.7136	0.6541 0.6790	+++++	0.7167	0.6791	Ave		0.6793				4.8		20.0			
tert-Butylbenzene	0.4020 0.5964	0.4514 0.5885	+++++	0.5243	0.5415	Ave		0.5173				14.9		20.0			
1,2,4-Trimethylbenzene	2.3692 2.8474	2.4695 2.4674	+++++	2.7260	2.6390	Ave		2.5864				7.0		20.0			
sec-Butylbenzene	2.5579 3.5482	2.8997 2.7930	+++++	3.2646	3.2817	Ave		3.0575				12.0		20.0			
1,3-Dichlorobenzene	1.1980 1.3438	1.2718 1.3041	+++++	1.3372	1.2875	Ave		1.2904			0.6000	4.1		20.0			
p-Isopropyltoluene	2.2822 3.0097	2.5828 2.4958	+++++	2.8361	2.8661	Ave		2.6788				10.1		20.0			
1,4-Dichlorobenzene	1.2301 1.3489	1.2684 1.3017	+++++	1.3443	1.2933	Ave		1.2978			0.5000	3.5		20.0			
1,2,3-Trimethylbenzene	2.4506 2.9810	2.6094 2.5062	+++++	2.8606	2.7741	Ave		2.6970				7.7		20.0			
Benzyl chloride	+++++ 2.1424	1.4242 2.1304	+++++	1.8970	1.9587	Ave		1.9105				15.3		20.0			
1,3-Diethylbenzene	1.2867 1.6690	1.4913 1.5883	+++++	1.5978	1.6170	Ave		1.5417				8.9		20.0			
1,4-Diethylbenzene	1.4203 1.7179	1.5618 1.6272	+++++	1.6906	1.6873	Ave		1.6175				6.9		20.0			
n-Butylbenzene	1.1424 1.3512	1.2619 1.2736	+++++	1.3266	1.3336	Ave		1.2815				6.0		20.0			
1,2-Dichlorobenzene	1.3201 1.3698	1.2953 1.2667	+++++	1.3789	1.3083	Ave		1.3232			0.4000	3.3		20.0			
1,2-Diethylbenzene	1.1122 1.4390	1.2251 1.4002	+++++	1.3436	1.3312	Ave		1.3086				9.2		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 Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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-Dibromo-3-Chloropropane	0.2992 0.3861	0.2997 0.4016	+++++	0.3600	0.3492	Ave		0.3493			0.0500	12.3		20.0			
1,3,5-Trichlorobenzene	0.8917 0.9935	0.8951 0.9543	+++++	0.9359	0.9439	Ave		0.9357				4.1		20.0			
1,2,4-Trichlorobenzene	0.9075 0.9915	0.9151 0.9243	+++++	0.9556	0.9306	Ave		0.9374			0.2000	3.3		20.0			
Hexachlorobutadiene	0.2601 0.3432	0.3031 0.3475	+++++	0.3104	0.3229	Ave		0.3145				10.1		20.0			
Naphthalene	4.1267 4.3497	4.0861 2.8810	+++++	4.3347	4.1516	Ave		3.9883				13.9		20.0			
1,2,3-Trichlorobenzene	0.8877 0.9858	0.9125 0.9218	+++++	0.9601	0.9431	Ave		0.9352				3.8		20.0			
2-Methylnaphthalene	2.1759 2.2084	1.9044 1.9708	+++++	2.0305	2.1255	Ave		2.0693				5.8		20.0			
Dibromofluoromethane (Surr)	0.2952 0.2724	0.2957 0.2558	+++++	0.2881	0.2803	Ave		0.2813				5.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0678 0.0662	0.0687 0.0642	+++++	0.0677	0.0699	Ave		0.0674				3.0		20.0			
Toluene-d8 (Surr)	1.2900 1.3670	1.2759 1.3637	+++++	1.3196	1.3551	Ave		1.3285				3.0		20.0			
4-Bromofluorobenzene (Surr)	0.5511 0.5237	0.5566 0.4952	+++++	0.5527	0.5457	Ave		0.5375				4.4		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 Environment Testing, LLC | Job No.: 410-214588-1 | Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 | Calibration End Date: 04/07/2025 17:19 | Calibration ID: 71472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-627062/4	FA07X03.D
Level 2	IC 410-627062/5	FA07X04.D
Level 3	IC 410-627062/6	FA07X05.D
Level 4	IC 410-627062/7	FA07X06.D
Level 5	ICIS 410-627062/8	FA07X07.D
Level 6	IC 410-627062/9	FA07X08.D
Level 7	IC 410-627062/10	FA07X09.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	9262 1134313	42681 3342877	+++++	208389	556574	1.00 100	4.00 300	+++++	20.0	50.0
Chloromethane	FB	Ave	12233 1191220	49209 3587450	+++++	227367	599298	1.00 100	4.00 300	+++++	20.0	50.0
Vinyl chloride	FB	Ave	9445 1069390	43036 3163711	+++++	206187	539164	1.00 100	4.00 300	+++++	20.0	50.0
1,3-Butadiene	FB	Ave	14260 1162665	51004 3428129	+++++	223631	578544	1.00 100	4.00 300	+++++	20.0	50.0
Bromomethane	FB	Ave	7514 743980	29111 2197187	+++++	144138	371615	1.00 100	4.00 300	+++++	20.0	50.0
Chloroethane	FB	Ave	6412 616632	24250 1828398	+++++	117504	307378	1.00 100	4.00 300	+++++	20.0	50.0
n-Pentane	FB	Ave	12445 1020136	43805 3040491	+++++	205770	490667	1.00 100	4.00 300	+++++	20.0	50.0
Dichlorofluoromethane	FB	Ave	17034 1835151	67682 5541610	+++++	350344	903834	1.00 100	4.00 300	+++++	20.0	50.0
Trichlorofluoromethane	FB	Ave	11552 1421568	54110 4234411	+++++	272016	700694	1.00 100	4.00 300	+++++	20.0	50.0
Freon 123a	FB	Ave	9119 924678	37030 2765381	+++++	173824	462726	1.00 100	4.00 300	+++++	20.0	50.0
Acrolein	TBAd10	Ave	23728 2812686	91200 8881683	+++++	562914	1402802	9.76 976	39.0 2927	+++++	195	488
1,1-Dichloroethene	FB	Ave	5747 665637	24808 1927438	+++++	135175	319170	1.00 100	4.00 300	+++++	20.0	50.0
Acetone	TBAd10	Ave	4025 283216	11972 899819	+++++	55471	150329	2.00 200	8.00 600	+++++	40.0	100
Freon 113	FB	Ave	6379 784758	30992 2250209	+++++	153053	370345	1.00 100	4.00 300	+++++	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.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
Methyl iodide	FB	Ave	12054 1376642	50971 3984206	+++++	273994	655751	1.00 100	4.00 300	+++++	20.0	50.0
2-Propanol	TBAd10	Ave	7660 712812	22714 2266547	+++++	118624	306362	5.00 500	20.0 1500	+++++	100	250
Carbon disulfide	FB	Ave	21257 2324501	83998 6980106	+++++	437383	1088572	1.00 100	4.00 300	+++++	20.0	50.0
Allyl chloride	FB	Ave	12255 1176613	40241 3450228	+++++	224042	553824	1.00 100	4.00 300	+++++	20.0	50.0
Methyl acetate	FB	Ave	10291 1040256	36562 3056919	+++++	203147	485671	1.00 100	4.00 300	+++++	20.0	50.0
Methylene Chloride	FB	Ave	7598 804335	30311 2381747	+++++	158431	378595	1.00 100	4.00 300	+++++	20.0	50.0
t-Butyl alcohol	TBAd10	Ave	17338 1719405	66051 5046714	+++++	317373	831591	5.00 500	20.0 1500	+++++	100	250
Acrylonitrile	FB	Ave	13525 1416890	52676 4252870	+++++	278513	678125	2.50 250	10.0 750	+++++	50.0	125
trans-1,2-Dichloroethene	FB	Ave	6738 759073	28248 2196547	+++++	149716	362925	1.00 100	4.00 300	+++++	20.0	50.0
Methyl tert-butyl ether	FB	Ave	23225 2454860	90311 7245962	+++++	480363	1154019	1.00 100	4.00 300	+++++	20.0	50.0
n-Hexane	FB	Ave	6962 902856	32598 2652932	+++++	171171	430864	1.00 100	4.00 300	+++++	20.0	50.0
1,1-Dichloroethane	FB	Ave	11899 1336746	47647 3913898	+++++	259786	625623	1.00 100	4.00 300	+++++	20.0	50.0
Isopropyl ether	FB	Ave	19759 2202518	77242 6613294	+++++	421381	1027082	1.00 100	4.00 300	+++++	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	10316 1184701	42873 3503427	+++++	230688	563023	1.00 100	4.00 300	+++++	20.0	50.0
Ethyl t-butyl ether	FB	Ave	21166 2460175	85827 7350871	+++++	467117	1142345	1.00 100	4.00 300	+++++	20.0	50.0
2-Butanone (MEK)	FB	Ave	14219 1405360	42411 4663275	+++++	268552	699529	2.00 200	8.00 600	+++++	40.0	100
cis-1,2-Dichloroethene	FB	Ave	8127 879290	32135 2540943	+++++	170544	409425	1.00 100	4.00 300	+++++	20.0	50.0
2,2-Dichloropropane	FB	Ave	10897 1266056	44942 3730843	+++++	243468	595407	1.00 100	4.00 300	+++++	20.0	50.0
Propionitrile	TBAd10	Ave	12383 1321490	45407 4043744	+++++	242169	608257	5.00 500	20.0 1500	+++++	100	250

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
Methacrylonitrile	FB	Ave	10668 1253593	40060 3927606	+++++	223791	560057	2.50 250	10.0 750	+++++	50.0	125
Tetrahydrofuran	TBAd10	Ave	11402 1176371	39586 3669937	+++++	218375	535547	5.00 500	20.0 1500	+++++	100	250
Bromochloromethane	FB	Ave	3960 418875	15157 1189101	+++++	81906	198043	1.00 100	4.00 300	+++++	20.0	50.0
Chloroform	FB	Ave	11572 1342359	47835 3949251	+++++	254535	625909	1.00 100	4.00 300	+++++	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	10164 1229953	42962 3715767	+++++	233723	574335	1.00 100	4.00 300	+++++	20.0	50.0
Cyclohexane	FB	Ave	11933 1362625	51686 4055326	+++++	260299	642443	1.00 100	4.00 300	+++++	20.0	50.0
Carbon tetrachloride	FB	Ave	7484 1019901	34032 3151072	+++++	184457	466149	1.00 100	4.00 300	+++++	20.0	50.0
1,1-Dichloropropene	FB	Ave	7729 1039719	34335 3246896	+++++	189672	476109	1.00 100	4.00 300	+++++	20.0	50.0
Isobutyl alcohol	TBAd10	Ave	11878 1055553	36879 3180842	+++++	187551	492250	12.5 1250	50.0 3750	+++++	250	625
Benzene	FB	Ave	23090 2989061	96220 9296645	+++++	542583	1349347	1.00 100	4.00 300	+++++	20.0	50.0
1,2-Dichloroethane	FB	Ave	8801 980157	32399 3065401	+++++	175283	441726	1.00 100	4.00 300	+++++	20.0	50.0
t-Amyl methyl ether	FB	Ave	21114 2410243	81663 7197473	+++++	449459	1101719	1.00 100	4.00 300	+++++	20.0	50.0
n-Heptane	FB	Ave	6266 690186	25729 2124457	+++++	124362	316215	1.00 100	4.00 300	+++++	20.0	50.0
n-Butanol	TBAd10	Ave	8703 936334	29963 2781299	+++++	162300	439153	12.5 1250	50.0 3750	+++++	250	625
Trichloroethene	FB	Ave	5721 749819	23656 2434539	+++++	130623	335880	1.00 100	4.00 300	+++++	20.0	50.0
Methylcyclohexane	FB	Ave	10505 1391176	50199 4150092	+++++	257172	656747	1.00 100	4.00 300	+++++	20.0	50.0
1,2-Dichloropropane	FB	Ave	5732 683196	21227 2206202	+++++	118489	304424	1.00 100	4.00 300	+++++	20.0	50.0
t-Amyl ethyl ether	FB	Ave	9735 1233082	41732 3796306	+++++	227400	568194	1.00 100	4.00 300	+++++	20.0	50.0
1,4-Dioxane	TBAd10	Ave	1886	8758	+++++	38670	112760	12.5	50.0	+++++	250	625

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
			240853	705645				1250	3750			
Dibromomethane	FB	Ave	3952 463712	14698 1485752	+++++	82536	206404	1.00 100	4.00 300	+++++	20.0	50.0
Methyl methacrylate	FB	Ave	5047 617268	19455 2056642	+++++	109149	271944	1.00 100	4.00 300	+++++	20.0	50.0
Bromodichloromethane	FB	Ave	5809 855401	23476 2877039	+++++	140488	368383	1.00 100	4.00 300	+++++	20.0	50.0
2-Nitropropane	TBAd10	Lin1	11033 1675528	38123 +++++	+++++	250369	699719	5.00 500	20.0 +++++	+++++	100	250
2-Chloroethyl vinyl ether	FB	Ave	3566 433835	13091 1455439	+++++	74130	203709	1.00 100	4.00 300	+++++	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	6726 978546	27169 3451025	+++++	163464	428681	1.00 100	4.00 300	+++++	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	19734 2463089	71048 8121838	+++++	531092	1319150	2.00 200	8.00 600	+++++	40.0	100
Toluene	CBZd5	Ave	13548 1645190	53380 5362683	+++++	291720	743967	1.00 100	4.00 300	+++++	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	6197 854547	24010 2953449	+++++	144535	375871	1.00 100	4.00 300	+++++	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	8403 1003012	33260 3225424	+++++	182284	458166	1.00 100	4.00 300	+++++	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	4426 550709	17029 1817815	+++++	99512	245439	1.00 100	4.00 300	+++++	20.0	50.0
Tetrachloroethene	CBZd5	Ave	5211 691742	23498 2272089	+++++	122719	316138	1.00 100	4.00 300	+++++	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	7198 906892	29403 3099359	+++++	165388	409128	1.00 100	4.00 300	+++++	20.0	50.0
2-Hexanone	CBZd5	Ave	14431 1719402	55663 5726083	+++++	401747	995089	2.00 200	8.00 600	+++++	40.0	100
Dibromochloromethane	CBZd5	Ave	3796 594189	15200 2096234	+++++	93399	249659	1.00 100	4.00 300	+++++	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	4775 597279	19622 1969655	+++++	108473	270762	1.00 100	4.00 300	+++++	20.0	50.0
Chlorobenzene	CBZd5	Ave	14644 1738707	59178 5629528	+++++	317792	804764	1.00 100	4.00 300	+++++	20.0	50.0
1-Chlorohexane	CBZd5	Ave	7141 853818	30175 2662368	+++++	162948	402532	1.00 100	4.00 300	+++++	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	4949 736040	21838 2266519	+++++	126374	327535	1.00 100	4.00 300	+++++	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.: 410-214588-1 | Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 | Calibration End Date: 04/07/2025 17:19 | Calibration ID: 71472

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
Ethylbenzene	CBZd5	Ave	26496 3304962	114532 9722347	+++++	611794	1524782	1.00 100	4.00 300	+++++	20.0	50.0
m&p-Xylene	CBZd5	Ave	20870 2550074	87454 7905688	+++++	477934	1183570	2.00 200	8.00 600	+++++	40.0	100
o-Xylene	CBZd5	Ave	11002 1368051	47097 4154439	+++++	253816	626038	1.00 100	4.00 300	+++++	20.0	50.0
Styrene	CBZd5	Ave	16232 1970671	69901 5997919	+++++	373815	923513	1.00 100	4.00 300	+++++	20.0	50.0
Bromoform	CBZd5	Ave	2613 422387	10711 1424189	+++++	67809	182027	1.00 100	4.00 300	+++++	20.0	50.0
Isopropylbenzene	CBZd5	Ave	25642 3386964	112896 9128930	+++++	614498	1560353	1.00 100	4.00 300	+++++	20.0	50.0
Bromobenzene	DCBd4	Ave	6327 722366	26656 2245155	+++++	141060	339560	1.00 100	4.00 300	+++++	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	9257 1087112	37624 3355980	+++++	208401	502722	1.00 100	4.00 300	+++++	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	6196 865657	26115 2692208	+++++	154715	387808	2.50 250	10.0 750	+++++	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	3302 345649	13263 1045978	+++++	69719	161752	1.00 100	4.00 300	+++++	20.0	50.0
N-Propylbenzene	DCBd4	Ave	31739 3997870	142322 9629886	+++++	753403	1894985	1.00 100	4.00 300	+++++	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	6703 812384	28246 2520209	+++++	151238	374497	1.00 100	4.00 300	+++++	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	22675 3026899	102101 8312004	+++++	557593	1389168	1.00 100	4.00 300	+++++	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	6556 748449	27118 2262680	+++++	147881	352966	1.00 100	4.00 300	+++++	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	4163 625464	18714 1961018	+++++	108188	281477	1.00 100	4.00 300	+++++	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	24537 2986297	102388 8221799	+++++	562458	1371706	1.00 100	4.00 300	+++++	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	26491 3721192	120224 9307094	+++++	673583	1705741	1.00 100	4.00 300	+++++	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	12407 1409346	52732 4345649	+++++	275899	669223	1.00 100	4.00 300	+++++	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	23636 3156489	107086 8316491	+++++	585172	1489725	1.00 100	4.00 300	+++++	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	12740 1414629	52588 4337510	+++++	277372	672203	1.00 100	4.00 300	+++++	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.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
1,2,3-Trimethylbenzene	DCBd4	Ave	25380 3126419	108190 8351234	+++++	590240	1441922	1.00 100	4.00 300	+++++	20.0	50.0
Benzyl chloride	DCBd4	Ave	+++++ 2246855	59048 7098860	+++++	391407	1018111	+++++ 100	4.00 300	+++++	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	13326 1750355	61833 5292475	+++++	329682	840502	1.00 100	4.00 300	+++++	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	14710 1801662	64755 5422061	+++++	348821	877000	1.00 100	4.00 300	+++++	20.0	50.0
n-Butylbenzene	DCBd4	Ave	11831 1417075	52320 4244044	+++++	273710	693190	1.00 100	4.00 300	+++++	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	13672 1436617	53704 4220923	+++++	284509	680018	1.00 100	4.00 300	+++++	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	11519 1509216	50796 4665858	+++++	277230	691915	1.00 100	4.00 300	+++++	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	3099 404969	12425 1338202	+++++	74275	181486	1.00 100	4.00 300	+++++	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	9235 1041945	37111 3180089	+++++	193101	490599	1.00 100	4.00 300	+++++	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	9399 1039805	37940 3080043	+++++	197167	483683	1.00 100	4.00 300	+++++	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	2694 359906	12565 1157948	+++++	64046	167862	1.00 100	4.00 300	+++++	20.0	50.0
Naphthalene	DCBd4	Ave	42739 4561800	169414 9600204	+++++	894383	2157895	1.00 100	4.00 300	+++++	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	9194 1033869	37834 3071536	+++++	198104	490222	1.00 100	4.00 300	+++++	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	22535 2316143	78961 6567156	+++++	418959	1104772	1.00 100	4.00 300	+++++	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	352633 374390	343275 384816	+++++	360337	361042	50.0 50.0	50.0 50.0	+++++	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	80973 90960	79766 96649	+++++	84606	90085	50.0 50.0	50.0 50.0	+++++	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	1056504 1218470	1051309 1395845	+++++	1108234	1163149	50.0 50.0	50.0 50.0	+++++	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	451380 466809	458651 506861	+++++	464156	468453	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 Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-627062/4	FA07X03.D
Level 2	IC 410-627062/5	FA07X04.D
Level 3	IC 410-627062/6	FA07X05.D
Level 4	IC 410-627062/7	FA07X06.D
Level 5	ICIS 410-627062/8	FA07X07.D
Level 6	IC 410-627062/9	FA07X08.D
Level 7	IC 410-627062/10	FA07X09.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	-6.2 -10.4	11.2	+++++	0.8	4.6	-0.1	50 30	30		30	30	30
Chloromethane	10.0 -14.6	13.8	+++++	-2.3	0.0	-6.9	50 30	30		30	30	30
Vinyl chloride	-2.3 -13.4	14.5	+++++	1.8	3.4	-3.9	50 30	30		30	30	30
1,3-Butadiene	25.9 -19.9	15.8	+++++	-5.7	-5.3	-10.8	50 30	30		30	30	30
Bromomethane	9.8 -15.0	9.4	+++++	0.6	0.7	-5.5	50 30	30		30	30	30
Chloroethane	12.6 -15.0	9.6	+++++	-1.4	0.1	-5.9	50 30	30		30	30	30
n-Pentane	25.4 -18.9	13.5	+++++	-1.0	-8.3	-10.7	50 30	30		30	30	30
Dichlorofluoromethane	3.7 -10.7	6.0	+++++	1.9	2.1	-2.9	50 30	30		30	30	30
Trichlorofluoromethane	-7.6 -10.4	11.3	+++++	3.9	3.9	-1.2	50 30	30		30	30	30
Freon 123a	7.5 -13.7	12.3	+++++	-2.1	1.2	-5.2	50 30	30		30	30	30
Acrolein	-14.4 8.0	-15.6	+++++	14.7	3.3	4.0	50 30	30		30	30	30
1,1-Dichloroethene	-2.6 -13.5	8.2	+++++	9.4	0.4	-1.9	50 30	30		30	30	30
Acetone	25.6 -5.4	-4.2	+++++	-2.2	-4.3	-9.5	50 30	30		30	30	30
Freon 113	-7.3 -13.5	15.8	+++++	6.2	-0.2	-0.9	50 30	30		30	30	30
Methyl iodide	-0.8 -13.2	7.9	+++++	7.7	0.1	-1.6	50 30	30		30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
2-Propanol	11.1 10.8	-15.5	+++++	-2.8	-9.4	5.9	50 30	30		30	30	30
Carbon disulfide	4.0 -9.6	5.7	+++++	2.2	-1.2	-1.2	50 30	30		30	30	30
Allyl chloride	16.8 -12.9	-1.3	+++++	2.0	-2.1	-2.5	50 30	30		30	30	30
Methyl acetate	11.2 -12.6	1.6	+++++	4.8	-2.7	-2.3	50 30	30		30	30	30
Methylene Chloride	5.3 -12.6	8.1	+++++	4.9	-2.6	-3.1	50 30	30		30	30	30
t-Butyl alcohol	0.2 -1.7	-2.1	+++++	3.6	-1.9	1.8	50 30	30		30	30	30
Acrylonitrile	6.0 -11.7	6.2	+++++	4.3	-1.4	-3.5	50 30	30		30	30	30
trans-1,2-Dichloroethene	0.3 -13.4	8.2	+++++	6.5	0.2	-1.8	50 30	30		30	30	30
Methyl tert-butyl ether	6.1 -12.4	6.2	+++++	4.8	-2.2	-2.5	50 30	30		30	30	30
n-Hexane	-9.9 -9.2	8.5	+++++	5.7	3.4	1.5	50 30	30		30	30	30
1,1-Dichloroethane	1.8 -11.4	4.8	+++++	6.1	-0.7	-0.6	50 30	30		30	30	30
Isopropyl ether	2.7 -9.0	3.3	+++++	4.6	-1.0	-0.5	50 30	30		30	30	30
2-Chloro-1,3-butadiene	-0.8 -10.8	6.1	+++++	6.0	0.5	-1.0	50 30	30		30	30	30
Ethyl t-butyl ether	-0.5 -8.5	3.8	+++++	4.9	-0.4	0.6	50 30	30		30	30	30
2-Butanone (MEK)	13.0 -1.9	-13.3	+++++	1.9	3.1	-2.9	50 30	30		30	30	30
cis-1,2-Dichloroethene	4.9 -13.2	6.7	+++++	5.1	-2.0	-1.4	50 30	30		30	30	30
2,2-Dichloropropane	-0.9 -10.2	5.1	+++++	5.7	0.4	0.0	50 30	30		30	30	30
Propionitrile	-3.9 5.8	-9.6	+++++	6.2	-3.7	5.1	50 30	30		30	30	30
Methacrylonitrile	1.1 -1.5	-2.4	+++++	1.2	-1.6	3.2	50 30	30		30	30	30
Tetrahydrofuran	-1.2 7.2	-12.0	+++++	6.9	-5.3	4.4	50 30	30		30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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	6.9 -15.1	5.2	+++++	5.6	-0.9	-1.8	50 30	30		30	30	30
Chloroform	-0.5 -10.1	5.8	+++++	4.6	-0.2	0.3	50 30	30		30	30	30
1,1,1-Trichloroethane	-4.0 -7.2	4.3	+++++	5.4	0.6	0.9	50 30	30		30	30	30
Cyclohexane	-0.8 -10.7	10.6	+++++	3.4	-0.9	-1.5	50 30	30		30	30	30
Carbon tetrachloride	-11.8 -1.7	3.2	+++++	3.8	1.9	4.5	50 30	30		30	30	30
1,1-Dichloropropene	-11.0 -1.0	1.8	+++++	4.4	1.7	4.1	50 30	30		30	30	30
Isobutyl alcohol	12.2 1.3	-10.6	+++++	0.1	-5.1	2.2	50 30	30		30	30	30
Benzene	-7.2 -1.2	-0.6	+++++	4.1	0.5	4.3	50 30	30		30	30	30
1,2-Dichloroethane	4.9 -3.3	-0.6	+++++	-0.2	-2.3	1.5	50 30	30		30	30	30
t-Amyl methyl ether	2.2 -7.8	1.6	+++++	3.8	-1.1	1.3	50 30	30		30	30	30
n-Heptane	3.5 -7.1	9.4	+++++	-1.9	-3.1	-0.9	50 30	30		30	30	30
n-Butanol	-2.4 5.2	-13.8	+++++	2.9	0.5	7.6	50 30	30		30	30	30
Trichloroethene	-7.8 3.8	-1.9	+++++	0.5	0.4	5.0	50 30	30		30	30	30
Methylcyclohexane	-11.2 -7.1	9.2	+++++	3.9	3.0	2.2	50 30	30		30	30	30
1,2-Dichloropropane	0.3 2.2	-4.4	+++++	-0.9	-1.2	3.9	50 30	30		30	30	30
t-Amyl ethyl ether	-6.7 -3.7	2.8	+++++	4.0	1.0	2.7	50 30	30		30	30	30
1,4-Dioxane	-16.0 6.0	0.1	+++++	-2.7	2.5	10.0	50 30	30		30	30	30
Dibromomethane	1.1 0.5	-3.3	+++++	0.8	-2.1	3.0	50 30	30		30	30	30
Methyl methacrylate	-2.7 5.0	-3.5	+++++	0.5	-2.7	3.4	50 30	30		30	30	30
Bromodichloromethane	-13.8 13.0	-10.4	+++++	-0.5	1.4	10.3	50 30	30		30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
2-Nitropropane	34.3 +++++	-22.8	+++++	-8.8	-10.0	7.3	50	30		30	30	30
2-Chloroethyl vinyl ether	-2.2 5.7	-7.6	+++++	-2.9	3.6	3.4	50 30	30		30	30	30
cis-1,3-Dichloropropene	-14.3 16.3	-11.0	+++++	-0.6	1.3	8.3	50 30	30		30	30	30
4-Methyl-2-pentanone (MIBK)	-9.4 -1.4	-16.1	+++++	16.4	12.3	-1.8	50 30	30		30	30	30
Toluene	-4.0 1.4	-6.0	+++++	0.8	0.6	7.1	50 30	30		30	30	30
trans-1,3-Dichloropropene	-11.7 12.2	-15.0	+++++	0.4	2.2	11.9	50 30	30		30	30	30
Ethyl methacrylate	-3.3 -1.0	-4.9	+++++	2.3	0.7	6.1	50 30	30		30	30	30
1,1,2-Trichloroethane	-5.5 3.5	-9.7	+++++	3.6	0.0	8.0	50 30	30		30	30	30
Tetrachloroethene	-11.9 2.5	-1.3	+++++	1.2	2.0	7.5	50 30	30		30	30	30
1,3-Dichloropropane	-8.1 5.6	-6.7	+++++	3.0	-0.3	6.4	50 30	30		30	30	30
2-Hexanone	-11.6 -6.4	-15.2	+++++	20.0	16.4	-3.2	50 30	30		30	30	30
Dibromochloromethane	-18.5 20.1	-18.9	+++++	-2.2	2.3	17.2	50 30	30		30	30	30
1,2-Dibromoethane (EDB)	-7.1 2.2	-5.2	+++++	2.9	0.5	6.7	50 30	30		30	30	30
Chlorobenzene	-3.6 -1.2	-3.3	+++++	2.0	1.0	5.1	50 30	30		30	30	30
1-Chlorohexane	-5.2 -5.8	-0.5	+++++	5.4	1.9	4.1	50 30	30		30	30	30
1,1,1,2-Tetrachloroethane	-16.6 1.9	-8.5	+++++	3.9	5.4	14.0	50 30	30		30	30	30
Ethylbenzene	-6.6 -8.6	0.3	+++++	5.2	2.6	7.1	50 30	30		30	30	30
m&p-Xylene	-5.9 -4.9	-2.0	+++++	5.1	1.9	5.7	50 30	30		30	30	30
o-Xylene	-6.6 -5.9	-0.7	+++++	5.1	1.4	6.7	50 30	30		30	30	30
Styrene	-6.0 -7.3	0.6	+++++	5.6	2.1	4.9	50 30	30		30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
Bromoform	-20.6 15.5	-19.1	+++++	0.5	5.6	18.0	50 30	30		30	30	30
Isopropylbenzene	-8.9 -13.5	-0.3	+++++	6.4	5.8	10.6	50 30	30		30	30	30
Bromobenzene	-7.3 2.3	-2.4	+++++	3.8	-0.9	4.5	50 30	30		30	30	30
1,1,2,2-Tetrachloroethane	-7.9 3.8	-6.5	+++++	4.1	-0.3	6.8	50 30	30		30	30	30
trans-1,4-Dichloro-2-butene	-17.6 11.2	-13.3	+++++	3.3	2.7	13.7	50 30	30		30	30	30
1,2,3-Trichloropropane	-0.9 -2.5	-0.6	+++++	5.0	-3.3	2.4	50 30	30		30	30	30
N-Propylbenzene	-10.3 -15.4	0.5	+++++	6.9	6.7	11.6	50 30	30		30	30	30
2-Chlorotoluene	-10.0 5.2	-5.2	+++++	2.0	0.2	7.8	50 30	30		30	30	30
1,3,5-Trimethylbenzene	-14.7 -2.9	-4.1	+++++	5.2	4.1	12.4	50 30	30		30	30	30
4-Chlorotoluene	-6.8 0.0	-3.7	+++++	5.5	0.0	5.1	50 30	30		30	30	30
tert-Butylbenzene	-22.3 13.8	-12.8	+++++	1.4	4.7	15.3	50 30	30		30	30	30
1,2,4-Trimethylbenzene	-8.4 -4.6	-4.5	+++++	5.4	2.0	10.1	50 30	30		30	30	30
sec-Butylbenzene	-16.3 -8.6	-5.2	+++++	6.8	7.3	16.0	50 30	30		30	30	30
1,3-Dichlorobenzene	-7.2 1.1	-1.4	+++++	3.6	-0.2	4.1	50 30	30		30	30	30
p-Isopropyltoluene	-14.8 -6.8	-3.6	+++++	5.9	7.0	12.4	50 30	30		30	30	30
1,4-Dichlorobenzene	-5.2 0.3	-2.3	+++++	3.6	-0.3	3.9	50 30	30		30	30	30
1,2,3-Trimethylbenzene	-9.1 -7.1	-3.2	+++++	6.1	2.9	10.5	50 30	30		30	30	30
Benzyl chloride	+++++ 11.5	-25.5	+++++	-0.7	2.5	12.1	30	50		30	30	30
1,3-Diethylbenzene	-16.5 3.0	-3.3	+++++	3.6	4.9	8.3	50 30	30		30	30	30
1,4-Diethylbenzene	-12.2 0.6	-3.4	+++++	4.5	4.3	6.2	50 30	30		30	30	30

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
READBACK PERCENT ERROR

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1 Analy Batch No.: 627062

SDG No.:

Instrument ID: 15830 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 04/07/2025 15:24 Calibration End Date: 04/07/2025 17:19 Calibration ID: 71472

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
n-Butylbenzene	-10.9 -0.6	-1.5	+++++	3.5	4.1	5.4	50 30	30		30	30	30
1,2-Dichlorobenzene	-0.2 -4.3	-2.1	+++++	4.2	-1.1	3.5	50 30	30		30	30	30
1,2-Diethylbenzene	-15.0 7.0	-6.4	+++++	2.7	1.7	10.0	50 30	30		30	30	30
1,2-Dibromo-3-Chloropropane	-14.3 15.0	-14.2	+++++	3.1	0.0	10.5	50 30	30		30	30	30
1,3,5-Trichlorobenzene	-4.7 2.0	-4.3	+++++	0.0	0.9	6.2	50 30	30		30	30	30
1,2,4-Trichlorobenzene	-3.2 -1.4	-2.4	+++++	1.9	-0.7	5.8	50 30	30		30	30	30
Hexachlorobutadiene	-17.3 10.5	-3.6	+++++	-1.3	2.7	9.1	50 30	30		30	30	30
Naphthalene	3.5 -27.8	2.5	+++++	8.7	4.1	9.1	50 30	30		30	30	30
1,2,3-Trichlorobenzene	-5.1 -1.4	-2.4	+++++	2.7	0.9	5.4	50 30	30		30	30	30
2-Methylnaphthalene	5.2 -4.8	-8.0	+++++	-1.9	2.7	6.7	50 30	30		30	30	30
Dibromofluoromethane (Surr)	5.0 -9.1	5.1	+++++	2.4	-0.3	-3.2	50 30	30		30	30	30
1,2-Dichloroethane-d4 (Surr)	0.6 -4.7	1.9	+++++	0.3	3.7	-1.8	50 30	30		30	30	30
Toluene-d8 (Surr)	-2.9 2.6	-4.0	+++++	-0.7	2.0	2.9	50 30	30		30	30	30
4-Bromofluorobenzene (Surr)	2.5 -7.9	3.6	+++++	2.8	1.5	-2.6	50 30	30		30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Lims ID: IC v1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 07-Apr-2025 15:24:17 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v1
Misc. Info.: 410-0143206-004
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:34 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 16:21:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.008	1.011	-0.003	30	9262	1.00	0.9384	
2 Chloromethane	50	1.117	1.117	0.000	98	12233	1.00	1.10	M
4 Vinyl chloride	62	1.179	1.175	0.004	81	9445	1.00	0.9766	
3 Butadiene	39	1.185	1.182	0.003	38	14260	1.00	1.26	M
5 Bromomethane	94	1.359	1.358	0.001	92	7514	1.00	1.10	
6 Chloroethane	64	1.381	1.371	0.010	64	6412	1.00	1.13	M
7 Pentane	43	1.513	1.519	-0.006	38	12445	1.00	1.25	M
8 Dichlorofluoromethane	67	1.545	1.542	0.003	96	17034	1.00	1.04	
9 Trichlorofluoromethane	101	1.561	1.558	0.003	94	11552	1.00	0.9240	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.722	1.728	-0.006	54	9119	1.00	1.08	
11 Acrolein	56	1.744	1.741	0.003	96	23728	9.76	8.35	
12 1,1-Dichloroethene	96	1.806	1.809	-0.003	63	5747	1.00	0.9744	
13 Acetone	58	1.876	1.844	0.032	84	4025	2.00	2.51	M
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.870	1.863	0.007	27	6379	1.00	0.9266	M
15 Iodomethane	142	1.921	1.928	-0.007	85	12054	1.00	0.99	
16 Isopropyl alcohol	45	1.950	1.944	0.006	24	7660	5.00	5.55	M
17 Carbon disulfide	76	1.963	1.966	-0.003	97	21257	1.00	1.04	M
19 Methyl acetate	43	2.066	2.063	0.003	41	10291	1.00	1.11	M
18 3-Chloro-1-propene	41	2.066	2.066	0.000	84	12255	1.00	1.17	M
20 Methylene Chloride	84	2.172	2.175	-0.003	76	7598	1.00	1.05	
* 21 t-Butyl alcohol-d10 (IS)	65	2.294	2.275	0.019	64	874595	250.0	250.0	
22 2-Methyl-2-propanol	59	2.333	2.336	-0.003	71	17338	5.00	5.01	
23 Acrylonitrile	53	2.355	2.352	0.003	39	13525	2.50	2.65	M
24 trans-1,2-Dichloroethene	96	2.375	2.374	0.001	98	6738	1.00	1.00	
25 Methyl tert-butyl ether	73	2.391	2.403	-0.012	47	23225	1.00	1.06	M
26 Hexane	57	2.593	2.593	0.000	70	6962	1.00	0.9007	M
27 1,1-Dichloroethane	63	2.722	2.718	0.004	94	11899	1.00	1.02	
28 Isopropyl ether	45	2.760	2.767	-0.007	86	19759	1.00	1.03	M
29 2-Chloro-1,3-butadiene	53	2.780	2.773	0.007	89	10316	1.00	0.99	M
30 Tert-butyl ethyl ether	59	3.053	3.053	0.000	95	21166	1.00	1.00	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.146	3.136	0.010	40	14219	2.00	2.26	M
32 cis-1,2-Dichloroethene	96	3.169	3.169	0.000	80	8127	1.00	1.05	
33 2,2-Dichloropropane	77	3.195	3.191	0.004	49	10897	1.00	0.99	M
34 Propionitrile	54	3.188	3.220	-0.032	89	12383	5.00	4.81	M
35 Methacrylonitrile	67	3.307	3.336	-0.029	87	10668	2.50	2.53	M
37 Tetrahydrofuran	71	3.336	3.336	0.000	90	11402	5.00	4.94	M
36 Chlorobromomethane	128	3.352	3.352	0.000	91	3960	1.00	1.07	
39 Chloroform	83	3.449	3.448	0.001	93	11572	1.00	1.00	
$ 40 Dibromofluoromethane (Surr)	113	3.574	3.571	0.003	93	352633	50.0	52.5	
41 1,1,1-Trichloroethane	97	3.574	3.574	0.000	80	10164	1.00	0.9596	M
42 Cyclohexane	56	3.629	3.625	0.004	89	11933	1.00	0.99	M
43 1,1-Dichloropropene	75	3.696	3.690	0.006	93	7729	1.00	0.8905	
44 Carbon tetrachloride	117	3.680	3.696	-0.016	87	7484	1.00	0.8823	
45 Isobutyl alcohol	41	3.809	3.808	0.001	38	11878	12.5	14.0	M
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.838	3.831	0.007	84	80973	50.0	50.3	
47 Benzene	78	3.841	3.847	-0.006	93	23090	1.00	0.9276	
48 1,2-Dichloroethane	62	3.892	3.902	-0.010	87	8801	1.00	1.05	
49 Tert-amyl methyl ether	73	3.973	3.979	-0.006	97	21114	1.00	1.02	
* 50 Fluorobenzene (IS)	96	4.079	4.098	-0.019	99	1194434	50.0	50.0	
51 n-Heptane	43	4.104	4.104	0.000	37	6266	1.00	1.04	
52 n-Butanol	56	4.362	4.355	0.007	27	8703	12.5	12.2	M
53 Trichloroethene	95	4.378	4.394	-0.016	96	5721	1.00	0.9219	M
54 Methylcyclohexane	83	4.574	4.583	-0.009	90	10505	1.00	0.8883	
55 1,2-Dichloropropane	63	4.596	4.596	0.000	68	5732	1.00	1.00	
56 2-ethoxy-2-methyl butane	87	4.635	4.625	0.010	91	9735	1.00	0.9326	
57 1,4-Dioxane	88	4.648	4.657	-0.009	27	1886	12.5	10.5	M
58 Methyl methacrylate	69	4.674	4.670	0.004	91	5047	1.00	0.9732	
59 Dibromomethane	93	4.670	4.673	-0.003	55	3952	1.00	1.01	
60 Dichlorobromomethane	83	4.822	4.831	-0.009	94	5809	1.00	0.8619	
61 2-Nitropropane	41	5.014	5.011	0.003	94	11033	5.00	6.71	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	90	3566	1.00	0.9782	
63 cis-1,3-Dichloropropene	75	5.198	5.197	0.001	92	6726	1.00	0.8567	
64 4-Methyl-2-pentanone (MIBK)	43	5.339	5.339	0.000	96	19734	2.00	1.81	
$ 65 Toluene-d8 (Surr)	98	5.416	5.416	0.000	93	1056504	50.0	48.6	
66 Toluene	92	5.471	5.474	-0.003	99	13548	1.00	0.9603	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	93	6197	1.00	0.8829	
68 Ethyl methacrylate	69	5.744	5.741	0.003	89	8403	1.00	0.9674	
69 1,1,2-Trichloroethane	97	5.825	5.824	0.001	90	4426	1.00	0.9450	
70 Tetrachloroethene	166	5.870	5.873	-0.003	92	5211	1.00	0.8812	
71 1,3-Dichloropropane	76	5.940	5.937	0.003	92	7198	1.00	0.9194	
72 2-Hexanone	43	6.002	5.995	0.007	94	14431	2.00	1.77	
73 Chlorodibromomethane	129	6.088	6.091	-0.003	85	3796	1.00	0.8151	
S 74 1,2-Dichloroethene, Total	100				0			2.05	
75 Ethylene Dibromide	107	6.159	6.159	0.000	97	4775	1.00	0.9288	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.480	0.001	85	818980	50.0	50.0	
77 Chlorobenzene	112	6.497	6.500	-0.003	96	14644	1.00	0.9635	
78 1-Chlorohexane	91	6.510	6.506	0.004	90	7141	1.00	0.9477	
79 1,1,1,2-Tetrachloroethane	131	6.571	6.567	0.004	43	4949	1.00	0.8342	
80 Ethylbenzene	91	6.574	6.570	0.004	98	26496	1.00	0.9342	
81 m-Xylene & p-Xylene	106	6.657	6.657	0.000	100	20870	2.00	1.88	
82 o-Xylene	106	6.892	6.895	-0.003	96	11002	1.00	0.9340	
83 Styrene	104	6.905	6.908	-0.003	94	16232	1.00	0.9405	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.011	7.008	0.003	90	2613	1.00	0.7945	
85 Isopropylbenzene	105	7.117	7.120	-0.003	96	25642	1.00	0.9109	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	451380	50.0	51.3	
87 Bromobenzene	156	7.294	7.291	0.003	92	6327	1.00	0.9272	
88 1,1,2,2-Tetrachloroethane	83	7.304	7.307	-0.003	96	9257	1.00	0.9211	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	84	6196	2.50	2.06	
90 1,2,3-Trichloropropane	110	7.333	7.332	0.001	86	3302	1.00	0.99	
91 N-Propylbenzene	91	7.362	7.361	0.001	98	31739	1.00	0.8971	
92 2-Chlorotoluene	126	7.403	7.406	-0.003	96	6703	1.00	0.9004	
93 1,3,5-Trimethylbenzene	105	7.464	7.464	0.000	95	22675	1.00	0.8526	
94 4-Chlorotoluene	126	7.477	7.474	0.003	98	6556	1.00	0.9319	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	4163	1.00	0.7770	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	97	24537	1.00	0.9160	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	26491	1.00	0.8366	
98 1,3-Dichlorobenzene	146	7.818	7.818	0.000	96	12407	1.00	0.9284	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	95	23636	1.00	0.8520	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	96	517834	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.873	7.876	-0.003	91	12740	1.00	0.9479	
102 1,2,3-Trimethylbenzene	105	7.889	7.892	-0.003	98	25380	1.00	0.9086	
103 Benzyl chloride	91	7.937	7.937	0.000	98	12812	1.00	0.6475	
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	94	13326	1.00	0.8346	
105 p-Diethylbenzene	119	8.046	8.046	0.000	93	14710	1.00	0.8781	
106 n-Butylbenzene	92	8.059	8.059	0.000	97	11831	1.00	0.8914	
107 1,2-Dichlorobenzene	146	8.066	8.066	0.000	97	13672	1.00	1.00	
108 o-diethylbenzene	119	8.098	8.098	0.000	94	11519	1.00	0.8500	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	81	3099	1.00	0.8567	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	94	9235	1.00	0.9529	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	94	9399	1.00	0.9681	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	93	2694	1.00	0.8270	
113 Naphthalene	128	9.014	9.014	0.000	97	42739	1.00	1.03	
114 1,2,3-Trichlorobenzene	180	9.124	9.123	0.001	94	9194	1.00	0.9493	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	93	22535	1.00	1.05	
S 139 1,3-Dichloropropene, Total	100				0			1.74	
S 140 Xylenes, Total	106				0			2.82	
S 141 Total Diethylbenzene	1				0			2.56	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppb_00012	Amount Added: 12.50	Units: mL	
MSV_Cent_ISSS_00032	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:35 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D

Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830 Operator ID: knk41612

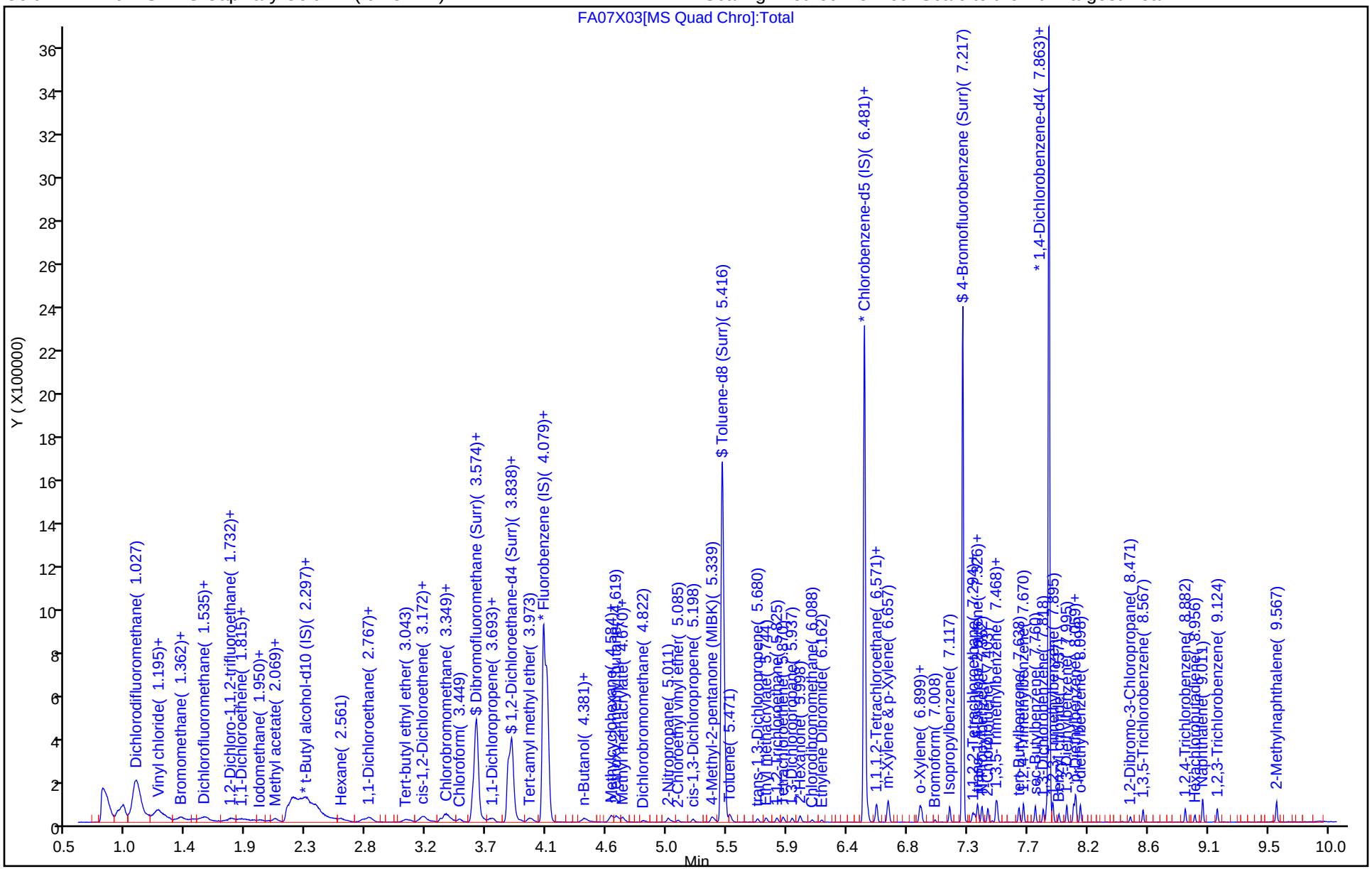
Lims ID: IC v1 Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 53

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

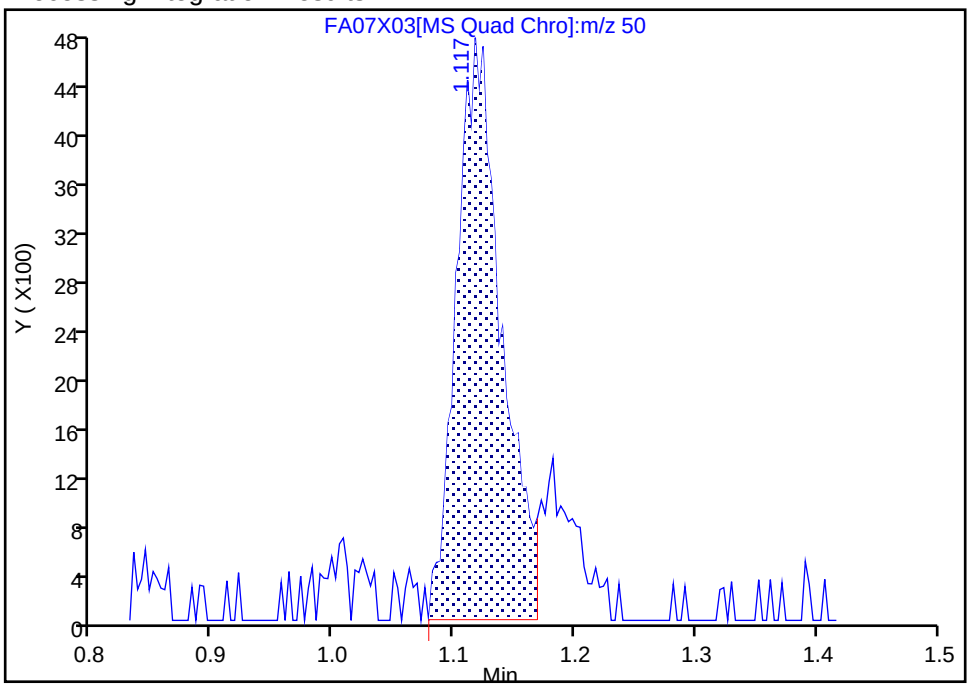
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

2 Chloromethane, CAS: 74-87-3

Signal: 1

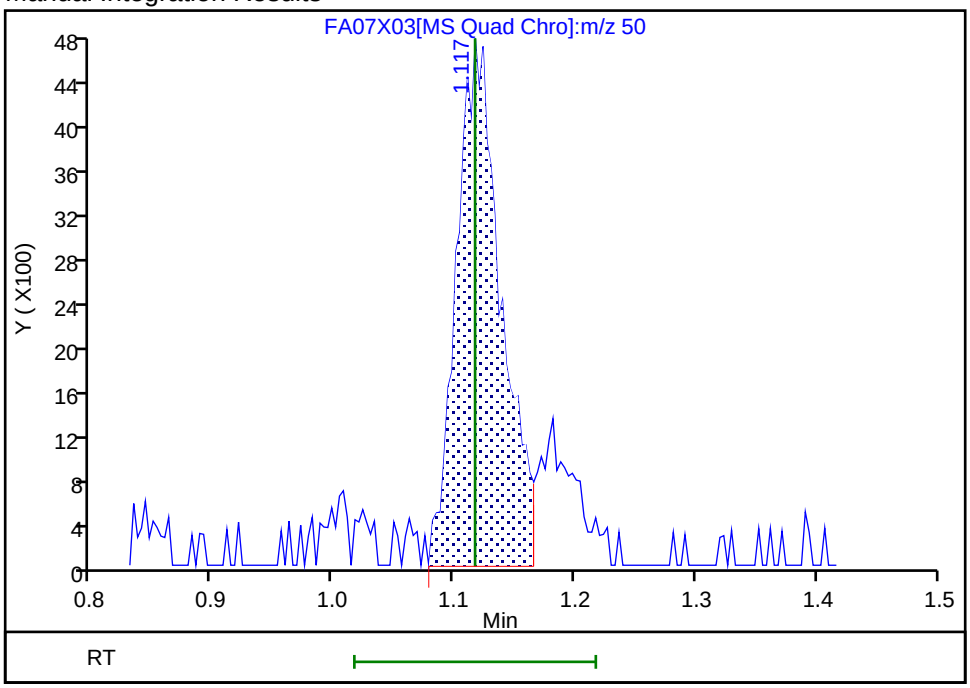
Processing Integration Results

RT: 1.12
Area: 12396
Amount: 0.987231
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 12233
Amount: 1.100248
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:36:10 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

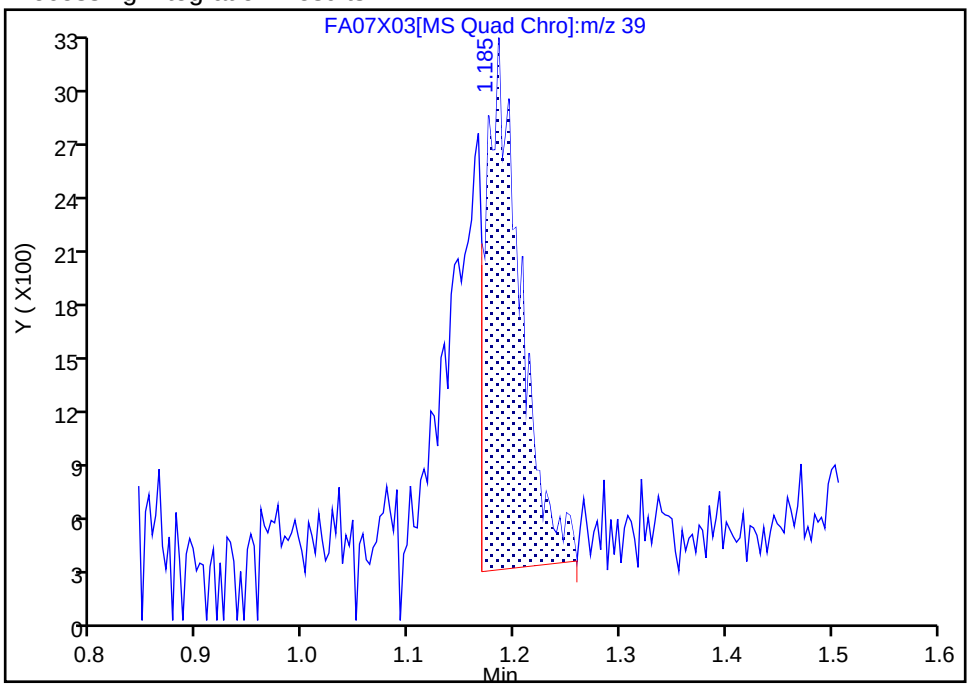
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

3 Butadiene, CAS: 106-99-0

Signal: 1

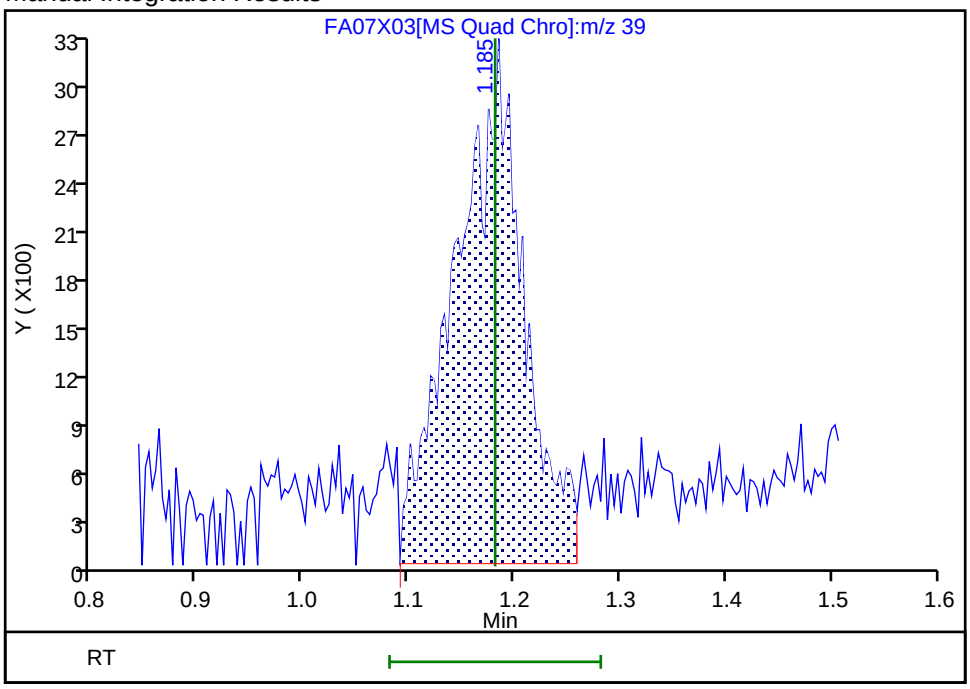
Processing Integration Results

RT: 1.18
Area: 6530
Amount: 0.600171
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 14260
Amount: 1.258865
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:36:31 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

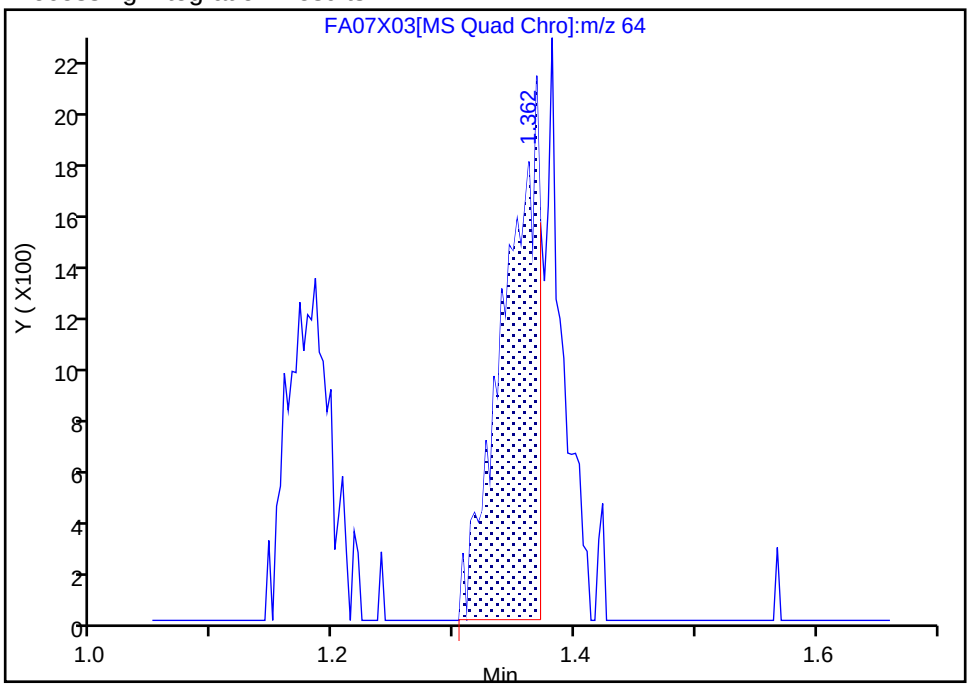
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

6 Chloroethane, CAS: 75-00-3

Signal: 1

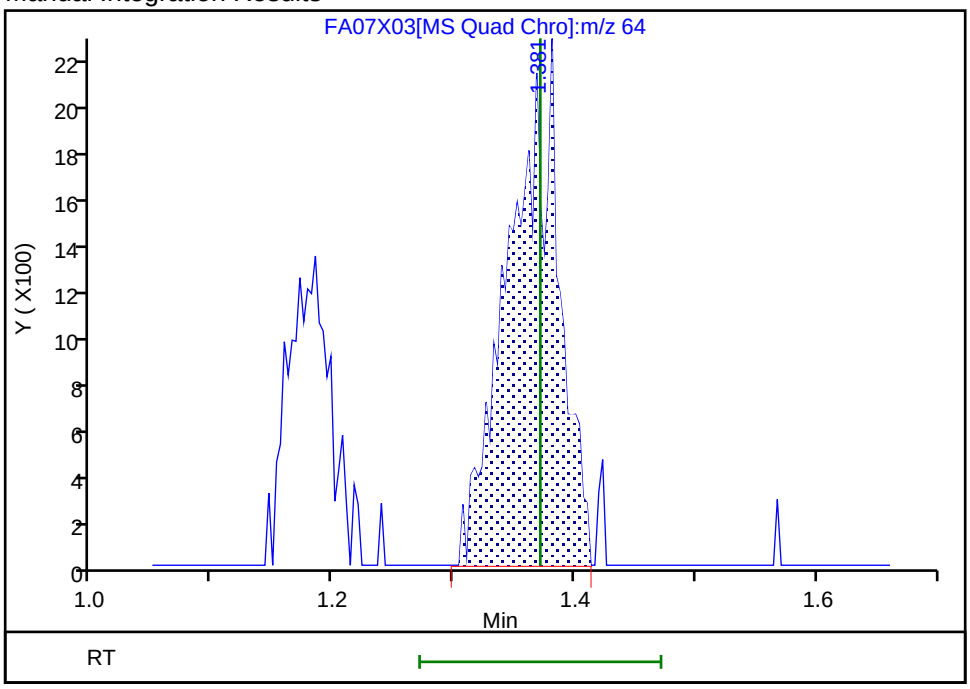
Processing Integration Results

RT: 1.36
Area: 4157
Amount: 0.729974
Amount Units: ug/l



Manual Integration Results

RT: 1.38
Area: 6412
Amount: 1.126238
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:36:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

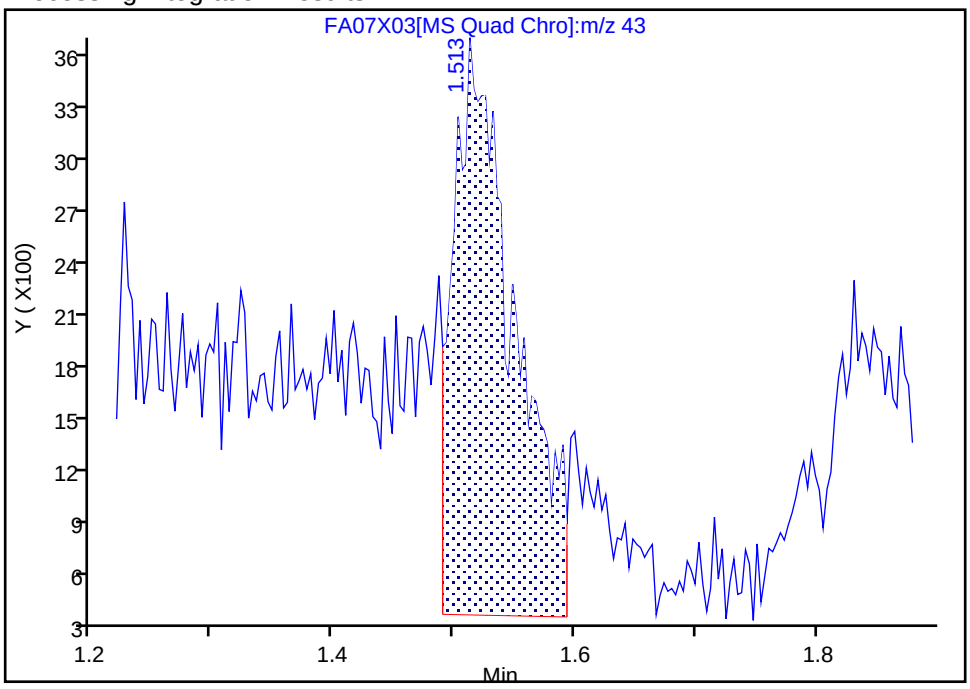
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

7 Pentane, CAS: 109-66-0

Signal: 1

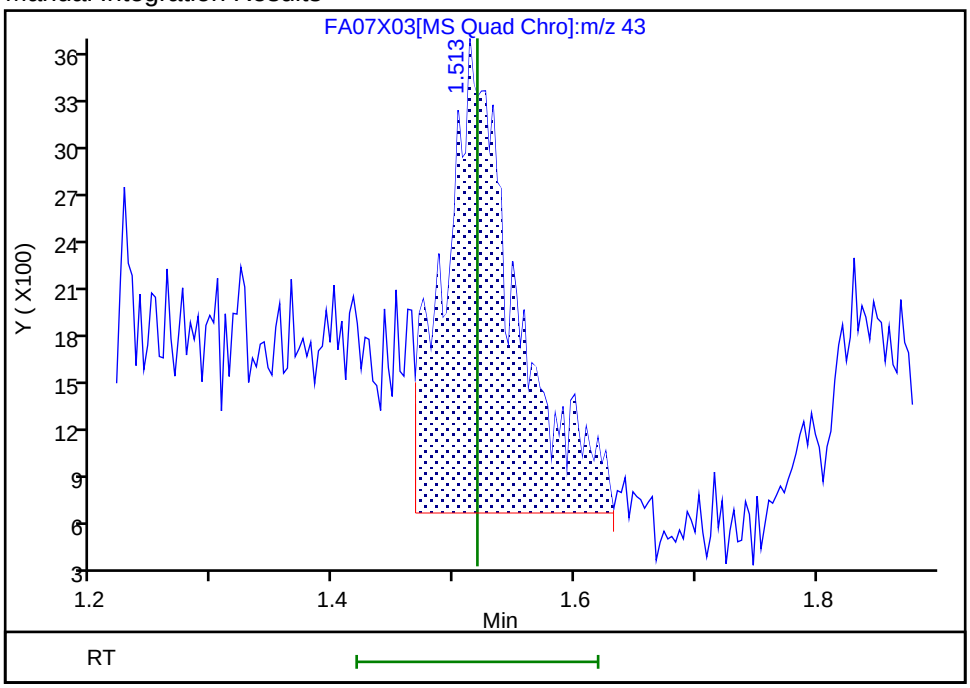
Processing Integration Results

RT: 1.51
Area: 11678
Amount: 1.502767
Amount Units: ug/l



Manual Integration Results

RT: 1.51
Area: 12445
Amount: 1.253864
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:37:43 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

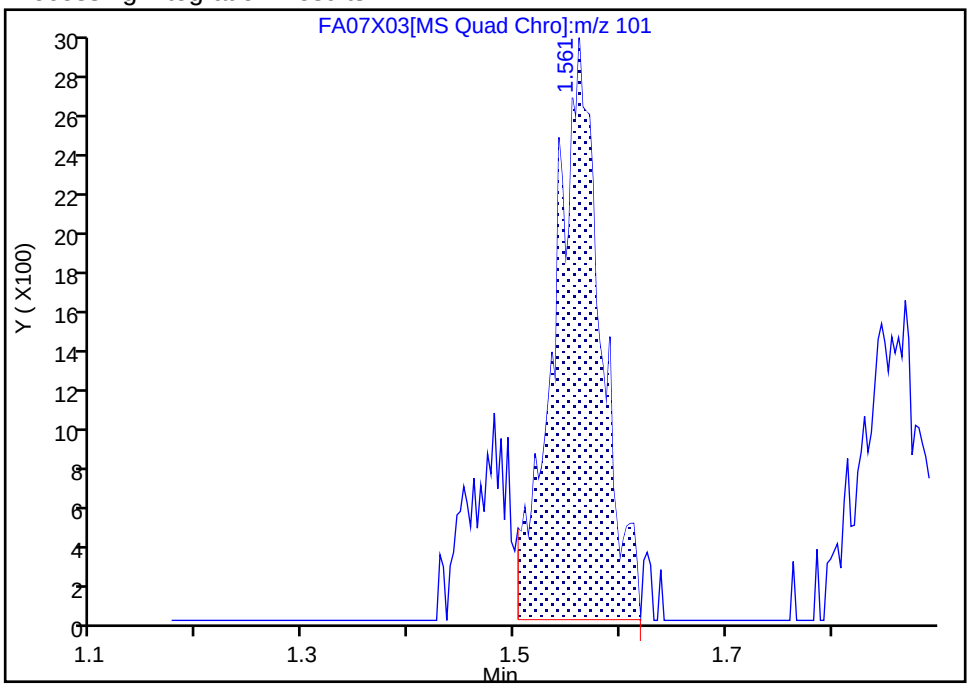
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

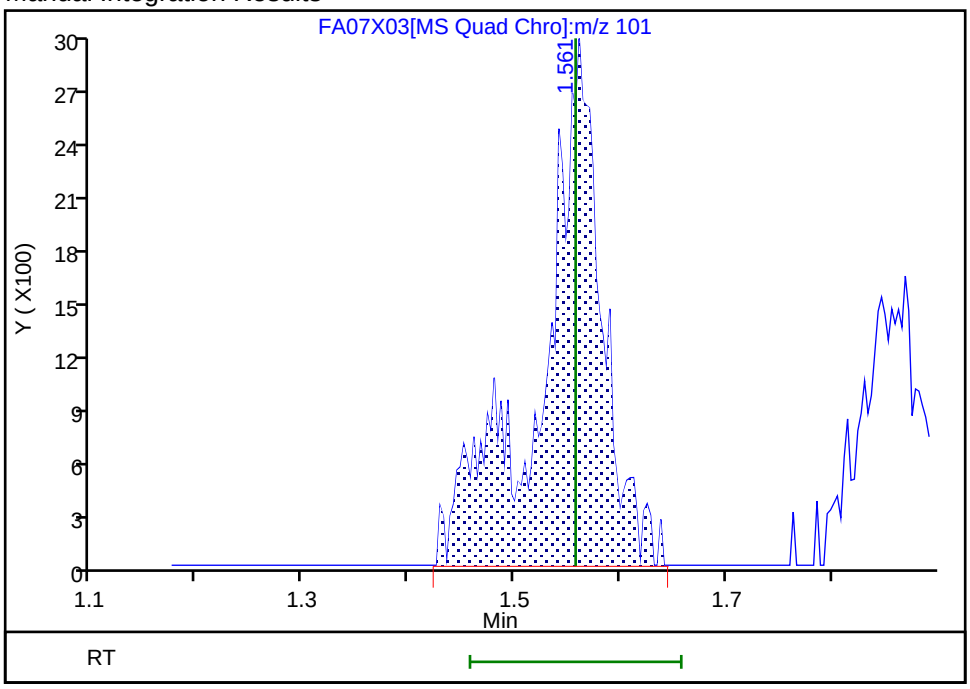
Processing Integration Results

RT: 1.56
Area: 8865
Amount: 0.982549
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 11552
Amount: 0.923952
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:38:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

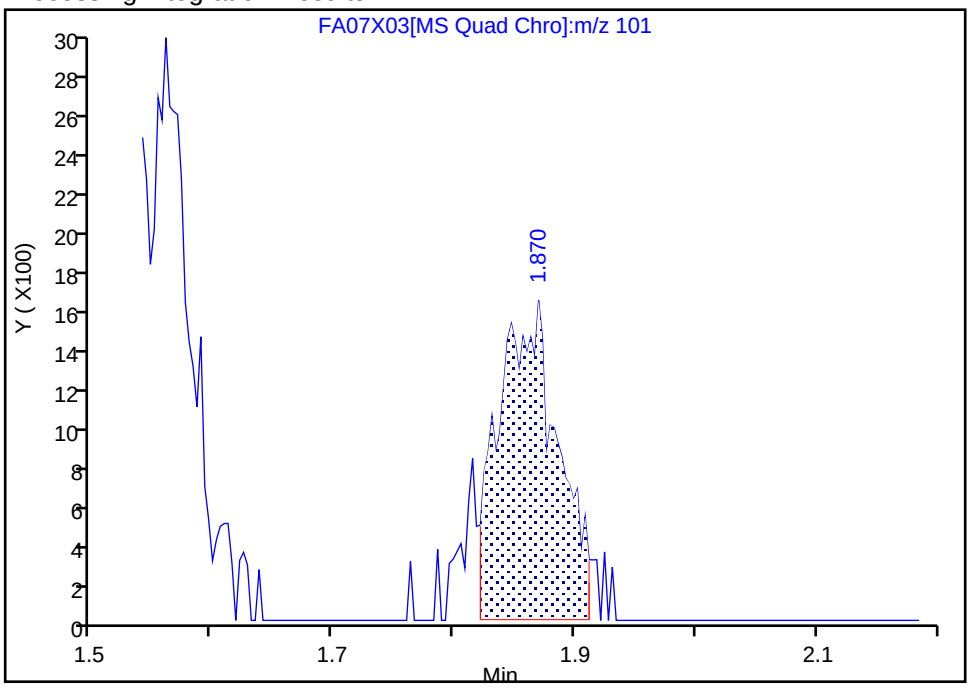
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

14 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

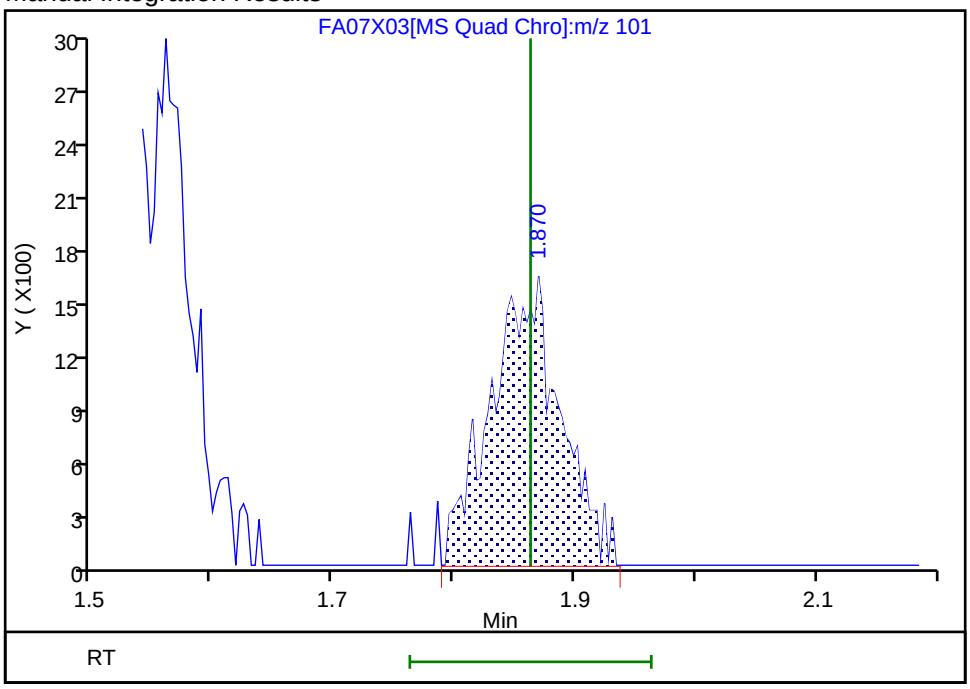
Processing Integration Results

RT: 1.87
Area: 5476
Amount: 0.830058
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 6379
Amount: 0.926644
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:39:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

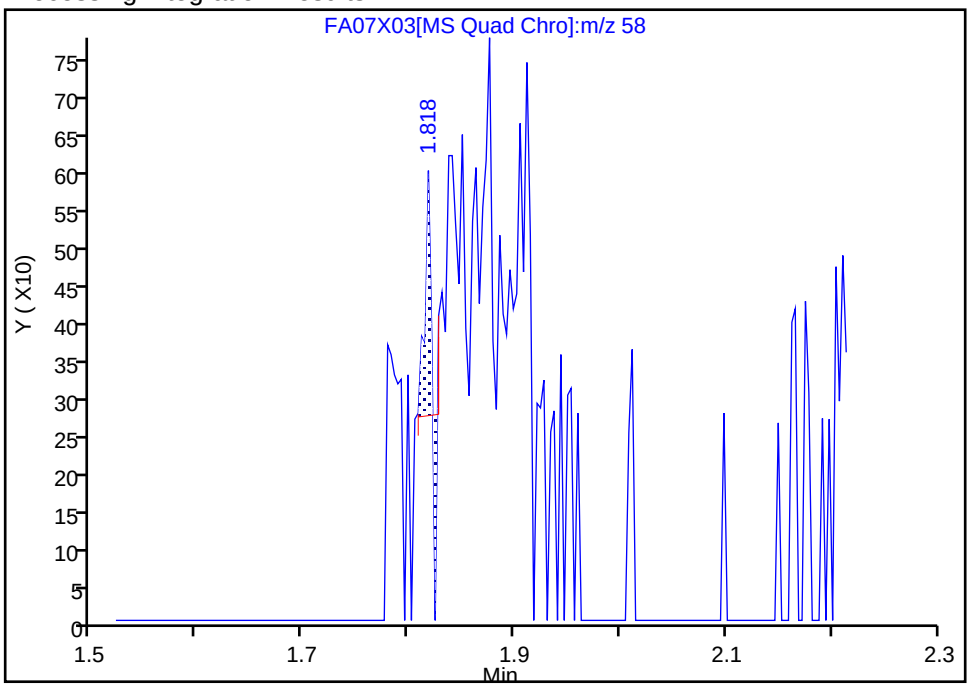
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

13 Acetone, CAS: 67-64-1

Signal: 1

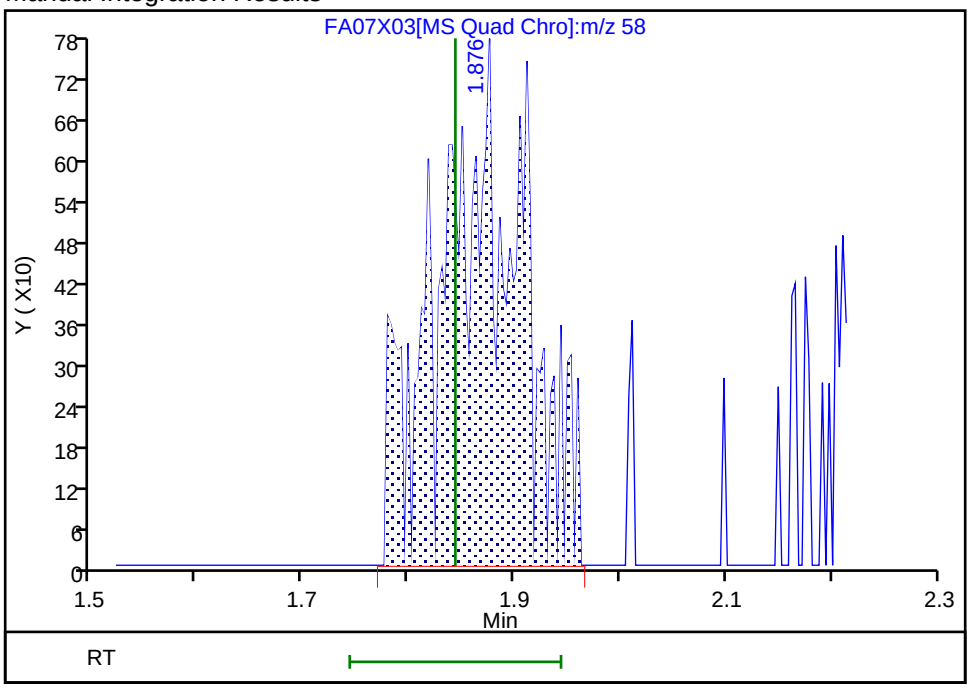
Processing Integration Results

RT: 1.82
Area: 95
Amount: 0.073482
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 4025
Amount: 2.511416
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:38:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

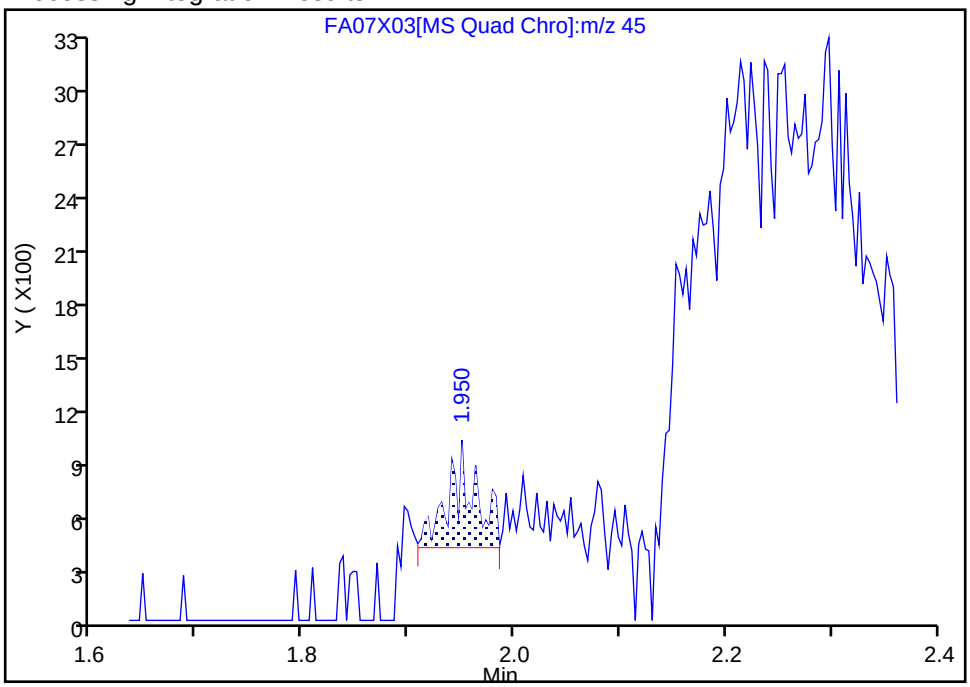
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

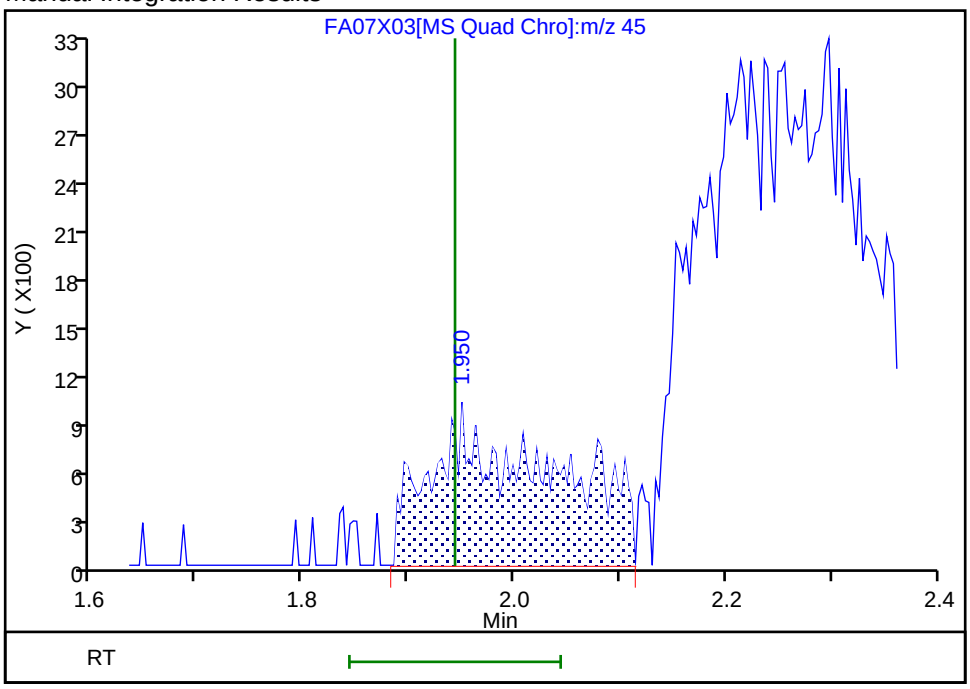
Processing Integration Results

RT: 1.95
Area: 981
Amount: 1.138455
Amount Units: ug/l



Manual Integration Results

RT: 1.95
Area: 7660
Amount: 5.553051
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:39:10 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

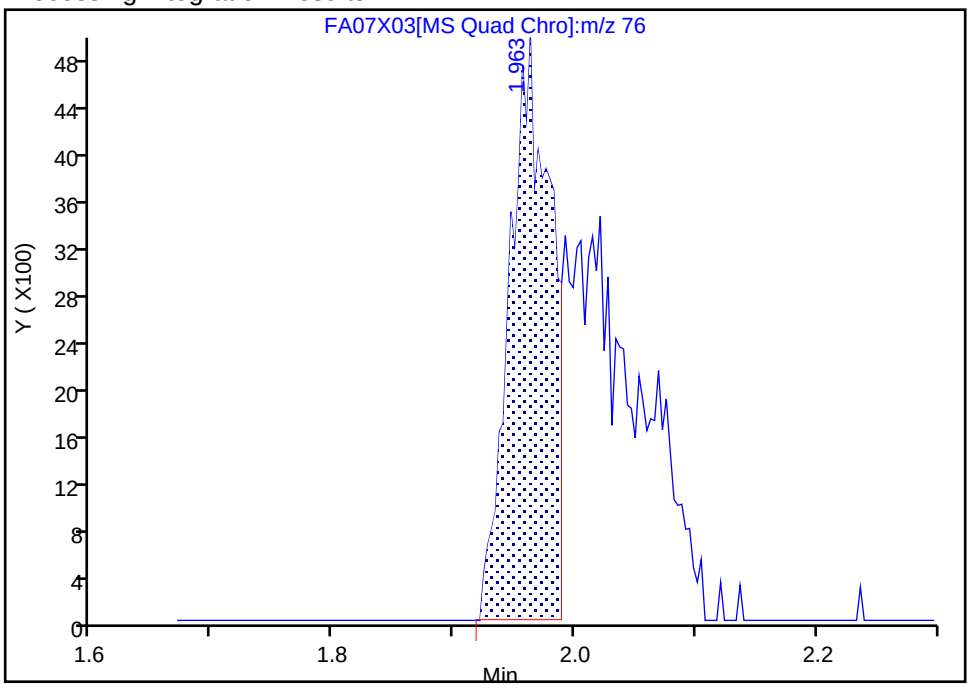
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

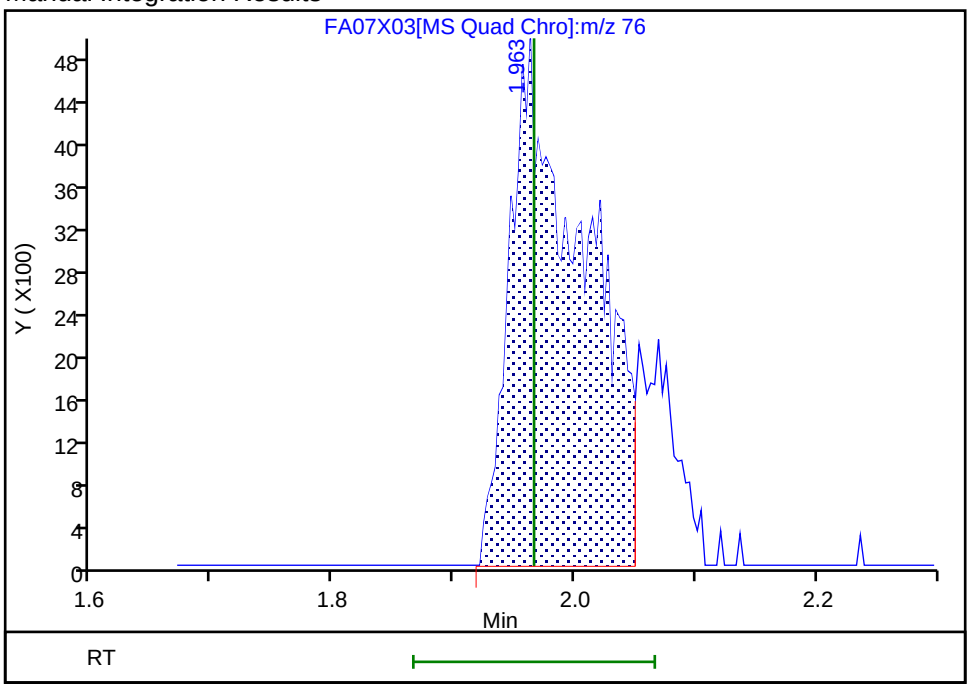
Processing Integration Results

RT: 1.96
Area: 11721
Amount: 0.682398
Amount Units: ug/l



Manual Integration Results

RT: 1.96
Area: 21257
Amount: 1.040188
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:39:19 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

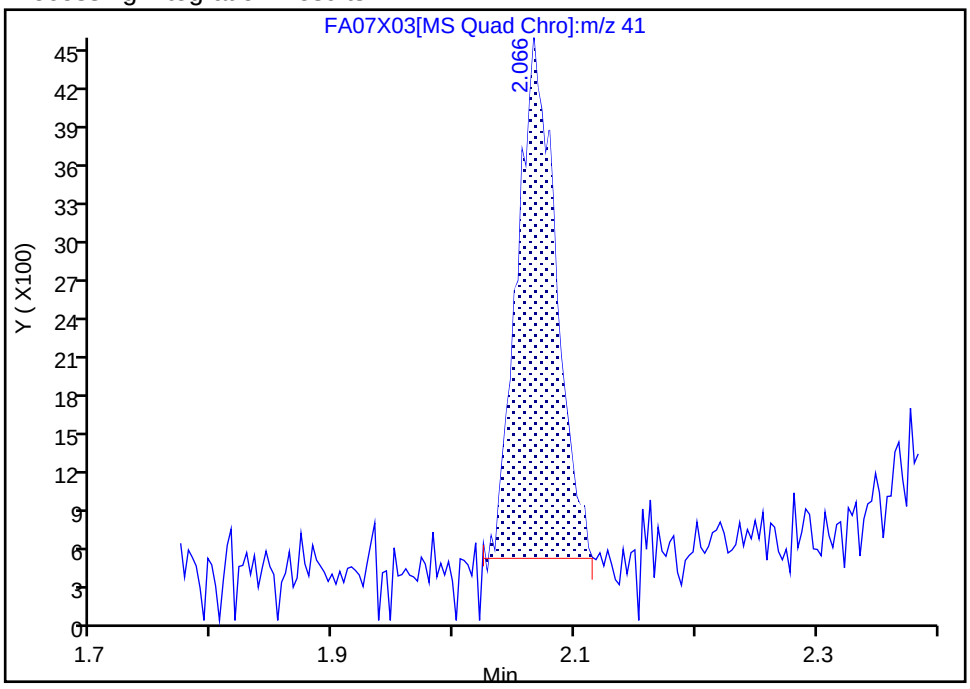
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

18 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

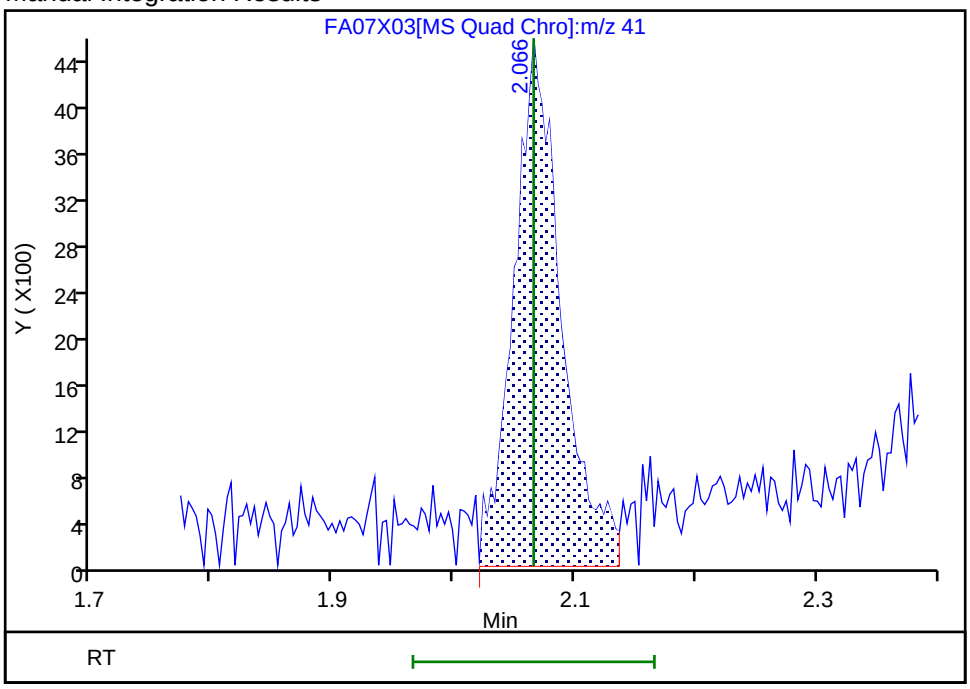
Processing Integration Results

RT: 2.07
Area: 8931
Amount: 0.911822
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 12255
Amount: 1.168380
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:39:59 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

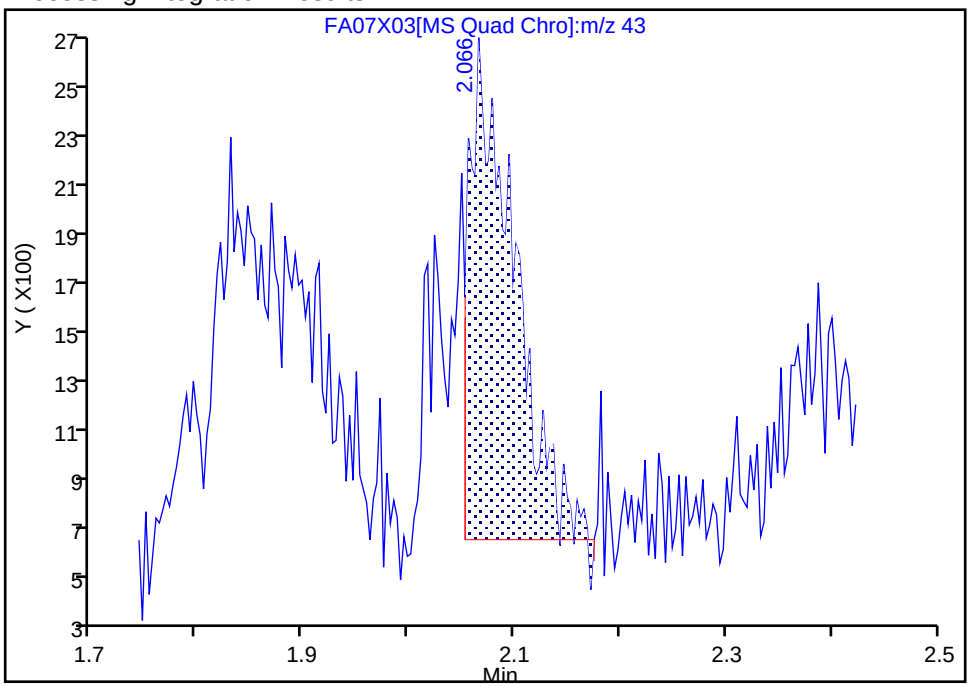
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Methyl acetate, CAS: 79-20-9

Signal: 1

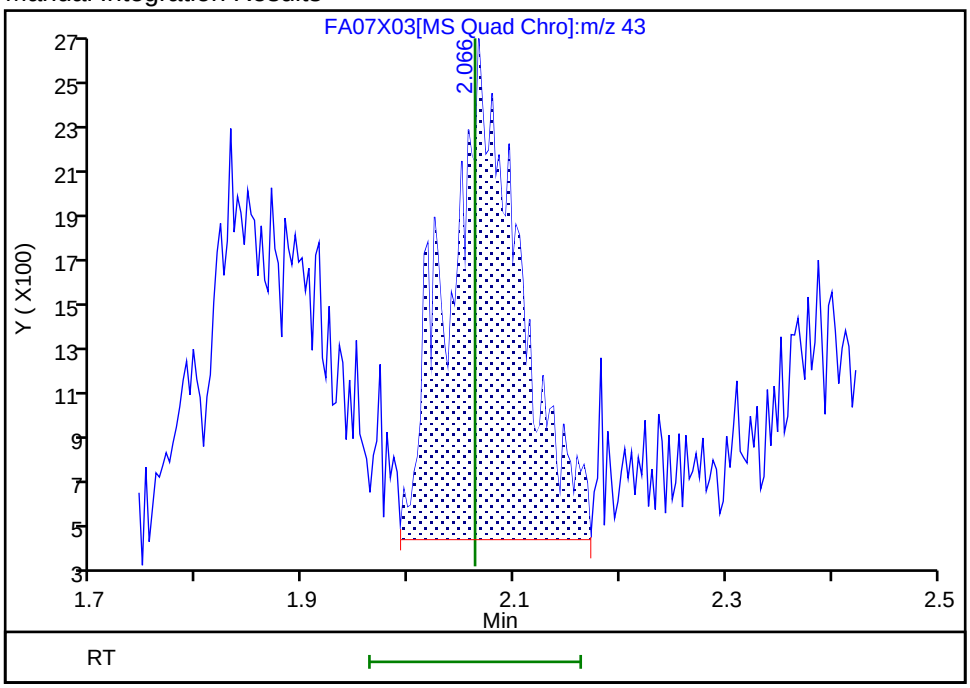
Processing Integration Results

RT: 2.07
Area: 5782
Amount: 0.679546
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 10291
Amount: 1.111836
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:39:37 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

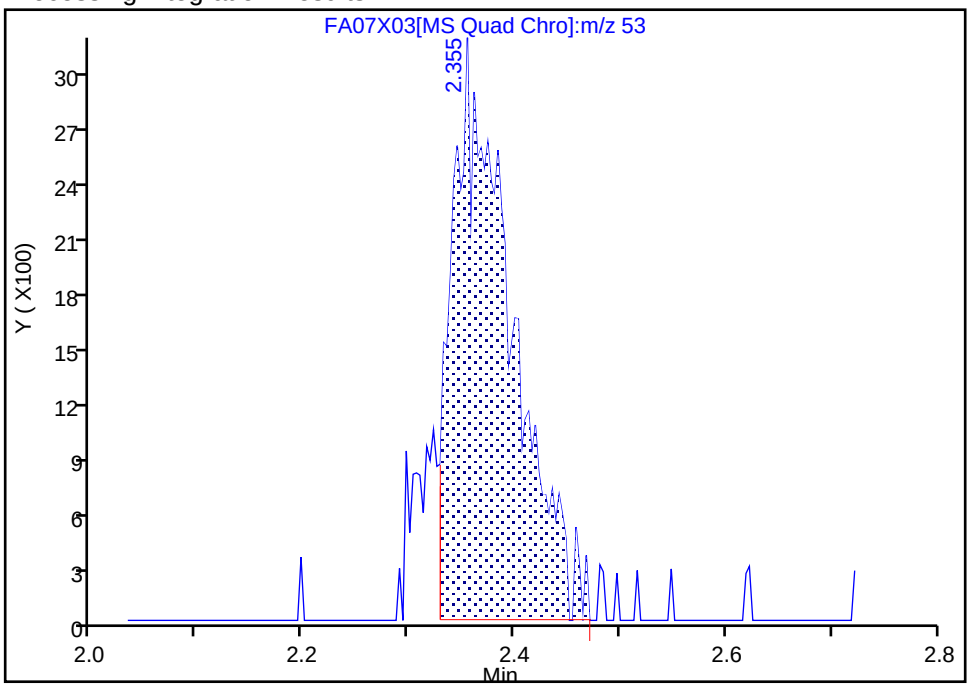
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

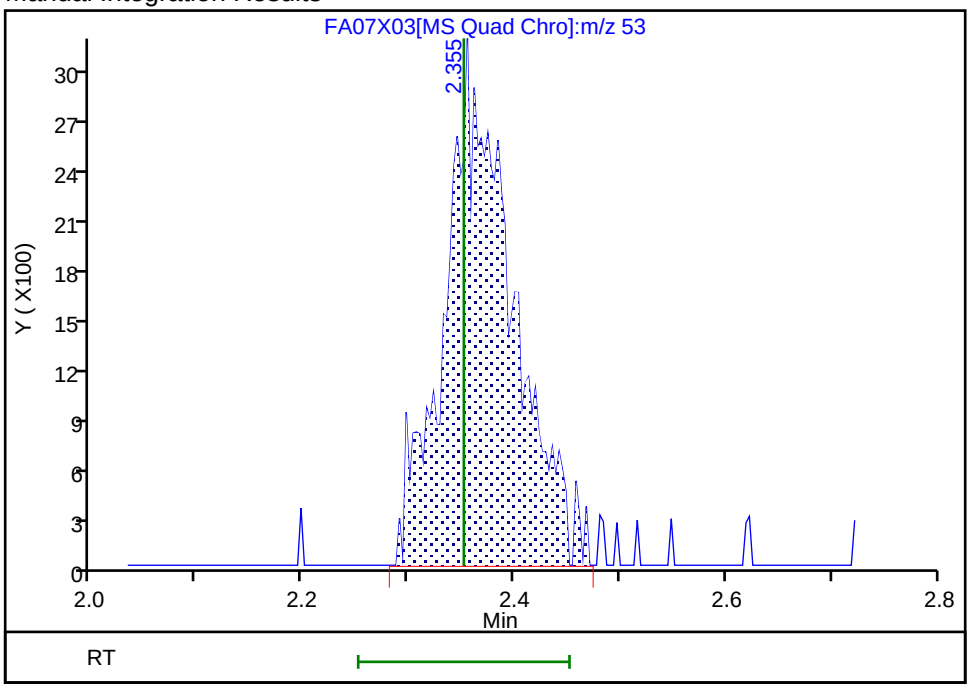
Processing Integration Results

RT: 2.36
Area: 11949
Amount: 2.374147
Amount Units: ug/l



Manual Integration Results

RT: 2.36
Area: 13525
Amount: 2.651237
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

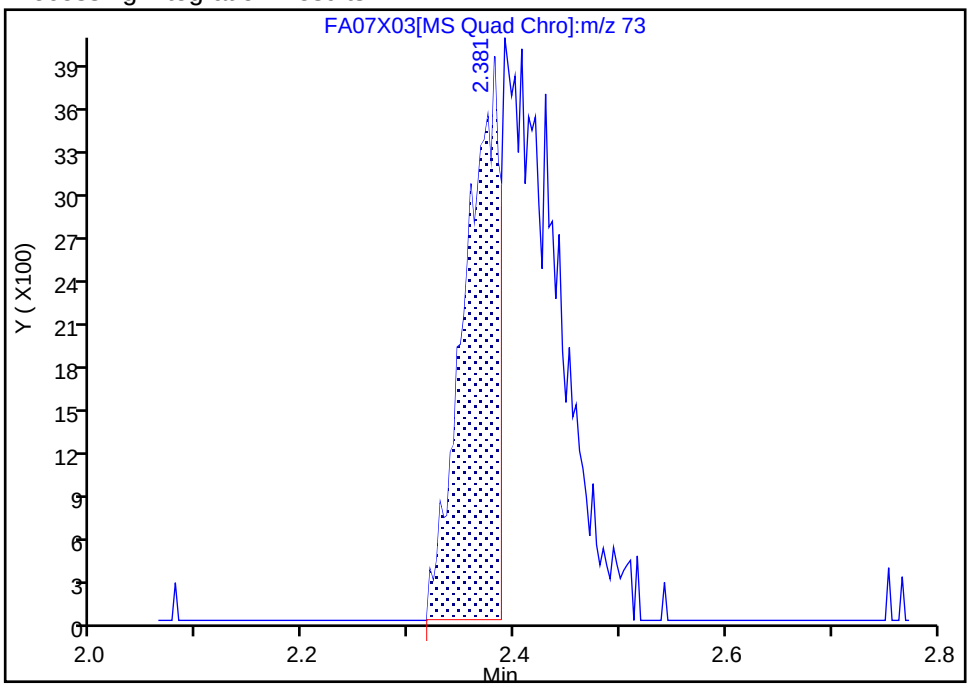
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

25 Methyl tert-butyl ether, CAS: 1634-04-4

Signal: 1

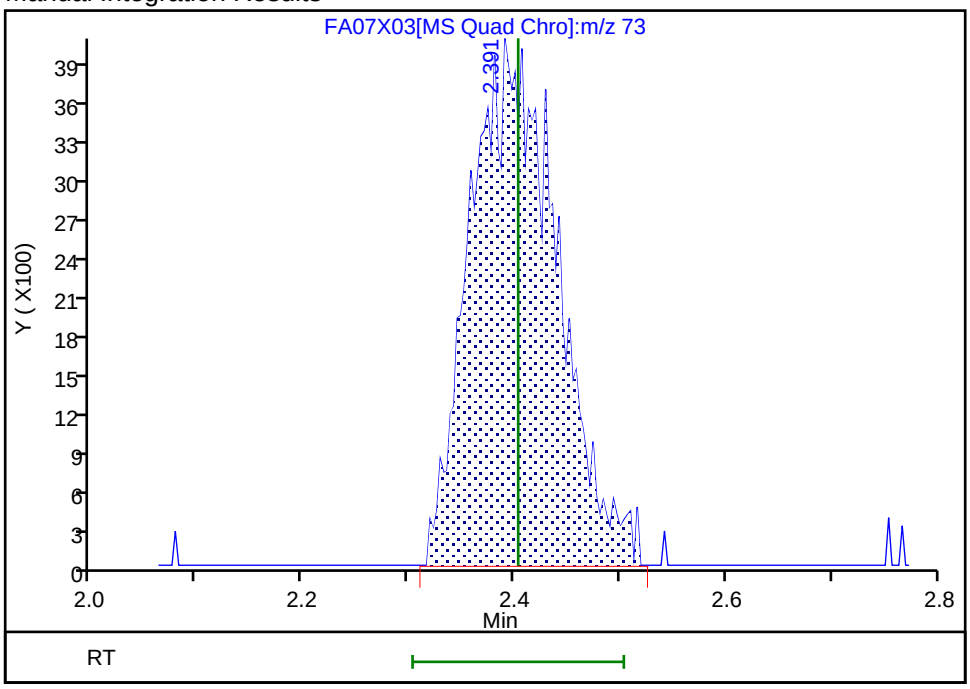
Processing Integration Results

RT: 2.38
Area: 9005
Amount: 0.830616
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 23225
Amount: 1.061237
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:17 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

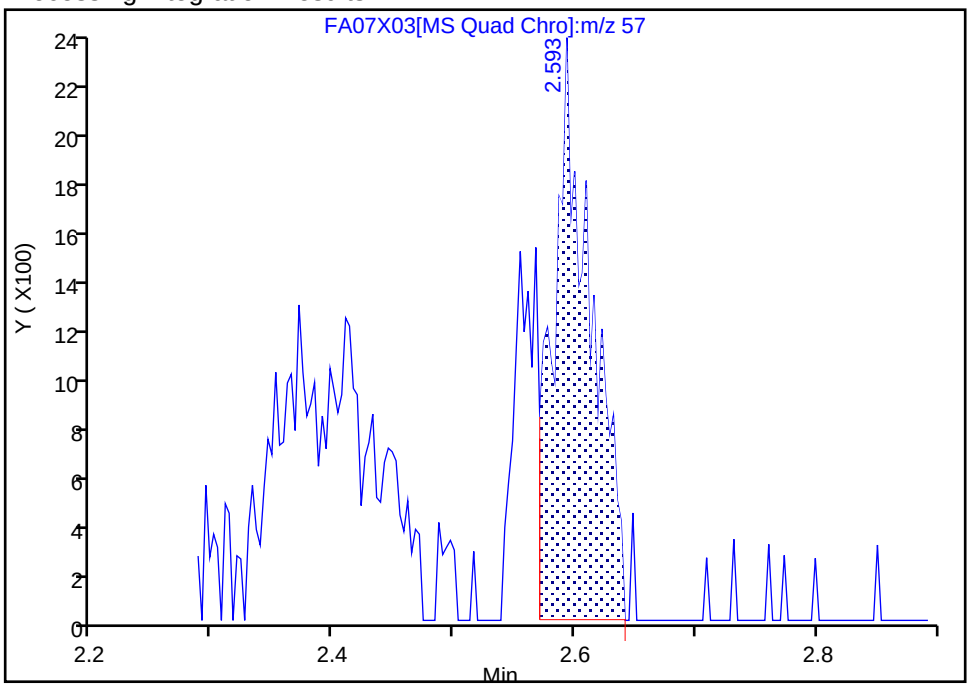
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Hexane, CAS: 110-54-3

Signal: 1

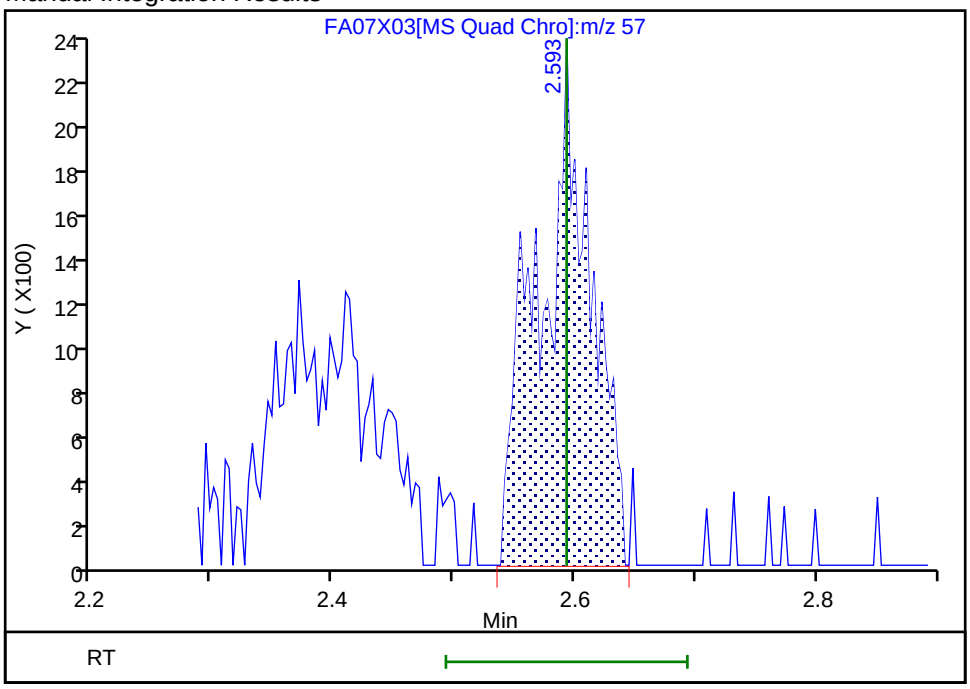
Processing Integration Results

RT: 2.59
Area: 5149
Amount: 0.739894
Amount Units: ug/l



Manual Integration Results

RT: 2.59
Area: 6962
Amount: 0.900651
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

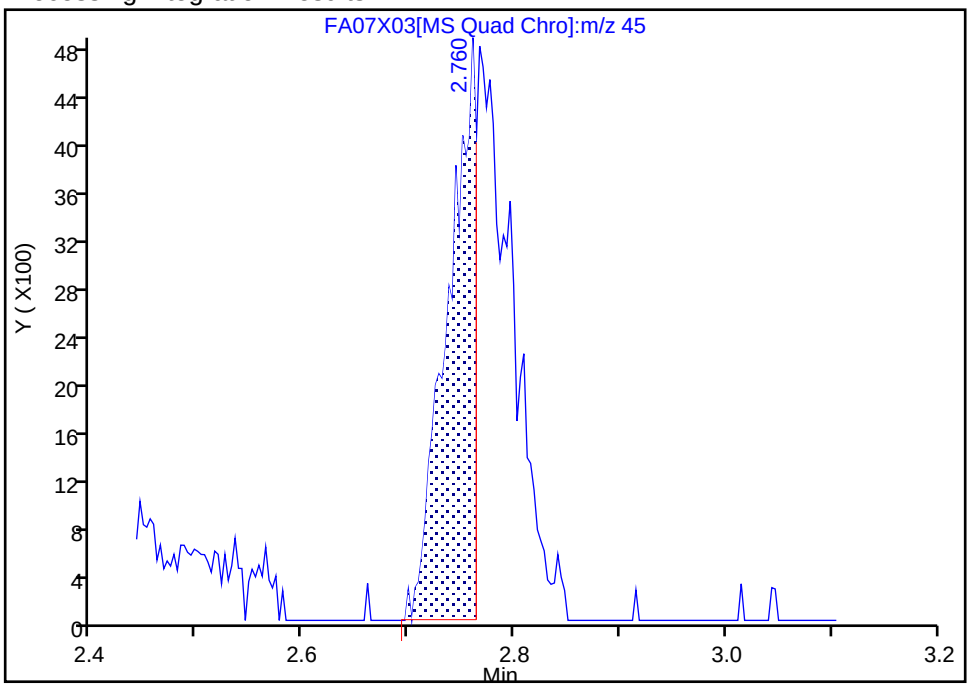
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

28 Isopropyl ether, CAS: 108-20-3

Signal: 1

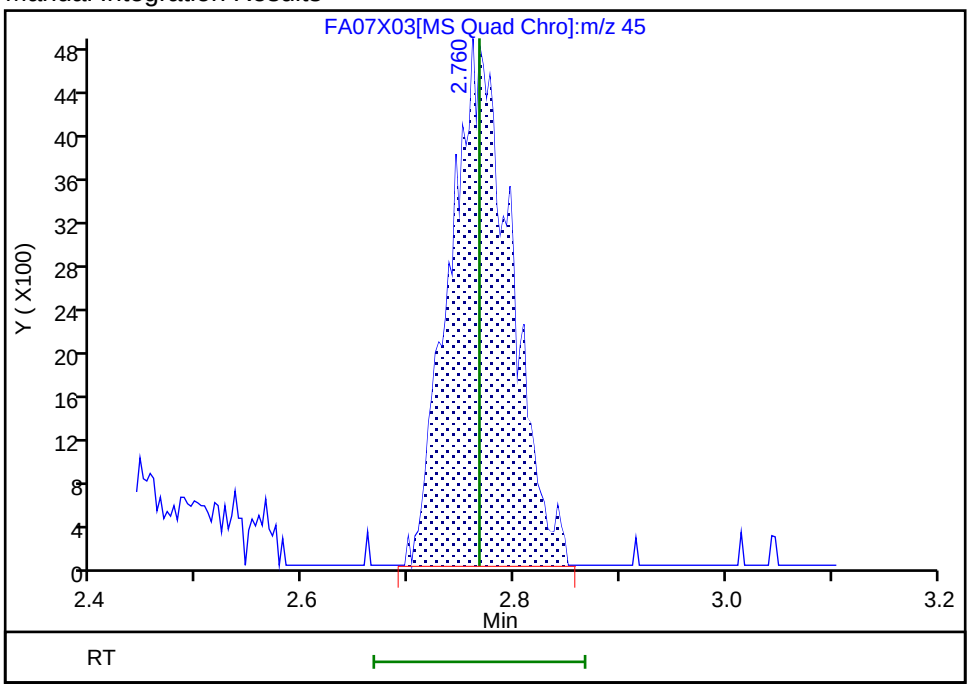
Processing Integration Results

RT: 2.76
Area: 9059
Amount: 0.702723
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 19759
Amount: 1.026948
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

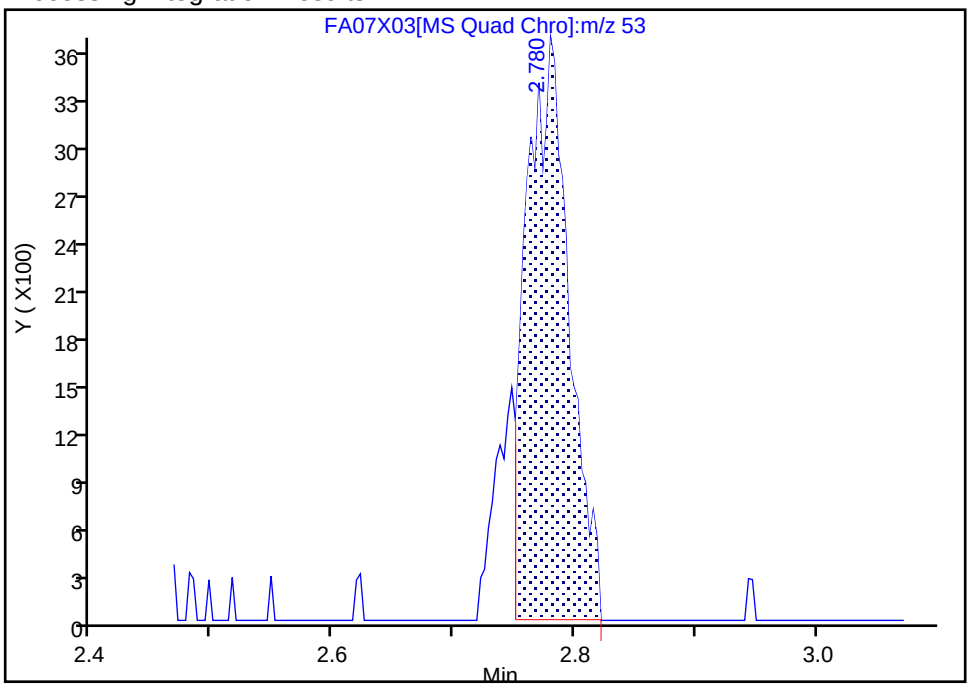
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

29 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

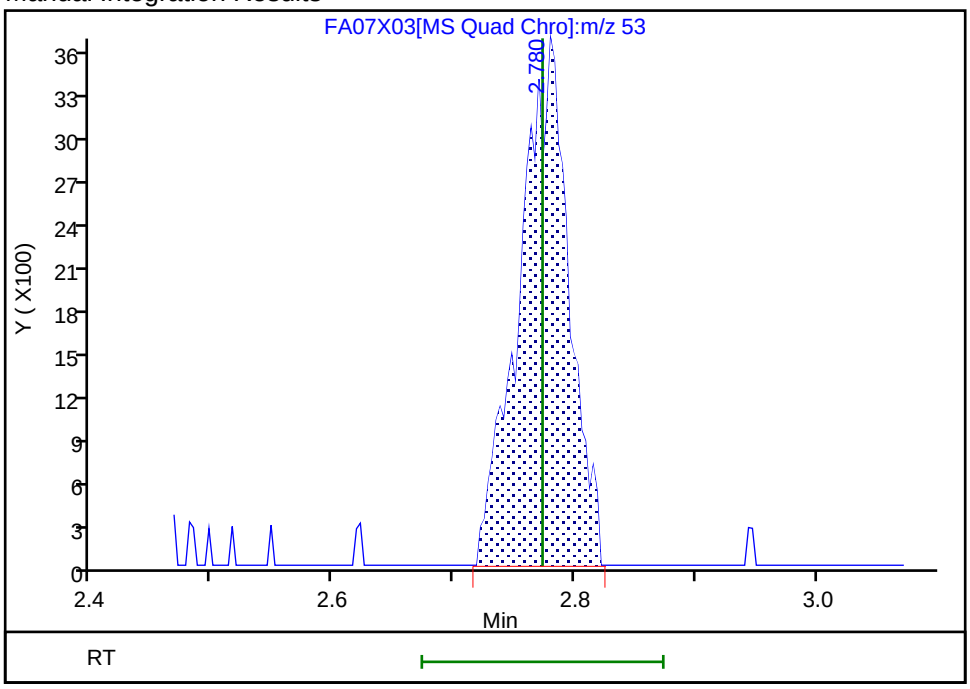
Processing Integration Results

RT: 2.78
Area: 8836
Amount: 0.878485
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 10316
Amount: 0.992394
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:33 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

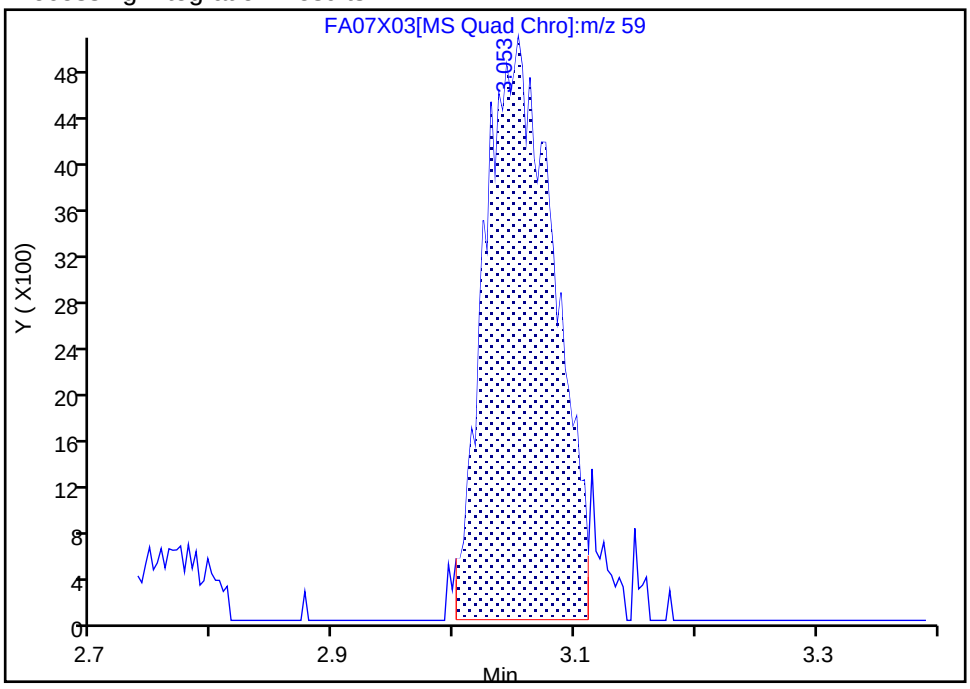
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 Tert-butyl ethyl ether, CAS: 637-92-3

Signal: 1

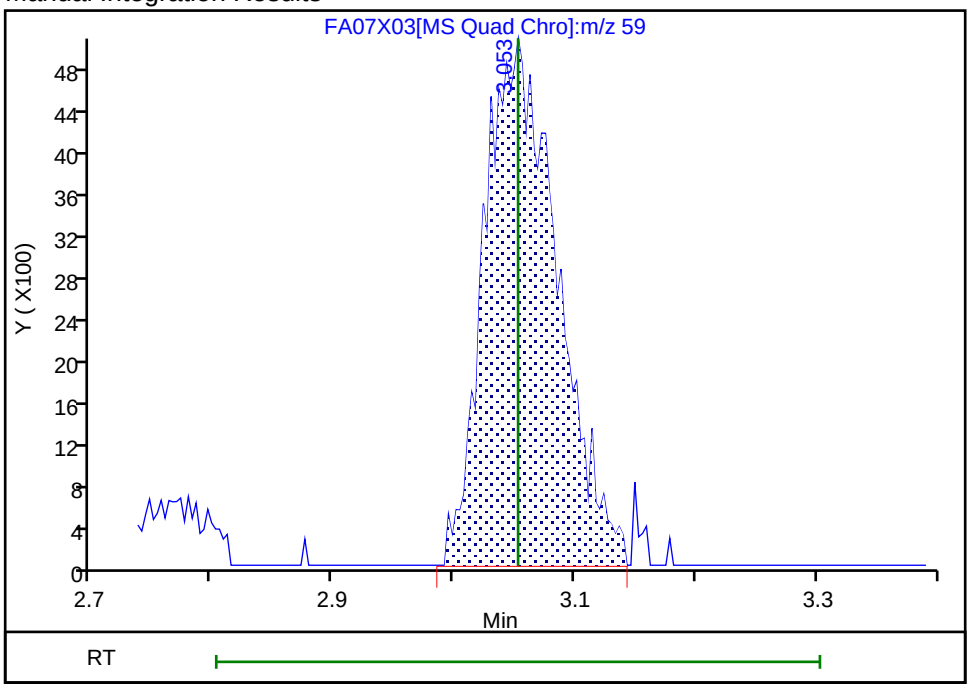
Processing Integration Results

RT: 3.05
Area: 20076
Amount: 0.957732
Amount Units: ug/l



Manual Integration Results

RT: 3.05
Area: 21166
Amount: 0.995490
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:39 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

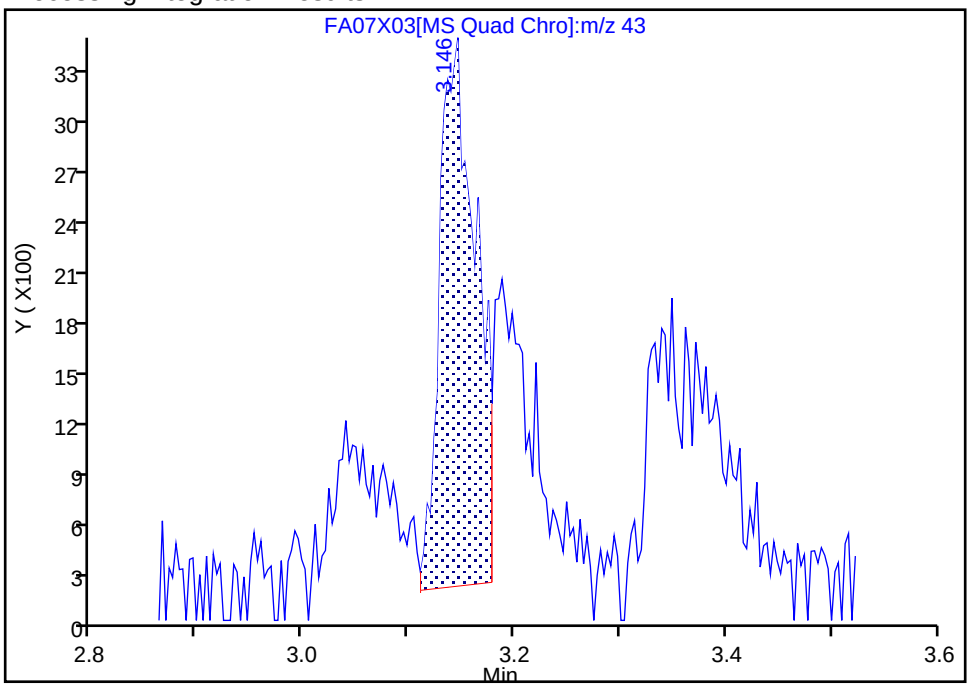
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

31 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

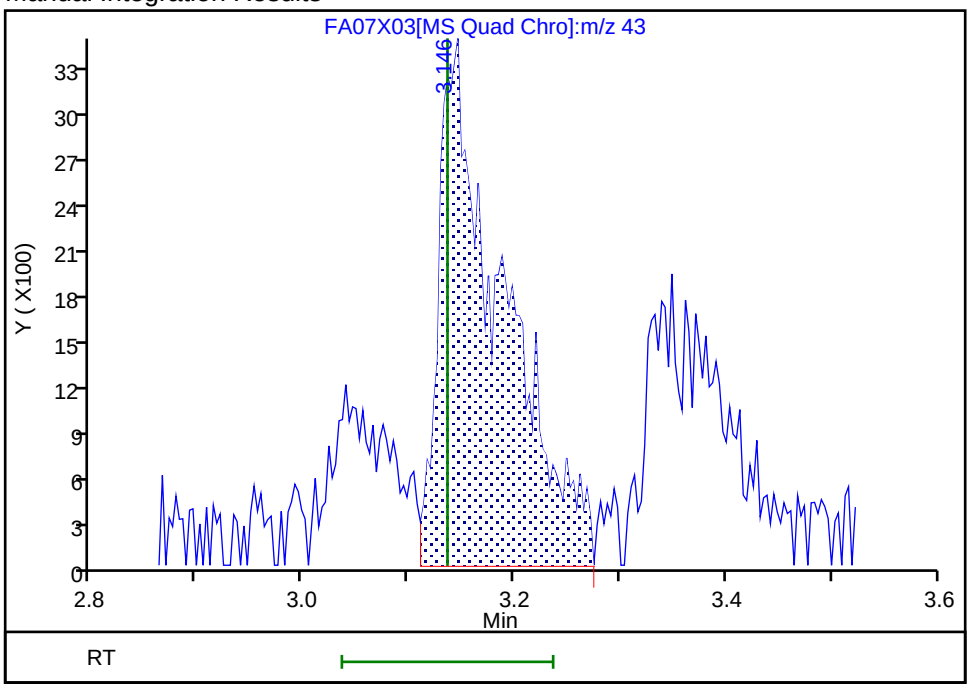
Processing Integration Results

RT: 3.15
Area: 7727
Amount: 1.313015
Amount Units: ug/l



Manual Integration Results

RT: 3.15
Area: 14219
Amount: 2.260523
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:40:58 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

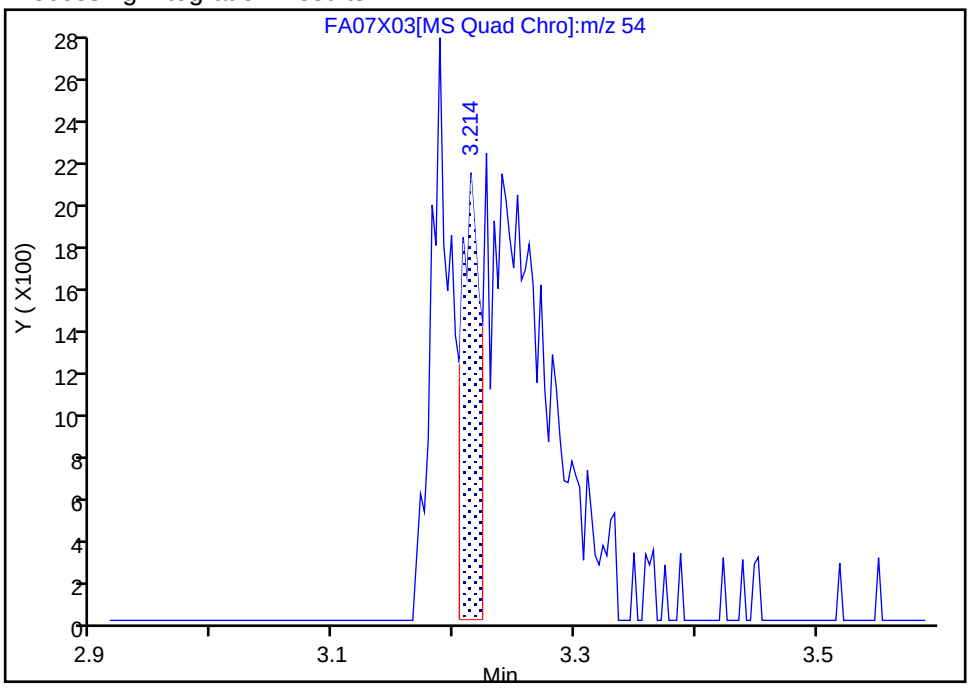
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

34 Propionitrile, CAS: 107-12-0

Signal: 1

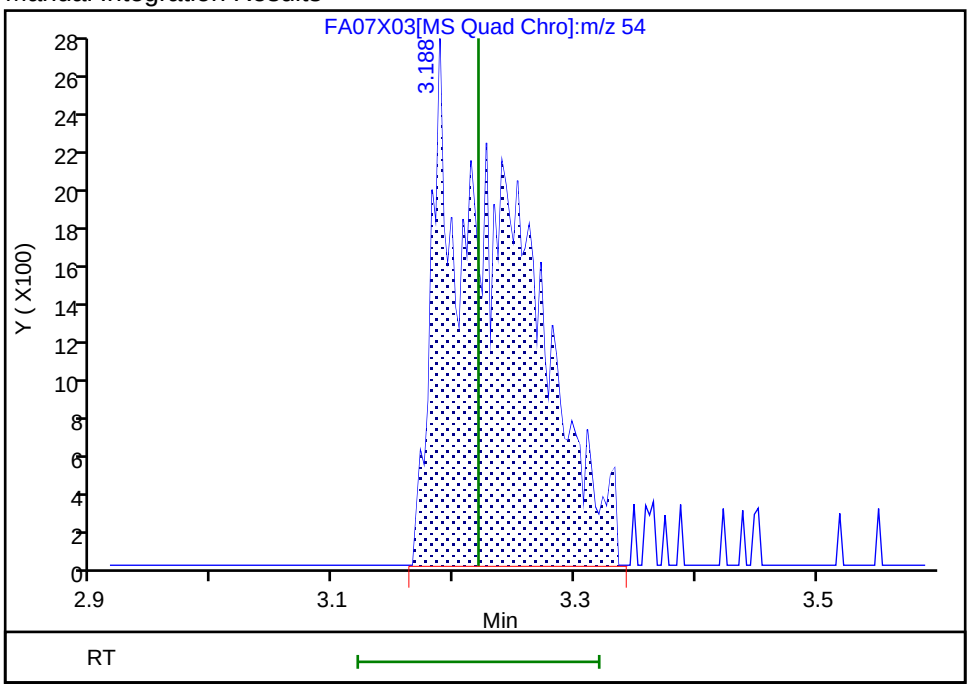
Processing Integration Results

RT: 3.21
Area: 2205
Amount: 7.312051
Amount Units: ug/l



Manual Integration Results

RT: 3.19
Area: 12383
Amount: 4.806224
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:41:14 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

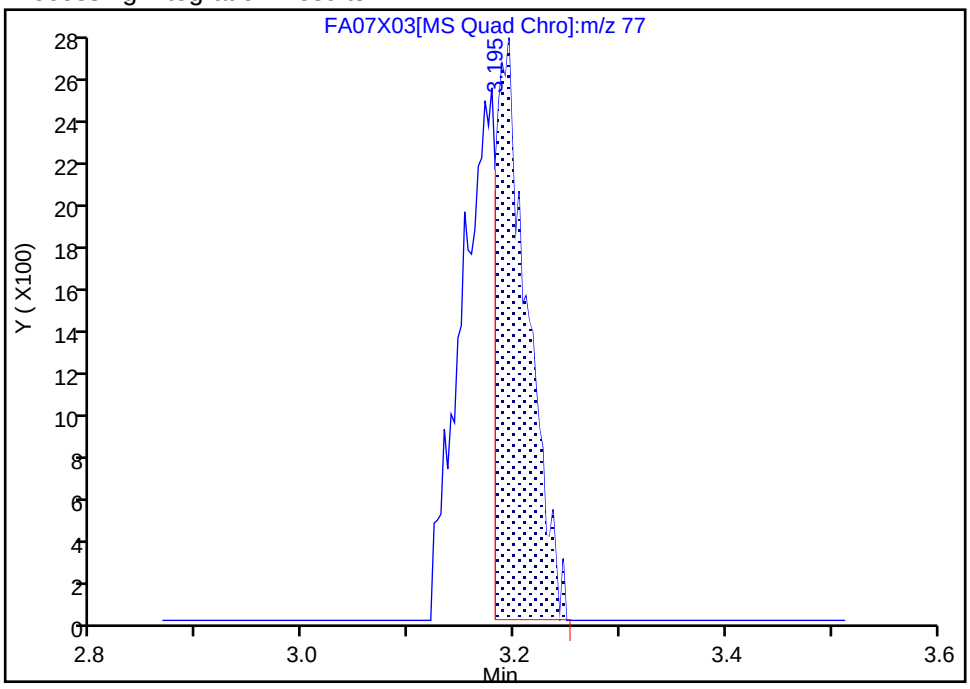
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

33 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

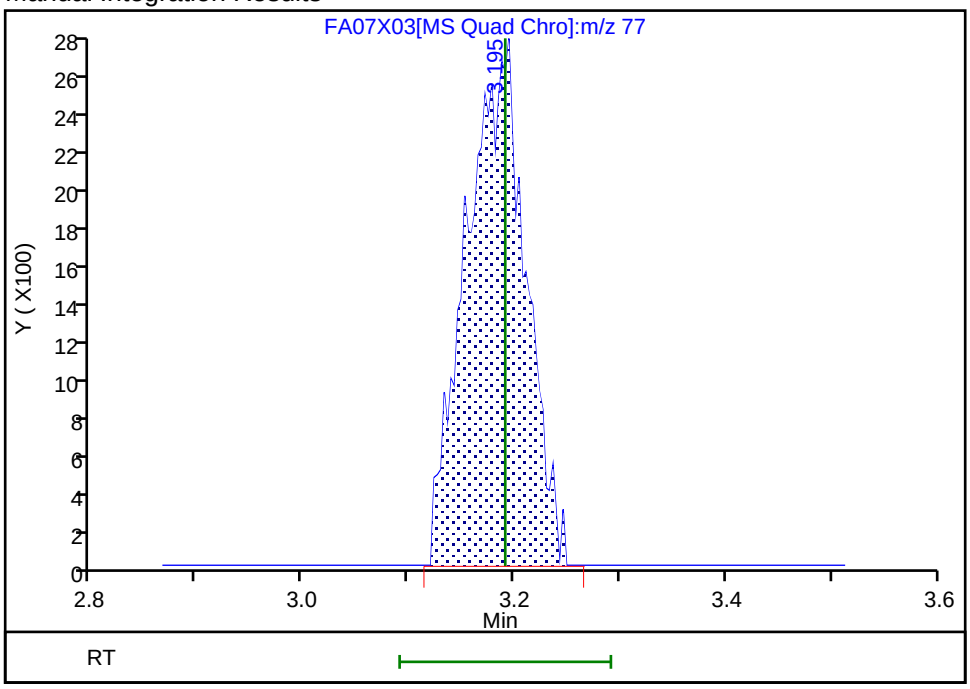
Processing Integration Results

RT: 3.19
Area: 5696
Amount: 0.754454
Amount Units: ug/l



Manual Integration Results

RT: 3.19
Area: 10897
Amount: 0.990586
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:41:09 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

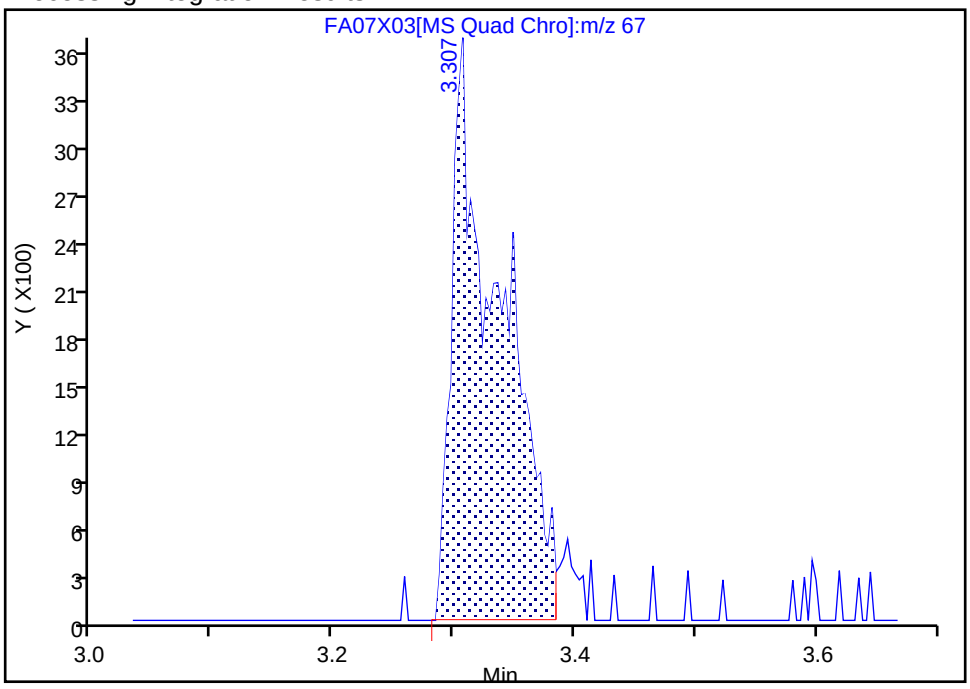
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

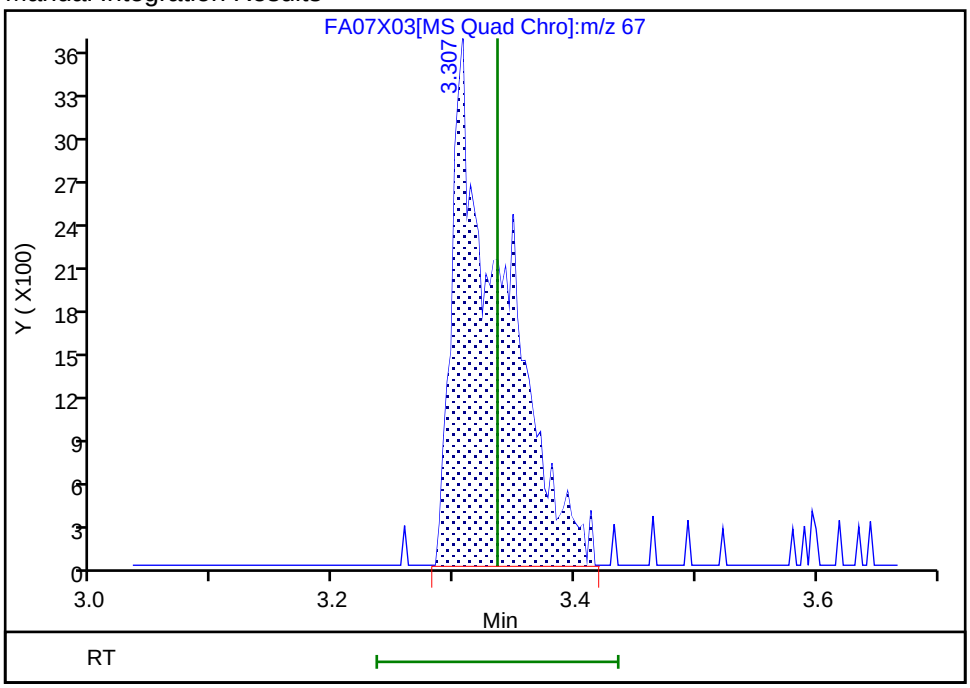
Processing Integration Results

RT: 3.31
Area: 10128
Amount: 2.465808
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 10668
Amount: 2.526536
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:41:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

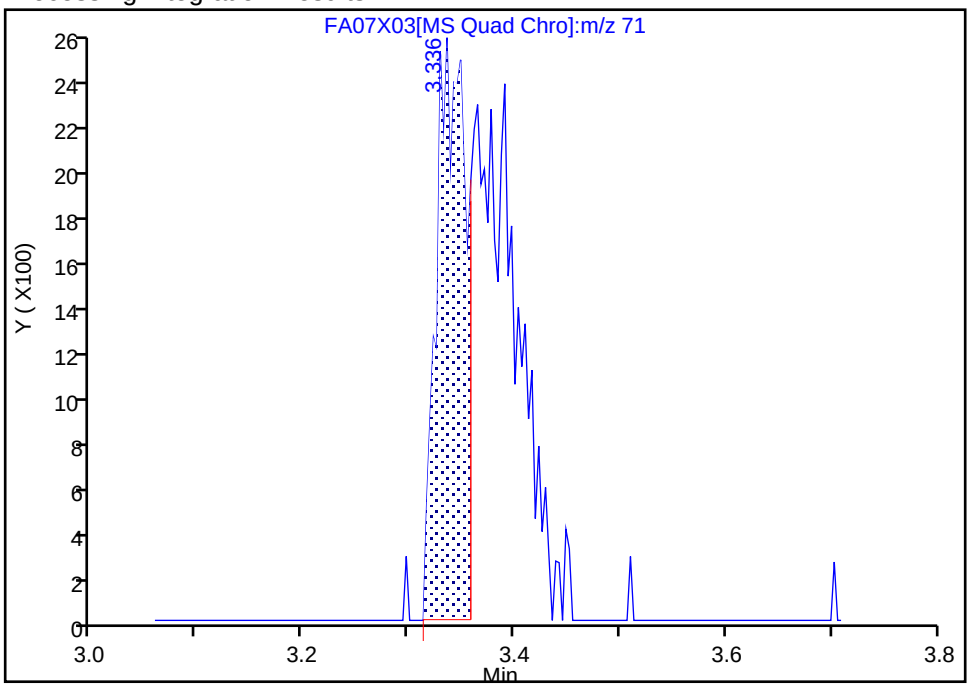
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

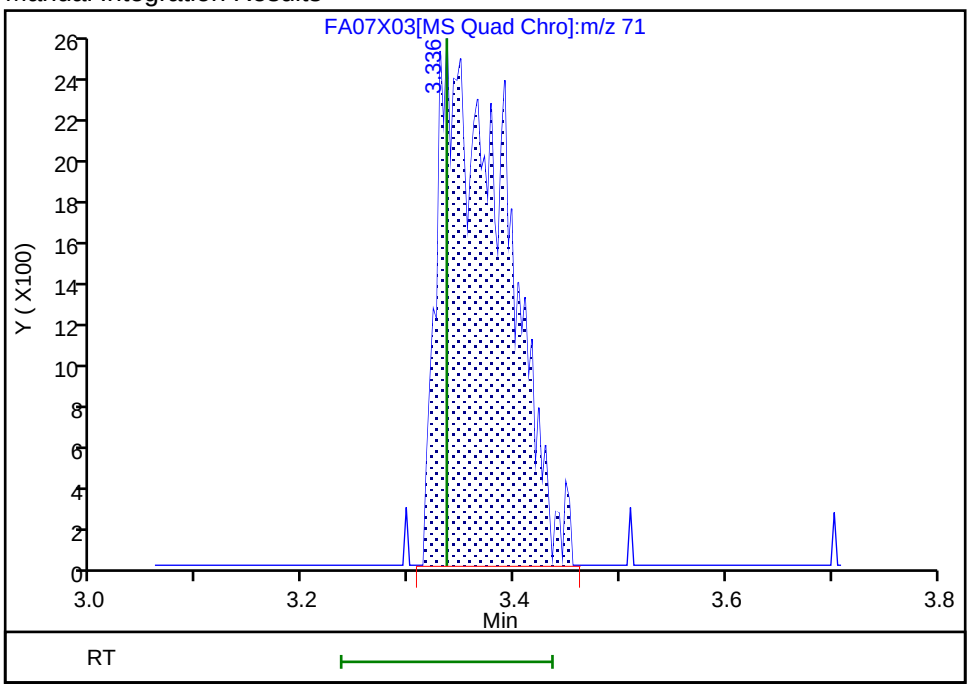
Processing Integration Results

RT: 3.34
Area: 4928
Amount: 2.885934
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 11402
Amount: 4.939884
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:41:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

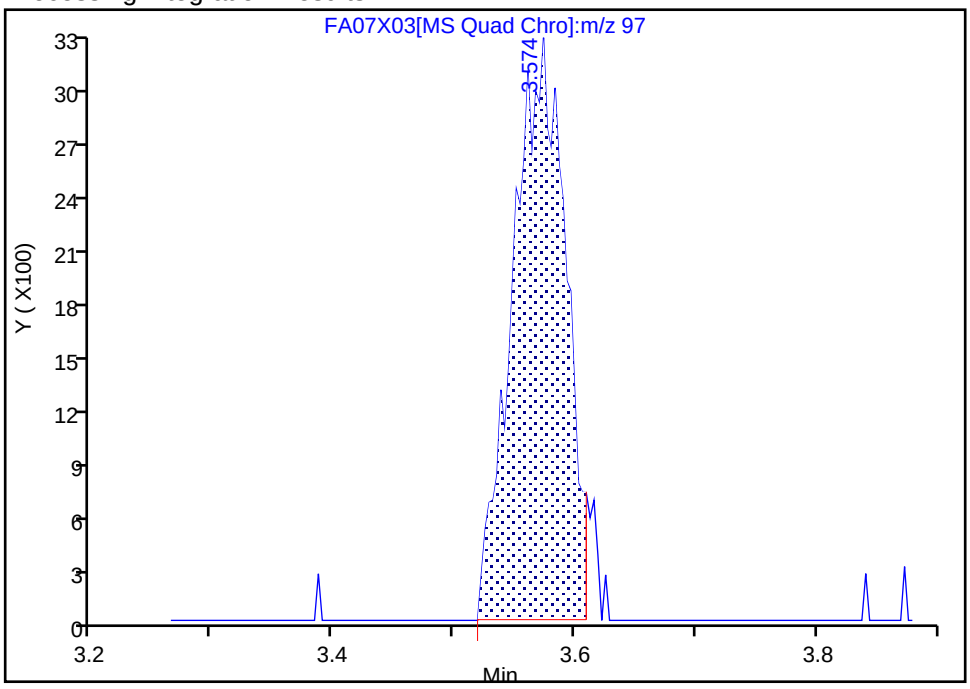
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

41 1,1,1-Trichloroethane, CAS: 71-55-6

Signal: 1

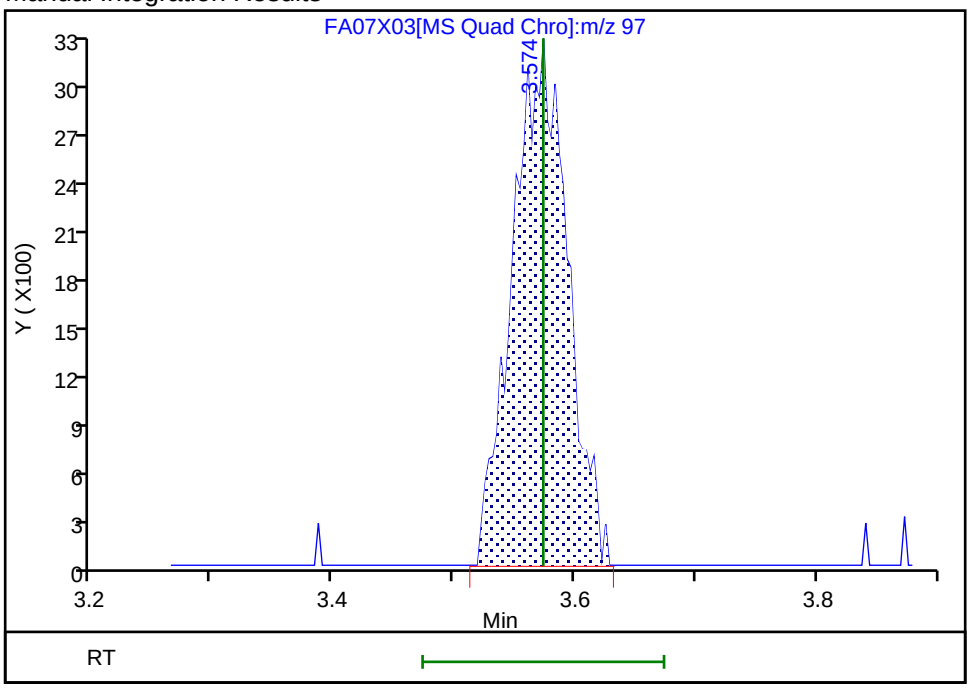
Processing Integration Results

RT: 3.57
Area: 9806
Amount: 0.942909
Amount Units: ug/l



Manual Integration Results

RT: 3.57
Area: 10164
Amount: 0.959604
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:41:37 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

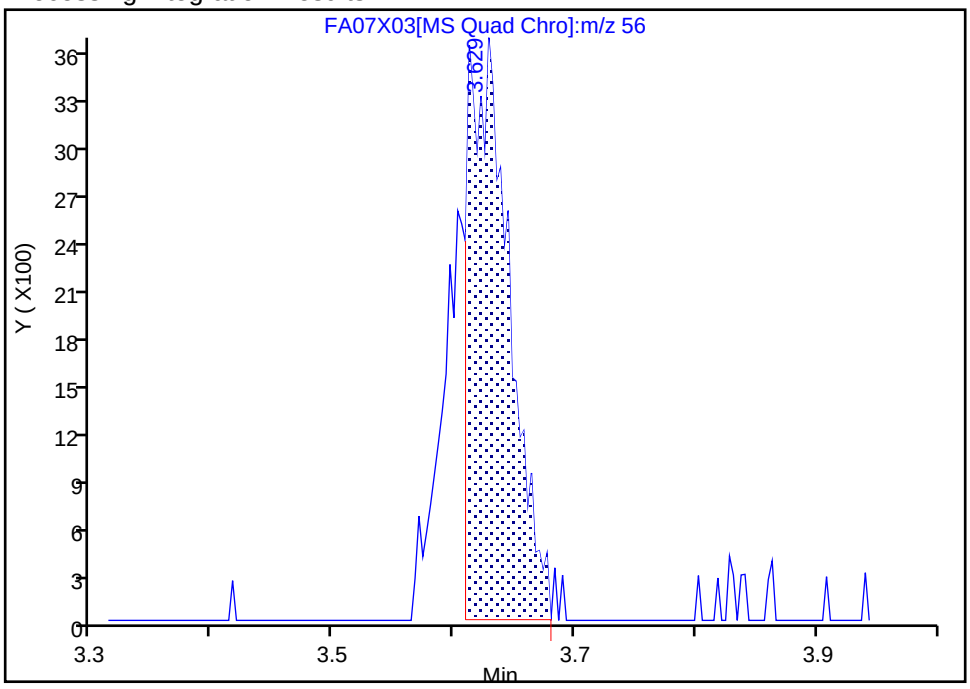
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

42 Cyclohexane, CAS: 110-82-7

Signal: 1

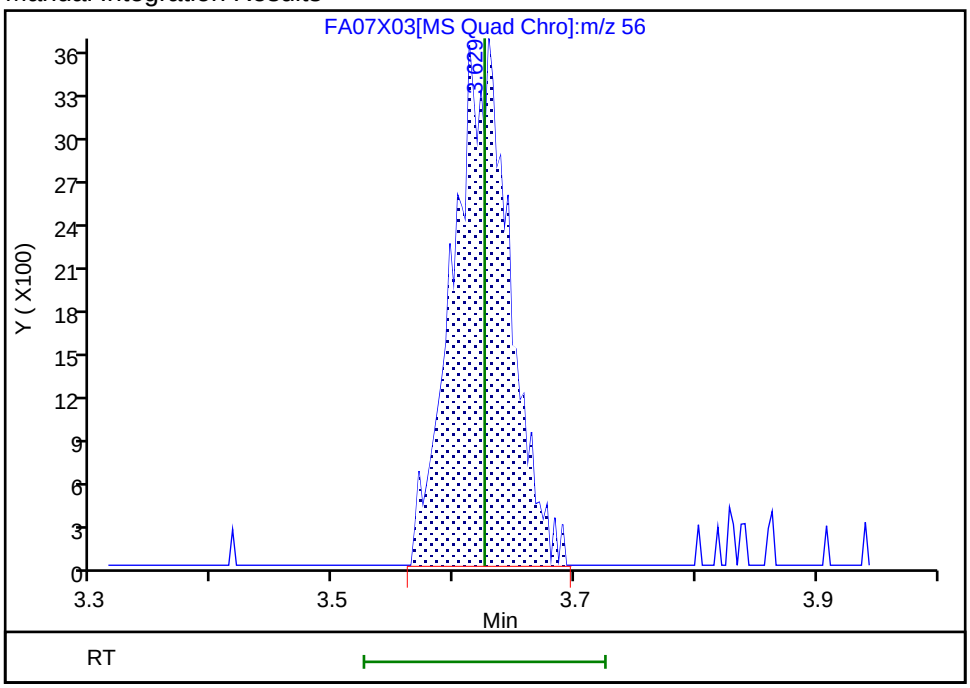
Processing Integration Results

RT: 3.63
Area: 8587
Amount: 1.293350
Amount Units: ug/l



Manual Integration Results

RT: 3.63
Area: 11933
Amount: 0.992373
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:41:43 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

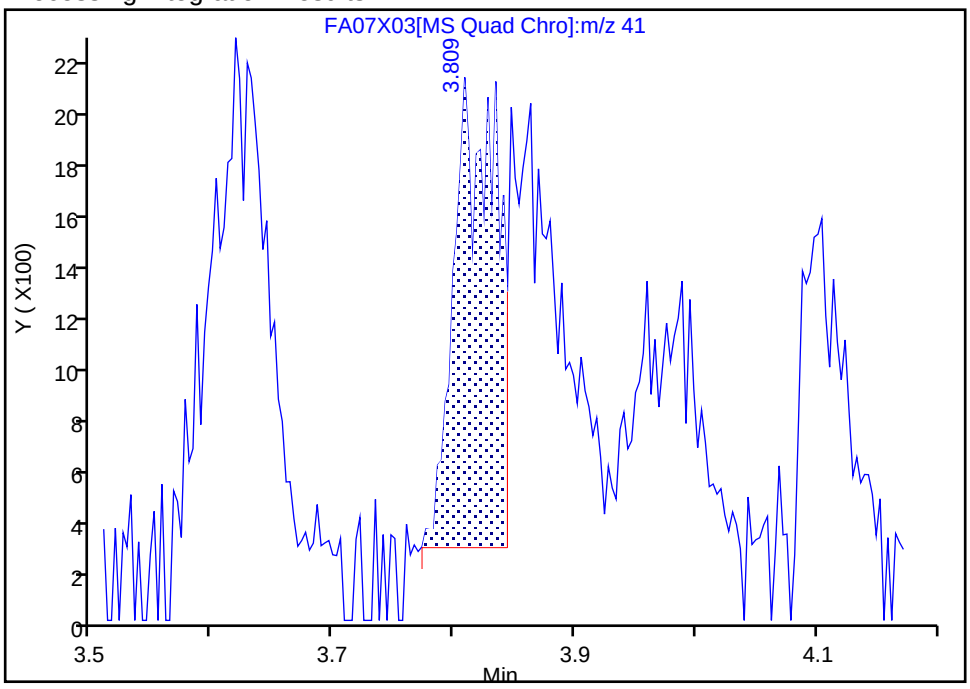
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

45 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

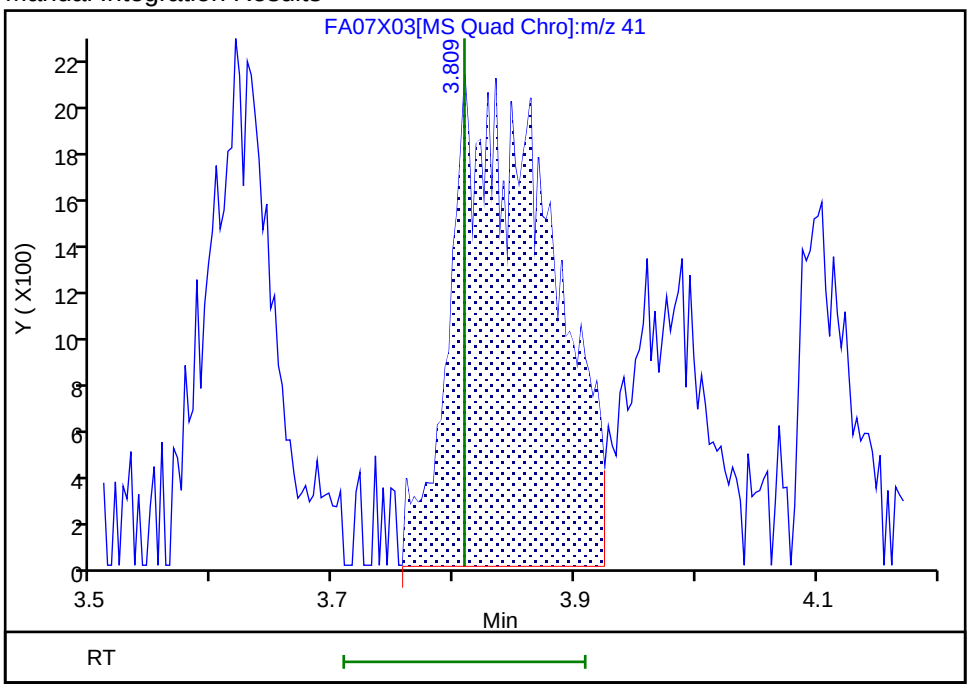
Processing Integration Results

RT: 3.81
Area: 4399
Amount: 12.456282
Amount Units: ug/l



Manual Integration Results

RT: 3.81
Area: 11878
Amount: 14.025842
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:42:03 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

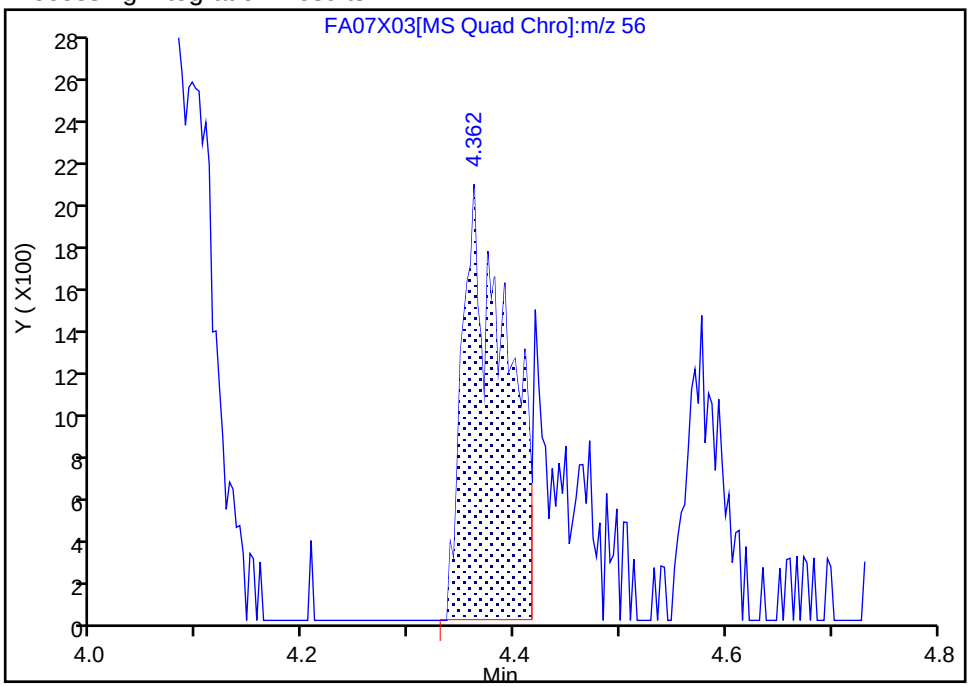
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D
Injection Date: 07-Apr-2025 15:24:17 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

52 n-Butanol, CAS: 71-36-3

Signal: 1

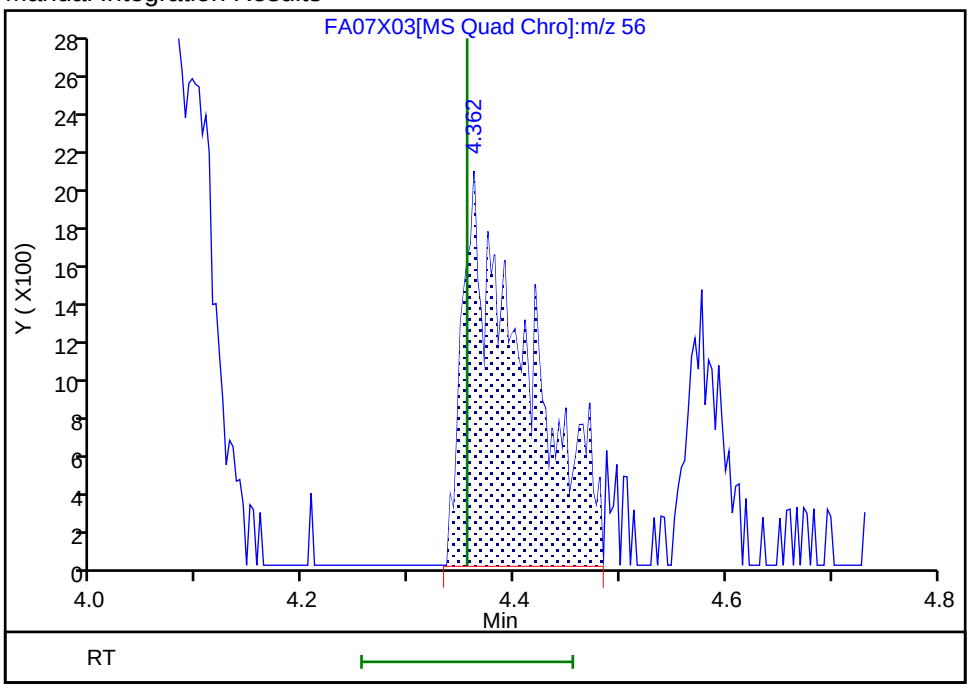
Processing Integration Results

RT: 4.36
Area: 6037
Amount: 9.331197
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 8703
Amount: 12.203308
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:42:58 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

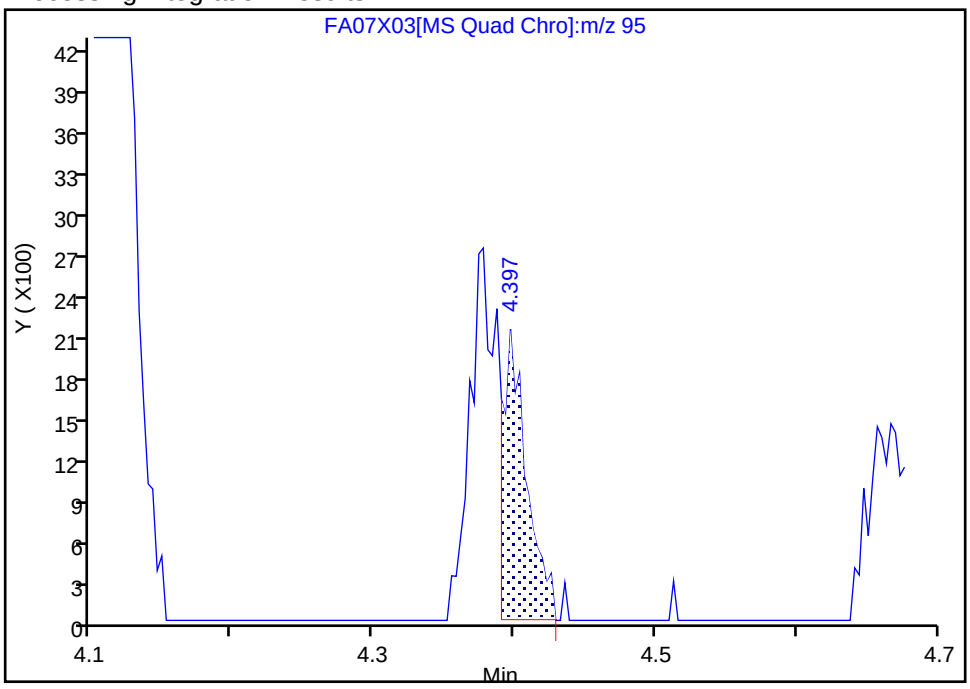
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

53 Trichloroethene, CAS: 79-01-6

Signal: 1

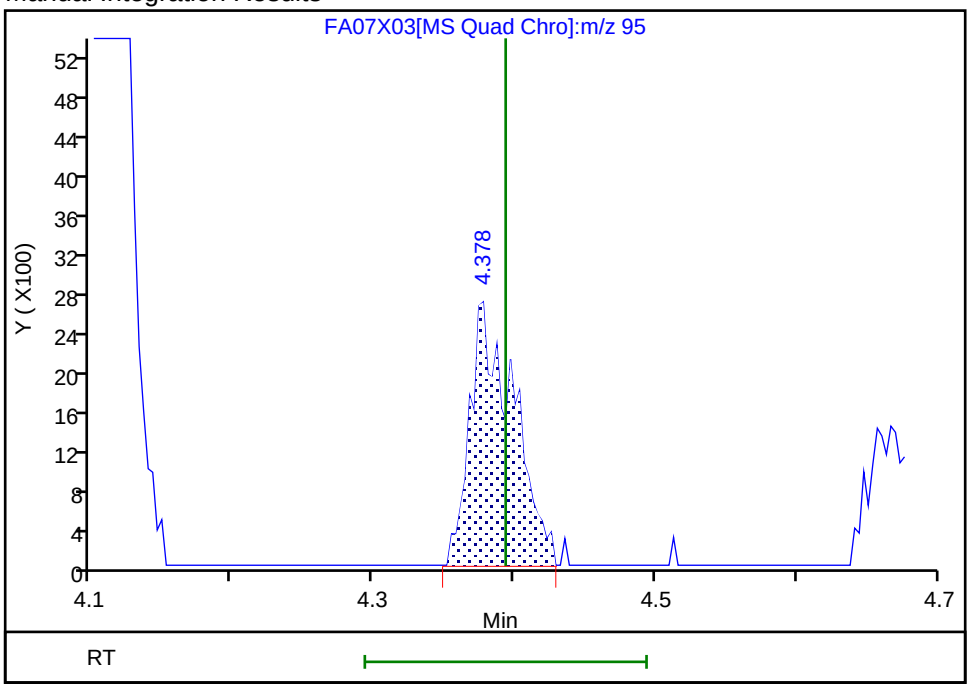
Processing Integration Results

RT: 4.40
Area: 2464
Amount: 0.985374
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 5721
Amount: 0.921931
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:43:05 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

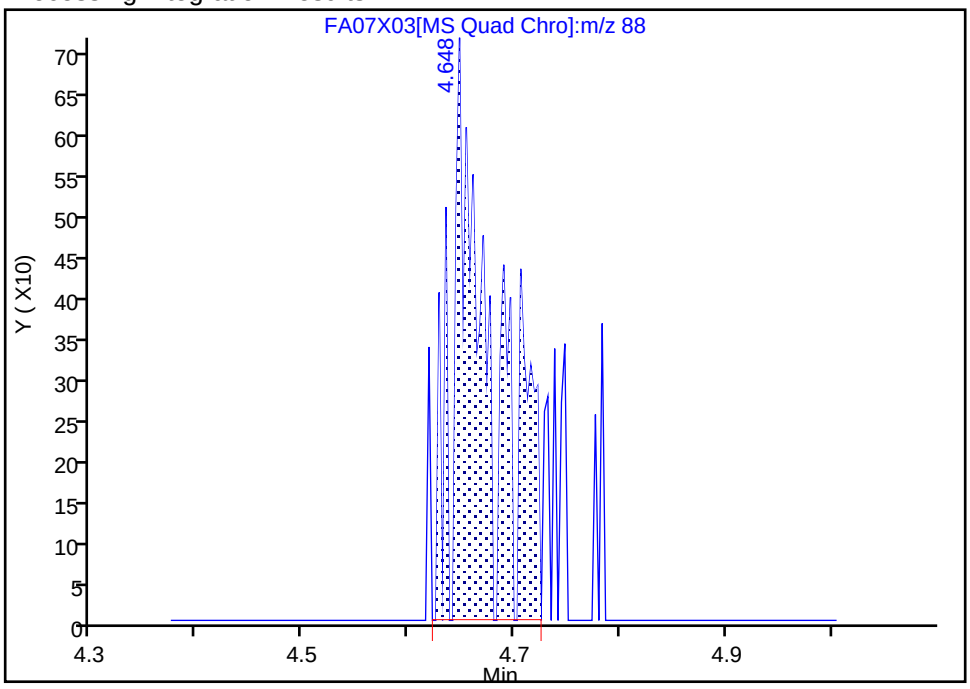
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X03.D				
Injection Date:	07-Apr-2025 15:24:17	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

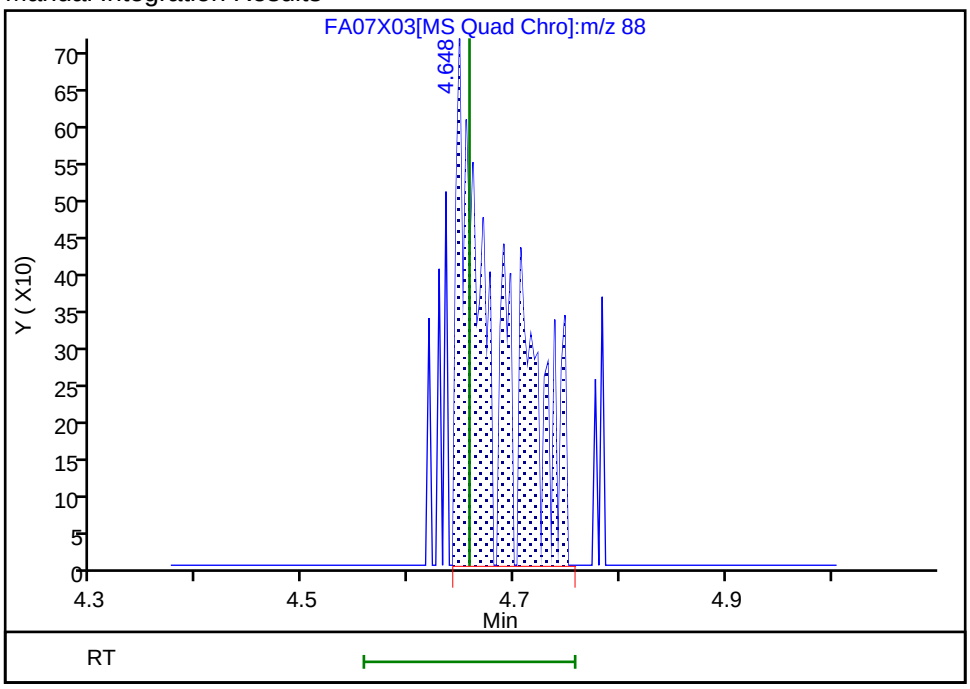
Processing Integration Results

RT: 4.65
Area: 1777
Amount: 9.738149
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 1886
Amount: 10.505477
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:43:16 -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\15830\20250407-143206.b\FA07X04.D
Lims ID: IC v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 07-Apr-2025 15:43:27 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v4
Misc. Info.: 410-0143206-005
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:38 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 16:22:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.008	1.011	-0.003	98	42681	4.00	4.45	
2 Chloromethane	50	1.117	1.117	0.000	99	49209	4.00	4.55	M
4 Vinyl chloride	62	1.175	1.175	0.000	98	43036	4.00	4.58	
3 Butadiene	39	1.191	1.182	0.009	72	51004	4.00	4.63	
5 Bromomethane	94	1.362	1.358	0.004	90	29111	4.00	4.38	
6 Chloroethane	64	1.371	1.371	0.000	94	24250	4.00	4.38	
7 Pentane	43	1.523	1.519	0.004	92	43805	4.00	4.54	
8 Dichlorofluoromethane	67	1.548	1.542	0.006	97	67682	4.00	4.24	
9 Trichlorofluoromethane	101	1.555	1.558	-0.003	98	54110	4.00	4.45	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.741	1.728	0.013	56	37030	4.00	4.49	
11 Acrolein	56	1.744	1.741	0.003	99	91200	39.0	32.9	
12 1,1-Dichloroethene	96	1.809	1.809	0.000	96	24808	4.00	4.33	
13 Acetone	58	1.863	1.844	0.019	44	11972	8.00	7.67	M
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.873	1.863	0.010	89	30992	4.00	4.63	M
15 Iodomethane	142	1.921	1.928	-0.007	98	50971	4.00	4.32	
16 Isopropyl alcohol	45	1.941	1.944	-0.003	28	22714	20.0	16.9	M
17 Carbon disulfide	76	1.966	1.966	0.000	99	83998	4.00	4.23	M
19 Methyl acetate	43	2.072	2.063	0.009	43	36562	4.00	4.06	M
18 3-Chloro-1-propene	41	2.069	2.066	0.003	85	40241	4.00	3.95	
20 Methylene Chloride	84	2.172	2.175	-0.003	90	30311	4.00	4.32	
* 21 t-Butyl alcohol-d10 (IS)	65	2.288	2.275	0.013	94	852295	250.0	250.0	
22 2-Methyl-2-propanol	59	2.352	2.336	0.016	48	66051	20.0	19.6	
23 Acrylonitrile	53	2.362	2.352	0.010	96	52676	10.0	10.6	
24 trans-1,2-Dichloroethene	96	2.378	2.374	0.004	98	28248	4.00	4.33	
25 Methyl tert-butyl ether	73	2.388	2.403	-0.015	73	90311	4.00	4.25	
26 Hexane	57	2.597	2.593	0.003	89	32598	4.00	4.34	M
27 1,1-Dichloroethane	63	2.715	2.718	-0.003	96	47647	4.00	4.19	
28 Isopropyl ether	45	2.760	2.767	-0.007	91	77242	4.00	4.13	
29 2-Chloro-1,3-butadiene	53	2.773	2.773	0.000	93	42873	4.00	4.24	
30 Tert-butyl ethyl ether	59	3.043	3.053	-0.010	97	85827	4.00	4.15	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.140	3.136	0.004	99	42411	8.00	6.94	M
32 cis-1,2-Dichloroethene	96	3.172	3.169	0.003	81	32135	4.00	4.27	
33 2,2-Dichloropropane	77	3.191	3.191	0.000	89	44942	4.00	4.20	
34 Propionitrile	54	3.224	3.220	0.004	74	45407	20.0	18.1	M
35 Methacrylonitrile	67	3.307	3.336	-0.029	94	40060	10.0	9.76	
37 Tetrahydrofuran	71	3.339	3.336	0.003	90	39586	20.0	17.6	
36 Chlorobromomethane	128	3.359	3.352	0.007	93	15157	4.00	4.21	
39 Chloroform	83	3.452	3.448	0.004	93	47835	4.00	4.23	
$ 40 Dibromofluoromethane (Surr)	113	3.574	3.571	0.003	93	343275	50.0	52.6	
41 1,1,1-Trichloroethane	97	3.577	3.574	0.003	62	42962	4.00	4.17	
42 Cyclohexane	56	3.616	3.625	-0.009	90	51686	4.00	4.42	
43 1,1-Dichloropropene	75	3.690	3.690	0.000	92	34335	4.00	4.07	M
44 Carbon tetrachloride	117	3.696	3.696	0.000	93	34032	4.00	4.13	
45 Isobutyl alcohol	41	3.809	3.808	0.001	52	36879	50.0	44.7	M
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.838	3.831	0.007	78	79766	50.0	51.0	
47 Benzene	78	3.847	3.847	0.000	93	96220	4.00	3.98	
48 1,2-Dichloroethane	62	3.899	3.902	-0.003	95	32399	4.00	3.97	M
49 Tert-amyl methyl ether	73	3.973	3.979	-0.006	98	81663	4.00	4.07	
* 50 Fluorobenzene (IS)	96	4.079	4.098	-0.019	99	1160856	50.0	50.0	
51 n-Heptane	43	4.104	4.104	0.000	36	25729	4.00	4.37	M
52 n-Butanol	56	4.359	4.355	0.003	93	29963	50.0	43.1	
53 Trichloroethene	95	4.378	4.394	-0.016	98	23656	4.00	3.92	
54 Methylcyclohexane	83	4.584	4.583	0.001	89	50199	4.00	4.37	
55 1,2-Dichloropropane	63	4.590	4.596	-0.006	82	21227	4.00	3.82	
56 2-ethoxy-2-methyl butane	87	4.632	4.625	0.007	95	41732	4.00	4.11	
57 1,4-Dioxane	88	4.661	4.657	0.004	38	8758	50.0	50.1	M
58 Methyl methacrylate	69	4.670	4.670	0.000	91	19455	4.00	3.86	
59 Dibromomethane	93	4.661	4.673	-0.012	94	14698	4.00	3.87	
60 Dichlorobromomethane	83	4.825	4.831	-0.006	97	23476	4.00	3.58	
61 2-Nitropropane	41	5.008	5.011	-0.003	97	38123	20.0	15.4	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	94	13091	4.00	3.69	
63 cis-1,3-Dichloropropene	75	5.198	5.197	0.001	95	27169	4.00	3.56	
64 4-Methyl-2-pentanone (MIBK)	43	5.339	5.339	0.000	96	71048	8.00	6.71	
$ 65 Toluene-d8 (Surr)	98	5.416	5.416	0.000	93	1051309	50.0	48.0	
66 Toluene	92	5.471	5.474	-0.003	98	53380	4.00	3.76	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	95	24010	4.00	3.40	
68 Ethyl methacrylate	69	5.744	5.741	0.003	88	33260	4.00	3.81	
69 1,1,2-Trichloroethane	97	5.821	5.824	-0.003	91	17029	4.00	3.61	
70 Tetrachloroethene	166	5.870	5.873	-0.003	95	23498	4.00	3.95	
71 1,3-Dichloropropane	76	5.937	5.937	0.000	91	29403	4.00	3.73	
72 2-Hexanone	43	5.998	5.995	0.003	96	55663	8.00	6.78	
73 Chlorodibromomethane	129	6.092	6.091	0.001	90	15200	4.00	3.24	
S 74 1,2-Dichloroethene, Total	100				0			8.59	
75 Ethylene Dibromide	107	6.159	6.159	0.000	99	19622	4.00	3.79	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.480	0.001	85	824000	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	96	59178	4.00	3.87	
78 1-Chlorohexane	91	6.510	6.506	0.004	97	30175	4.00	3.98	
79 1,1,1,2-Tetrachloroethane	131	6.564	6.567	-0.003	92	21838	4.00	3.66	
80 Ethylbenzene	91	6.571	6.570	0.001	98	114532	4.00	4.01	
81 m-Xylene & p-Xylene	106	6.661	6.657	0.004	100	87454	8.00	7.84	
82 o-Xylene	106	6.895	6.895	0.000	96	47097	4.00	3.97	
83 Styrene	104	6.908	6.908	0.000	96	69901	4.00	4.03	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.011	7.008	0.003	94	10711	4.00	3.24	
85 Isopropylbenzene	105	7.117	7.120	-0.003	96	112896	4.00	3.99	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	88	458651	50.0	51.8	
87 Bromobenzene	156	7.291	7.291	0.000	93	26656	4.00	3.90	
88 1,1,2,2-Tetrachloroethane	83	7.304	7.307	-0.003	96	37624	4.00	3.74	
89 trans-1,4-Dichloro-2-butene	53	7.323	7.326	-0.003	85	26115	10.0	8.67	
90 1,2,3-Trichloropropane	110	7.333	7.332	0.001	85	13263	4.00	3.98	
91 N-Propylbenzene	91	7.362	7.361	0.001	99	142322	4.00	4.02	
92 2-Chlorotoluene	126	7.403	7.406	-0.003	96	28246	4.00	3.79	
93 1,3,5-Trimethylbenzene	105	7.464	7.464	0.000	95	102101	4.00	3.84	
94 4-Chlorotoluene	126	7.474	7.474	0.000	99	27118	4.00	3.85	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	18714	4.00	3.49	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	97	102388	4.00	3.82	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	120224	4.00	3.79	
98 1,3-Dichlorobenzene	146	7.818	7.818	0.000	97	52732	4.00	3.94	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	96	107086	4.00	3.86	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	95	518268	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	95	52588	4.00	3.91	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	98	108190	4.00	3.87	
103 Benzyl chloride	91	7.937	7.937	0.000	98	59048	4.00	2.98	
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	95	61833	4.00	3.87	
105 p-Diethylbenzene	119	8.046	8.046	0.000	93	64755	4.00	3.86	
106 n-Butylbenzene	92	8.059	8.059	0.000	98	52320	4.00	3.94	
107 1,2-Dichlorobenzene	146	8.063	8.066	-0.003	97	53704	4.00	3.92	
108 o-diethylbenzene	119	8.098	8.098	0.000	95	50796	4.00	3.74	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	82	12425	4.00	3.43	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	37111	4.00	3.83	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	93	37940	4.00	3.90	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	97	12565	4.00	3.85	
113 Naphthalene	128	9.014	9.014	0.000	97	169414	4.00	4.10	
114 1,2,3-Trichlorobenzene	180	9.124	9.123	0.001	95	37834	4.00	3.90	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	93	78961	4.00	3.68	
S 139 1,3-Dichloropropene, Total	100				0			6.96	
S 140 Xylenes, Total	106				0			11.8	
S 141 Total Diethylbenzene	1				0			11.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00230	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01005	Amount Added:	2.00	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:39 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D

Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830 Operator ID: knk41612

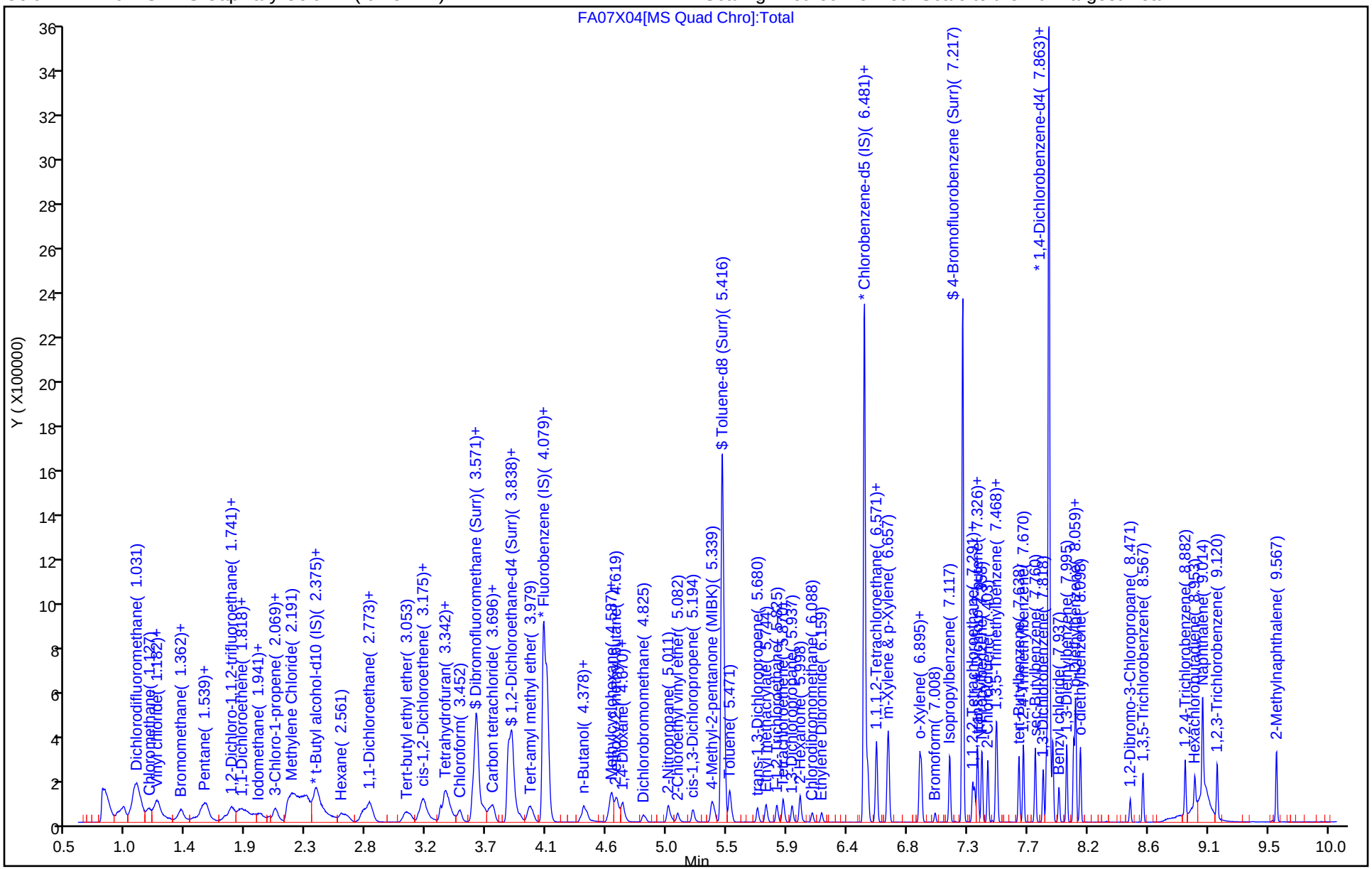
Lims ID: IC v4 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 54

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

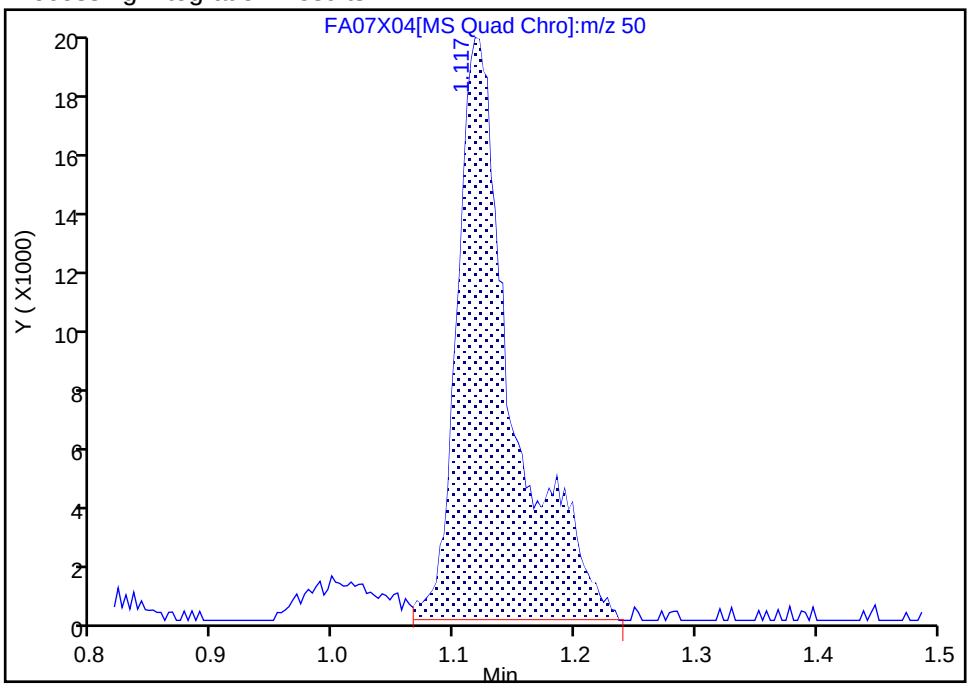
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

2 Chloromethane, CAS: 74-87-3

Signal: 1

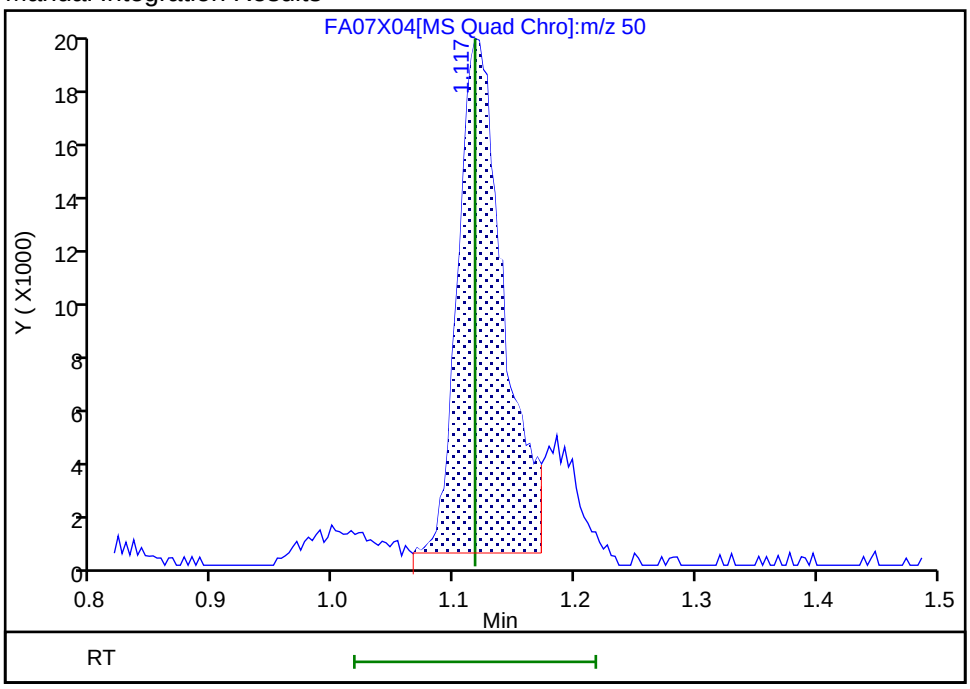
Processing Integration Results

RT: 1.12
Area: 60838
Amount: 4.794965
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 49209
Amount: 4.553927
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:31:44 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

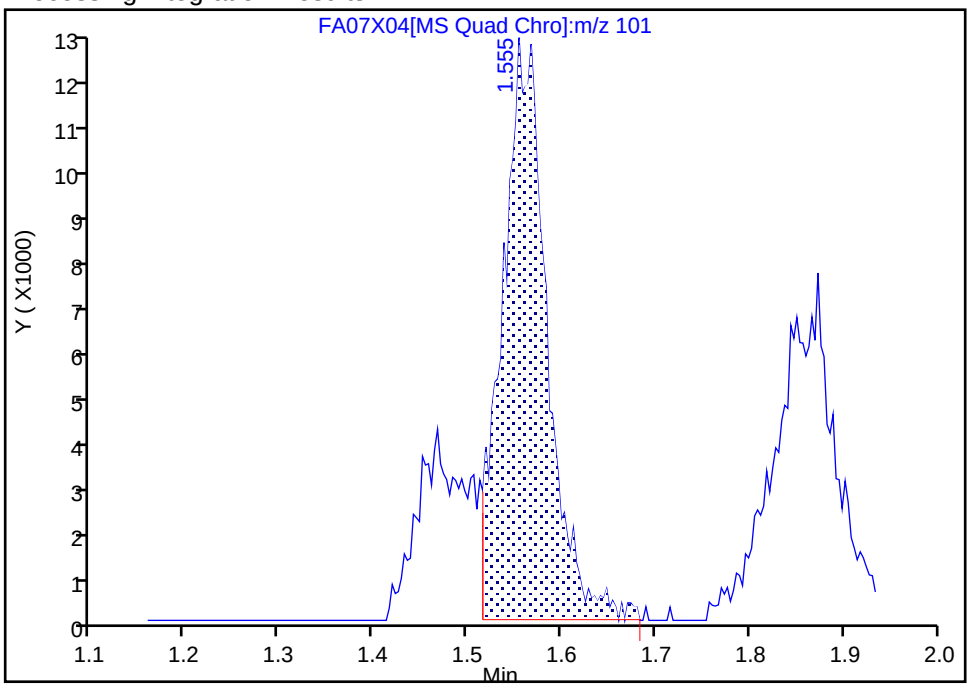
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

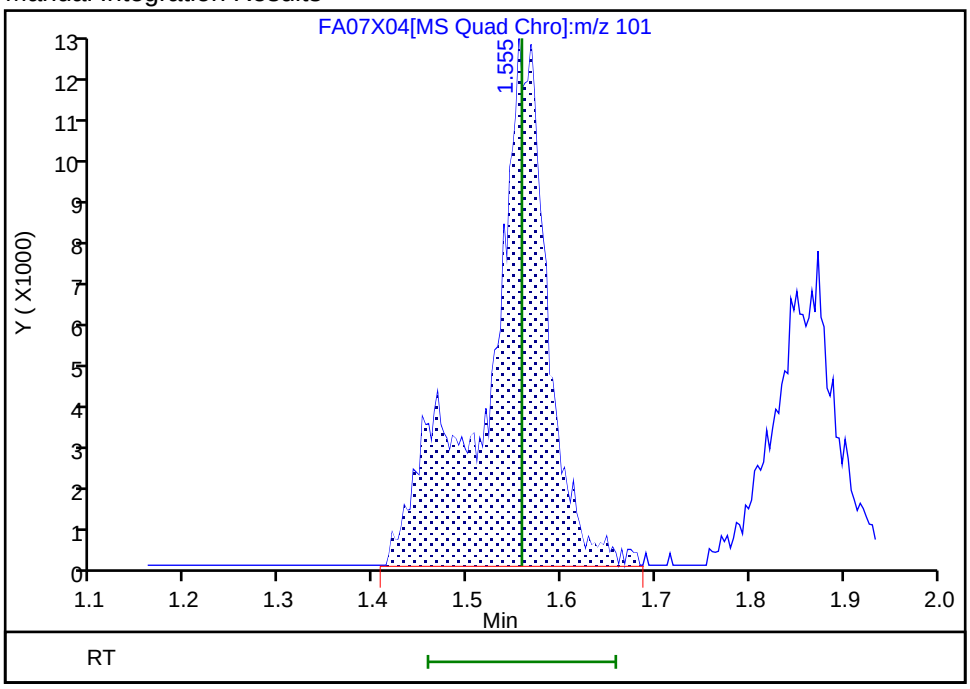
Processing Integration Results

RT: 1.55
Area: 39944
Amount: 3.357201
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 54110
Amount: 4.453010
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:32:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

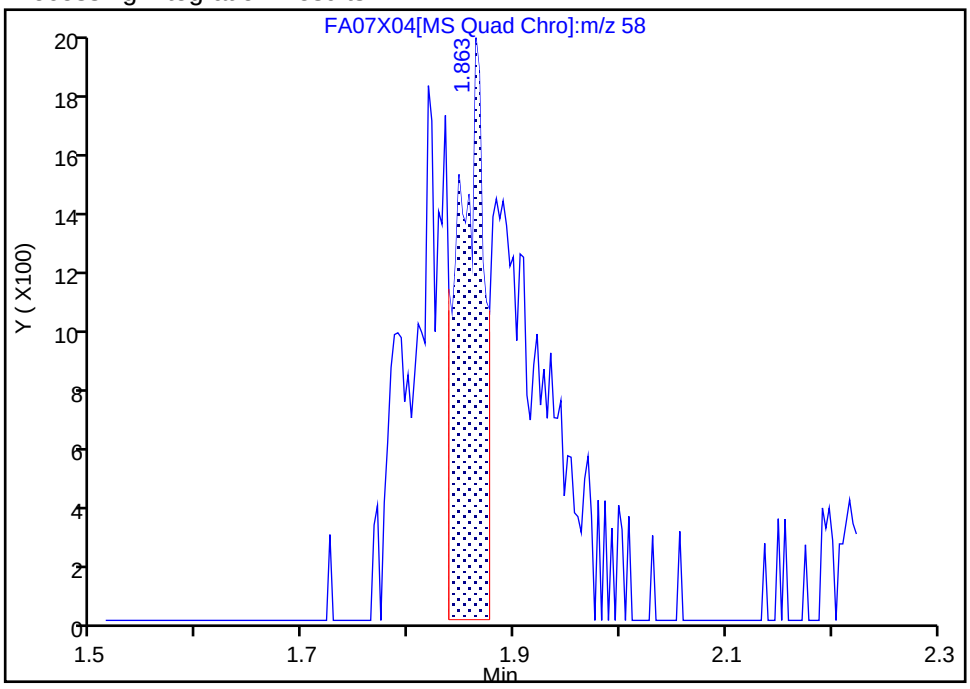
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

13 Acetone, CAS: 67-64-1

Signal: 1

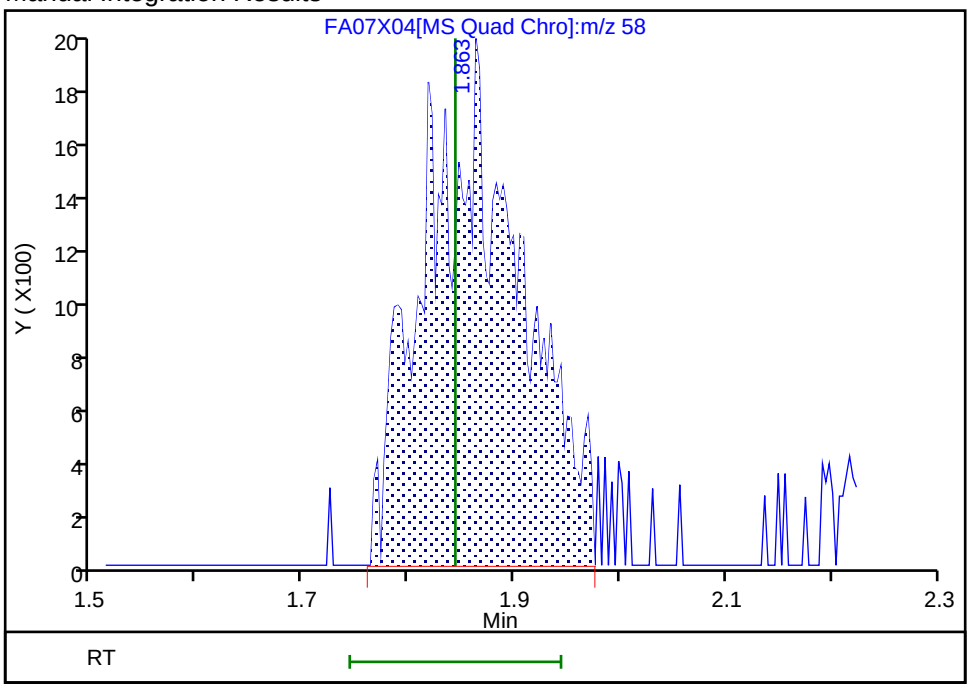
Processing Integration Results

RT: 1.86
Area: 3298
Amount: 3.056082
Amount Units: ug/l



Manual Integration Results

RT: 1.86
Area: 11972
Amount: 7.665430
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:32:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

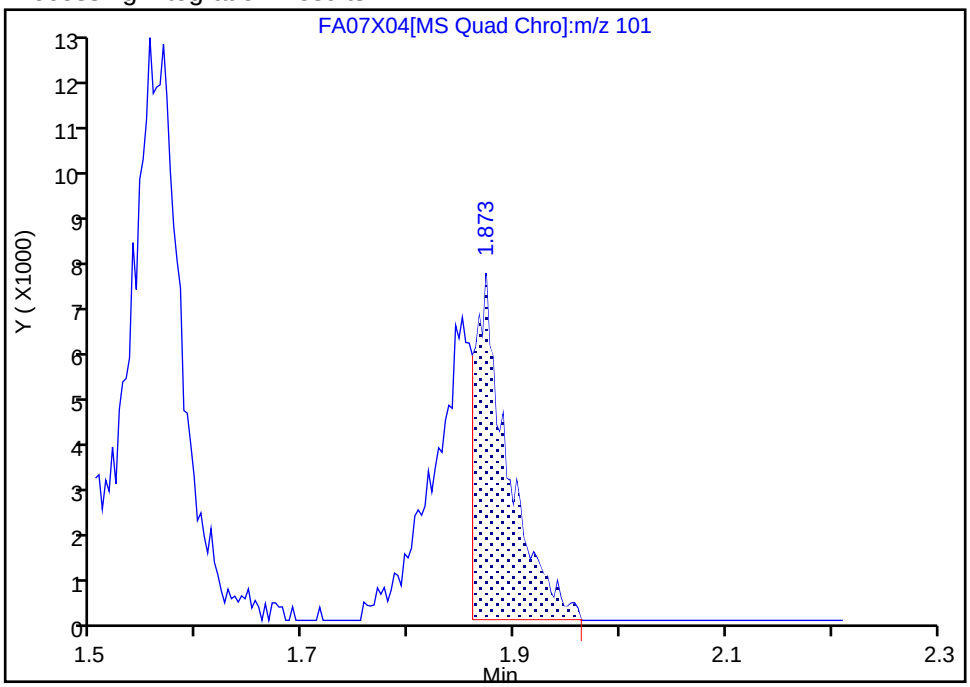
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

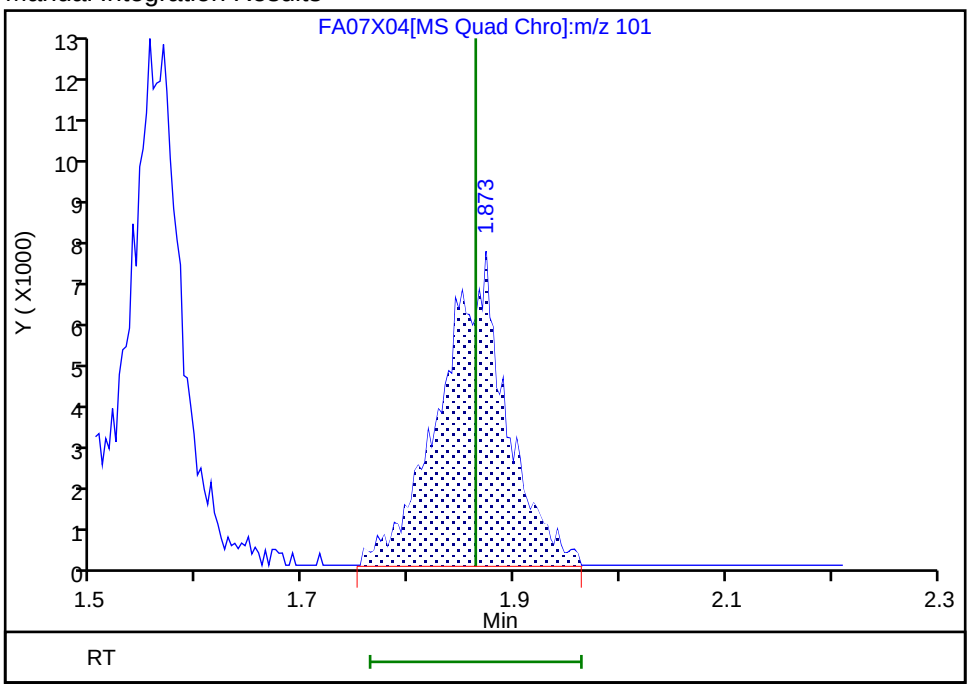
Processing Integration Results

RT: 1.87
Area: 15753
Amount: 2.921532
Amount Units: ug/l



Manual Integration Results

RT: 1.87
Area: 30992
Amount: 4.632269
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:32:28 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

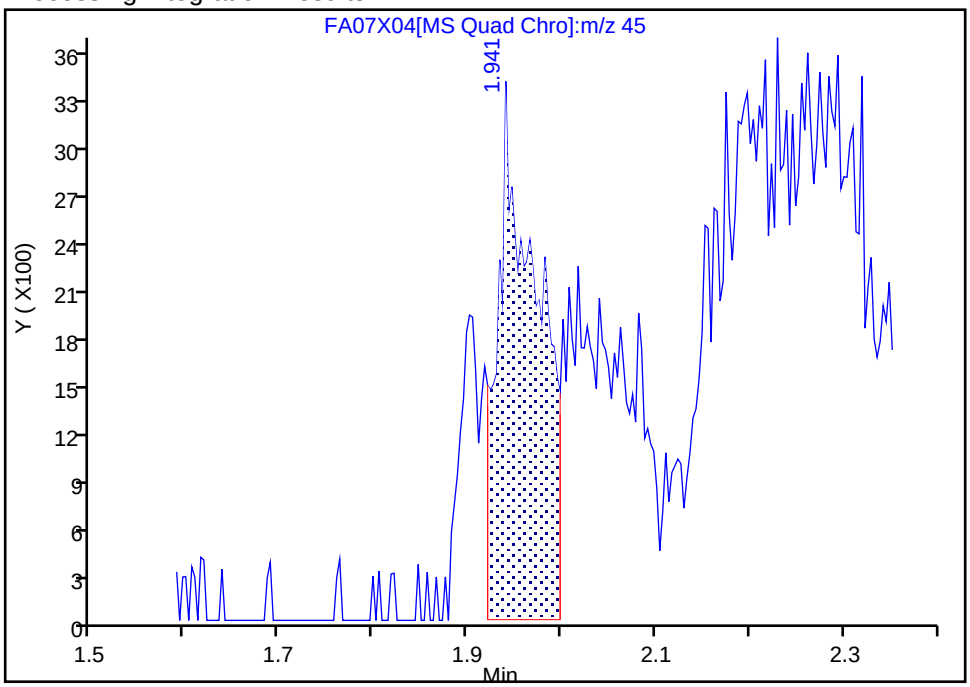
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

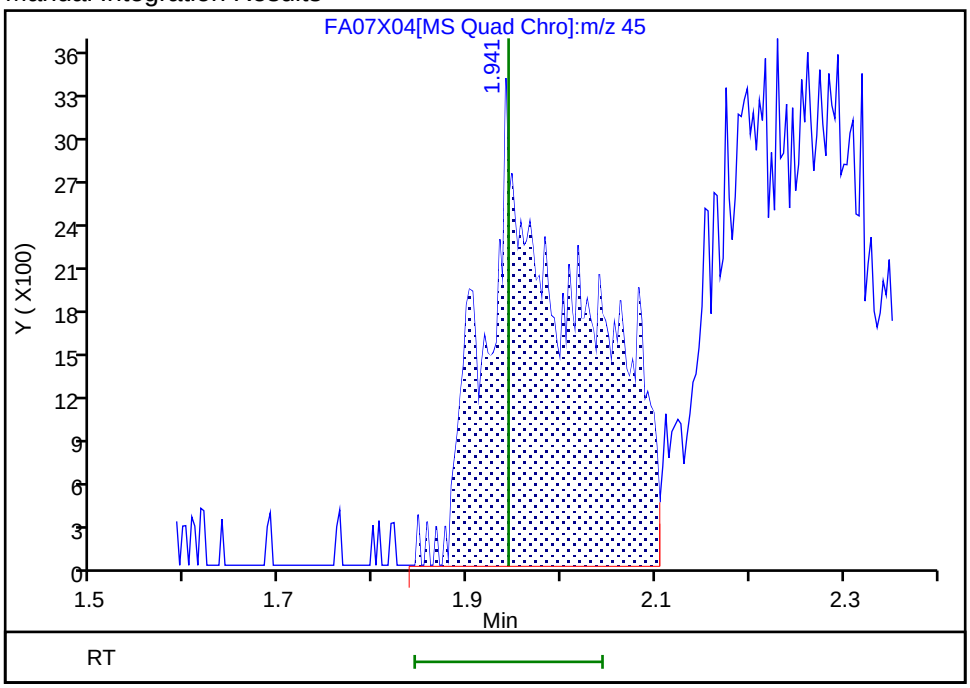
Processing Integration Results

RT: 1.94
Area: 9738
Amount: 13.310740
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 22714
Amount: 16.897154
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:32:49 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

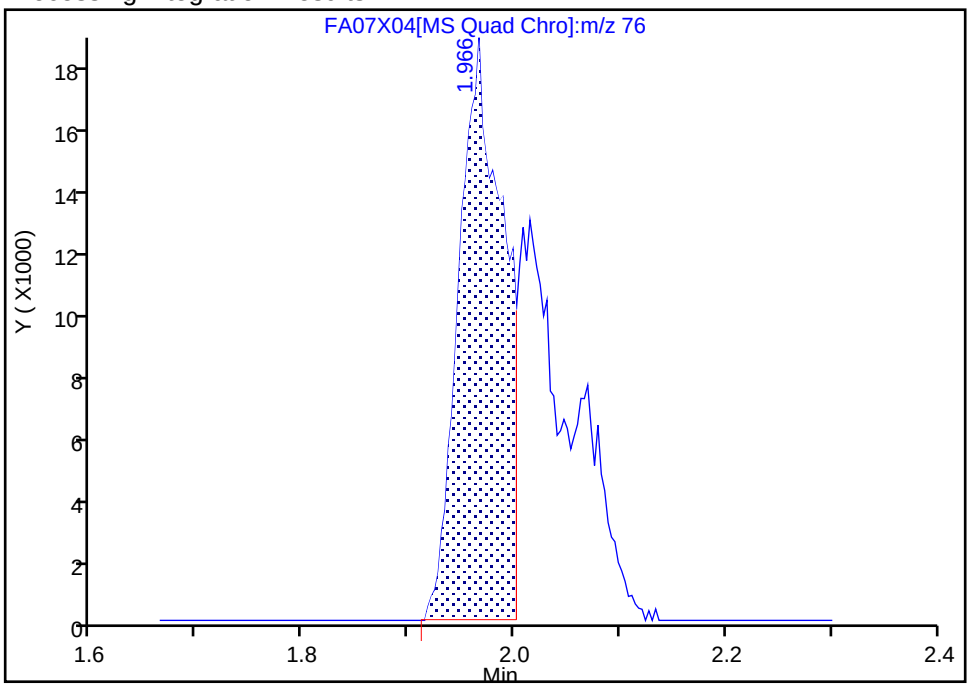
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

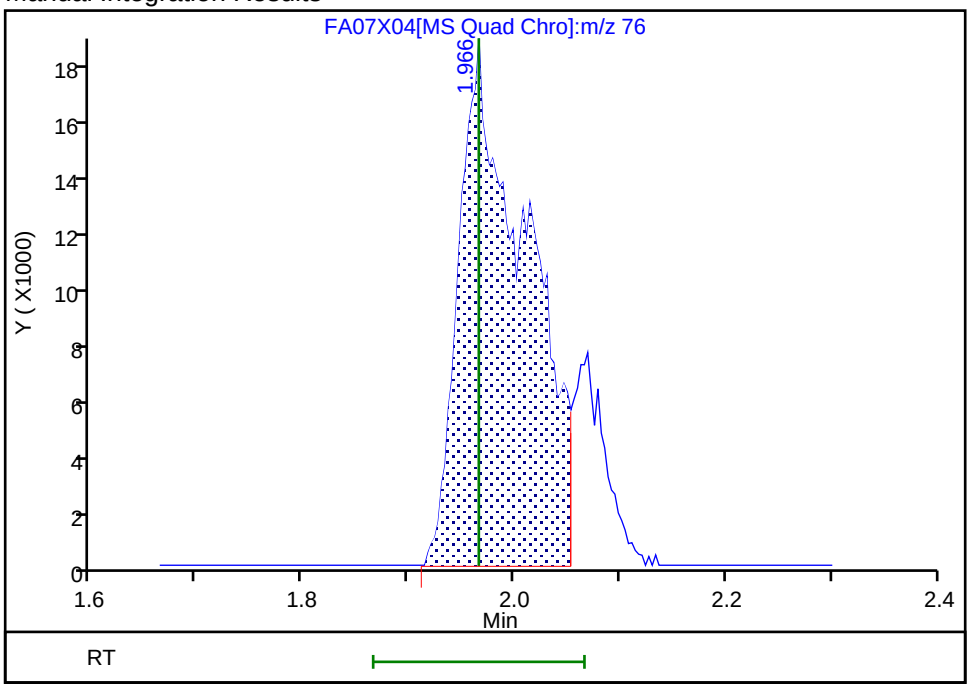
Processing Integration Results

RT: 1.97
Area: 55224
Amount: 3.564123
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 83998
Amount: 4.229245
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:33:03 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

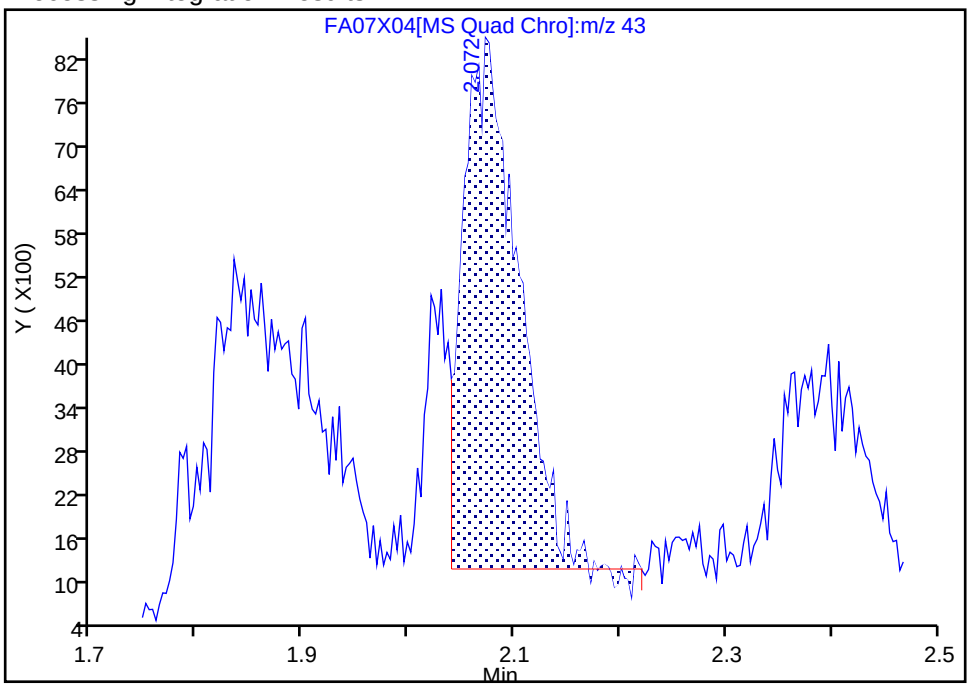
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Methyl acetate, CAS: 79-20-9

Signal: 1

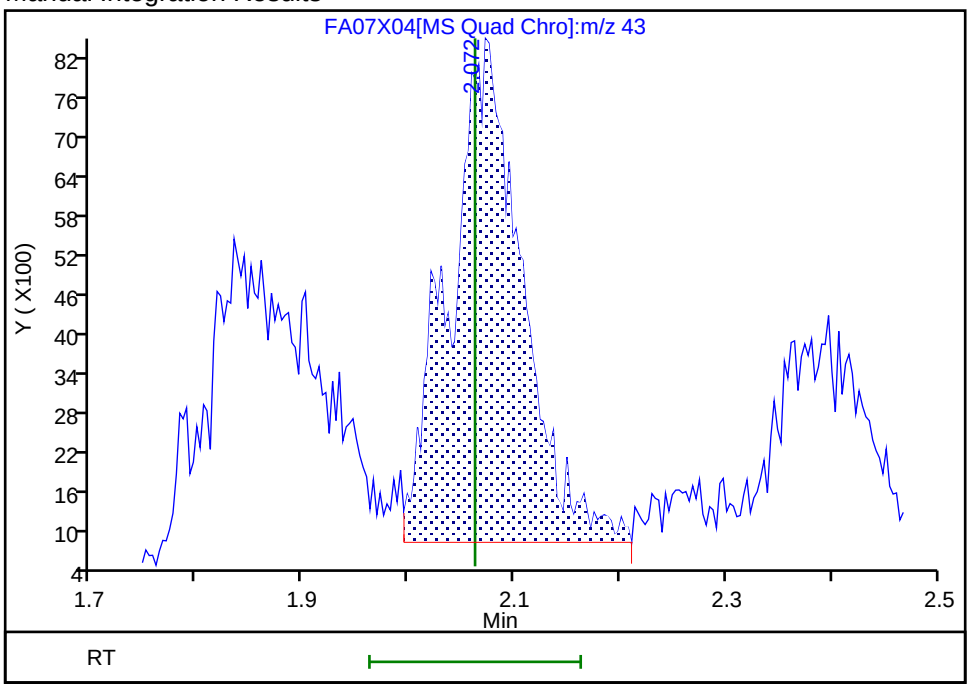
Processing Integration Results

RT: 2.07
Area: 26313
Amount: 3.355229
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 36562
Amount: 4.064404
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:33:19 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

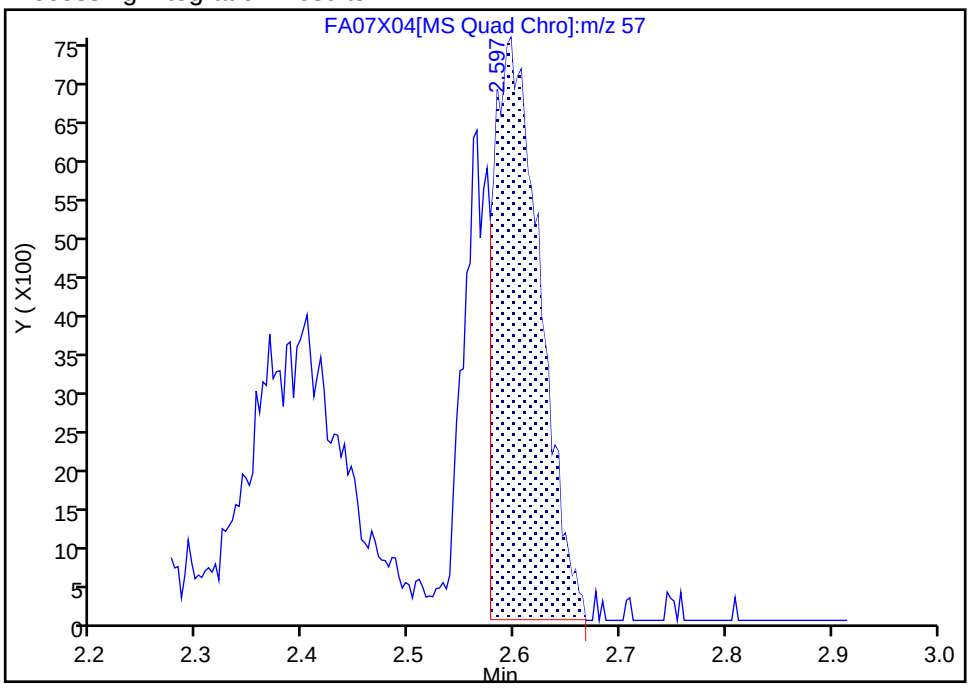
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Hexane, CAS: 110-54-3

Signal: 1

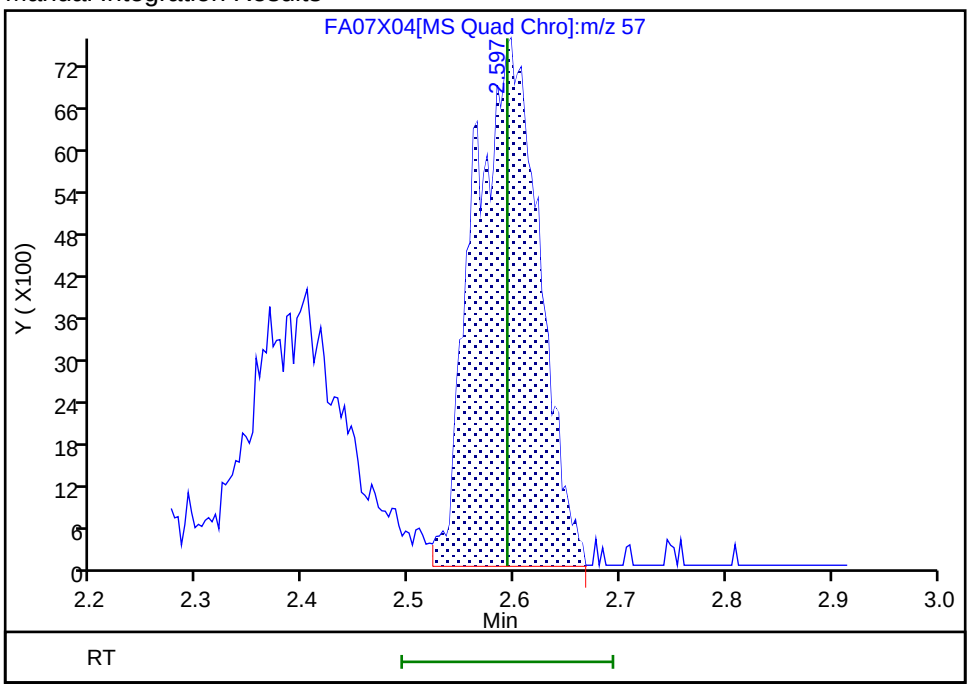
Processing Integration Results

RT: 2.60
Area: 22688
Amount: 3.572603
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 32598
Amount: 4.339076
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:33:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

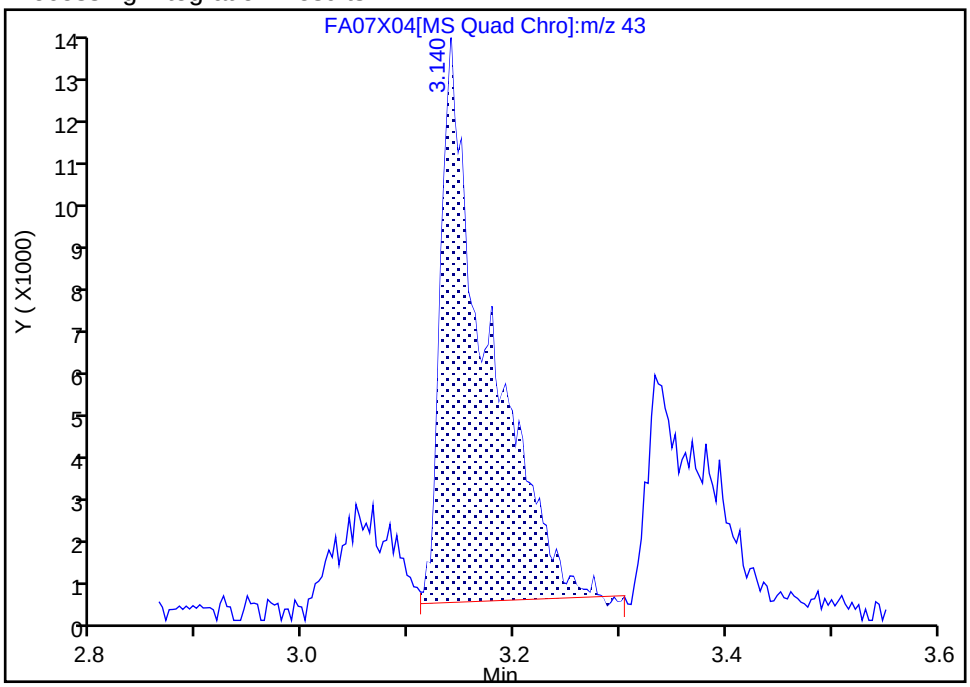
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

31 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

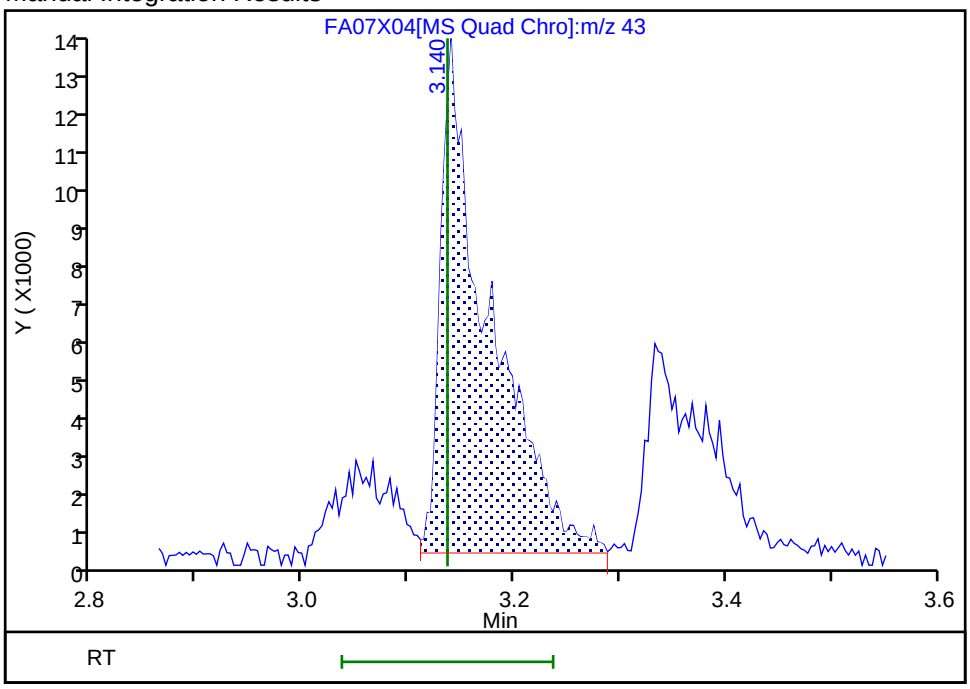
Processing Integration Results

RT: 3.14
Area: 41043
Amount: 7.211925
Amount Units: ug/l



Manual Integration Results

RT: 3.14
Area: 42411
Amount: 6.937486
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:33:59 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

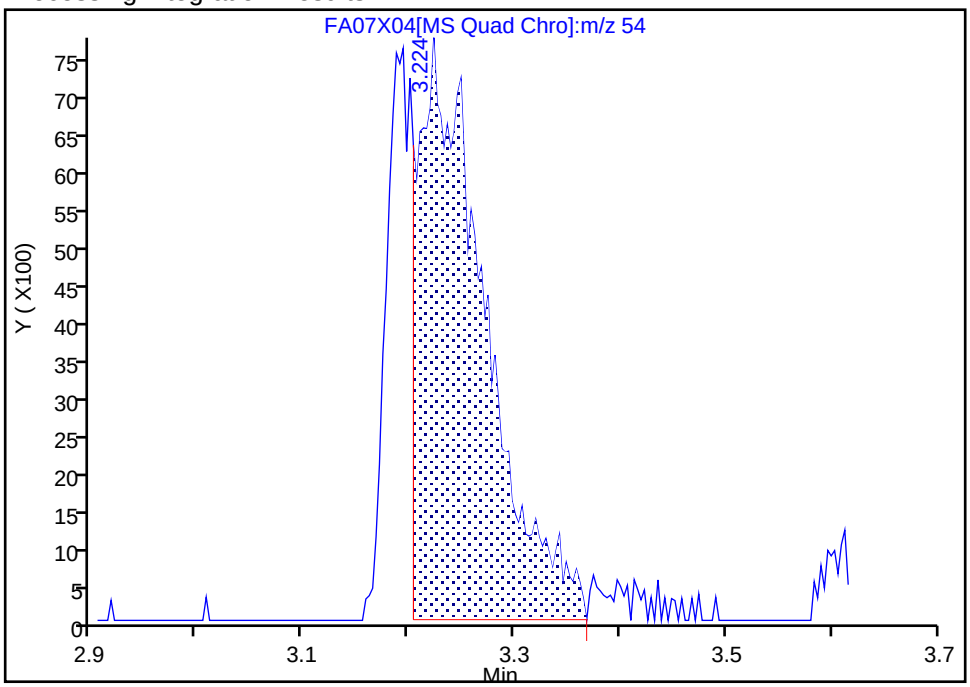
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

34 Propionitrile, CAS: 107-12-0

Signal: 1

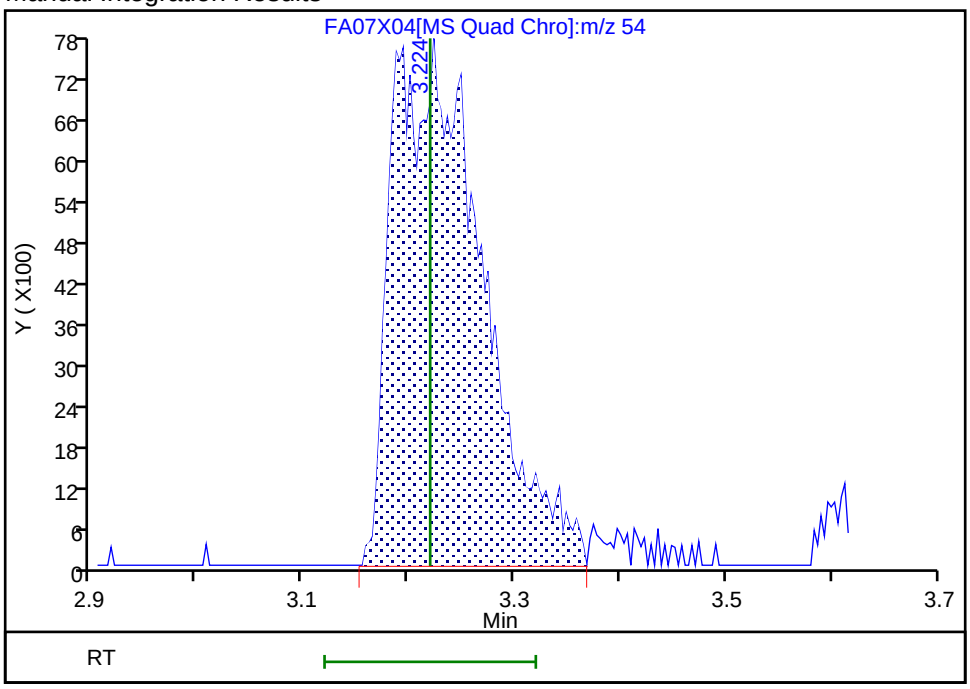
Processing Integration Results

RT: 3.22
Area: 33767
Amount: 17.862905
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 45407
Amount: 18.084977
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:34:08 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

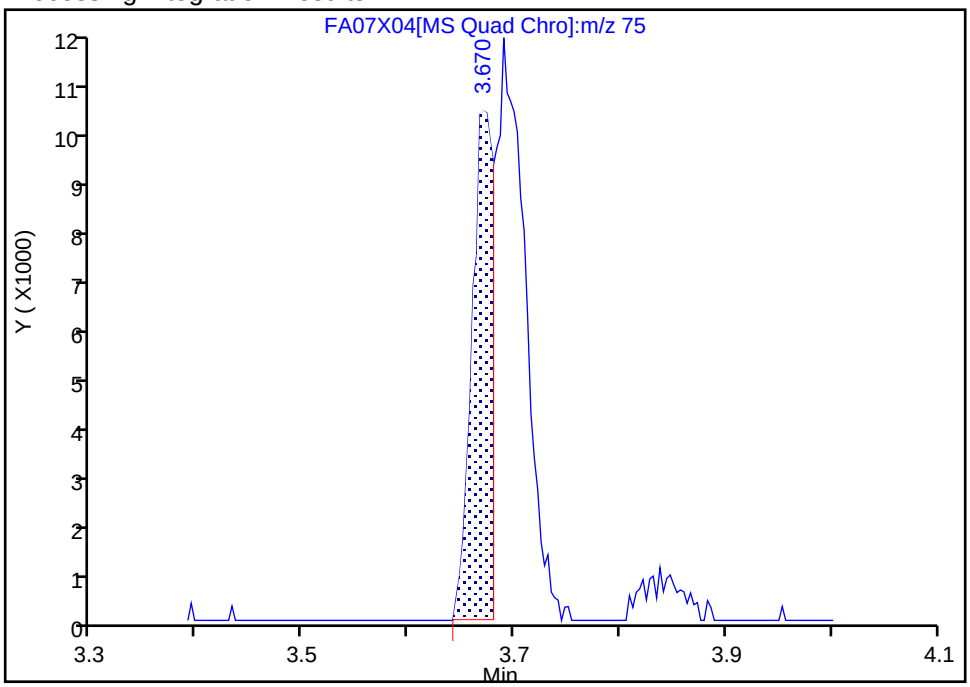
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

43 1,1-Dichloropropene, CAS: 563-58-6

Signal: 1

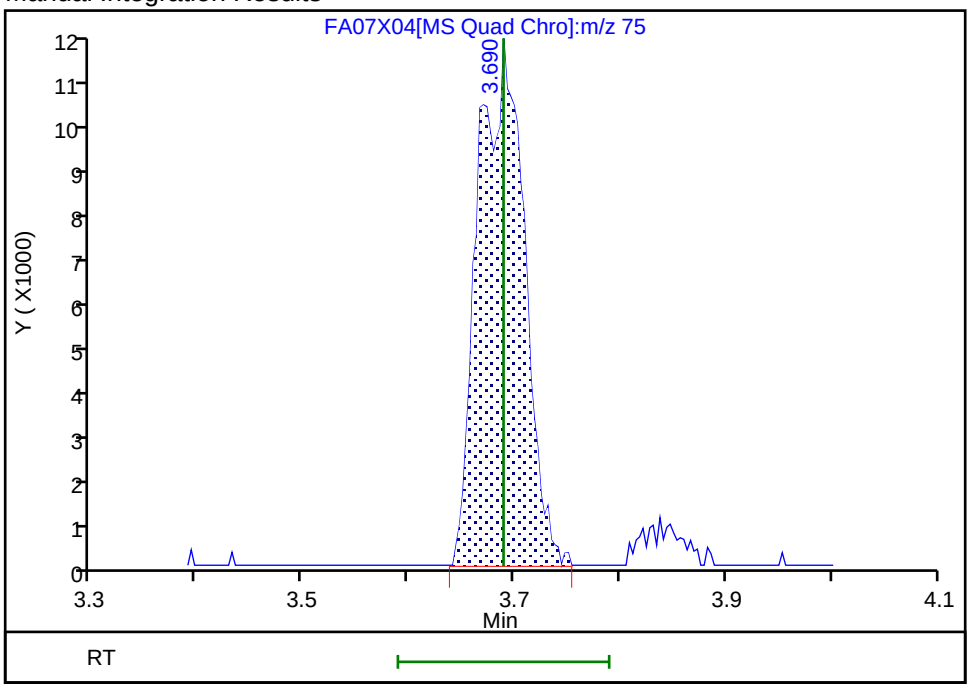
Processing Integration Results

RT: 3.67
Area: 13739
Amount: 1.875374
Amount Units: ug/l



Manual Integration Results

RT: 3.69
Area: 34335
Amount: 4.070251
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:34:21 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

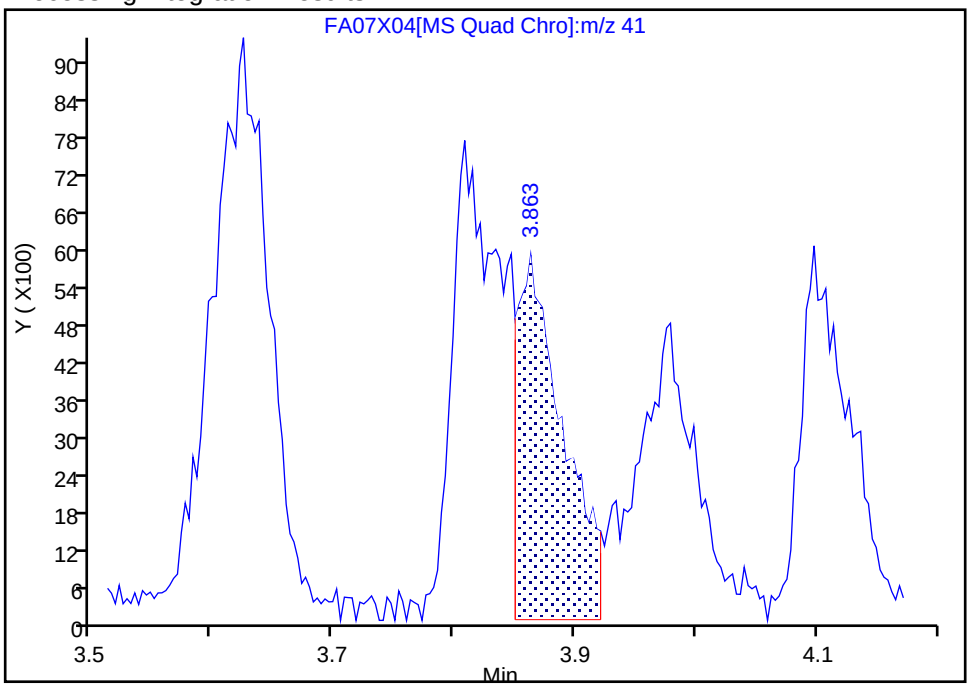
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

45 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

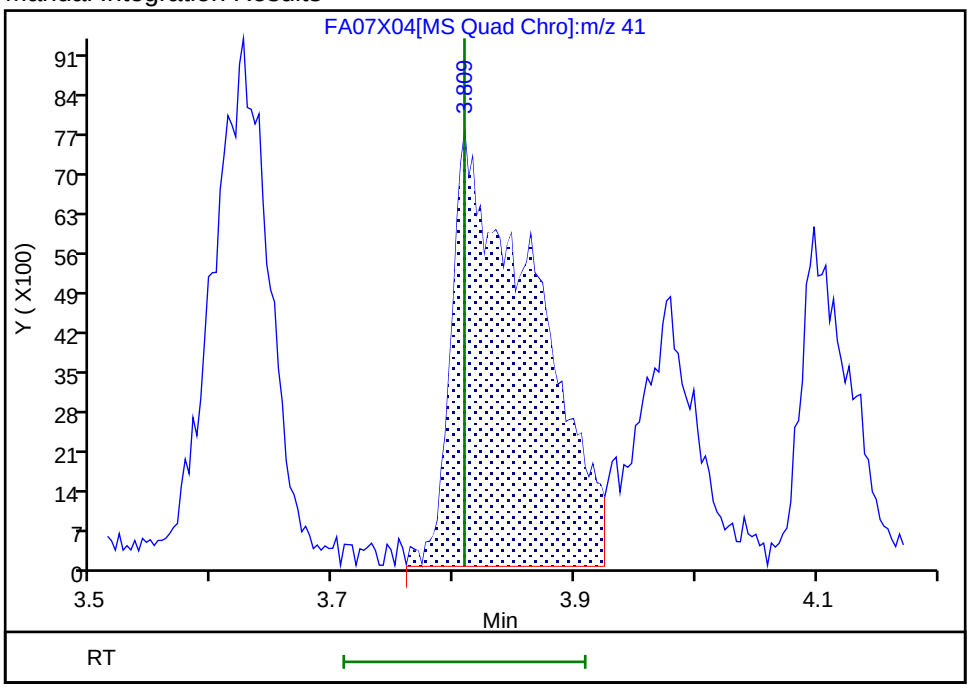
Processing Integration Results

RT: 3.86
Area: 15622
Amount: 24.868311
Amount Units: ug/l



Manual Integration Results

RT: 3.81
Area: 36879
Amount: 44.687063
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:34:46 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

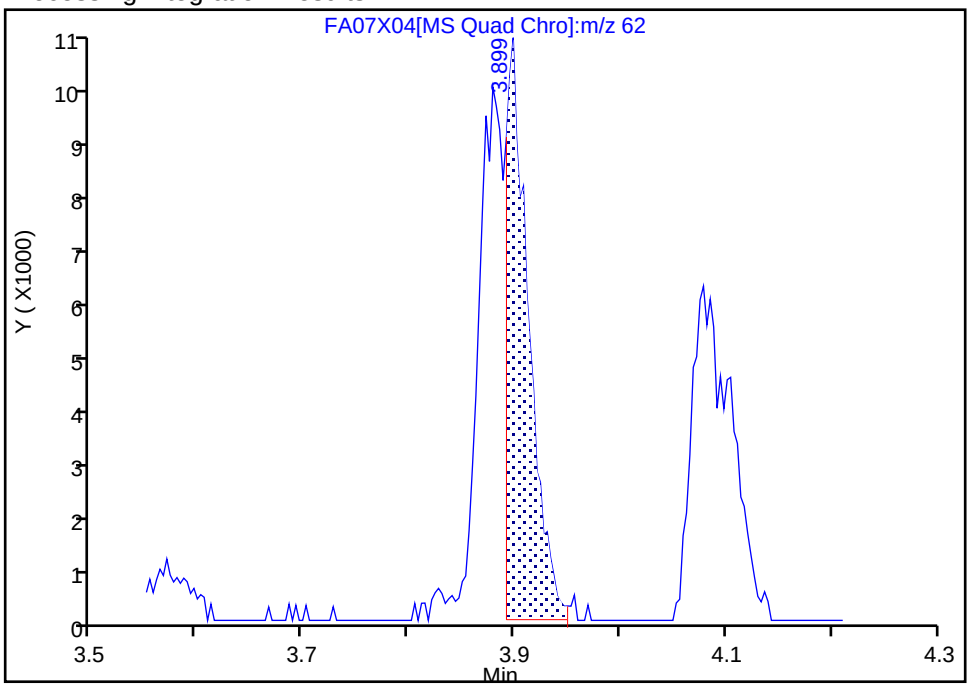
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

48 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

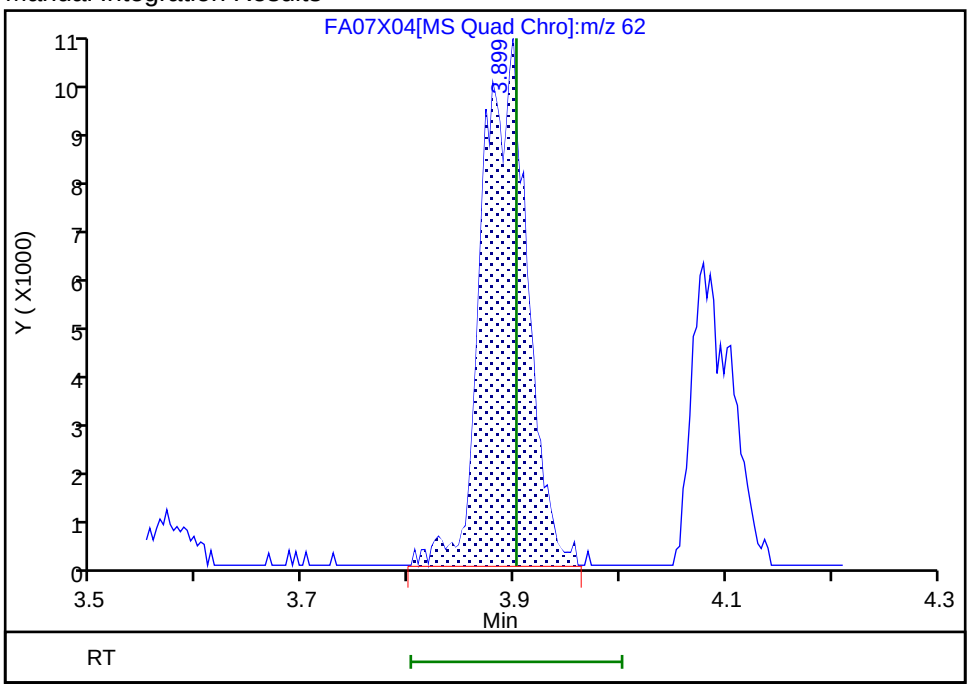
Processing Integration Results

RT: 3.90
Area: 15992
Amount: 2.190267
Amount Units: ug/l



Manual Integration Results

RT: 3.90
Area: 32399
Amount: 3.974202
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:35:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

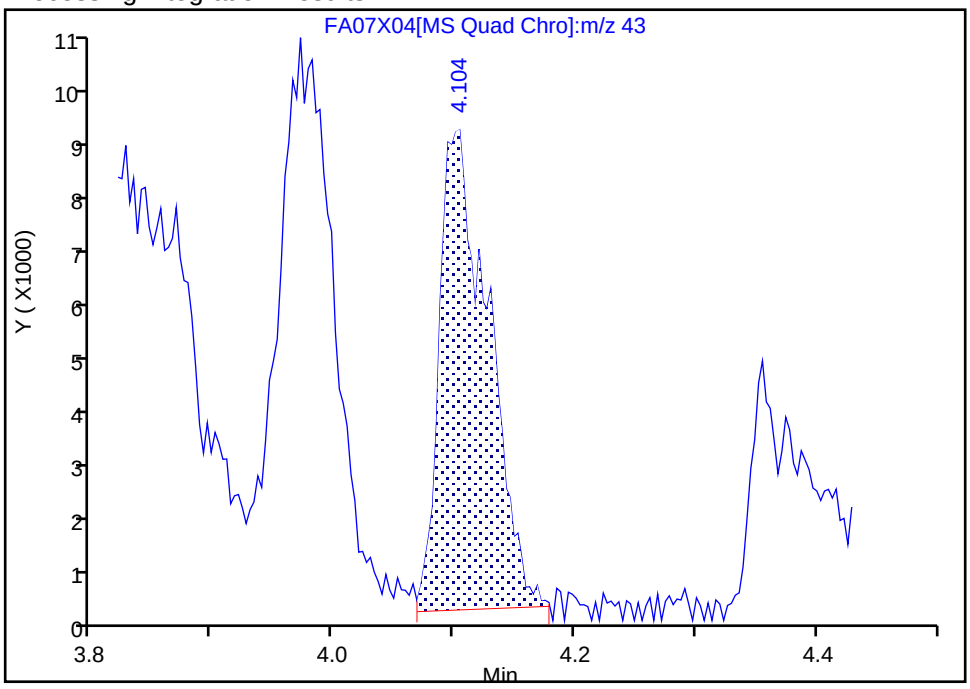
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D				
Injection Date:	07-Apr-2025 15:43:27	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

51 n-Heptane, CAS: 142-82-5

Signal: 1

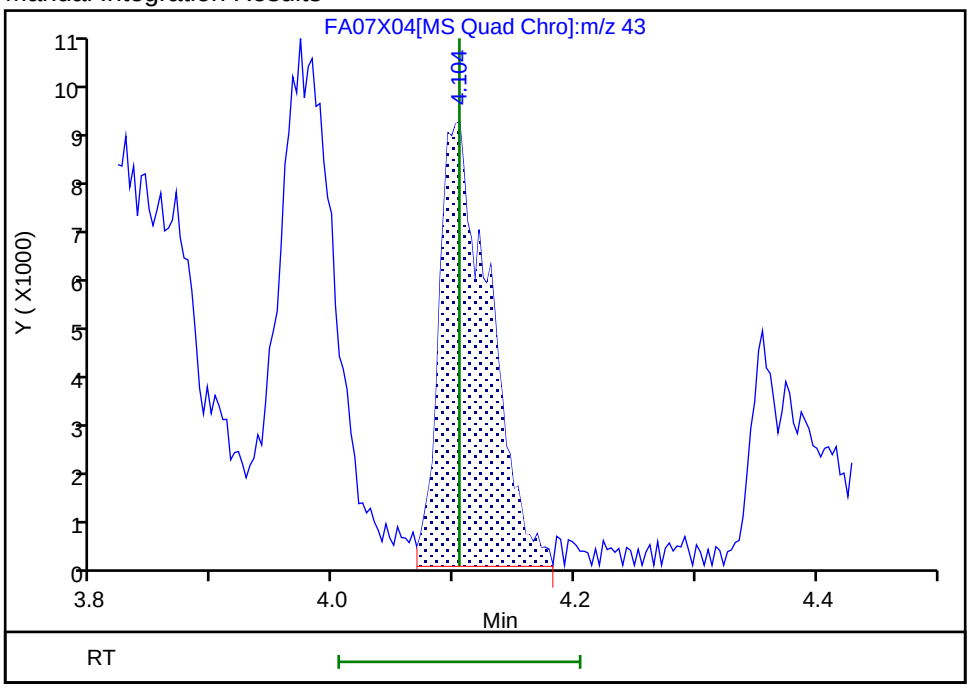
Processing Integration Results

RT: 4.10
Area: 24366
Amount: 4.530634
Amount Units: ug/l



Manual Integration Results

RT: 4.10
Area: 25729
Amount: 4.374732
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:05:33 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

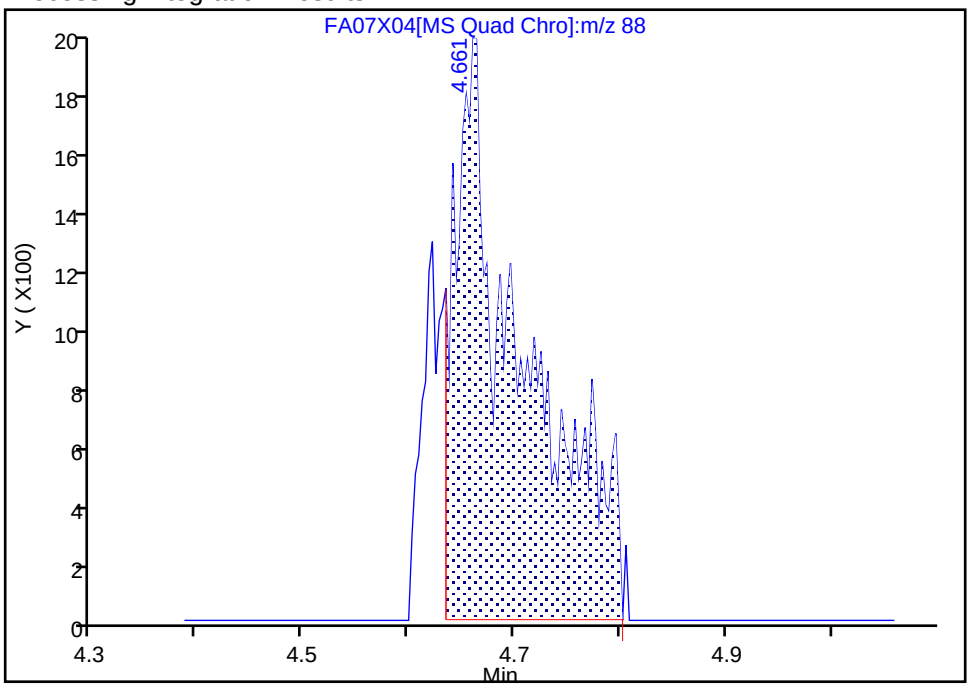
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X04.D
Injection Date: 07-Apr-2025 15:43:27 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

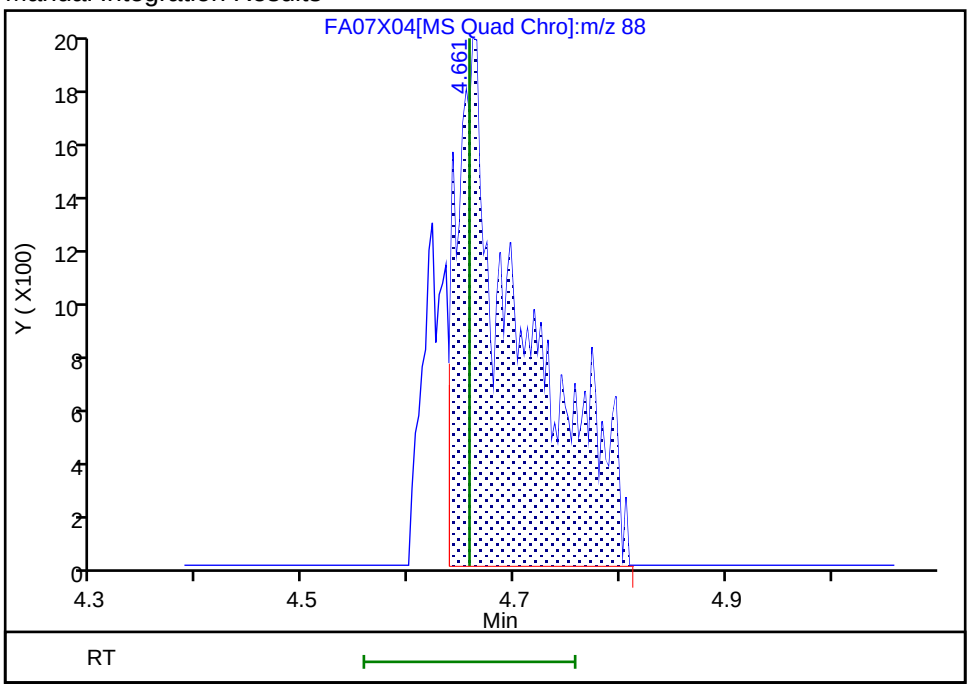
Processing Integration Results

RT: 4.66
Area: 8928
Amount: 50.047048
Amount Units: ug/l



Manual Integration Results

RT: 4.66
Area: 8758
Amount: 50.060605
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:35:31 -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\15830\20250407-143206.b\FA07X05.D
Lims ID: IC v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 07-Apr-2025 16:02:38 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v10
Misc. Info.: 410-0143206-006
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:41 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 17:31:16

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Dichlorodifluoromethane	85	1.011	1.011	0.000	98	132912	10.0	13.5	
2	Chloromethane	50	1.117	1.117	0.000	99	151720	10.0	13.7	M
4	Vinyl chloride	62	1.182	1.175	0.007	98	127138	10.0	13.2	
3	Butadiene	39	1.188	1.182	0.006	93	140996	10.0	12.5	
5	Bromomethane	94	1.359	1.358	0.001	92	87433	10.0	12.8	
6	Chloroethane	64	1.368	1.371	-0.003	75	70932	10.0	12.5	
7	Pentane	43	1.523	1.519	0.004	97	63934	10.0	6.45	
8	Dichlorofluoromethane	67	1.545	1.542	0.003	97	210770	10.0	12.8	
9	Trichlorofluoromethane	101	1.558	1.558	0.000	98	164925	10.0	13.2	M
10	1,2-Dichloro-1,1,2-trifluoroetha	67	1.732	1.728	0.004	79	106425	10.0	12.6	
11	Acrolein	56	1.751	1.741	0.010	100	294011	97.6	108.2	
12	1,1-Dichloroethene	96	1.805	1.809	-0.004	97	51982	10.0	8.82	
13	Acetone	58	1.838	1.844	-0.006	98	31052	20.0	20.2	
14	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.857	1.863	-0.006	91	51305	10.0	7.46	
15	Iodomethane	142	1.921	1.928	-0.007	98	108081	10.0	8.90	
16	Isopropyl alcohol	45	1.944	1.944	0.000	34	53162	50.0	40.3	M
17	Carbon disulfide	76	1.963	1.966	-0.003	100	173890	10.0	8.52	
19	Methyl acetate	43	2.069	2.063	0.006	83	82677	10.0	8.94	M
18	3-Chloro-1-propene	41	2.069	2.066	0.003	88	82792	10.0	7.90	
20	Methylene Chloride	84	2.178	2.175	0.003	91	63528	10.0	8.82	
* 21	t-Butyl alcohol-d10 (IS)	65	2.207	2.275	-0.068	93	837051	250.0	250.0	
22	2-Methyl-2-propanol	59	2.330	2.336	-0.006	51	146653	50.0	44.3	
23	Acrylonitrile	53	2.349	2.352	-0.003	98	117896	25.0	23.1	
24	trans-1,2-Dichloroethene	96	2.375	2.374	0.001	99	58182	10.0	8.67	
25	Methyl tert-butyl ether	73	2.378	2.403	-0.025	90	192818	10.0	8.82	
26	Hexane	57	2.600	2.593	0.007	93	42147	10.0	5.46	M
27	1,1-Dichloroethane	63	2.715	2.718	-0.003	96	99956	10.0	8.56	
28	Isopropyl ether	45	2.764	2.767	-0.003	94	167299	10.0	8.71	
29	2-Chloro-1,3-butadiene	53	2.777	2.773	0.003	94	87196	10.0	8.40	
30	Tert-butyl ethyl ether	59	3.043	3.053	-0.010	97	187208	10.0	8.82	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.137	3.136	0.001	100	139528	20.0	22.2	
32 cis-1,2-Dichloroethene	96	3.169	3.169	0.000	80	66520	10.0	8.60	
33 2,2-Dichloropropane	77	3.191	3.191	0.000	89	92057	10.0	8.38	
34 Propionitrile	54	3.227	3.220	0.007	75	99757	50.0	40.5	M
35 Methacrylonitrile	67	3.304	3.336	-0.032	90	91975	25.0	21.8	
37 Tetrahydrofuran	71	3.333	3.336	-0.003	81	89446	50.0	40.5	
36 Chlorobromomethane	128	3.362	3.352	0.010	93	32845	10.0	8.88	
39 Chloroform	83	3.452	3.448	0.004	93	100067	10.0	8.62	
$ 40 Dibromofluoromethane (Surr)	113	3.574	3.571	0.003	93	341804	50.0	50.9	
41 1,1,1-Trichloroethane	97	3.574	3.574	0.000	44	90273	10.0	8.53	
42 Cyclohexane	56	3.625	3.625	0.000	89	77646	10.0	6.47	
43 1,1-Dichloropropene	75	3.696	3.690	0.006	95	70317	10.0	8.11	
44 Carbon tetrachloride	117	3.693	3.696	-0.003	88	65769	10.0	7.76	
45 Isobutyl alcohol	41	3.815	3.808	0.007	95	81205	125.0	100.2	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.841	3.831	0.010	79	80314	50.0	49.9	
47 Benzene	78	3.847	3.847	0.000	95	209267	10.0	8.42	
48 1,2-Dichloroethane	62	3.895	3.902	-0.007	96	70706	10.0	8.44	
49 Tert-amyl methyl ether	73	3.976	3.979	-0.003	98	179599	10.0	8.70	
* 50 Fluorobenzene (IS)	96	4.098	4.098	0.000	99	1192854	50.0	50.0	
51 n-Heptane	43	4.095	4.104	-0.009	37	27739	10.0	4.59	M
52 n-Butanol	56	4.352	4.355	-0.003	89	67713	125.0	99.2	
53 Trichloroethene	95	4.381	4.394	-0.013	98	51235	10.0	8.27	
54 Methylcyclohexane	83	4.580	4.583	-0.003	90	61681	10.0	5.22	
55 1,2-Dichloropropane	63	4.593	4.596	-0.003	93	46178	10.0	8.09	
56 2-ethoxy-2-methyl butane	87	4.629	4.625	0.004	95	89133	10.0	8.55	
57 1,4-Dioxane	88	4.654	4.657	-0.003	63	21623	125.0	125.8	M
58 Methyl methacrylate	69	4.667	4.670	-0.003	90	42051	10.0	8.12	
59 Dibromomethane	93	4.667	4.673	-0.006	95	33764	10.0	8.65	
60 Dichlorobromomethane	83	4.831	4.831	0.000	98	51660	10.0	7.68	
61 2-Nitropropane	41	5.008	5.011	-0.003	98	94550	50.0	34.0	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	92	37903	10.0	10.4	
63 cis-1,3-Dichloropropene	75	5.198	5.197	0.001	95	60339	10.0	7.70	
64 4-Methyl-2-pentanone (MIBK)	43	5.339	5.339	0.000	97	237962	20.0	21.9	
$ 65 Toluene-d8 (Surr)	98	5.416	5.416	0.000	93	1050269	50.0	49.7	
66 Toluene	92	5.474	5.474	0.000	98	110074	10.0	8.04	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	94	52254	10.0	7.67	
68 Ethyl methacrylate	69	5.741	5.741	0.000	88	72168	10.0	8.56	
69 1,1,2-Trichloroethane	97	5.821	5.824	-0.003	91	37963	10.0	8.35	
70 Tetrachloroethene	166	5.873	5.873	0.000	95	43026	10.0	7.50	
71 1,3-Dichloropropane	76	5.937	5.937	0.000	92	64167	10.0	8.45	
72 2-Hexanone	43	5.998	5.995	0.003	97	179442	20.0	22.7	
73 Chlorodibromomethane	129	6.091	6.091	0.000	89	34856	10.0	7.71	
S 74 1,2-Dichloroethene, Total	100				0			17.3	
75 Ethylene Dibromide	107	6.159	6.159	0.000	99	42711	10.0	8.56	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.480	0.001	86	794766	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	96	119434	10.0	8.10	
78 1-Chlorohexane	91	6.506	6.506	0.000	96	48575	10.0	6.64	
79 1,1,1,2-Tetrachloroethane	131	6.564	6.567	-0.003	93	46306	10.0	8.04	
80 Ethylbenzene	91	6.571	6.570	0.001	98	219920	10.0	7.99	
81 m-Xylene & p-Xylene	106	6.657	6.657	0.000	99	171309	20.0	15.9	
82 o-Xylene	106	6.895	6.895	0.000	97	92932	10.0	8.13	
83 Styrene	104	6.908	6.908	0.000	94	140386	10.0	8.38	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.008	7.008	0.000	95	25897	10.0	8.11	
85 Isopropylbenzene	105	7.120	7.120	0.000	96	202353	10.0	7.41	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	86	444100	50.0	52.0	
87 Bromobenzene	156	7.291	7.291	0.000	94	52841	10.0	7.96	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	96	83621	10.0	8.56	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	85	59092	25.0	20.2	
90 1,2,3-Trichloropropane	110	7.329	7.332	-0.003	86	28698	10.0	8.85	
91 N-Propylbenzene	91	7.358	7.361	-0.003	99	250138	10.0	7.27	
92 2-Chlorotoluene	126	7.407	7.406	0.001	97	55300	10.0	7.64	
93 1,3,5-Trimethylbenzene	105	7.468	7.464	0.004	94	178961	10.0	6.92	
94 4-Chlorotoluene	126	7.474	7.474	0.000	98	52512	10.0	7.68	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	31799	10.0	6.10	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	97	188021	10.0	7.22	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	192134	10.0	6.24	
98 1,3-Dichlorobenzene	146	7.818	7.818	0.000	97	99257	10.0	7.64	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	97	174709	10.0	6.48	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	95	503547	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	95	101836	10.0	7.79	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	98	201255	10.0	7.41	
103 Benzyl chloride	91	7.937	7.937	0.000	99	138589	10.0	7.20	
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	95	97836	10.0	6.30	
105 p-Diethylbenzene	119	8.046	8.046	0.000	95	102760	10.0	6.31	
106 n-Butylbenzene	92	8.059	8.059	0.000	97	80453	10.0	6.23	
107 1,2-Dichlorobenzene	146	8.062	8.066	-0.004	98	105597	10.0	7.92	
108 o-diethylbenzene	119	8.098	8.098	0.000	95	84859	10.0	6.44	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	83	27701	10.0	7.87	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	62535	10.0	6.64	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	94	64565	10.0	6.84	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	97	16147	10.0	5.10	
113 Naphthalene	128	9.014	9.014	0.000	97	339332	10.0	8.45	
114 1,2,3-Trichlorobenzene	180	9.124	9.123	0.001	95	67974	10.0	7.22	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	93	153164	10.0	7.35	
S 139 1,3-Dichloropropene, Total	100				0			15.4	
S 140 Xylenes, Total	106				0			24.1	
S 141 Total Diethylbenzene	1				0			19.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00230	Amount Added:	2.00	Units: uL	
MSV_CCV_GASES_01005	Amount Added:	1.00	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	1.60	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	2.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:42 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D

Injection Date: 07-Apr-2025 16:02:38 Instrument ID: 15830 Operator ID: knk41612

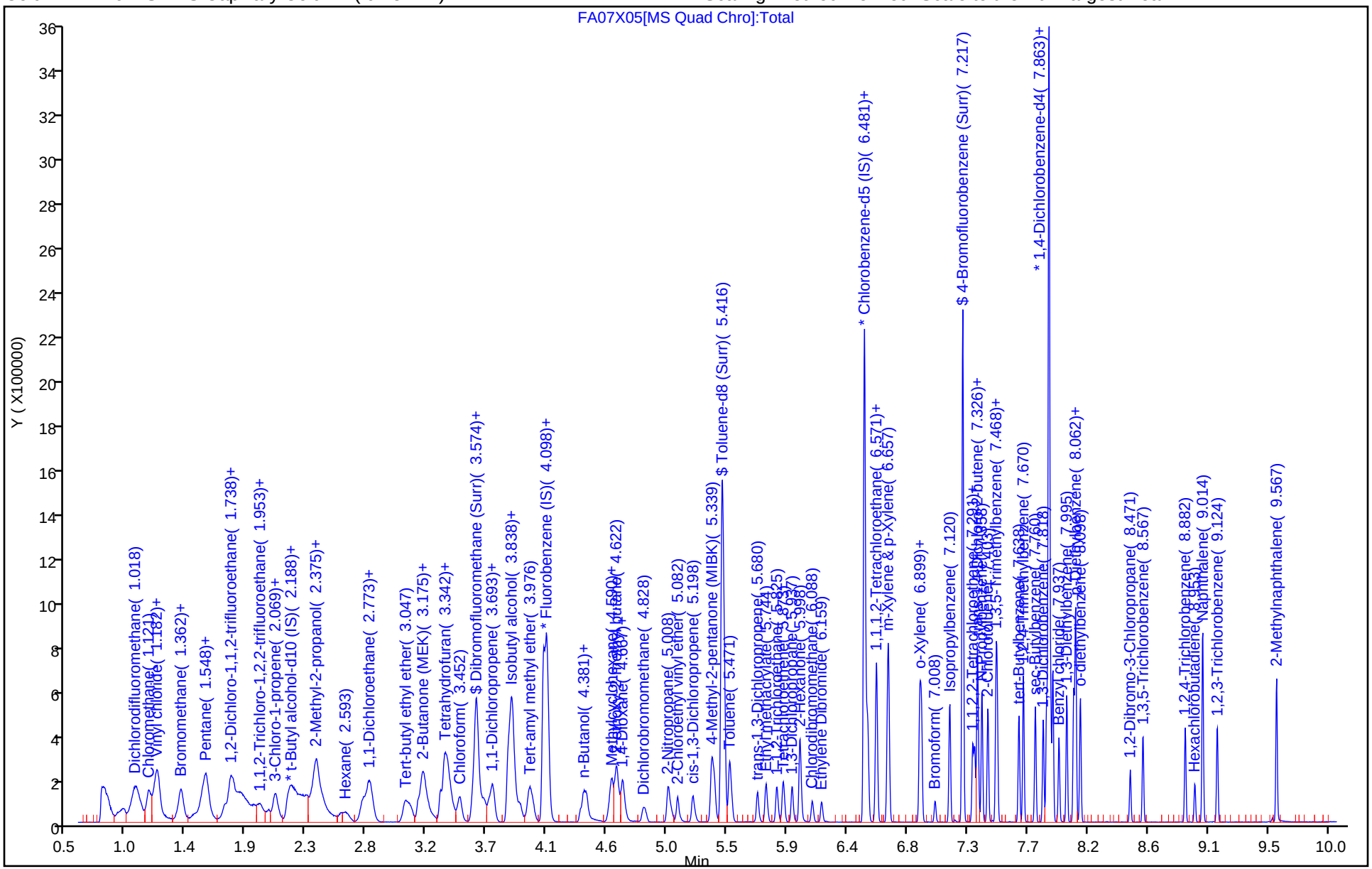
Lims ID: IC v10 Worklist Smp#: 6

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 55

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

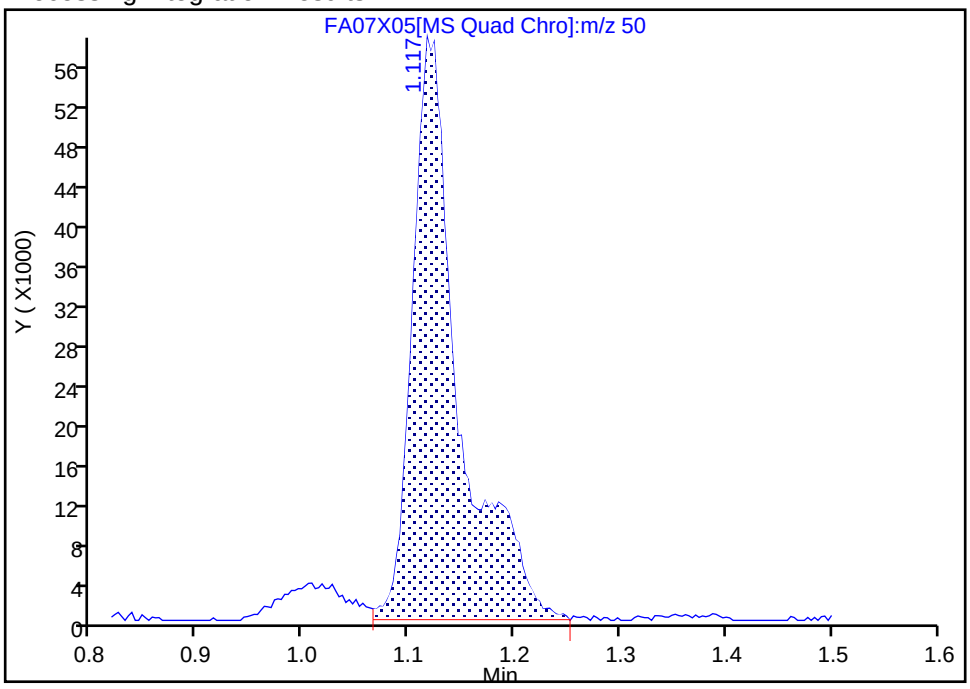
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D				
Injection Date:	07-Apr-2025 16:02:38	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	55	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

2 Chloromethane, CAS: 74-87-3

Signal: 1

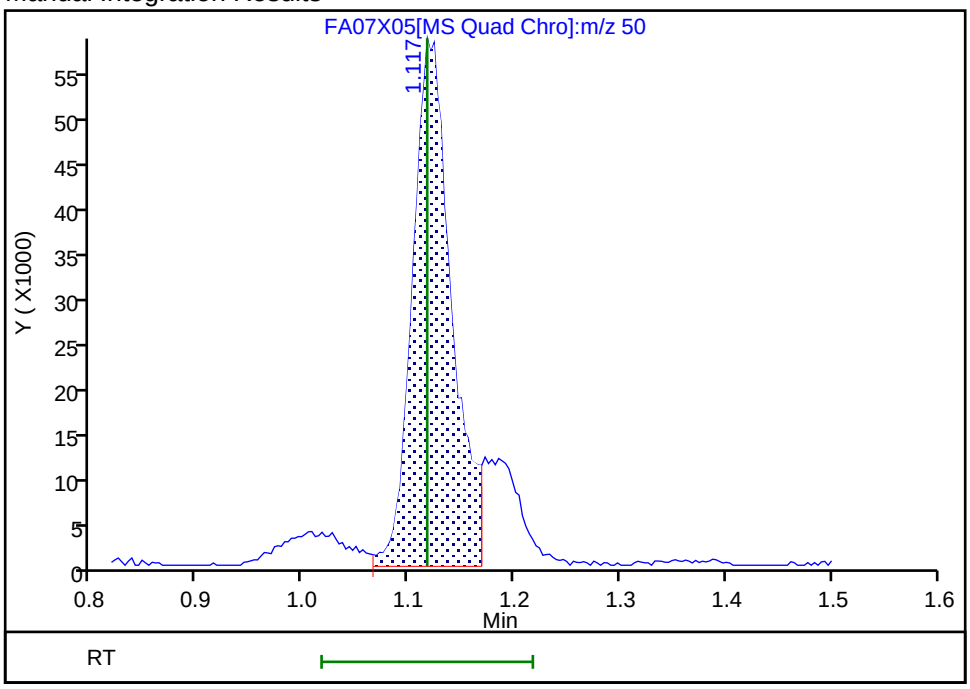
Processing Integration Results

RT: 1.12
Area: 179628
Amount: 13.303061
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 151720
Amount: 13.663924
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:28:50 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

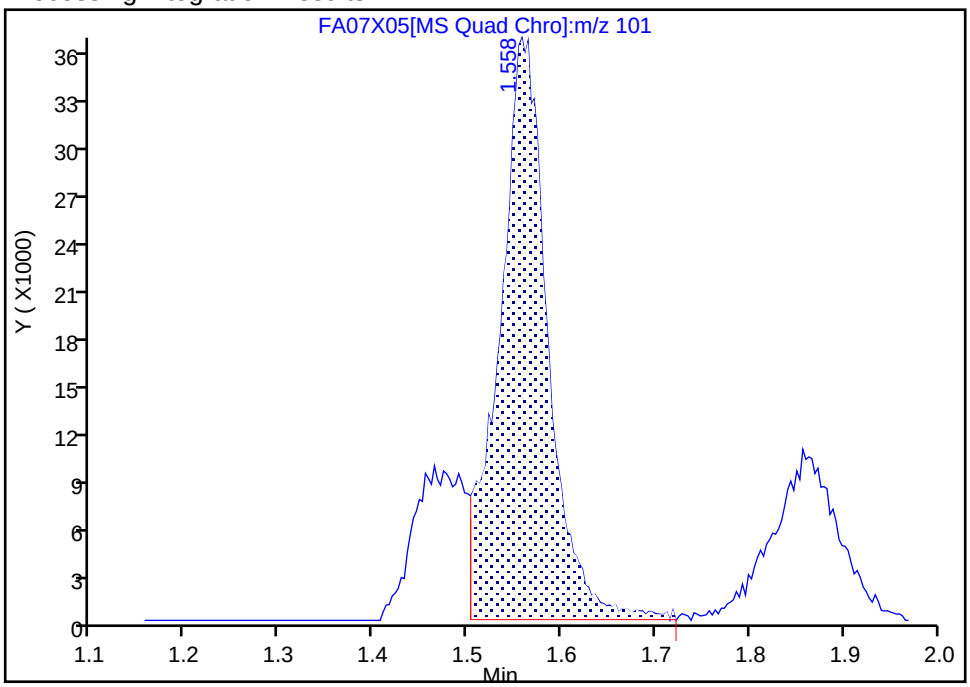
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D
Injection Date: 07-Apr-2025 16:02:38 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

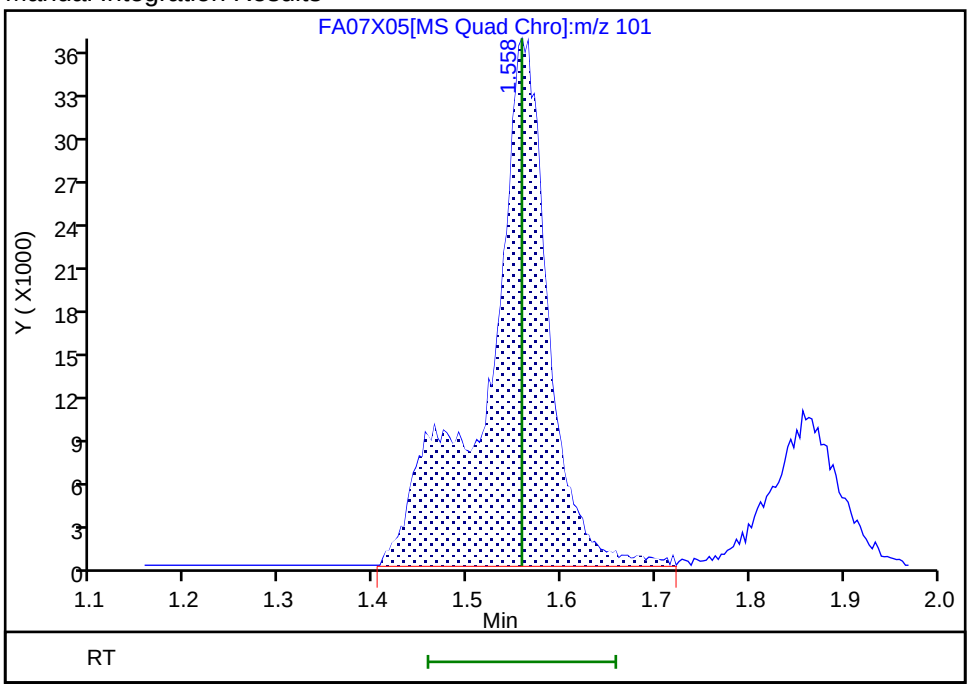
Processing Integration Results

RT: 1.56
Area: 130117
Amount: 11.494000
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 164925
Amount: 13.208507
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:29:06 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

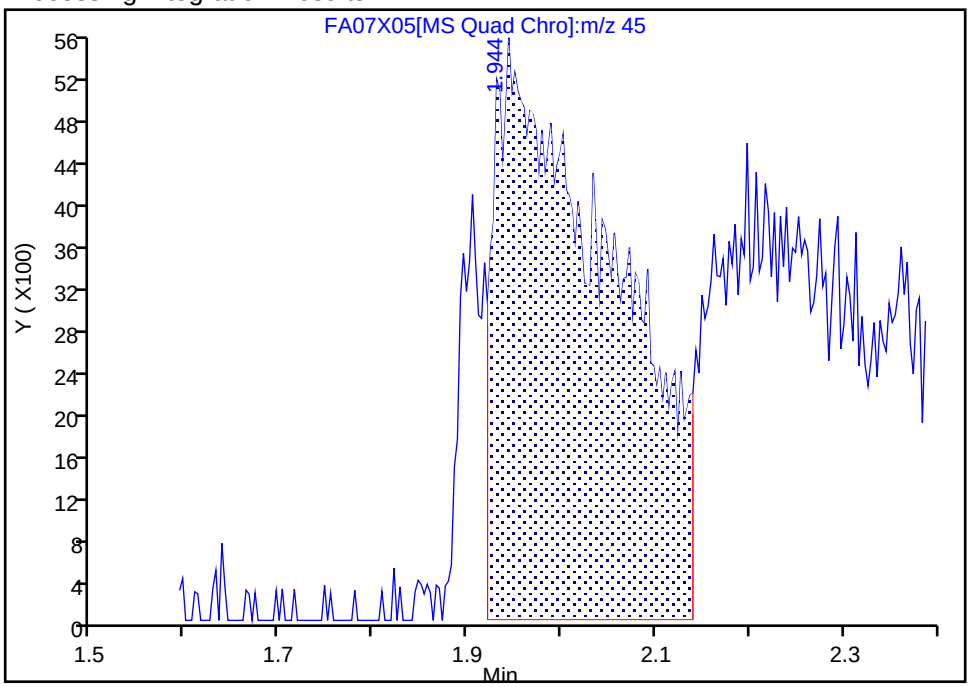
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D				
Injection Date:	07-Apr-2025 16:02:38	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	55	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

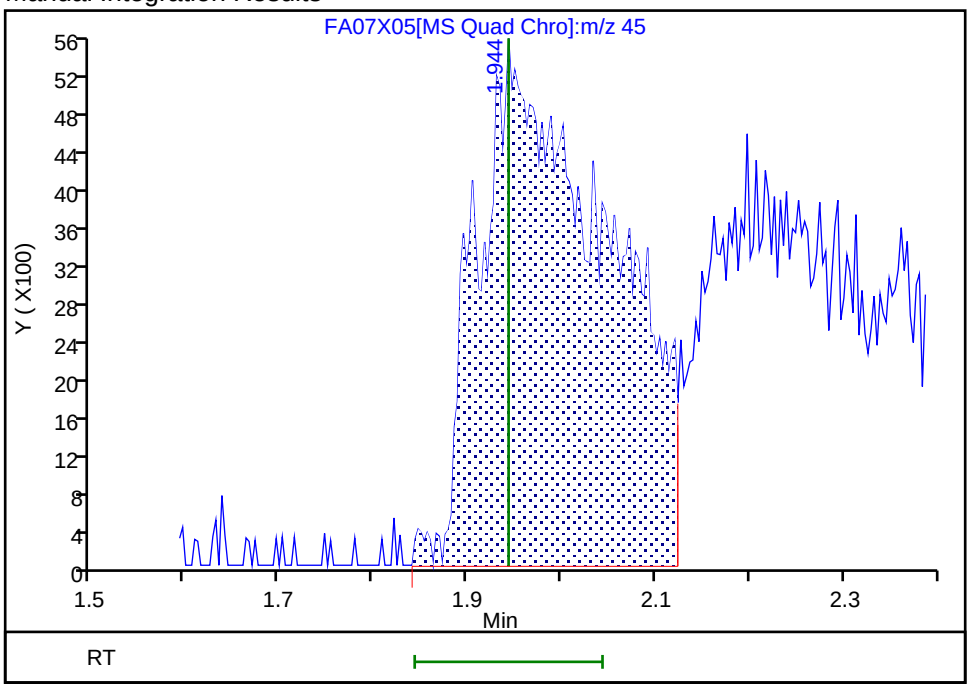
Processing Integration Results

RT: 1.94
Area: 48099
Amount: 68.553427
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 53162
Amount: 40.267927
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:29:43 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

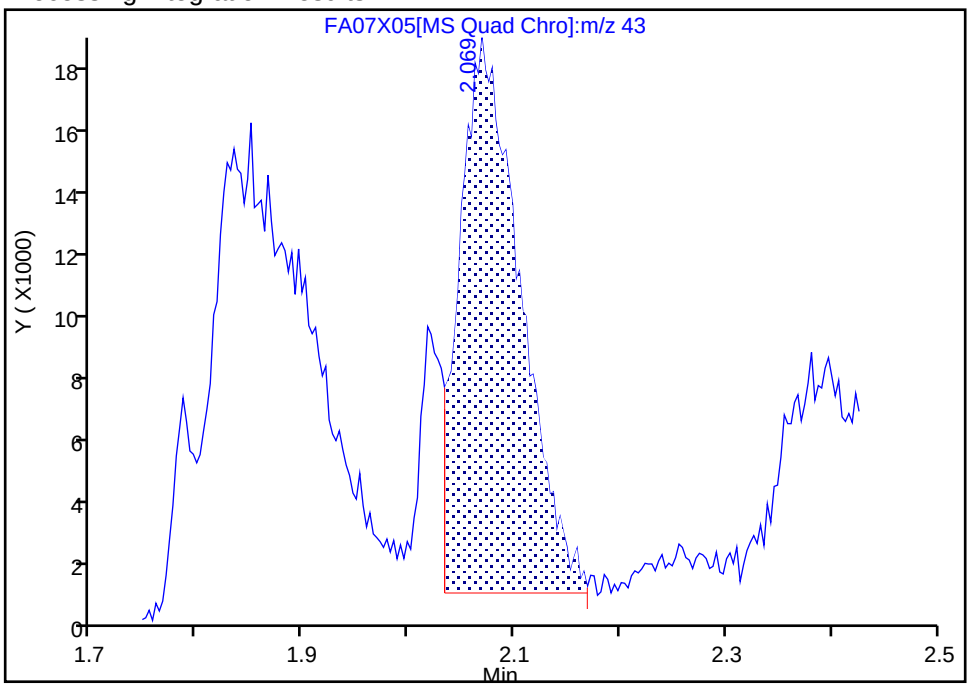
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D
Injection Date: 07-Apr-2025 16:02:38 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Methyl acetate, CAS: 79-20-9

Signal: 1

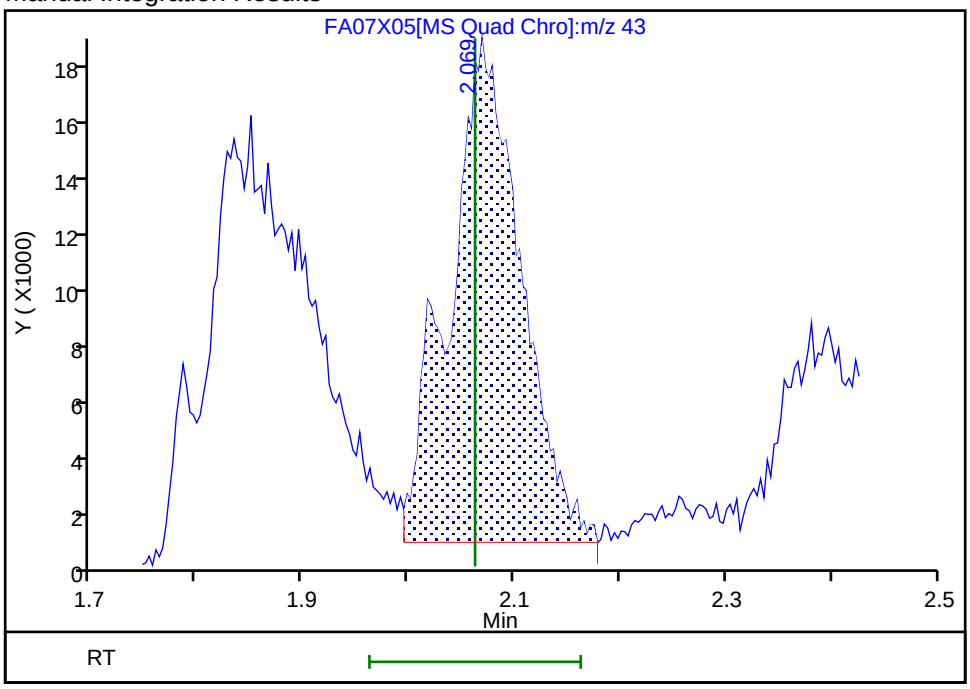
Processing Integration Results

RT: 2.07
Area: 69779
Amount: 8.896311
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 82677
Amount: 8.944225
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:30:01 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

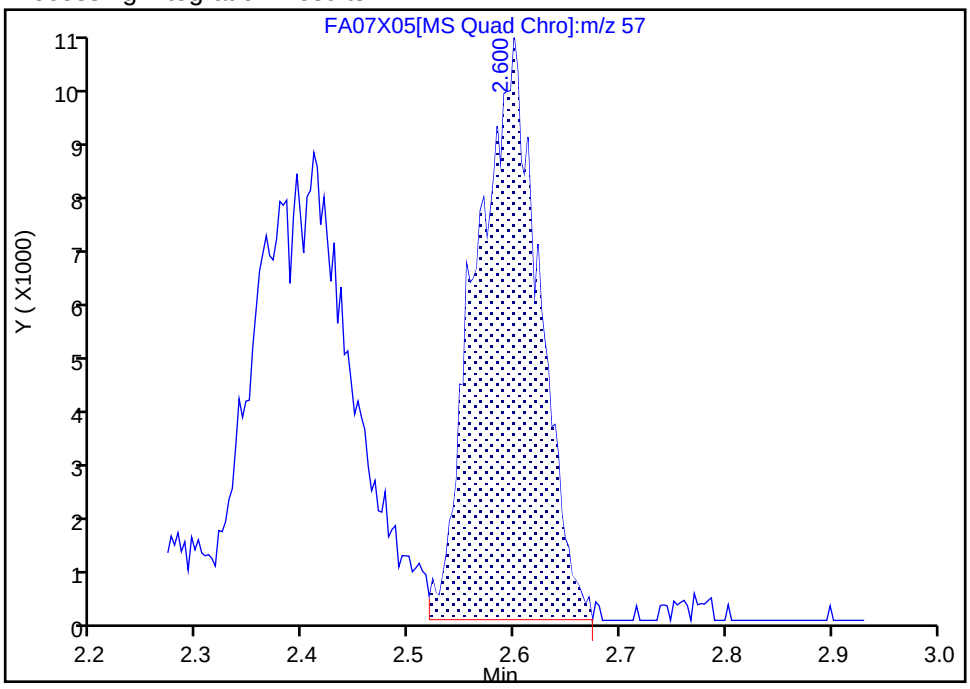
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D				
Injection Date:	07-Apr-2025 16:02:38	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	55	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

26 Hexane, CAS: 110-54-3

Signal: 1

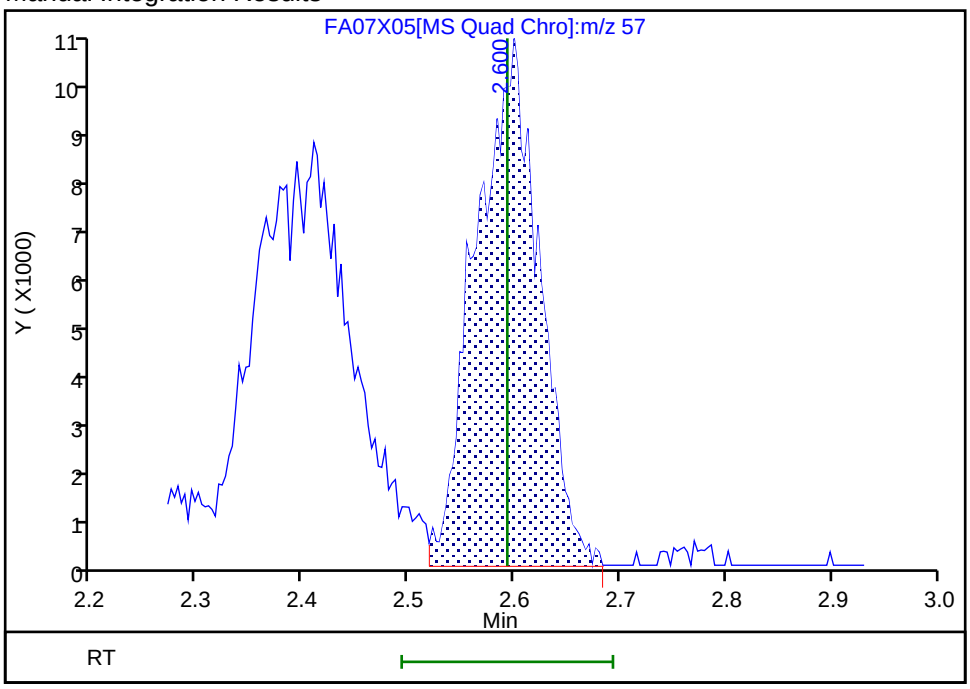
Processing Integration Results

RT: 2.60
Area: 42035
Amount: 5.824104
Amount Units: ug/l



Manual Integration Results

RT: 2.60
Area: 42147
Amount: 5.459641
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:59:06 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

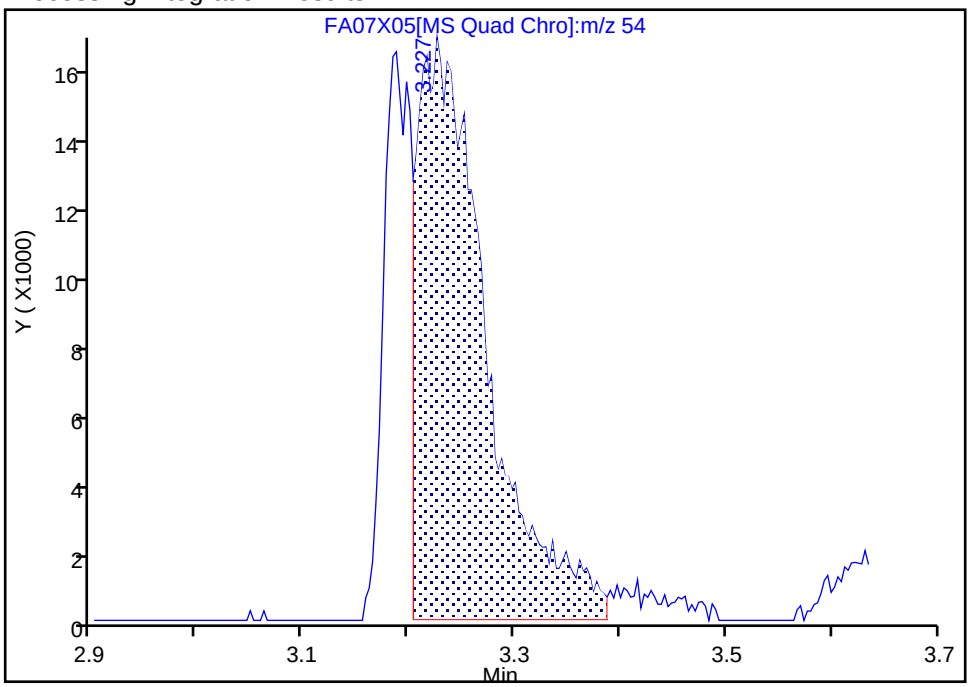
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D
Injection Date: 07-Apr-2025 16:02:38 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

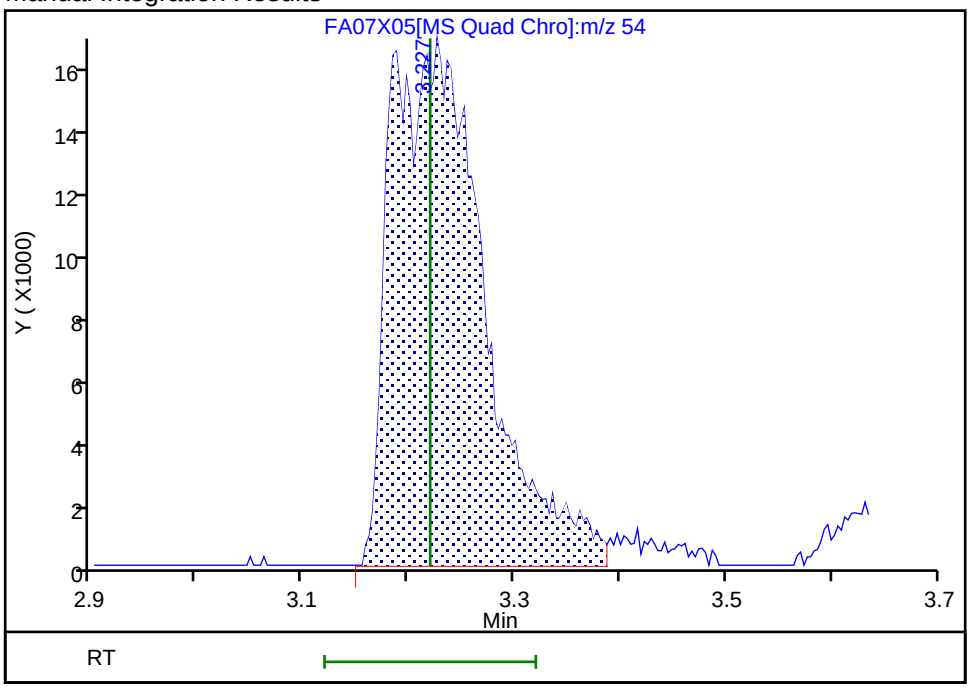
Processing Integration Results

RT: 3.23
Area: 73653
Amount: 37.159752
Amount Units: ug/l



Manual Integration Results

RT: 3.23
Area: 99757
Amount: 40.455406
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:30:27 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

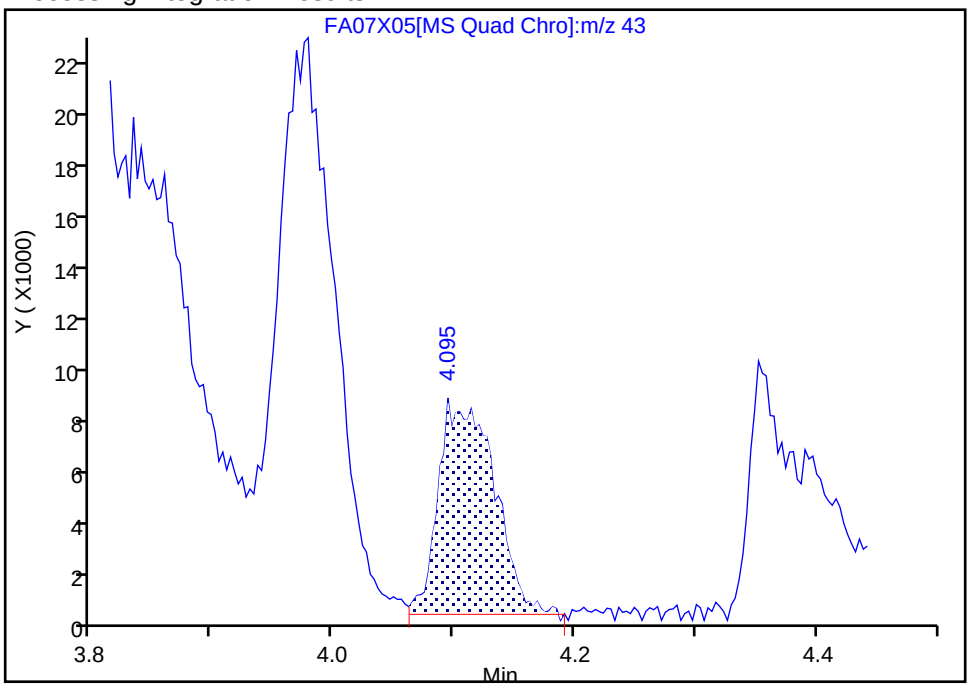
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D				
Injection Date:	07-Apr-2025 16:02:38	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	55	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

51 n-Heptane, CAS: 142-82-5

Signal: 1

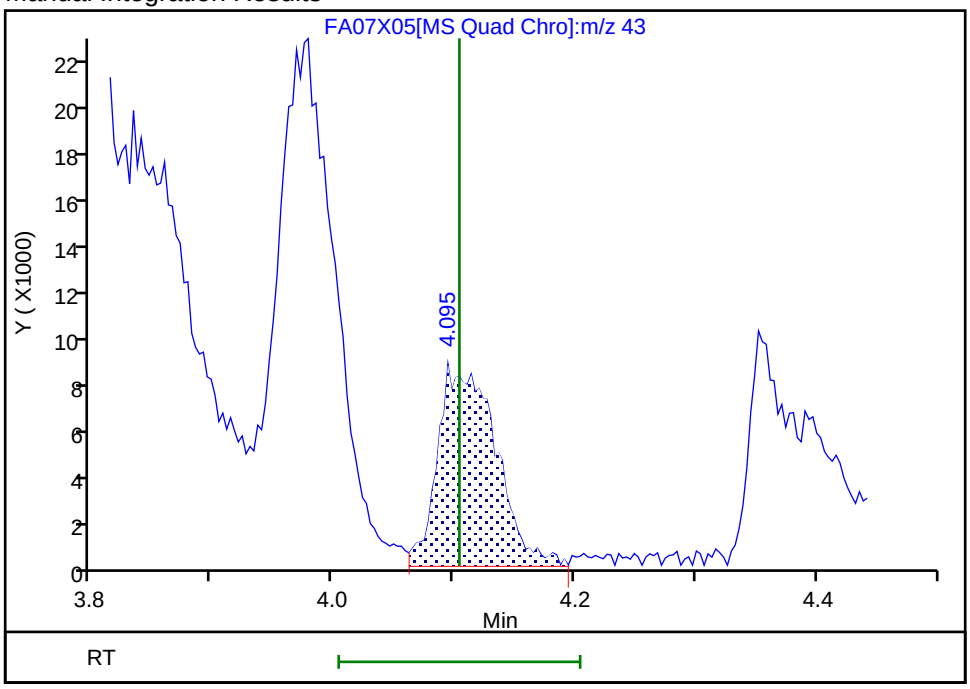
Processing Integration Results

RT: 4.09
Area: 25737
Amount: 4.681415
Amount Units: ug/l



Manual Integration Results

RT: 4.09
Area: 27739
Amount: 4.589976
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:01:52 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

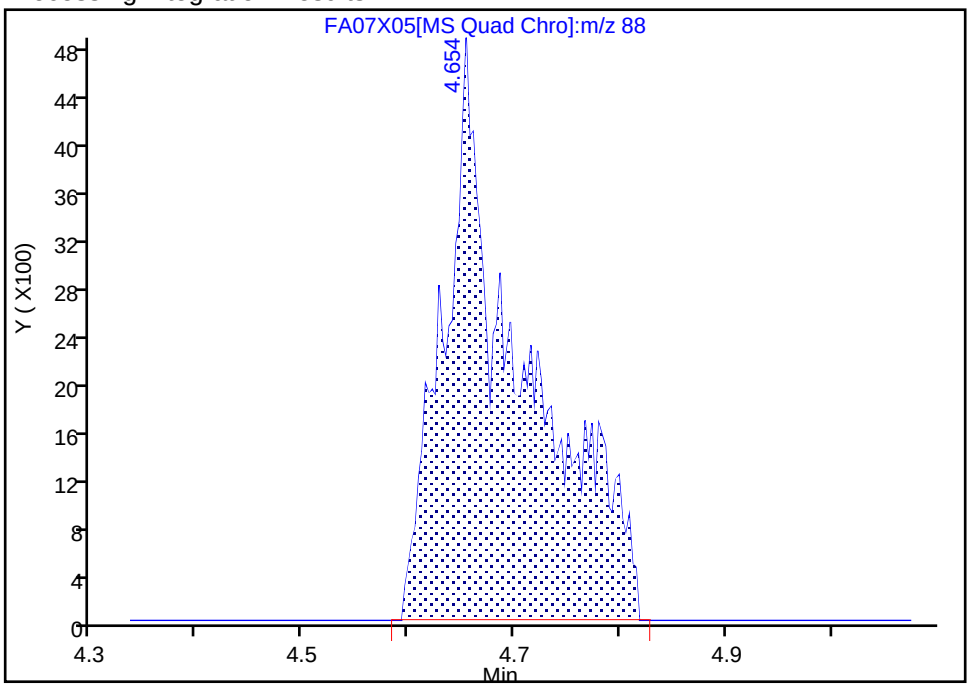
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X05.D
Injection Date: 07-Apr-2025 16:02:38 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: knk41612 ALS Bottle#: 55 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

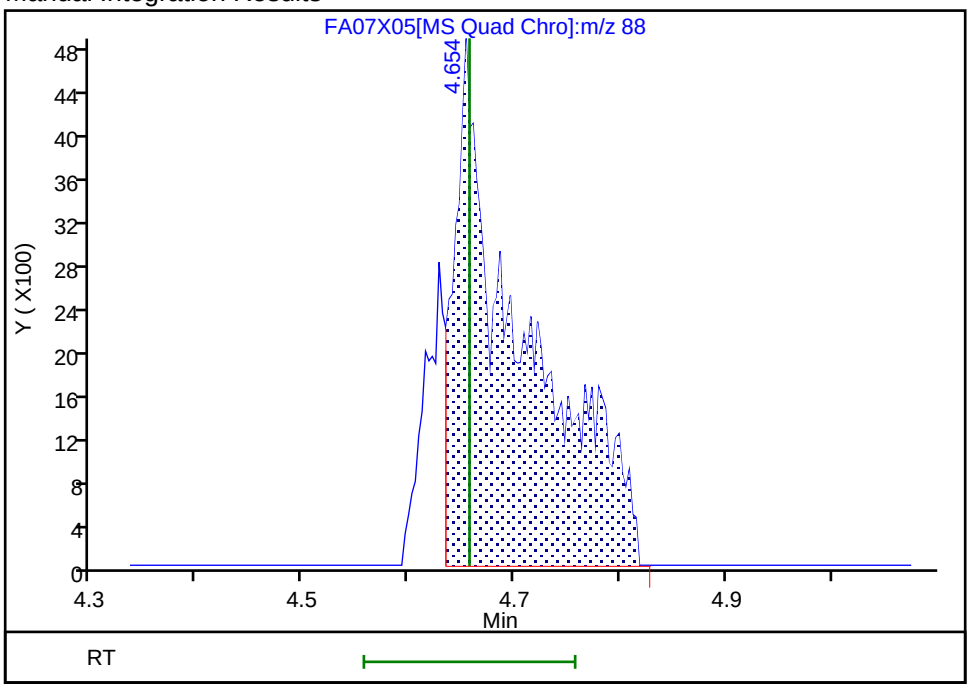
Processing Integration Results

RT: 4.65
Area: 25017
Amount: 139.1946
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 21623
Amount: 125.8477
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:30:50 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D
Lims ID: IC v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 07-Apr-2025 16:22:00 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v20
Misc. Info.: 410-0143206-007
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:45 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 17:20:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.011	0.000	98	208389	20.0	20.2	
2 Chloromethane	50	1.121	1.117	0.004	98	227367	20.0	19.5	M
4 Vinyl chloride	62	1.178	1.175	0.003	98	206187	20.0	20.4	
3 Butadiene	39	1.188	1.182	0.006	93	223631	20.0	18.9	
5 Bromomethane	94	1.362	1.358	0.004	92	144138	20.0	20.1	
6 Chloroethane	64	1.375	1.371	0.004	99	117504	20.0	19.7	
7 Pentane	43	1.516	1.519	-0.003	96	205770	20.0	19.8	
8 Dichlorofluoromethane	67	1.545	1.542	0.003	97	350344	20.0	20.4	
9 Trichlorofluoromethane	101	1.558	1.558	0.000	98	272016	20.0	20.8	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.735	1.728	0.007	89	173824	20.0	19.6	
11 Acrolein	56	1.744	1.741	0.003	100	562914	195.2	223.9	
12 1,1-Dichloroethene	96	1.809	1.809	0.000	97	135175	20.0	21.9	
13 Acetone	58	1.850	1.844	0.006	98	55471	40.0	39.1	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.863	1.863	0.000	92	153053	20.0	21.2	
15 Iodomethane	142	1.934	1.928	0.006	99	273994	20.0	21.5	
16 Isopropyl alcohol	45	1.944	1.944	0.000	36	118624	100.0	97.2	M
17 Carbon disulfide	76	1.969	1.966	0.003	100	437383	20.0	20.4	M
19 Methyl acetate	43	2.069	2.063	0.006	93	203147	20.0	21.0	M
18 3-Chloro-1-propene	41	2.069	2.066	0.003	85	224042	20.0	20.4	
20 Methylene Chloride	84	2.178	2.175	0.003	90	158431	20.0	21.0	
* 21 t-Butyl alcohol-d10 (IS)	65	2.288	2.275	0.013	77	774076	250.0	250.0	
22 2-Methyl-2-propanol	59	2.352	2.336	0.016	59	317373	100.0	103.6	
23 Acrylonitrile	53	2.352	2.352	0.000	99	278513	50.0	52.1	
24 trans-1,2-Dichloroethene	96	2.378	2.374	0.004	99	149716	20.0	21.3	
25 Methyl tert-butyl ether	73	2.391	2.403	-0.012	93	480363	20.0	21.0	
26 Hexane	57	2.590	2.593	-0.003	93	171171	20.0	21.1	
27 1,1-Dichloroethane	63	2.715	2.718	-0.003	96	259786	20.0	21.2	
28 Isopropyl ether	45	2.767	2.767	0.000	94	421381	20.0	20.9	
29 2-Chloro-1,3-butadiene	53	2.770	2.773	-0.003	92	230688	20.0	21.2	
30 Tert-butyl ethyl ether	59	3.050	3.053	-0.003	98	467117	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.137	3.136	0.001	100	268552	40.0	40.8	
32 cis-1,2-Dichloroethene	96	3.172	3.169	0.003	83	170544	20.0	21.0	
33 2,2-Dichloropropane	77	3.185	3.191	-0.006	88	243468	20.0	21.1	
34 Propionitrile	54	3.217	3.220	-0.003	98	242169	100.0	106.2	
35 Methacrylonitrile	67	3.307	3.336	-0.029	86	223791	50.0	50.6	M
37 Tetrahydrofuran	71	3.336	3.336	0.000	89	218375	100.0	106.9	
36 Chlorobromomethane	128	3.352	3.352	0.000	92	81906	20.0	21.1	
39 Chloroform	83	3.448	3.448	0.000	93	254535	20.0	20.9	
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	93	360337	50.0	51.2	
41 1,1,1-Trichloroethane	97	3.577	3.574	0.003	97	233723	20.0	21.1	
42 Cyclohexane	56	3.625	3.625	0.000	91	260299	20.0	20.7	
43 1,1-Dichloropropene	75	3.696	3.690	0.006	96	189672	20.0	20.9	
44 Carbon tetrachloride	117	3.696	3.696	0.000	87	184457	20.0	20.8	
45 Isobutyl alcohol	41	3.812	3.808	0.004	96	187551	250.0	250.2	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.834	3.831	0.003	92	84606	50.0	50.2	
47 Benzene	78	3.847	3.847	0.000	96	542583	20.0	20.8	
48 1,2-Dichloroethane	62	3.902	3.902	0.000	97	175283	20.0	20.0	
49 Tert-amyl methyl ether	73	3.982	3.979	0.003	98	449459	20.0	20.8	
* 50 Fluorobenzene (IS)	96	4.079	4.098	-0.019	99	1250579	50.0	50.0	
51 n-Heptane	43	4.098	4.104	-0.006	75	124362	20.0	19.6	
52 n-Butanol	56	4.352	4.355	-0.003	88	162300	250.0	257.1	
53 Trichloroethene	95	4.378	4.394	-0.016	99	130623	20.0	20.1	
54 Methylcyclohexane	83	4.583	4.583	0.000	91	257172	20.0	20.8	
55 1,2-Dichloropropane	63	4.593	4.596	-0.003	95	118489	20.0	19.8	
56 2-ethoxy-2-methyl butane	87	4.628	4.625	0.003	95	227400	20.0	20.8	
57 1,4-Dioxane	88	4.651	4.657	-0.006	37	38670	250.0	243.4	M
58 Methyl methacrylate	69	4.670	4.670	0.000	90	109149	20.0	20.1	
59 Dibromomethane	93	4.664	4.673	-0.009	97	82536	20.0	20.2	
60 Dichlorobromomethane	83	4.825	4.831	-0.006	99	140488	20.0	19.9	
61 2-Nitropropane	41	5.011	5.011	0.000	98	250369	100.0	91.2	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	91	74130	20.0	19.4	
63 cis-1,3-Dichloropropene	75	5.194	5.197	-0.003	95	163464	20.0	19.9	
64 4-Methyl-2-pentanone (MIBK)	43	5.339	5.339	0.000	96	531092	40.0	46.6	
$ 65 Toluene-d8 (Surr)	98	5.416	5.416	0.000	93	1108234	50.0	49.7	
66 Toluene	92	5.471	5.474	-0.003	98	291720	20.0	20.2	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	93	144535	20.0	20.1	
68 Ethyl methacrylate	69	5.741	5.741	0.000	88	182284	20.0	20.5	
69 1,1,2-Trichloroethane	97	5.825	5.824	0.001	91	99512	20.0	20.7	
70 Tetrachloroethene	166	5.873	5.873	0.000	95	122719	20.0	20.2	
71 1,3-Dichloropropane	76	5.937	5.937	0.000	91	165388	20.0	20.6	
72 2-Hexanone	43	5.998	5.995	0.003	96	401747	40.0	48.0	
73 Chlorodibromomethane	129	6.088	6.091	-0.003	91	93399	20.0	19.6	
S 74 1,2-Dichloroethene, Total	100				0			42.3	
75 Ethylene Dibromide	107	6.159	6.159	0.000	99	108473	20.0	20.6	
* 76 Chlorobenzene-d5 (IS)	117	6.480	6.480	0.000	85	839796	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	95	317792	20.0	20.4	
78 1-Chlorohexane	91	6.506	6.506	0.000	96	162948	20.0	21.1	
79 1,1,1,2-Tetrachloroethane	131	6.567	6.567	0.000	94	126374	20.0	20.8	
80 Ethylbenzene	91	6.570	6.570	0.000	98	611794	20.0	21.0	
81 m-Xylene & p-Xylene	106	6.657	6.657	0.000	99	477934	40.0	42.1	
82 o-Xylene	106	6.895	6.895	0.000	96	253816	20.0	21.0	
83 Styrene	104	6.908	6.908	0.000	95	373815	20.0	21.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.008	7.008	0.000	95	67809	20.0	20.1	
85 Isopropylbenzene	105	7.117	7.120	-0.003	96	614498	20.0	21.3	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	88	464156	50.0	51.4	
87 Bromobenzene	156	7.291	7.291	0.000	94	141060	20.0	20.8	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	94	208401	20.0	20.8	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	88	154715	50.0	51.6	
90 1,2,3-Trichloropropane	110	7.333	7.332	0.000	86	69719	20.0	21.0	
91 N-Propylbenzene	91	7.358	7.361	-0.003	99	753403	20.0	21.4	
92 2-Chlorotoluene	126	7.403	7.406	-0.003	96	151238	20.0	20.4	
93 1,3,5-Trimethylbenzene	105	7.464	7.464	0.000	95	557593	20.0	21.0	
94 4-Chlorotoluene	126	7.474	7.474	0.000	99	147881	20.0	21.1	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	108188	20.0	20.3	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	97	562458	20.0	21.1	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	673583	20.0	21.4	
98 1,3-Dichlorobenzene	146	7.818	7.818	0.000	98	275899	20.0	20.7	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	97	585172	20.0	21.2	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	95	515828	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	95	277372	20.0	20.7	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	99	590240	20.0	21.2	
103 Benzyl chloride	91	7.937	7.937	0.000	98	391407	20.0	19.9	
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	95	329682	20.0	20.7	
105 p-Diethylbenzene	119	8.046	8.046	0.000	93	348821	20.0	20.9	
106 n-Butylbenzene	92	8.059	8.059	0.000	97	273710	20.0	20.7	
107 1,2-Dichlorobenzene	146	8.062	8.066	-0.004	98	284509	20.0	20.8	
108 o-diethylbenzene	119	8.098	8.098	0.000	95	277230	20.0	20.5	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	84	74275	20.0	20.6	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	193101	20.0	20.0	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	95	197167	20.0	20.4	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	98	64046	20.0	19.7	
113 Naphthalene	128	9.014	9.014	0.000	97	894383	20.0	21.7	
114 1,2,3-Trichlorobenzene	180	9.123	9.123	0.000	96	198104	20.0	20.5	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	93	418959	20.0	19.6	
S 139 1,3-Dichloropropene, Total	100				0			40.0	
S 140 Xylenes, Total	106				0			63.1	
S 141 Total Diethylbenzene	1				0			62.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00230	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01005	Amount Added:	2.00	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:46 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D

Injection Date: 07-Apr-2025 16:22:00 Instrument ID: 15830 Operator ID: knk41612

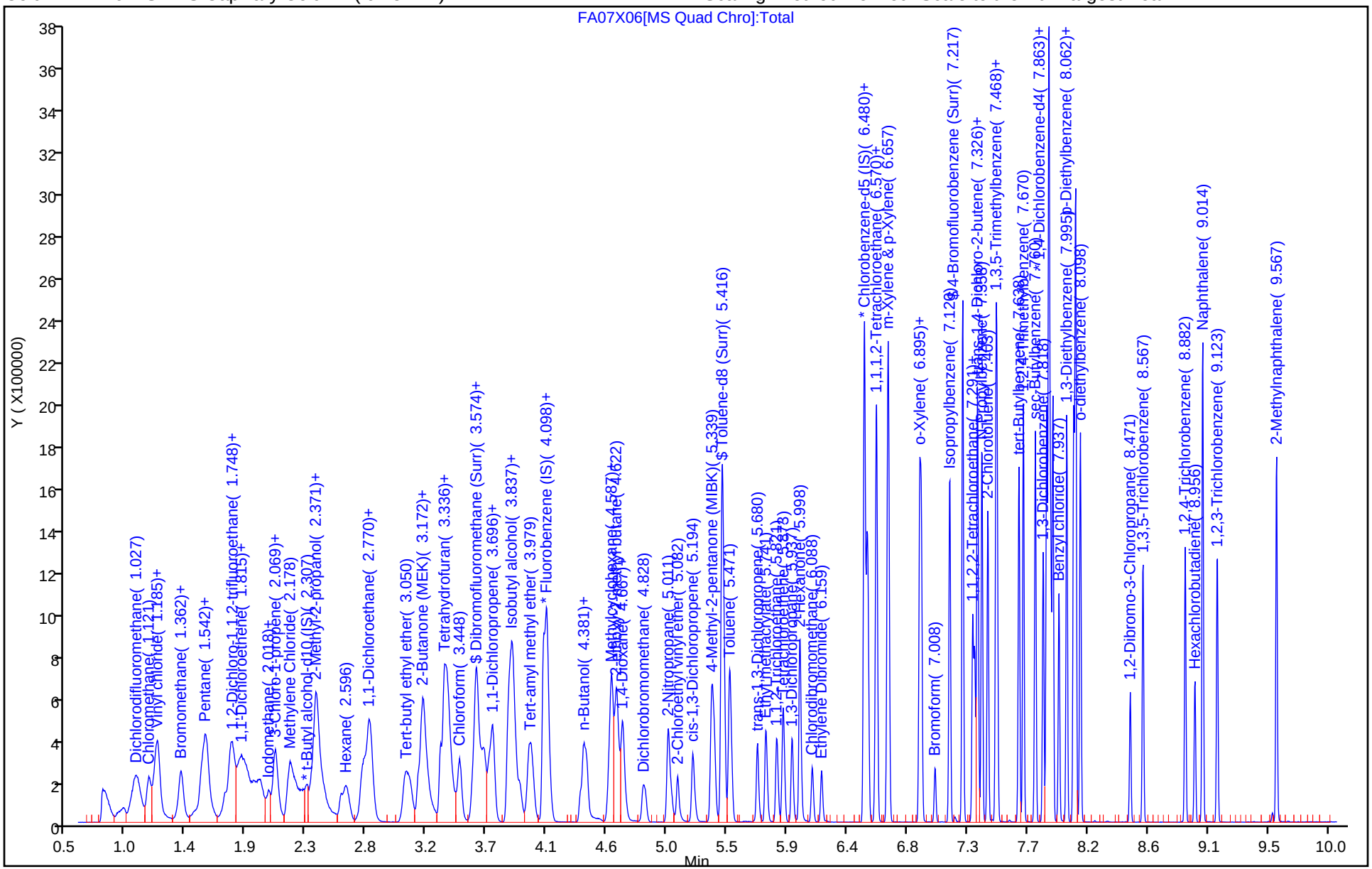
Lims ID: IC v20 Worklist Smp#: 7

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 56

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

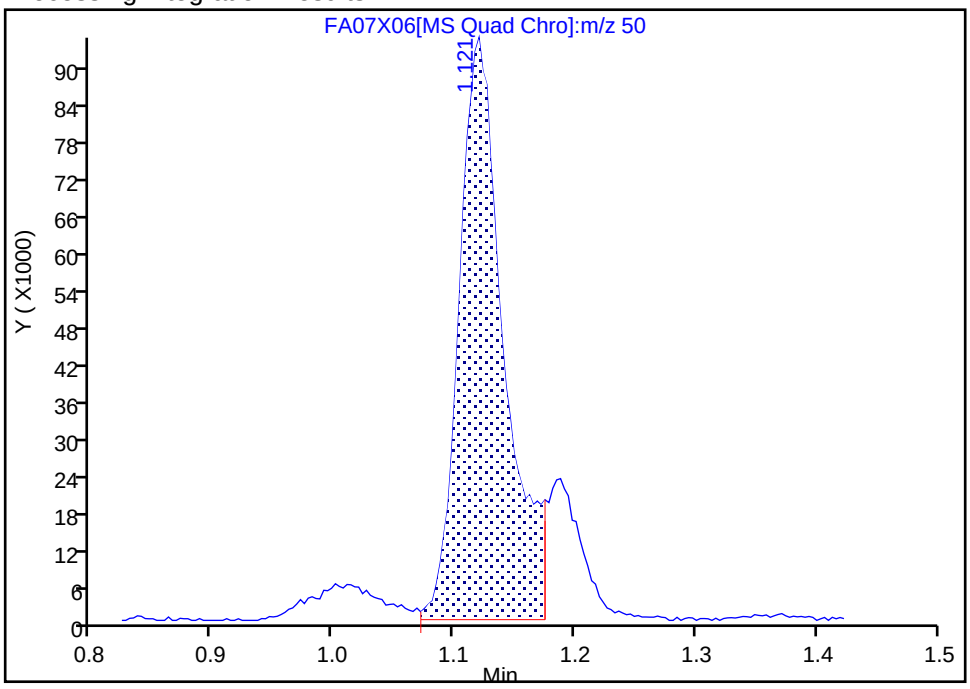
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D				
Injection Date:	07-Apr-2025 16:22:00	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	56	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

2 Chloromethane, CAS: 74-87-3

Signal: 1

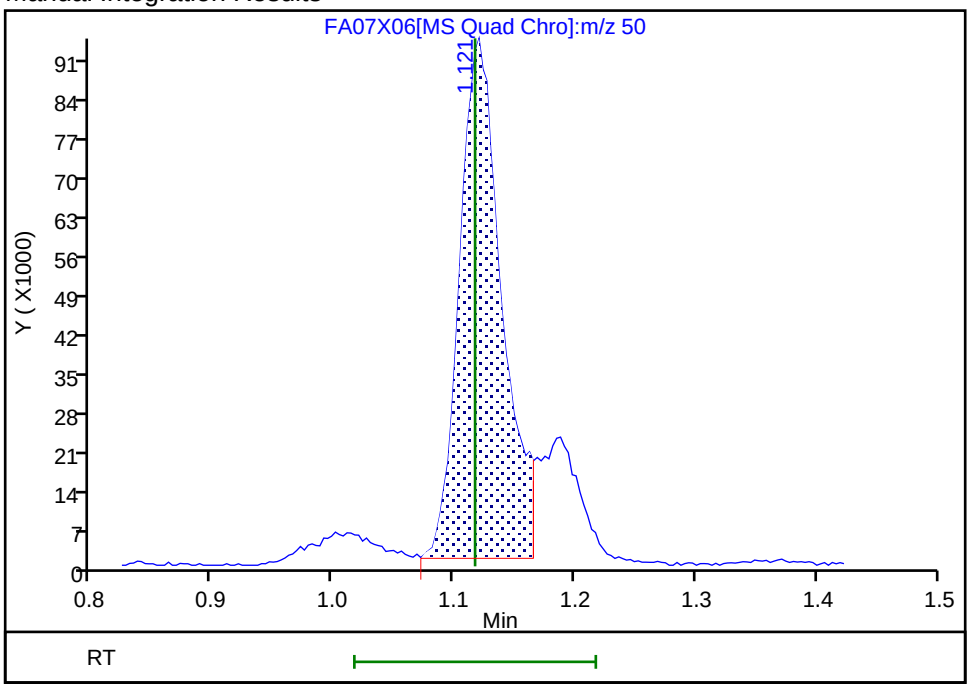
Processing Integration Results

RT: 1.12
Area: 246030
Amount: 17.190815
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 227367
Amount: 19.531527
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:22:58 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

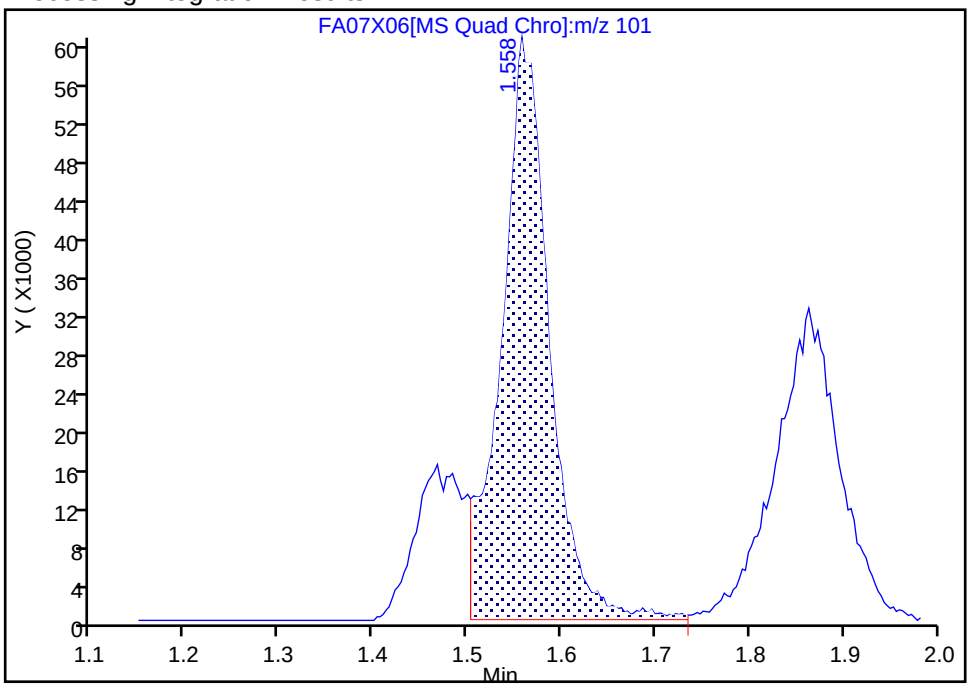
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D
Injection Date: 07-Apr-2025 16:22:00 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

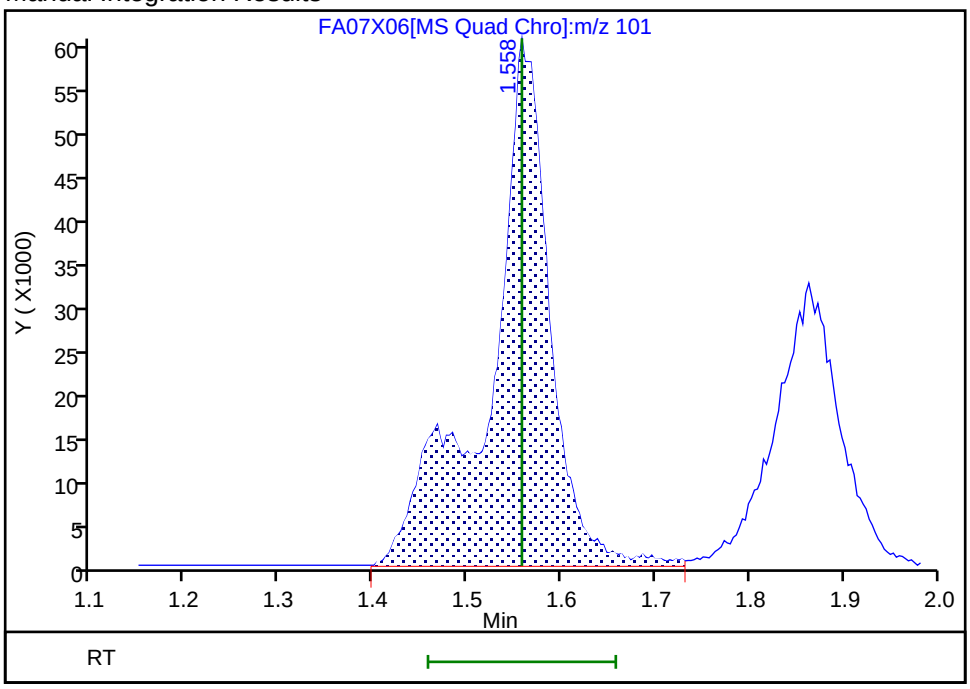
Processing Integration Results

RT: 1.56
Area: 216079
Amount: 18.950793
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 272016
Amount: 20.779631
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:23:21 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

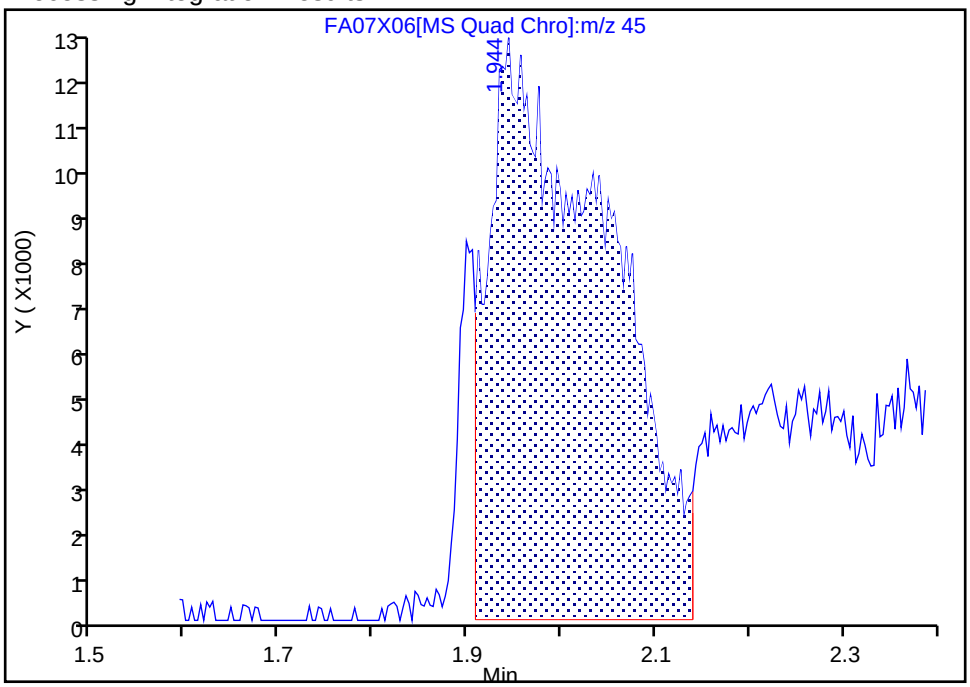
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D				
Injection Date:	07-Apr-2025 16:22:00	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	56	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

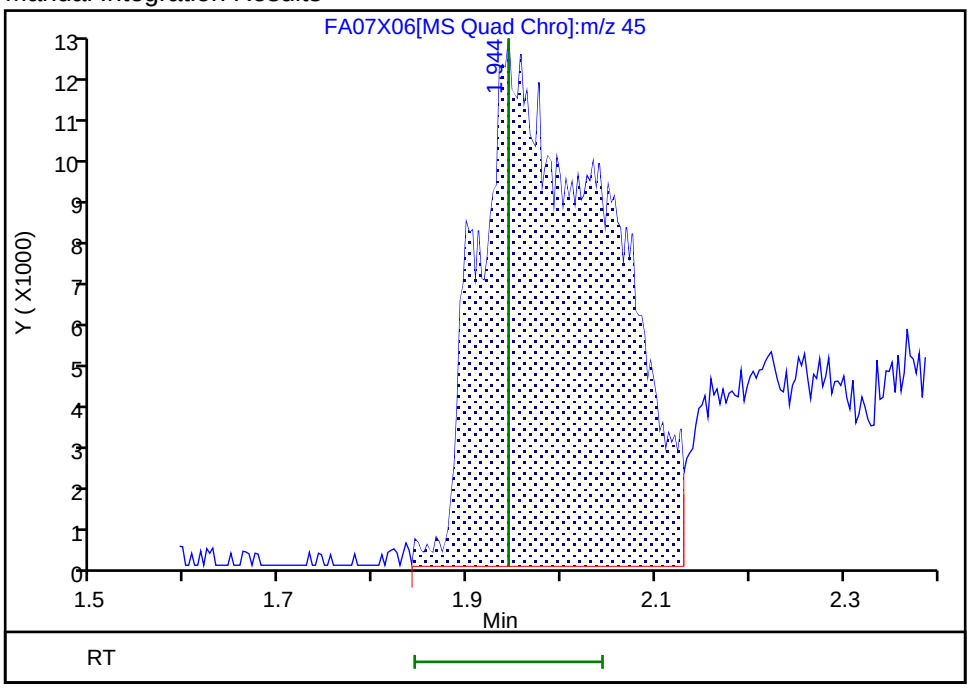
Processing Integration Results

RT: 1.94
Area: 110334
Amount: 173.7476
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 118624
Amount: 97.162536
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:24:08 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

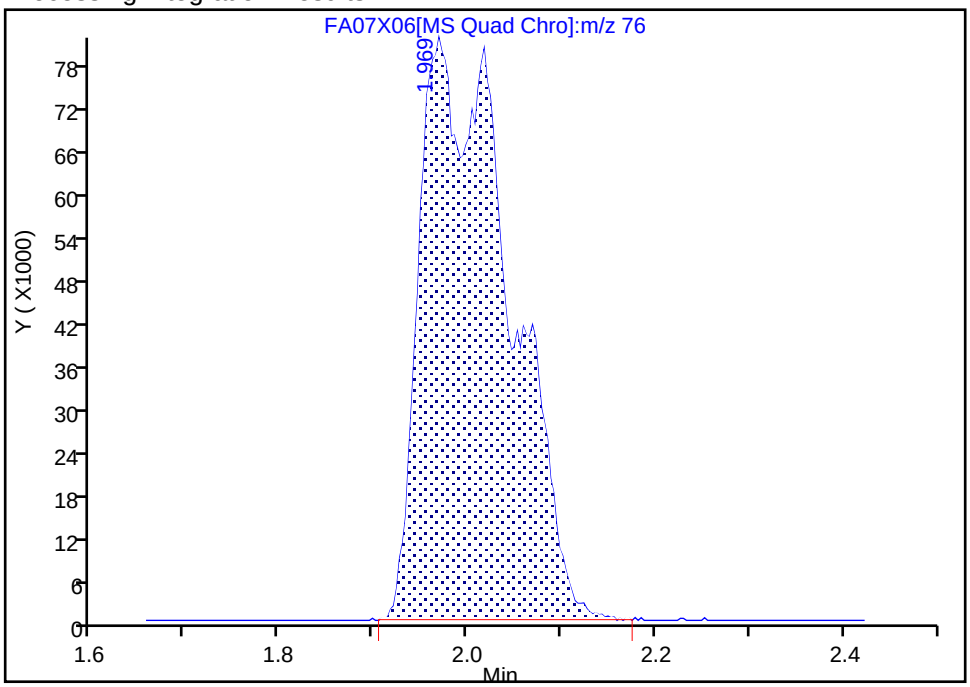
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D				
Injection Date:	07-Apr-2025 16:22:00	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	56	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

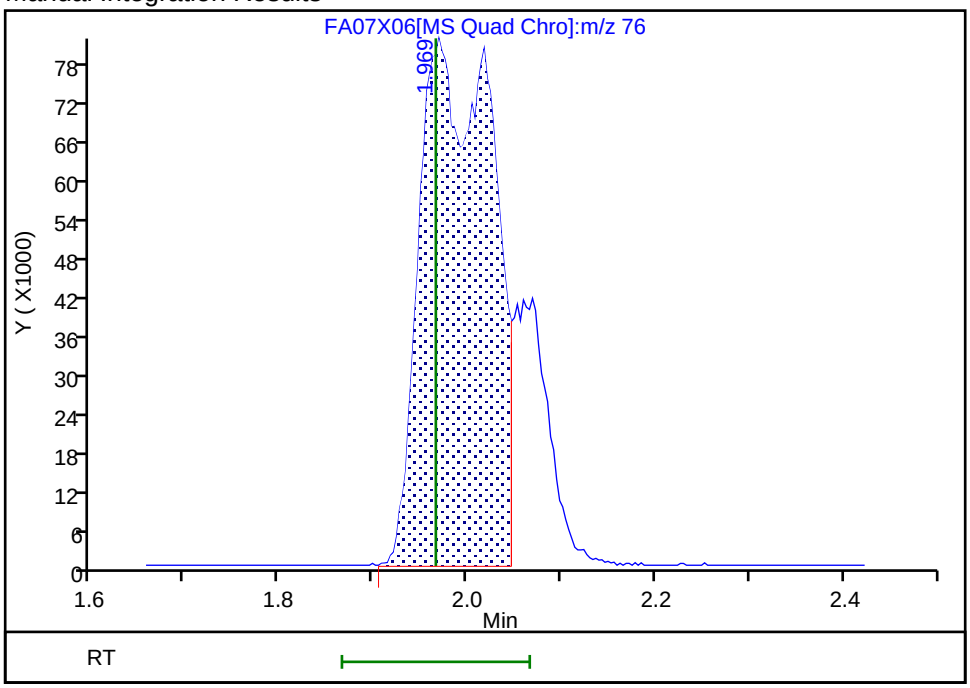
Processing Integration Results

RT: 1.97
Area: 541590
Amount: 30.841598
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 437383
Amount: 20.441982
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:24:21 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

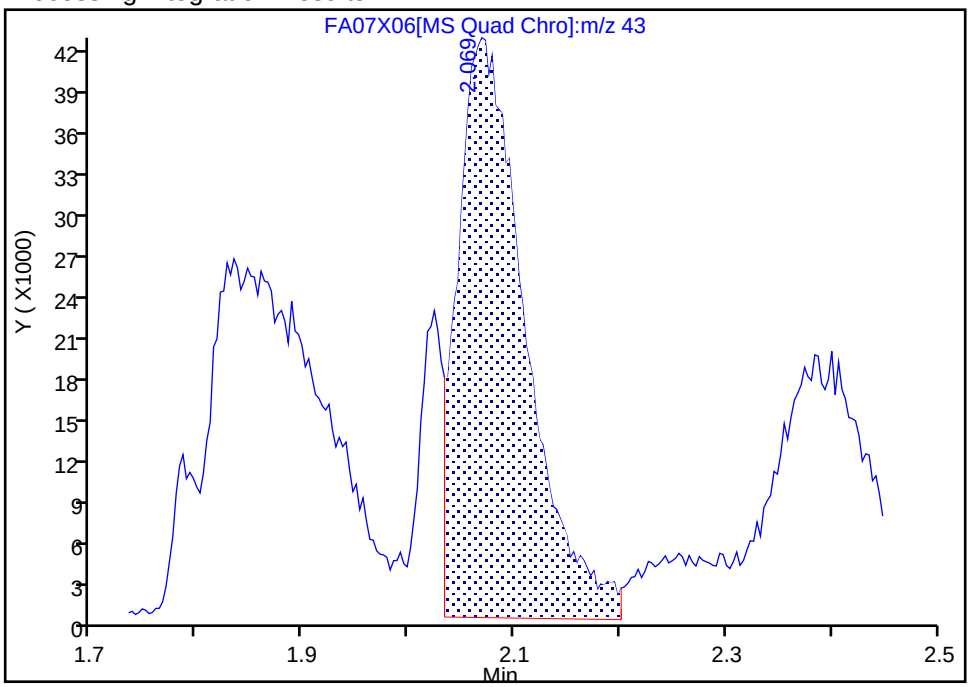
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D
Injection Date: 07-Apr-2025 16:22:00 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: knk41612 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Methyl acetate, CAS: 79-20-9

Signal: 1

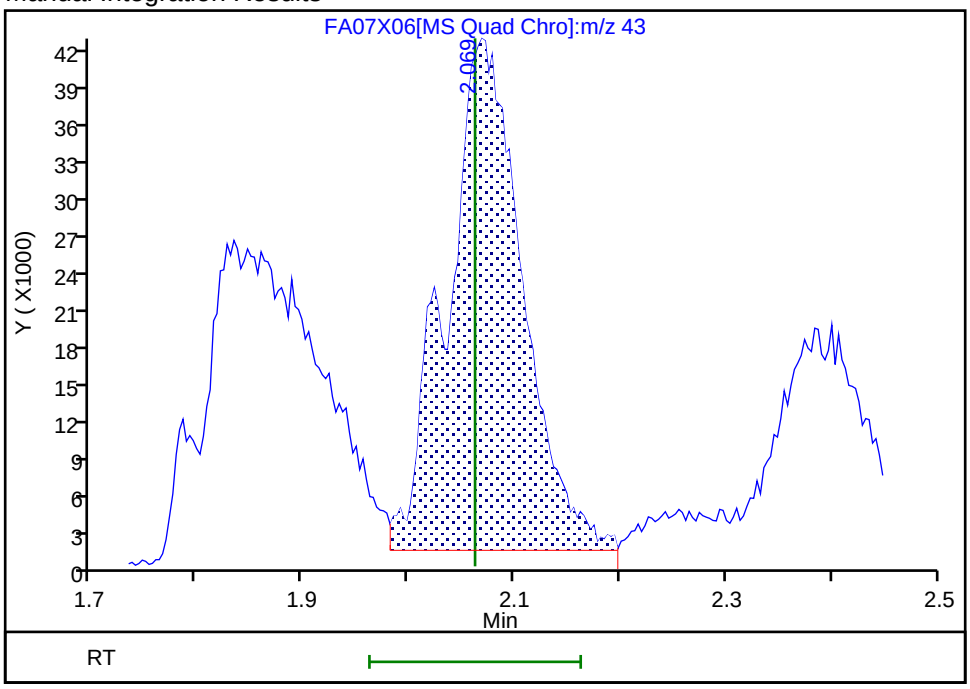
Processing Integration Results

RT: 2.07
Area: 189532
Amount: 23.371028
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 203147
Amount: 20.962572
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:24:36 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

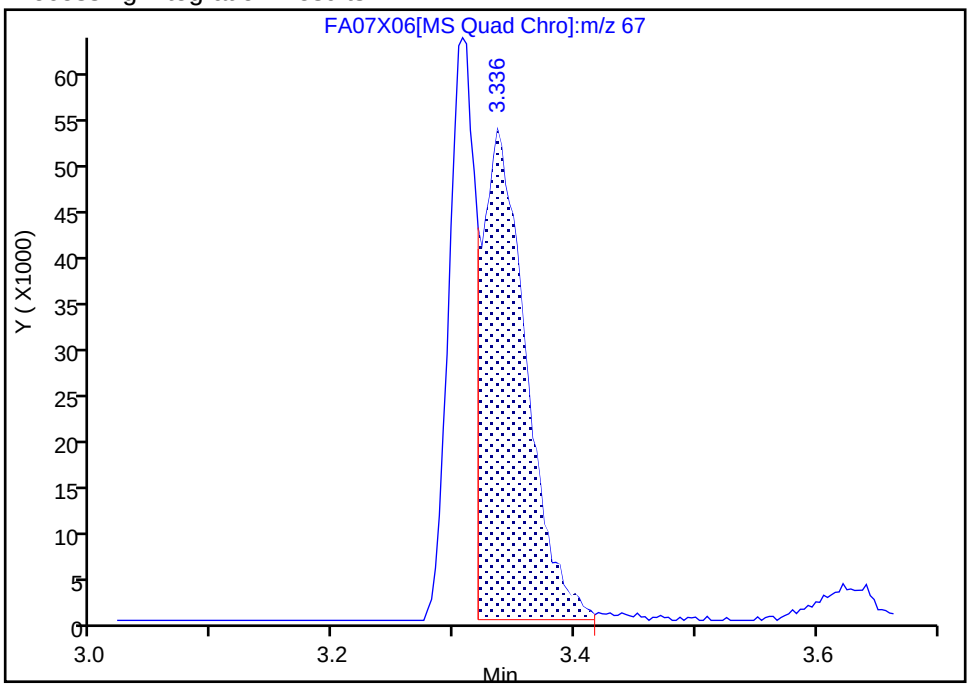
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D				
Injection Date:	07-Apr-2025 16:22:00	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	56	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

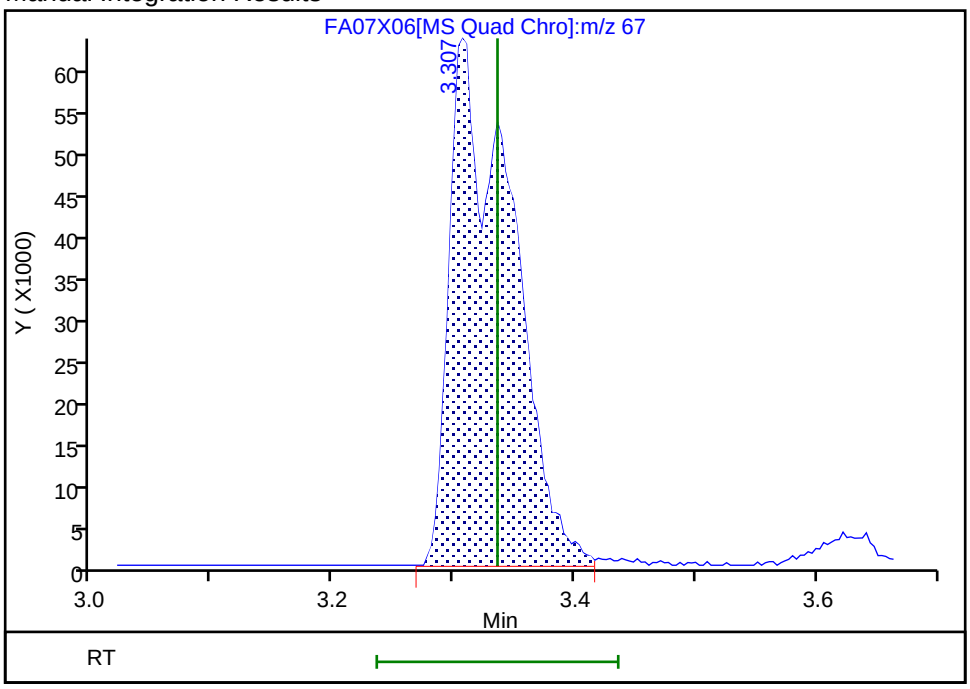
Processing Integration Results

RT: 3.34
Area: 136099
Amount: 33.955669
Amount Units: ug/l



Manual Integration Results

RT: 3.31
Area: 223791
Amount: 50.621634
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:25:03 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

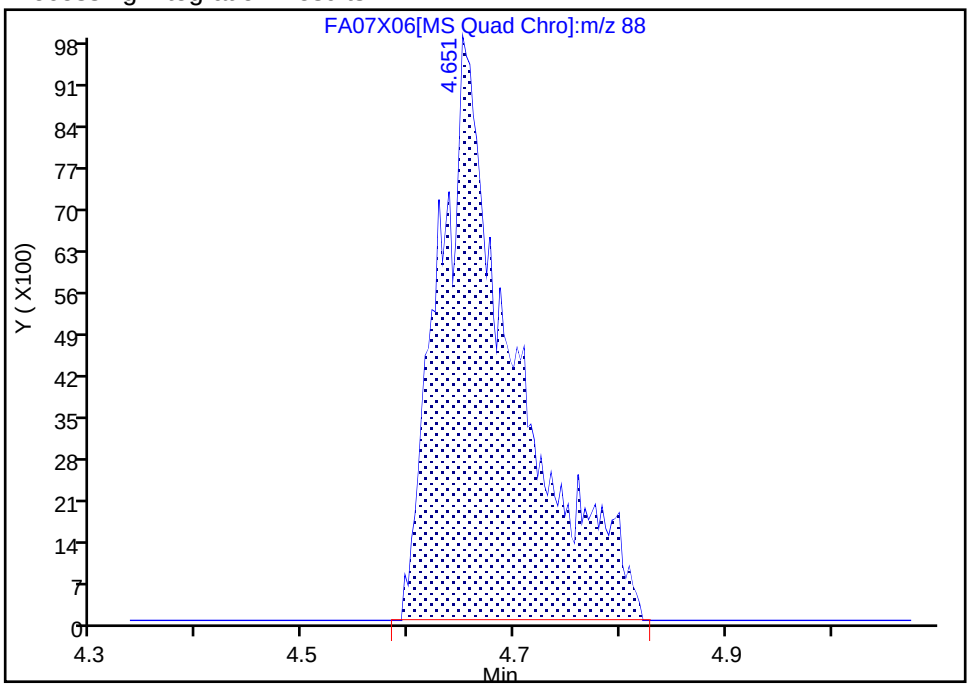
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X06.D				
Injection Date:	07-Apr-2025 16:22:00	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	56	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

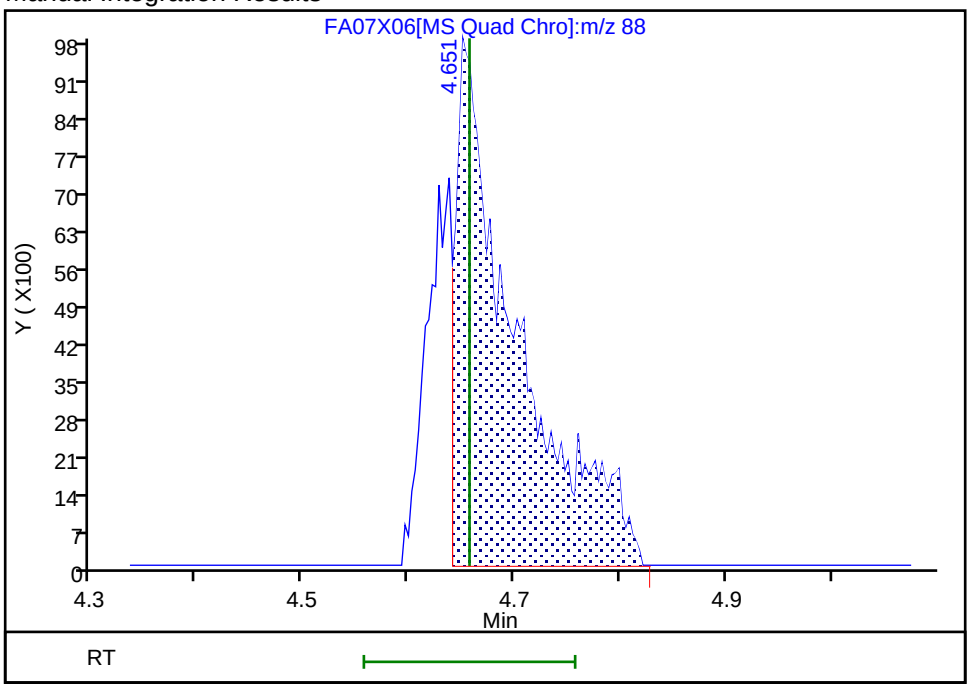
Processing Integration Results

RT: 4.65
Area: 49718
Amount: 286.4427
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 38670
Amount: 243.3726
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:25:28 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Lims ID: ICIS v50
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 07-Apr-2025 16:41:12 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v50
Misc. Info.: 410-0143206-008
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:49 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 17:18:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.011	0.000	99	556574	50.0	52.3	
2 Chloromethane	50	1.117	1.117	0.000	99	599298	50.0	50.0	M
4 Vinyl chloride	62	1.175	1.175	0.000	98	539164	50.0	51.7	
3 Butadiene	39	1.182	1.182	0.000	94	578544	50.0	47.4	
5 Bromomethane	94	1.358	1.358	0.000	92	371615	50.0	50.4	
6 Chloroethane	64	1.371	1.371	0.000	100	307378	50.0	50.1	
7 Pentane	43	1.519	1.519	0.000	95	490667	50.0	45.8	
8 Dichlorofluoromethane	67	1.542	1.542	0.000	97	903834	50.0	51.0	
9 Trichlorofluoromethane	101	1.558	1.558	0.000	98	700694	50.0	52.0	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.728	1.728	0.000	64	462726	50.0	50.6	
11 Acrolein	56	1.741	1.741	0.000	99	1402802	487.9	503.9	
12 1,1-Dichloroethene	96	1.809	1.809	0.000	97	319170	50.0	50.2	
13 Acetone	58	1.844	1.844	0.000	100	150329	100.0	95.7	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.863	1.863	0.000	92	370345	50.0	49.9	
15 Iodomethane	142	1.928	1.928	0.000	99	655751	50.0	50.0	
16 Isopropyl alcohol	45	1.944	1.944	0.000	99	306362	250.0	226.6	M
17 Carbon disulfide	76	1.966	1.966	0.000	99	1088572	50.0	49.4	M
19 Methyl acetate	43	2.063	2.063	0.000	95	485671	50.0	48.7	M
18 3-Chloro-1-propene	41	2.066	2.066	0.000	89	553824	50.0	49.0	
20 Methylene Chloride	84	2.175	2.175	0.000	91	378595	50.0	48.7	
* 21 t-Butyl alcohol-d10 (IS)	65	2.275	2.275	0.000	86	857202	250.0	250.0	
22 2-Methyl-2-propanol	59	2.336	2.336	0.000	74	831591	250.0	245.2	
23 Acrylonitrile	53	2.352	2.352	0.000	99	678125	125.0	123.3	
24 trans-1,2-Dichloroethene	96	2.374	2.374	0.000	99	362925	50.0	50.1	
25 Methyl tert-butyl ether	73	2.403	2.403	0.000	93	1154019	50.0	48.9	
26 Hexane	57	2.593	2.593	0.000	92	430864	50.0	51.7	
27 1,1-Dichloroethane	63	2.718	2.718	0.000	96	625623	50.0	49.6	
28 Isopropyl ether	45	2.767	2.767	0.000	92	1027082	50.0	49.5	
29 2-Chloro-1,3-butadiene	53	2.773	2.773	0.000	93	563023	50.0	50.2	
30 Tert-butyl ethyl ether	59	3.053	3.053	0.000	98	1142345	50.0	49.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.136	3.136	0.000	99	699529	100.0	103.1	
32 cis-1,2-Dichloroethene	96	3.169	3.169	0.000	81	409425	50.0	49.0	
33 2,2-Dichloropropane	77	3.191	3.191	0.000	89	595407	50.0	50.2	
34 Propionitrile	54	3.220	3.220	0.000	98	608257	250.0	240.9	M
35 Methacrylonitrile	67	3.336	3.336	0.000	96	560057	125.0	123.0	M
37 Tetrahydrofuran	71	3.336	3.336	0.000	79	535547	250.0	236.7	
36 Chlorobromomethane	128	3.352	3.352	0.000	93	198043	50.0	49.6	
39 Chloroform	83	3.448	3.448	0.000	94	625909	50.0	49.9	
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	93	361042	50.0	49.8	
41 1,1,1-Trichloroethane	97	3.574	3.574	0.000	93	574335	50.0	50.3	
42 Cyclohexane	56	3.625	3.625	0.000	89	642443	50.0	49.5	
43 1,1-Dichloropropene	75	3.690	3.690	0.000	95	476109	50.0	50.9	
44 Carbon tetrachloride	117	3.696	3.696	0.000	82	466149	50.0	51.0	
45 Isobutyl alcohol	41	3.808	3.808	0.000	93	492250	625.0	593.1	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.831	3.831	0.000	97	90085	50.0	51.9	
47 Benzene	78	3.847	3.847	0.000	97	1349347	50.0	50.3	
48 1,2-Dichloroethane	62	3.902	3.902	0.000	97	441726	50.0	48.8	
49 Tert-amyl methyl ether	73	3.979	3.979	0.000	98	1101719	50.0	49.4	
* 50 Fluorobenzene (IS)	96	4.098	4.098	0.000	99	1288050	50.0	50.0	
51 n-Heptane	43	4.104	4.104	0.000	90	316215	50.0	48.5	
52 n-Butanol	56	4.355	4.355	0.000	90	439153	625.0	628.3	
53 Trichloroethene	95	4.394	4.394	0.000	98	335880	50.0	50.2	
54 Methylcyclohexane	83	4.583	4.583	0.000	91	656747	50.0	51.5	
55 1,2-Dichloropropane	63	4.596	4.596	0.000	96	304424	50.0	49.4	
56 2-ethoxy-2-methyl butane	87	4.625	4.625	0.000	94	568194	50.0	50.5	
57 1,4-Dioxane	88	4.657	4.657	0.000	86	112760	625.0	640.8	M
58 Methyl methacrylate	69	4.670	4.670	0.000	90	271944	50.0	48.6	
59 Dibromomethane	93	4.673	4.673	0.000	96	206404	50.0	48.9	
60 Dichlorobromomethane	83	4.831	4.831	0.000	99	368383	50.0	50.7	
61 2-Nitropropane	41	5.011	5.011	0.000	99	699719	250.0	225.1	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	91	203709	50.0	51.8	
63 cis-1,3-Dichloropropene	75	5.197	5.197	0.000	95	428681	50.0	50.6	
64 4-Methyl-2-pentanone (MIBK)	43	5.339	5.339	0.000	96	1319150	100.0	112.3	
$ 65 Toluene-d8 (Surr)	98	5.416	5.416	0.000	93	1163149	50.0	51.0	
66 Toluene	92	5.474	5.474	0.000	98	743967	50.0	50.3	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	94	375871	50.0	51.1	
68 Ethyl methacrylate	69	5.741	5.741	0.000	88	458166	50.0	50.3	
69 1,1,2-Trichloroethane	97	5.824	5.824	0.000	91	245439	50.0	50.0	
70 Tetrachloroethene	166	5.873	5.873	0.000	96	316138	50.0	51.0	
71 1,3-Dichloropropane	76	5.937	5.937	0.000	92	409128	50.0	49.9	
72 2-Hexanone	43	5.995	5.995	0.000	96	995089	100.0	116.4	
73 Chlorodibromomethane	129	6.091	6.091	0.000	90	249659	50.0	51.2	
75 Ethylene Dibromide	107	6.159	6.159	0.000	99	270762	50.0	50.2	
* 76 Chlorobenzene-d5 (IS)	117	6.480	6.480	0.000	84	858367	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	95	804764	50.0	50.5	
78 1-Chlorohexane	91	6.506	6.506	0.000	96	402532	50.0	51.0	
79 1,1,1,2-Tetrachloroethane	131	6.567	6.567	0.000	95	327535	50.0	52.7	
80 Ethylbenzene	91	6.570	6.570	0.000	98	1524782	50.0	51.3	
81 m-Xylene & p-Xylene	106	6.657	6.657	0.000	99	1183570	100.0	101.9	
82 o-Xylene	106	6.895	6.895	0.000	97	626038	50.0	50.7	
83 Styrene	104	6.908	6.908	0.000	95	923513	50.0	51.1	
84 Bromoform	173	7.008	7.008	0.000	95	182027	50.0	52.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.120	7.120	0.000	96	1560353	50.0	52.9	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	92	468453	50.0	50.8	
87 Bromobenzene	156	7.291	7.291	0.000	94	339560	50.0	49.6	a
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	95	502722	50.0	49.8	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	94	387808	125.0	128.4	
90 1,2,3-Trichloropropane	110	7.332	7.332	0.000	86	161752	50.0	48.3	
91 N-Propylbenzene	91	7.361	7.361	0.000	99	1894985	50.0	53.4	
92 2-Chlorotoluene	126	7.406	7.406	0.000	96	374497	50.0	50.1	
93 1,3,5-Trimethylbenzene	105	7.464	7.464	0.000	95	1389168	50.0	52.0	
94 4-Chlorotoluene	126	7.474	7.474	0.000	99	352966	50.0	50.0	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	281477	50.0	52.3	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	97	1371706	50.0	51.0	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	1705741	50.0	53.7	a
98 1,3-Dichlorobenzene	146	7.818	7.818	0.000	98	669223	50.0	49.9	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	97	1489725	50.0	53.5	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	94	519778	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	94	672203	50.0	49.8	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	98	1441922	50.0	51.4	
103 Benzyl chloride	91	7.937	7.937	0.000	98	1018111	50.0	51.3	a
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	95	840502	50.0	52.4	
105 p-Diethylbenzene	119	8.046	8.046	0.000	95	877000	50.0	52.2	
106 n-Butylbenzene	92	8.059	8.059	0.000	98	693190	50.0	52.0	
107 1,2-Dichlorobenzene	146	8.066	8.066	0.000	98	680018	50.0	49.4	
108 o-diethylbenzene	119	8.098	8.098	0.000	95	691915	50.0	50.9	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	86	181486	50.0	50.0	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	490599	50.0	50.4	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	94	483683	50.0	49.6	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	98	167862	50.0	51.3	
113 Naphthalene	128	9.014	9.014	0.000	97	2157895	50.0	52.0	
114 1,2,3-Trichlorobenzene	180	9.123	9.123	0.000	95	490222	50.0	50.4	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	94	1104772	50.0	51.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00230	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_01005	Amount Added:	2.50	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:49 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D

Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830 Operator ID: knk41612

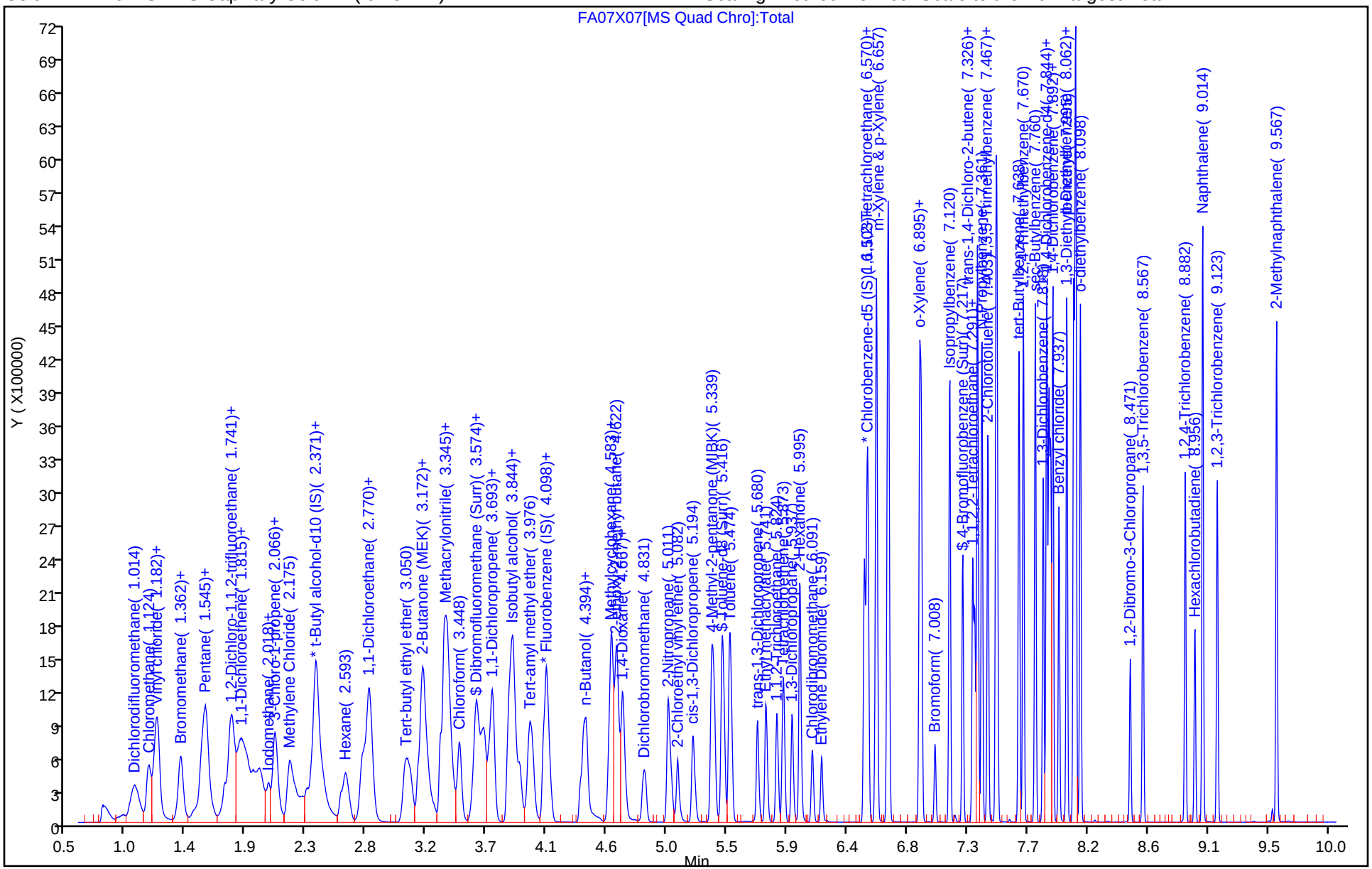
Lims ID: ICIS v50 Worklist Smp#: 8

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 57

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

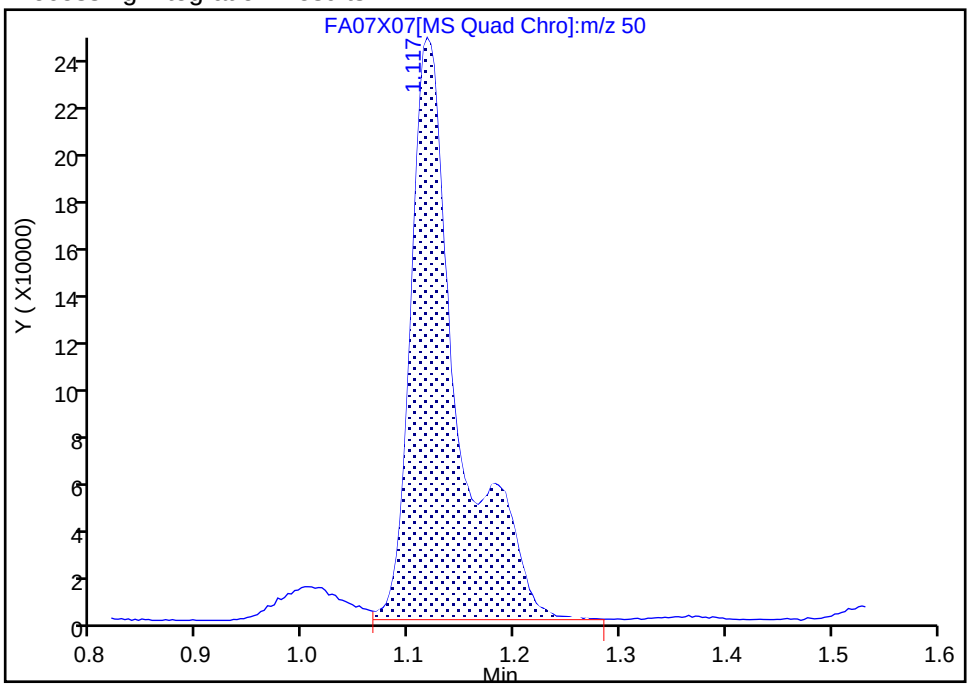
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

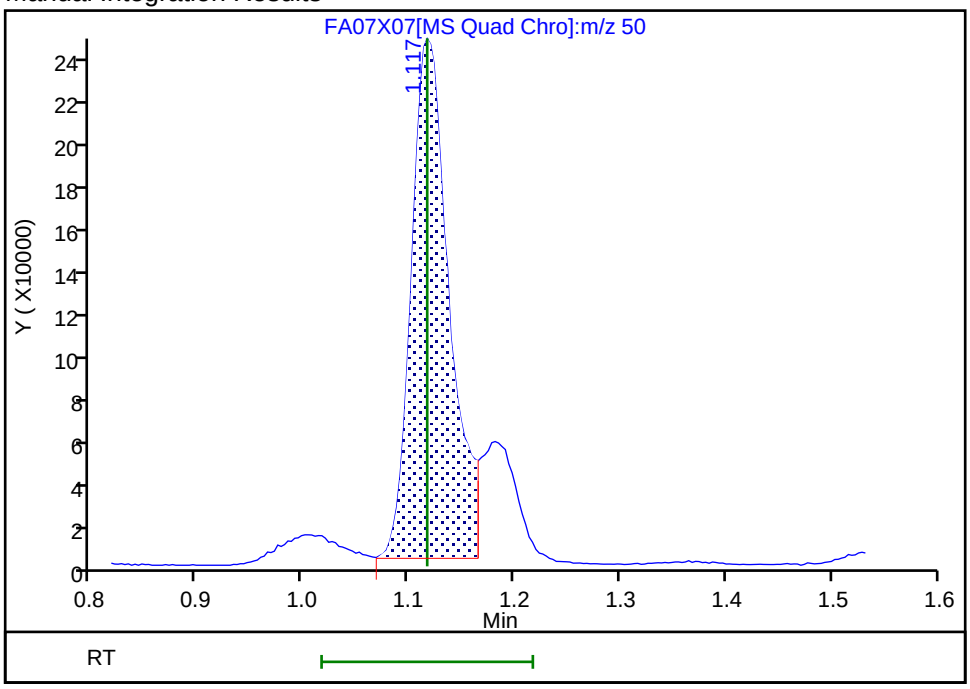
Processing Integration Results

RT: 1.12
Area: 752920
Amount: 49.363366
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 599298
Amount: 49.983885
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:22:21 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

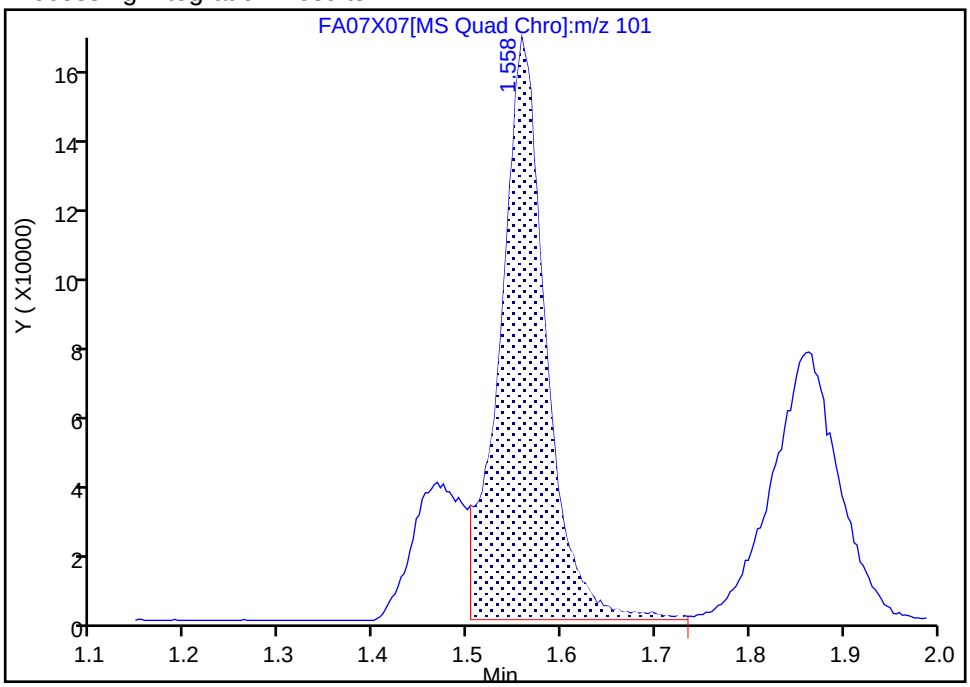
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

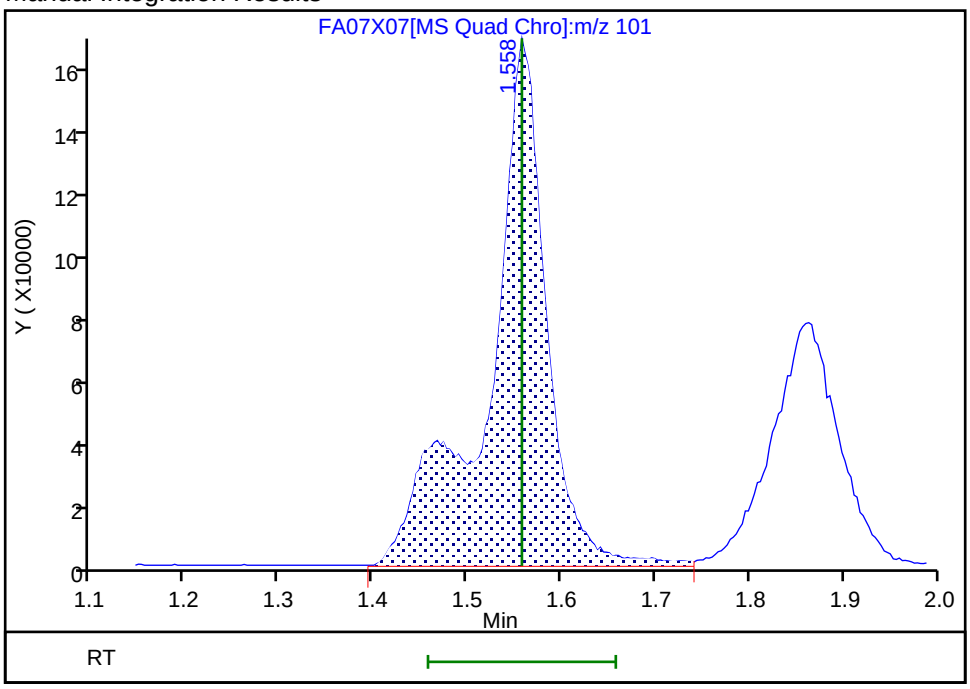
Processing Integration Results

RT: 1.56
Area: 557196
Amount: 48.998331
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 700694
Amount: 51.969698
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:09:10 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

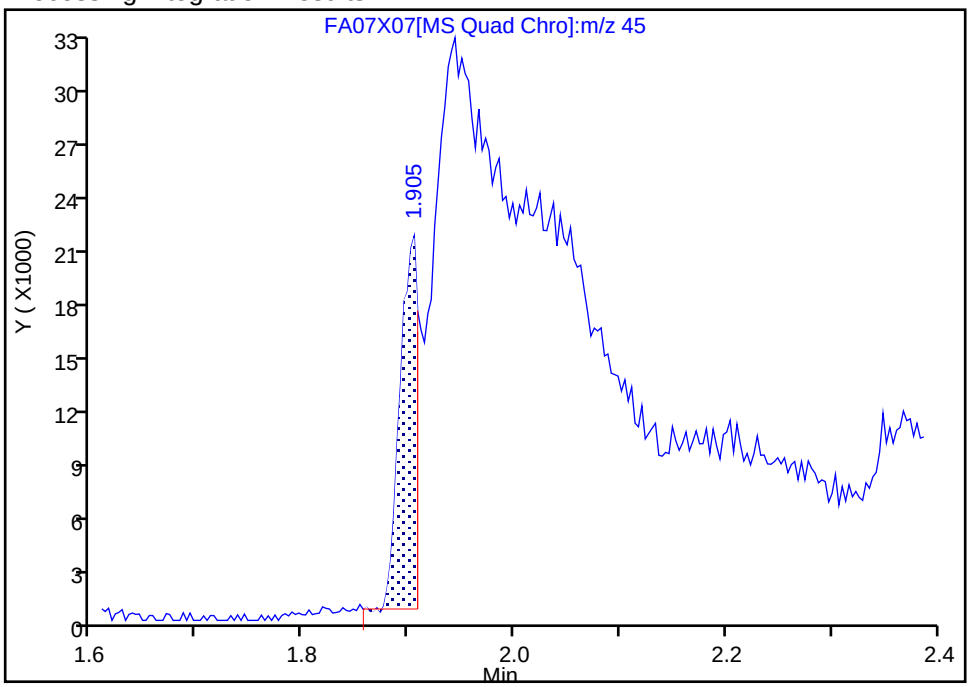
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

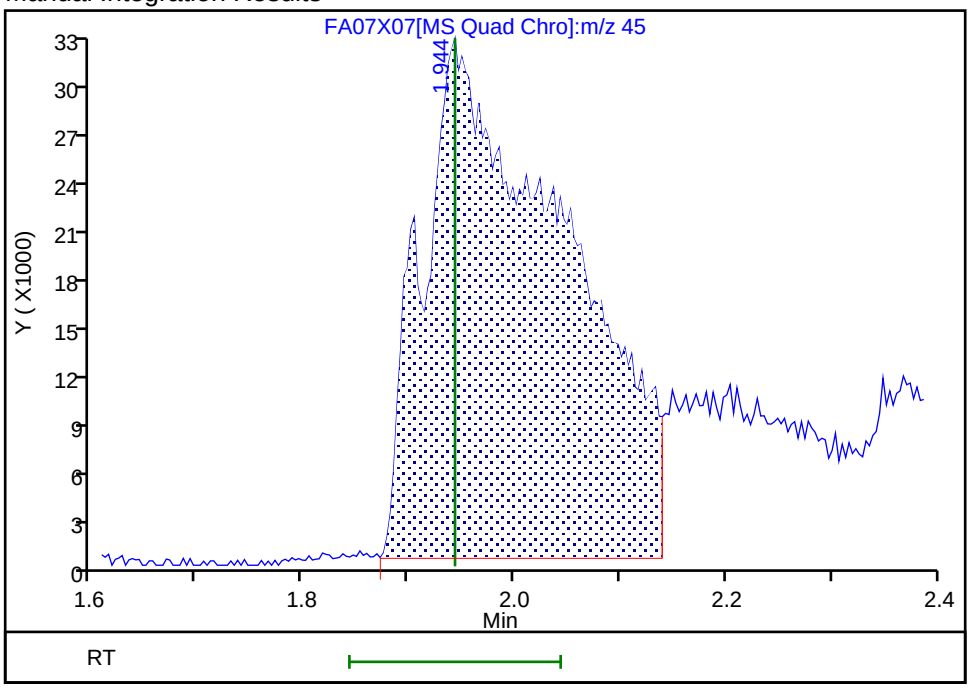
Processing Integration Results

RT: 1.91
Area: 24263
Amount: 41.064955
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 306362
Amount: 226.6009
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:12:19 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

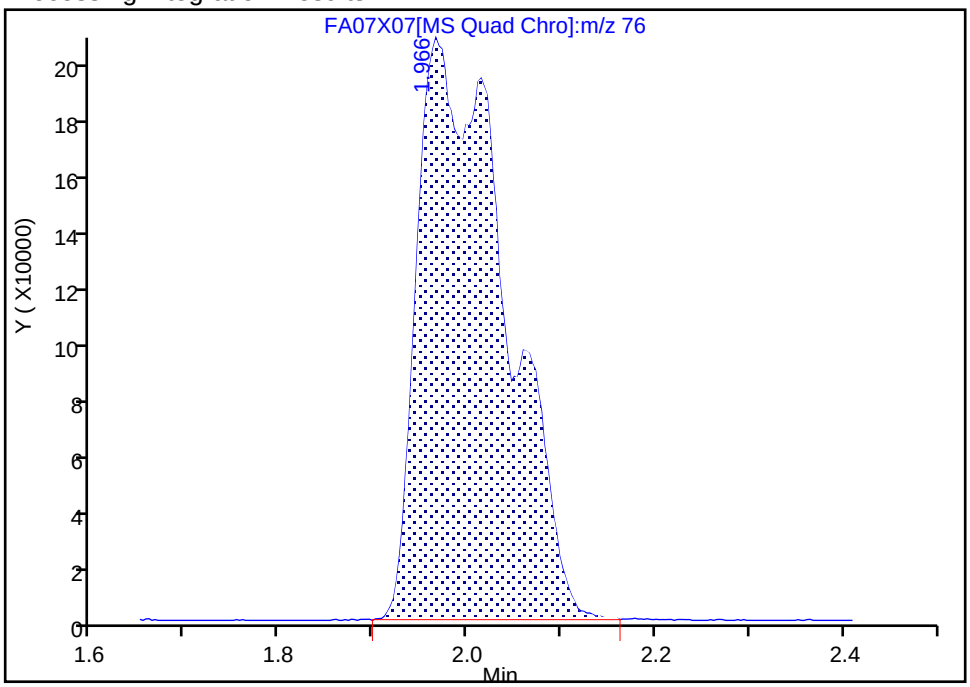
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

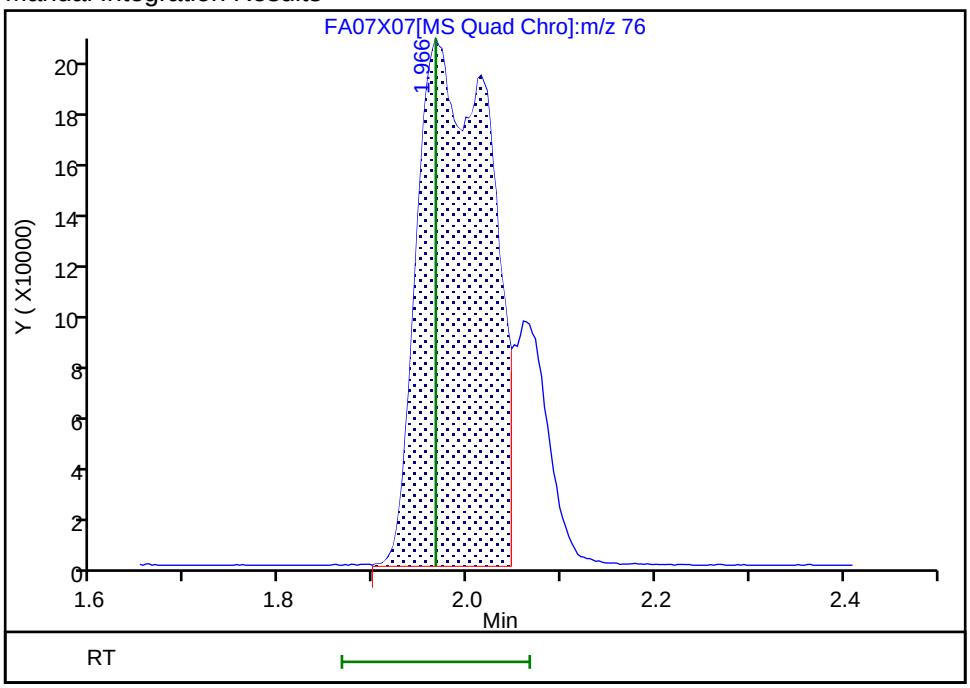
Processing Integration Results

RT: 1.97
Area: 1318856
Amount: 84.639817
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 1088572
Amount: 49.396555
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:09:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

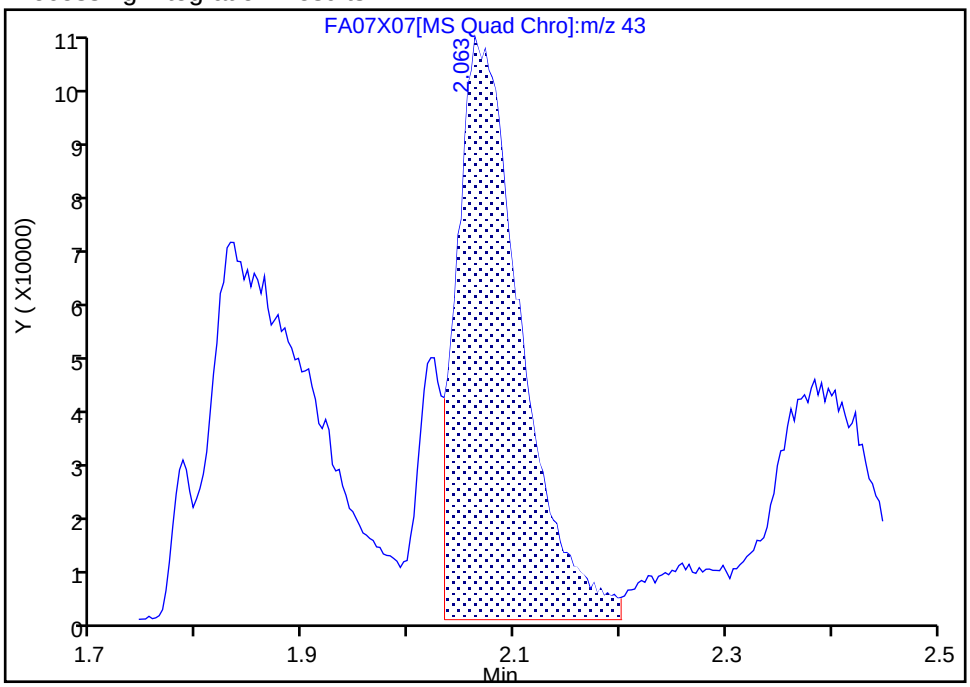
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Methyl acetate, CAS: 79-20-9

Signal: 1

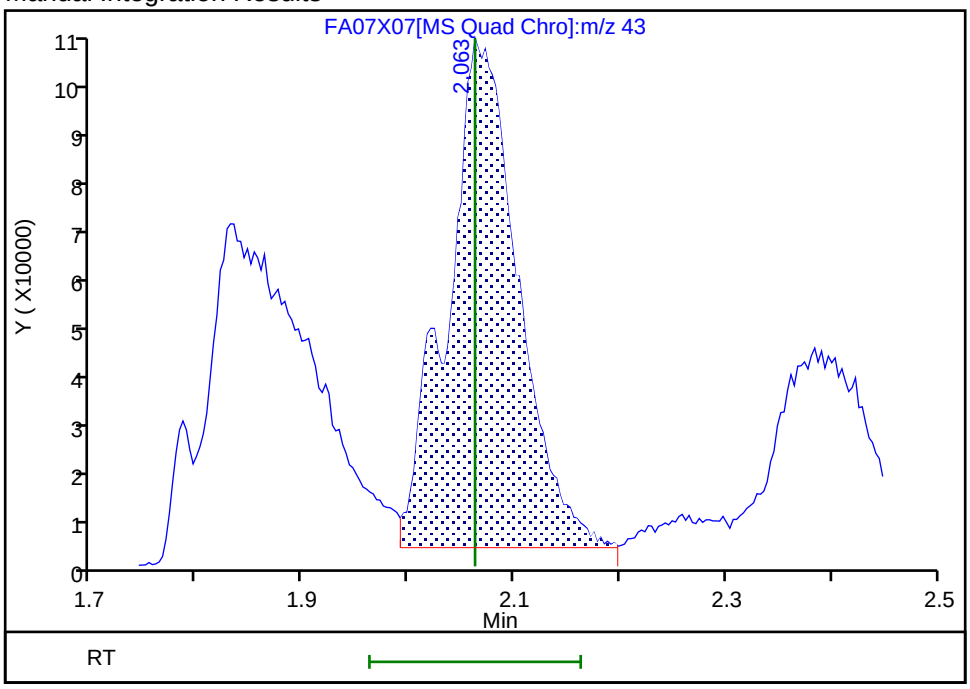
Processing Integration Results

RT: 2.06
Area: 458551
Amount: 57.544959
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 485671
Amount: 48.658054
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:10:04 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

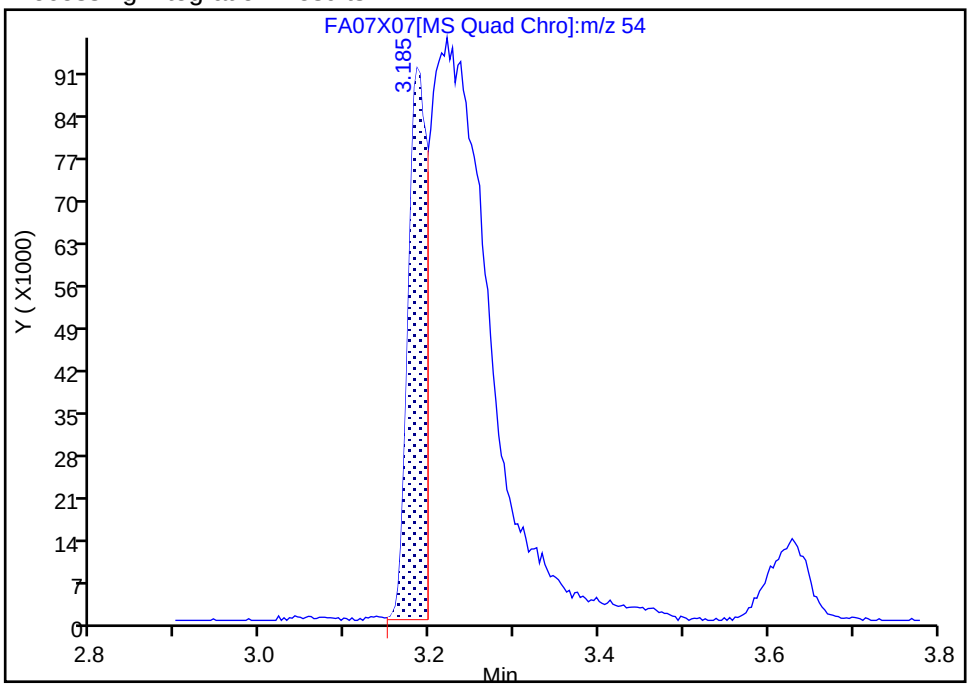
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

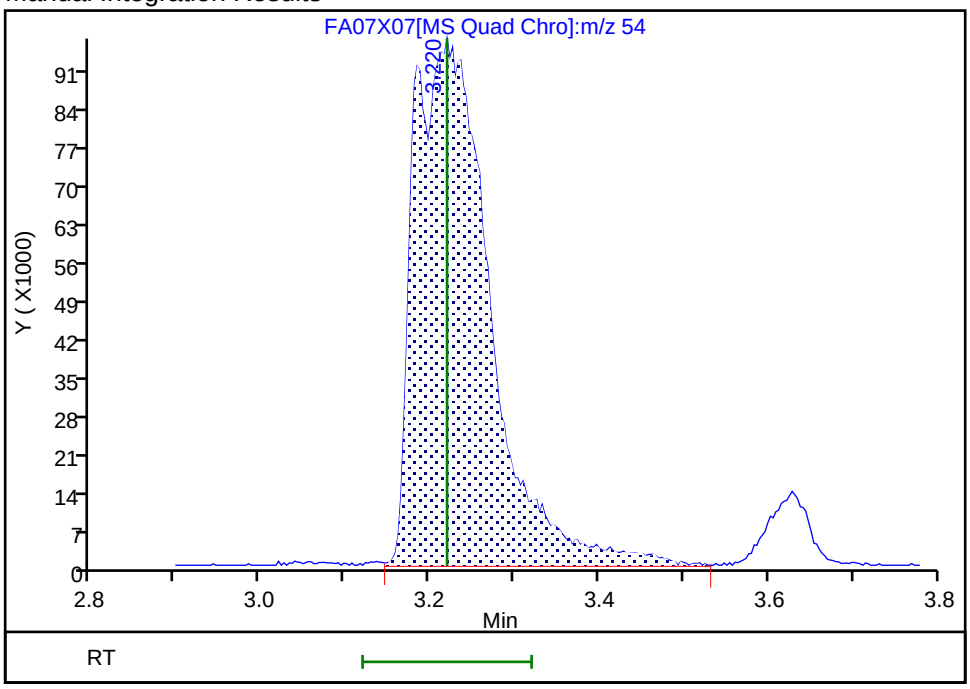
Processing Integration Results

RT: 3.18
Area: 141947
Amount: 80.721698
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 608257
Amount: 240.8735
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:13:29 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

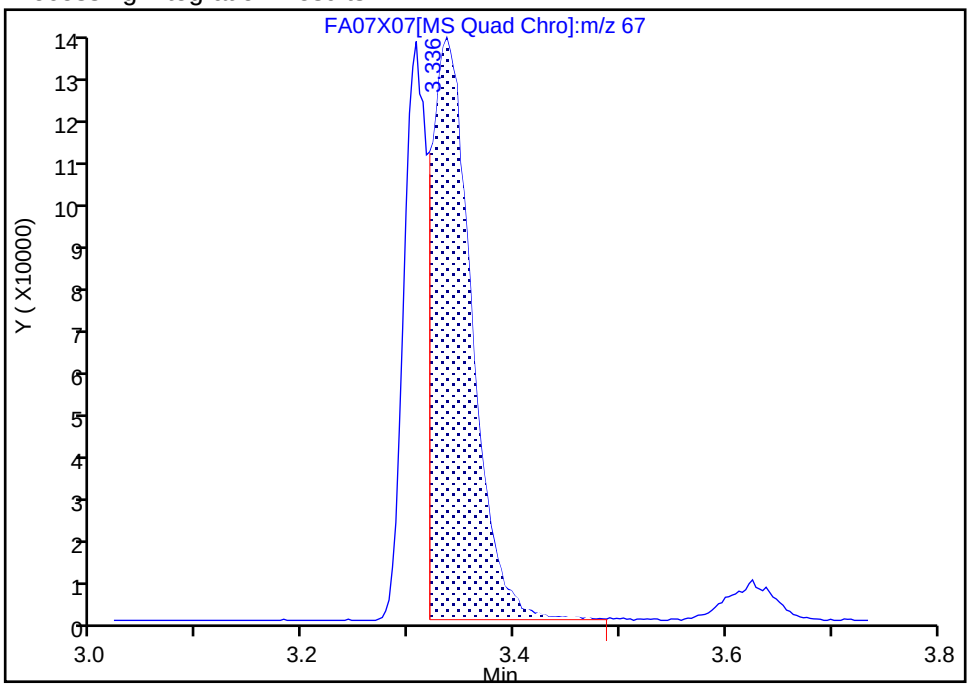
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D				
Injection Date:	07-Apr-2025 16:41:12	Instrument ID:	15830		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	57	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

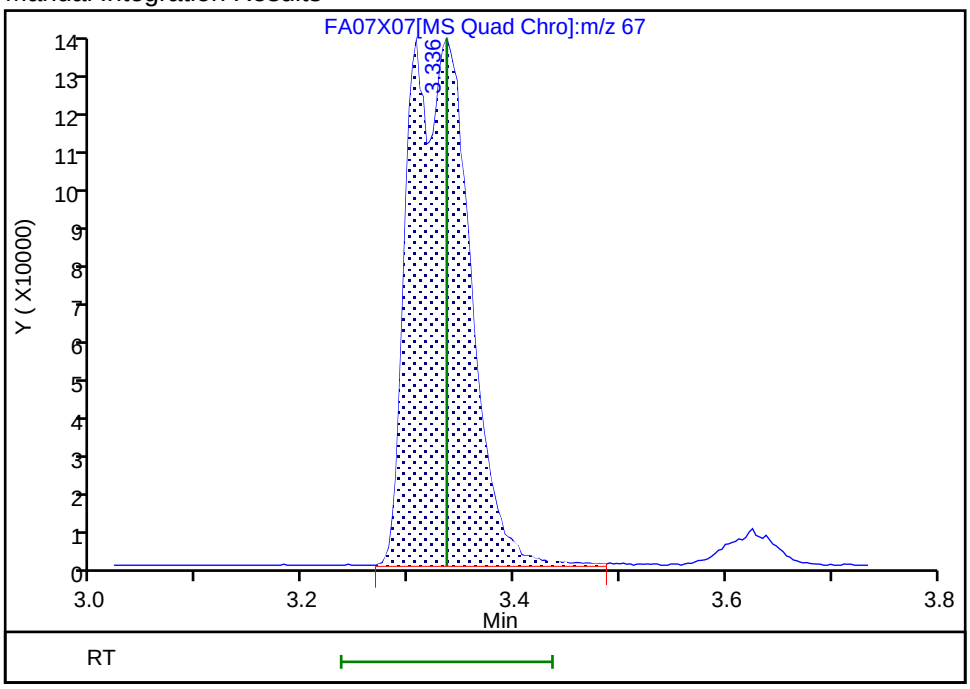
Processing Integration Results

RT: 3.34
Area: 364755
Amount: 99.575281
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 560057
Amount: 122.9997
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:13:54 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

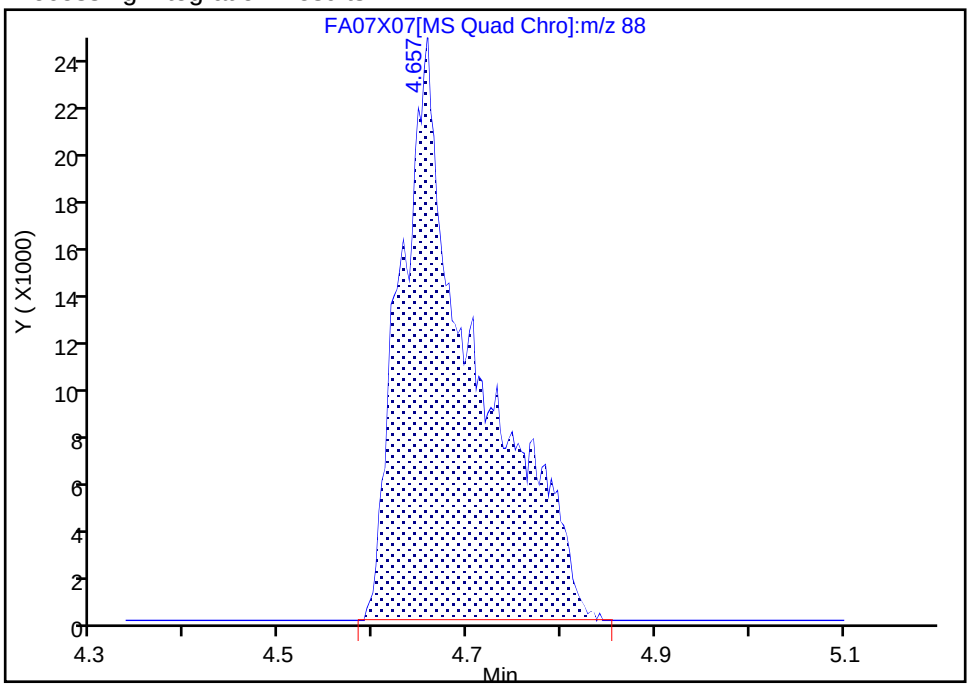
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

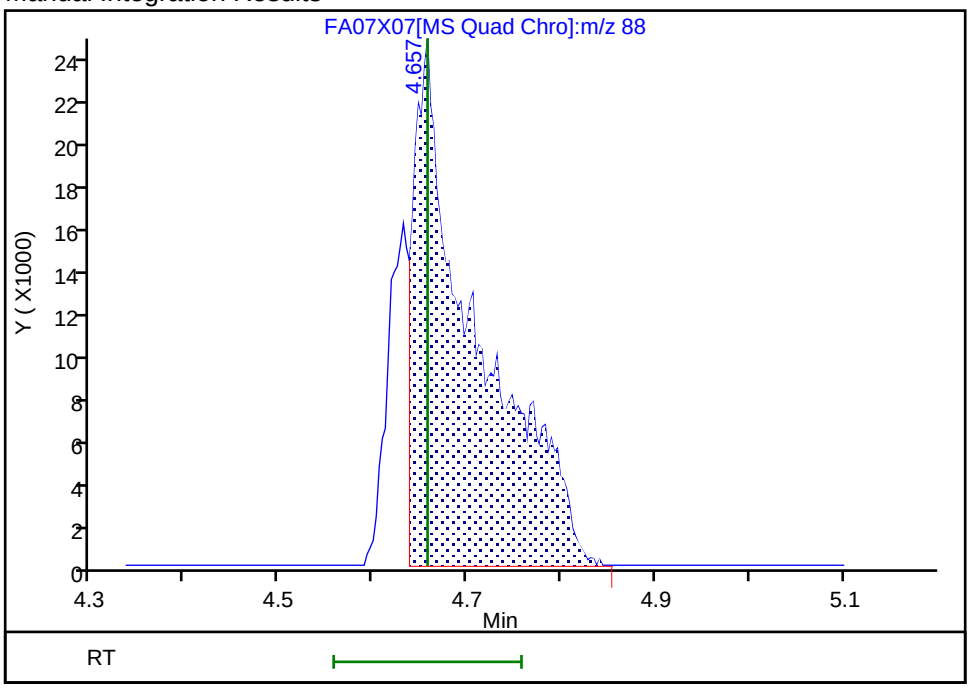
Processing Integration Results

RT: 4.66
Area: 135531
Amount: 705.2130
Amount Units: ug/l



Manual Integration Results

RT: 4.66
Area: 112760
Amount: 640.8450
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:14:48 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

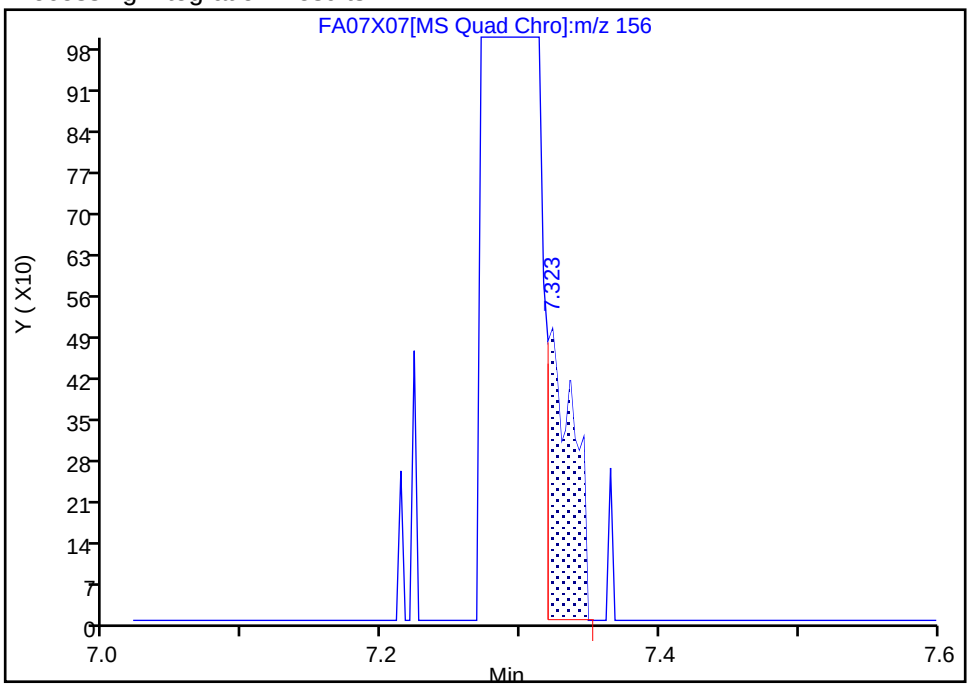
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

87 Bromobenzene, CAS: 108-86-1

Signal: 1

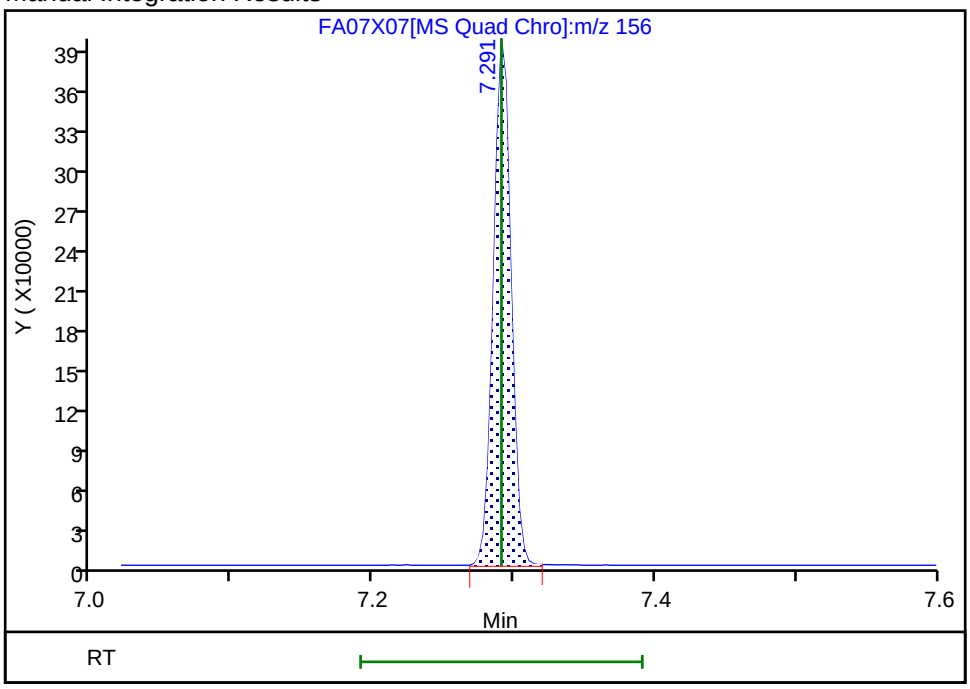
Processing Integration Results

RT: 7.32
Area: 644
Amount: 0.113344
Amount Units: ug/l



Manual Integration Results

RT: 7.29
Area: 339560
Amount: 49.574668
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:16:26 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

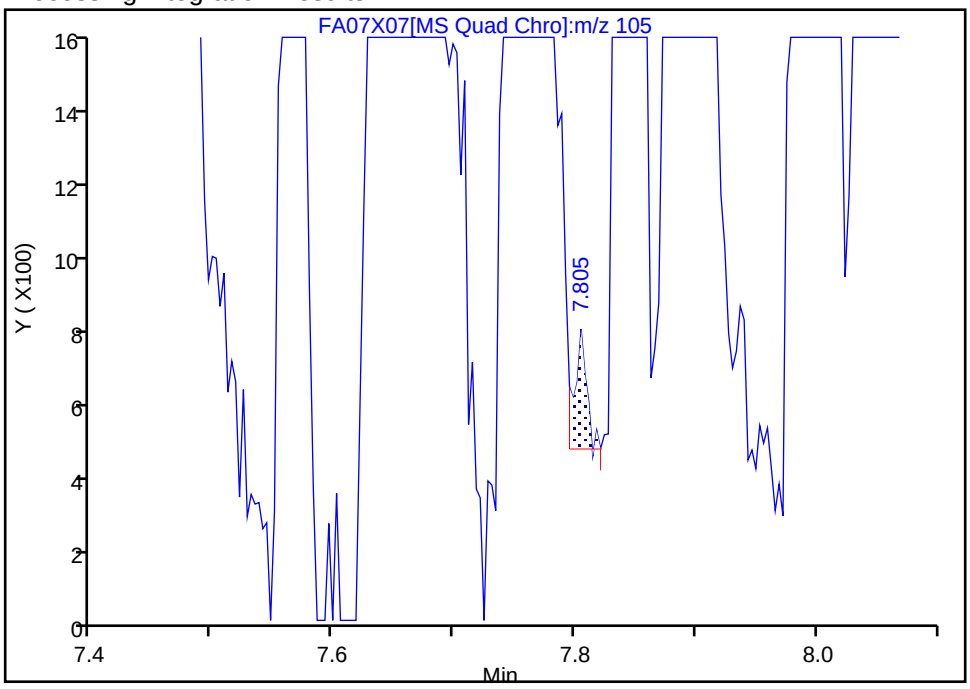
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

97 sec-Butylbenzene, CAS: 135-98-8

Signal: 1

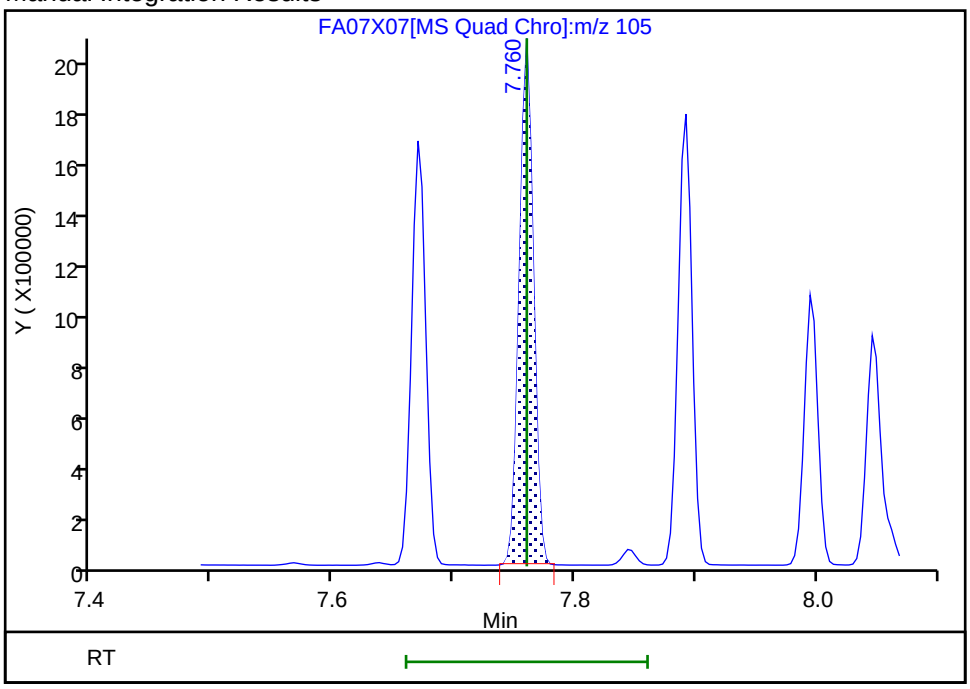
Processing Integration Results

RT: 7.81
Area: 226
Amount: 0.010224
Amount Units: ug/l



Manual Integration Results

RT: 7.76
Area: 1705741
Amount: 53.666008
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:17:09 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

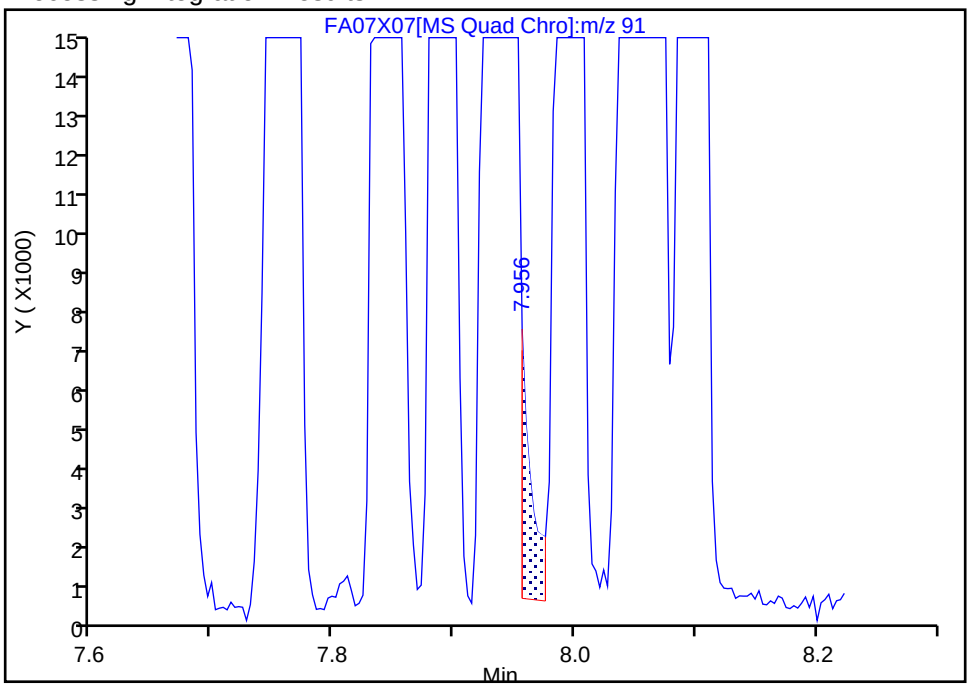
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X07.D
Injection Date: 07-Apr-2025 16:41:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: knk41612 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

103 Benzyl chloride, CAS: 100-44-7

Signal: 1

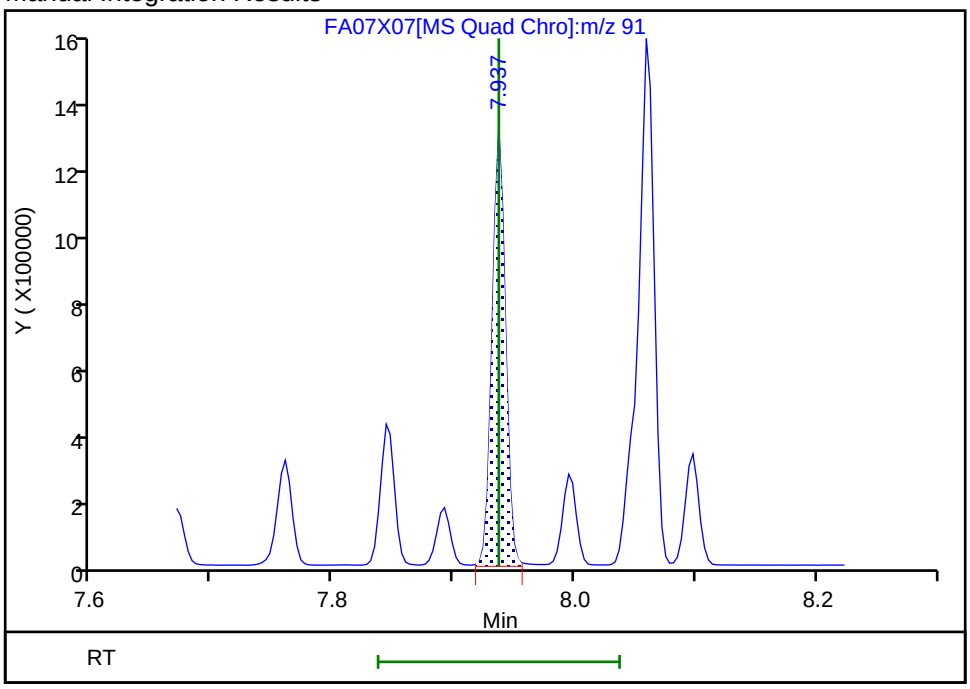
Processing Integration Results

RT: 7.96
Area: 3976
Amount: 0.321831
Amount Units: ug/l



Manual Integration Results

RT: 7.94
Area: 1018111
Amount: 51.261849
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:17:48 -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\20250407-143206.b\FA07X08.D
Lims ID: IC v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 07-Apr-2025 17:00:24 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v100
Misc. Info.: 410-0143206-009
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:54 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 17:47:12

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.008	1.011	-0.003	99	1134313	100.0	99.9	
2 Chloromethane	50	1.117	1.117	0.000	99	1191220	100.0	93.1	M
4 Vinyl chloride	62	1.175	1.175	0.000	98	1069390	100.0	96.1	
3 Butadiene	39	1.185	1.182	0.003	94	1162665	100.0	89.2	
5 Bromomethane	94	1.358	1.358	0.000	92	743980	100.0	94.5	
6 Chloroethane	64	1.368	1.371	-0.003	100	616632	100.0	94.1	
7 Pentane	43	1.513	1.519	-0.006	97	1020136	100.0	89.3	
8 Dichlorofluoromethane	67	1.542	1.542	0.000	98	1835151	100.0	97.1	
9 Trichlorofluoromethane	101	1.561	1.558	0.003	98	1421568	100.0	98.8	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.731	1.728	0.003	92	924678	100.0	94.8	
11 Acrolein	56	1.741	1.741	0.000	99	2812686	975.8	1014.6	
12 1,1-Dichloroethene	96	1.812	1.809	0.003	98	665637	100.0	98.1	
13 Acetone	58	1.831	1.844	-0.013	100	283216	200.0	181.1	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.857	1.863	-0.006	93	784758	100.0	99.1	
15 Iodomethane	142	1.924	1.928	-0.004	98	1376642	100.0	98.4	
16 Isopropyl alcohol	45	1.944	1.944	0.000	98	712812	500.0	529.5	M
17 Carbon disulfide	76	2.011	1.966	0.045	100	2324501	100.0	98.8	M
19 Methyl acetate	43	2.066	2.063	0.003	50	1040256	100.0	97.7	M
18 3-Chloro-1-propene	41	2.063	2.066	-0.003	87	1176613	100.0	97.5	
20 Methylene Chloride	84	2.178	2.175	0.003	91	804335	100.0	96.9	
* 21 t-Butyl alcohol-d10 (IS)	65	2.278	2.275	0.003	74	853577	250.0	250.0	
22 2-Methyl-2-propanol	59	2.352	2.336	0.016	99	1719405	500.0	509.1	
23 Acrylonitrile	53	2.349	2.352	-0.003	99	1416890	250.0	241.4	
24 trans-1,2-Dichloroethene	96	2.374	2.374	0.000	99	759073	100.0	98.2	
25 Methyl tert-butyl ether	73	2.397	2.403	-0.006	93	2454860	100.0	97.5	
26 Hexane	57	2.590	2.593	-0.003	93	902856	100.0	101.5	
27 1,1-Dichloroethane	63	2.715	2.718	-0.003	96	1336746	100.0	99.4	
28 Isopropyl ether	45	2.767	2.767	0.000	92	2202518	100.0	99.5	
29 2-Chloro-1,3-butadiene	53	2.770	2.773	-0.003	91	1184701	100.0	99.0	
30 Tert-butyl ethyl ether	59	3.050	3.053	-0.003	97	2460175	100.0	100.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.137	3.136	0.001	98	1405360	200.0	194.2	
32 cis-1,2-Dichloroethene	96	3.165	3.169	-0.004	83	879290	100.0	98.6	
33 2,2-Dichloropropane	77	3.188	3.191	-0.003	88	1266056	100.0	100.0	
34 Propionitrile	54	3.217	3.220	-0.003	98	1321490	500.0	525.5	
35 Methacrylonitrile	67	3.339	3.336	0.003	94	1253593	250.0	258.0	
37 Tetrahydrofuran	71	3.371	3.336	0.035	79	1176371	500.0	522.2	M
36 Chlorobromomethane	128	3.355	3.352	0.003	93	418875	100.0	98.2	
39 Chloroform	83	3.445	3.448	-0.003	94	1342359	100.0	100.3	
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	92	374390	50.0	48.4	
41 1,1,1-Trichloroethane	97	3.577	3.574	0.003	98	1229953	100.0	100.9	
42 Cyclohexane	56	3.628	3.625	0.003	93	1362625	100.0	98.5	
43 1,1-Dichloropropene	75	3.690	3.690	0.000	97	1039719	100.0	104.1	
44 Carbon tetrachloride	117	3.690	3.696	-0.006	95	1019901	100.0	104.5	
45 Isobutyl alcohol	41	3.809	3.808	0.001	93	1055553	1250.0	1277.1	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.837	3.831	0.006	91	90960	50.0	49.1	
47 Benzene	78	3.847	3.847	0.000	97	2989061	100.0	104.3	
48 1,2-Dichloroethane	62	3.895	3.902	-0.007	97	980157	100.0	101.5	
49 Tert-amyl methyl ether	73	3.979	3.979	0.000	98	2410243	100.0	101.3	
* 50 Fluorobenzene (IS)	96	4.098	4.098	0.000	99	1374454	50.0	50.0	
51 n-Heptane	43	4.117	4.104	0.013	92	690186	100.0	99.1	
52 n-Butanol	56	4.352	4.355	-0.003	88	936334	1250.0	1345.3	
53 Trichloroethene	95	4.394	4.394	0.000	98	749819	100.0	105.0	
54 Methylcyclohexane	83	4.583	4.583	0.000	91	1391176	100.0	102.2	
55 1,2-Dichloropropane	63	4.603	4.596	0.007	96	683196	100.0	103.9	
56 2-ethoxy-2-methyl butane	87	4.628	4.625	0.003	94	1233082	100.0	102.7	
57 1,4-Dioxane	88	4.651	4.657	-0.006	83	240853	1250.0	1374.6	M
58 Methyl methacrylate	69	4.670	4.670	0.000	90	617268	100.0	103.4	
59 Dibromomethane	93	4.673	4.673	0.000	97	463712	100.0	103.0	
60 Dichlorobromomethane	83	4.831	4.831	0.000	100	855401	100.0	110.3	
61 2-Nitropropane	41	5.014	5.011	0.003	98	1675528	500.0	536.6	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	93	433835	100.0	103.4	
63 cis-1,3-Dichloropropene	75	5.198	5.197	0.001	95	978546	100.0	108.3	
64 4-Methyl-2-pentanone (MIBK)	43	5.342	5.339	0.003	96	2463089	200.0	196.5	
$ 65 Toluene-d8 (Surr)	98	5.419	5.416	0.003	93	1218470	50.0	51.4	
66 Toluene	92	5.474	5.474	0.000	98	1645190	100.0	107.1	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	94	854547	100.0	111.9	
68 Ethyl methacrylate	69	5.744	5.741	0.003	88	1003012	100.0	106.1	
69 1,1,2-Trichloroethane	97	5.825	5.824	0.001	90	550709	100.0	108.0	
70 Tetrachloroethene	166	5.876	5.873	0.003	96	691742	100.0	107.5	
71 1,3-Dichloropropane	76	5.940	5.937	0.003	91	906892	100.0	106.4	
72 2-Hexanone	43	5.998	5.995	0.003	95	1719402	200.0	193.6	
73 Chlorodibromomethane	129	6.091	6.091	0.000	90	594189	100.0	117.2	
S 74 1,2-Dichloroethene, Total	100				0			196.8	
75 Ethylene Dibromide	107	6.159	6.159	0.000	99	597279	100.0	106.7	
* 76 Chlorobenzene-d5 (IS)	117	6.480	6.480	0.000	84	891330	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	94	1738707	100.0	105.1	
78 1-Chlorohexane	91	6.506	6.506	0.000	96	853818	100.0	104.1	
79 1,1,1,2-Tetrachloroethane	131	6.567	6.567	0.000	95	736040	100.0	114.0	
80 Ethylbenzene	91	6.574	6.570	0.004	98	3304962	100.0	107.1	
81 m-Xylene & p-Xylene	106	6.660	6.657	0.003	99	2550074	200.0	211.4	
82 o-Xylene	106	6.895	6.895	0.000	97	1368051	100.0	106.7	
83 Styrene	104	6.908	6.908	0.000	95	1970671	100.0	104.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.011	7.008	0.003	96	422387	100.0	118.0	
85 Isopropylbenzene	105	7.120	7.120	0.000	96	3386964	100.0	110.6	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	466809	50.0	48.7	
87 Bromobenzene	156	7.291	7.291	0.000	94	722366	100.0	104.5	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	95	1087112	100.0	106.8	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	93	865657	250.0	284.1	
90 1,2,3-Trichloropropane	110	7.332	7.332	0.000	86	345649	100.0	102.4	
91 N-Propylbenzene	91	7.361	7.361	0.000	99	3997870	100.0	111.6	
92 2-Chlorotoluene	126	7.406	7.406	0.000	96	812384	100.0	107.8	
93 1,3,5-Trimethylbenzene	105	7.468	7.464	0.004	95	3026899	100.0	112.4	
94 4-Chlorotoluene	126	7.474	7.474	0.000	99	748449	100.0	105.1	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	625464	100.0	115.3	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	98	2986297	100.0	110.1	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	3721192	100.0	116.0	
98 1,3-Dichlorobenzene	146	7.821	7.818	0.003	97	1409346	100.0	104.1	
99 4-Isopropyltoluene	119	7.847	7.844	0.003	97	3156489	100.0	112.4	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	94	524383	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	94	1414629	100.0	103.9	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	98	3126419	100.0	110.5	
103 Benzyl chloride	91	7.937	7.937	0.000	99	2246855	100.0	112.1	
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	95	1750355	100.0	108.3	
105 p-Diethylbenzene	119	8.046	8.046	0.000	93	1801662	100.0	106.2	
106 n-Butylbenzene	92	8.062	8.059	0.003	98	1417075	100.0	105.4	
107 1,2-Dichlorobenzene	146	8.062	8.066	-0.004	97	1436617	100.0	103.5	
108 o-diethylbenzene	119	8.098	8.098	0.000	95	1509216	100.0	110.0	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	86	404969	100.0	110.5	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	1041945	100.0	106.2	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	95	1039805	100.0	105.8	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	98	359906	100.0	109.1	
113 Naphthalene	128	9.014	9.014	0.000	97	4561800	100.0	109.1	
114 1,2,3-Trichlorobenzene	180	9.123	9.123	0.000	97	1033869	100.0	105.4	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	92	2316143	100.0	106.7	
S 139 1,3-Dichloropropene, Total	100				0			220.2	
S 140 Xylenes, Total	106				0			318.1	
S 141 Total Diethylbenzene	1				0			324.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00230	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_01005	Amount Added:	2.50	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:55 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D

Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830 Operator ID: knk41612

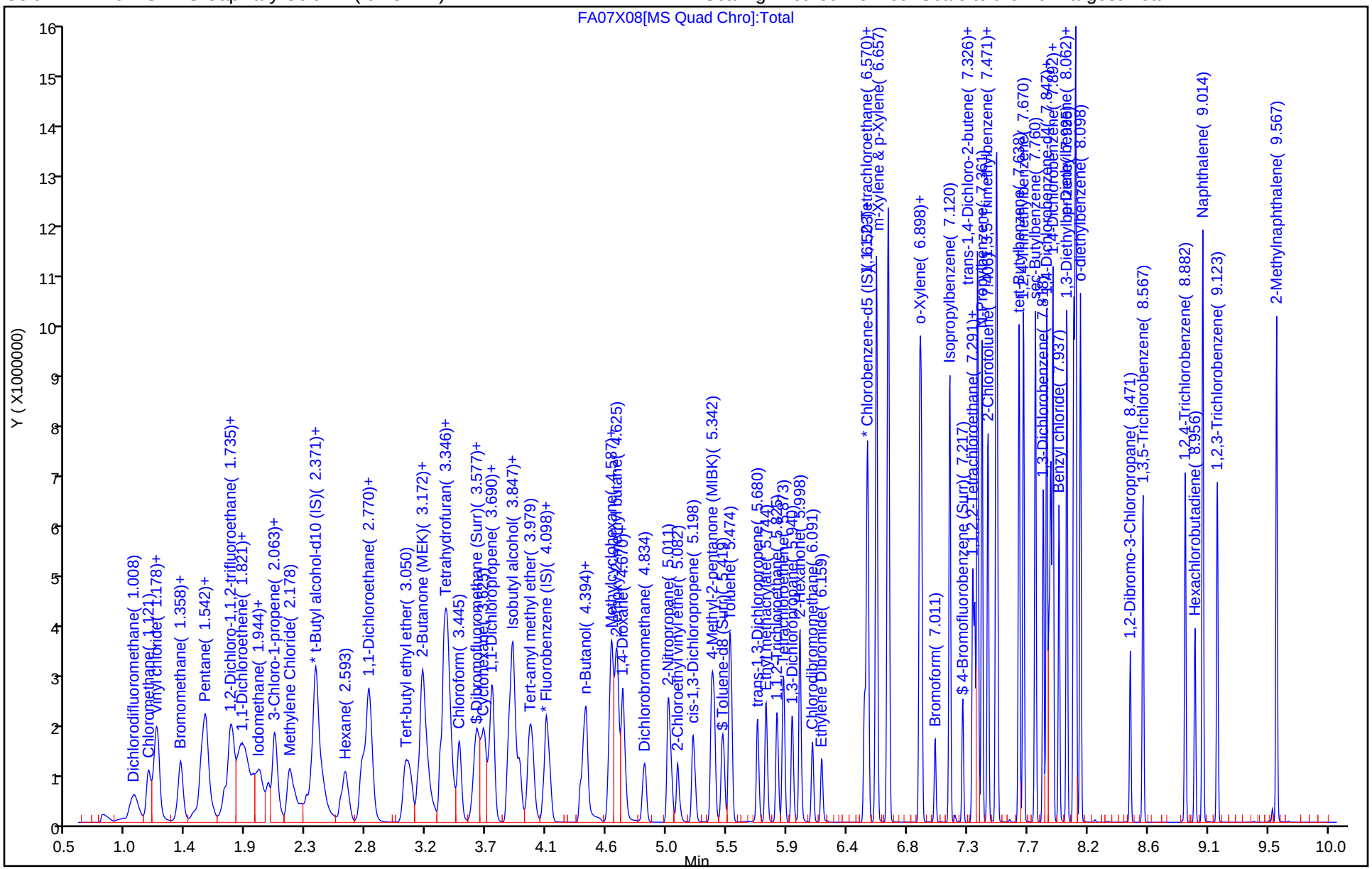
Lims ID: IC v100 Worklist Smp#: 9

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 58

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

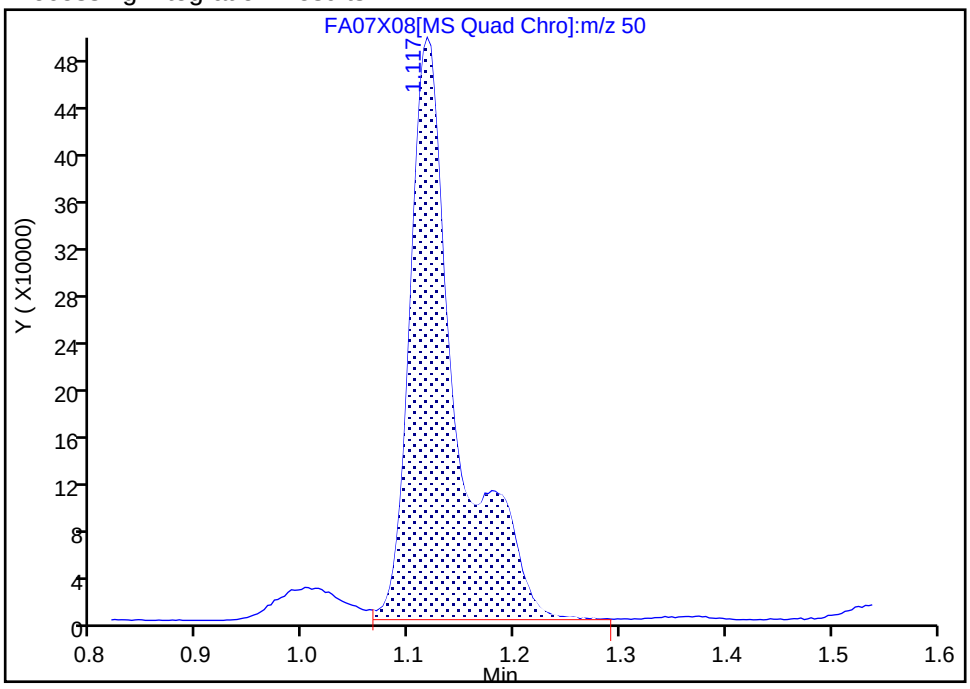
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D
Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

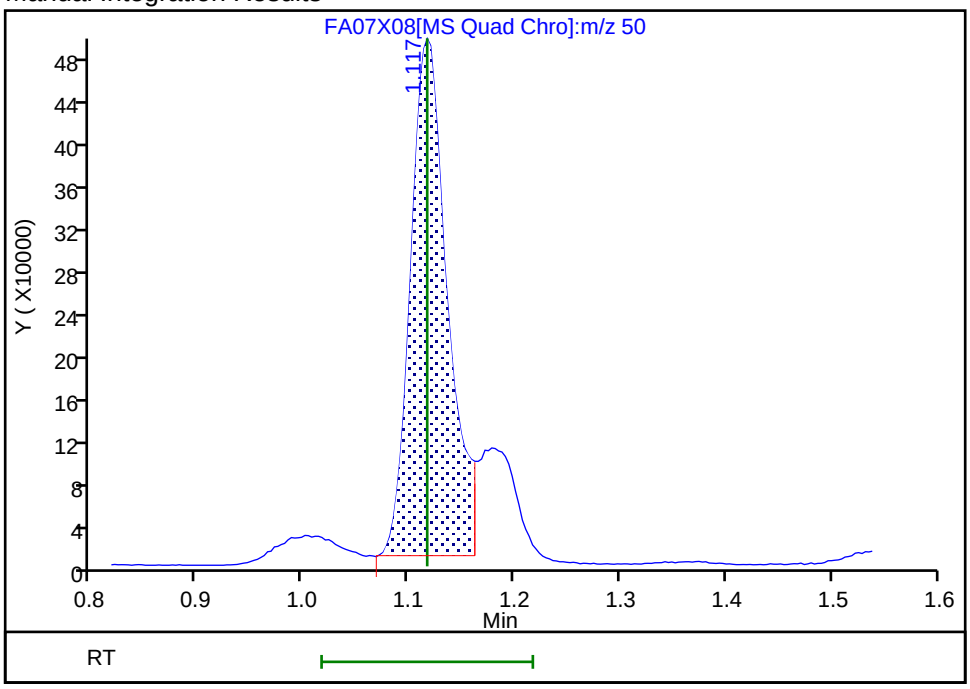
Processing Integration Results

RT: 1.12
Area: 1509629
Amount: 104.7080
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 1191220
Amount: 93.106858
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:44:43 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

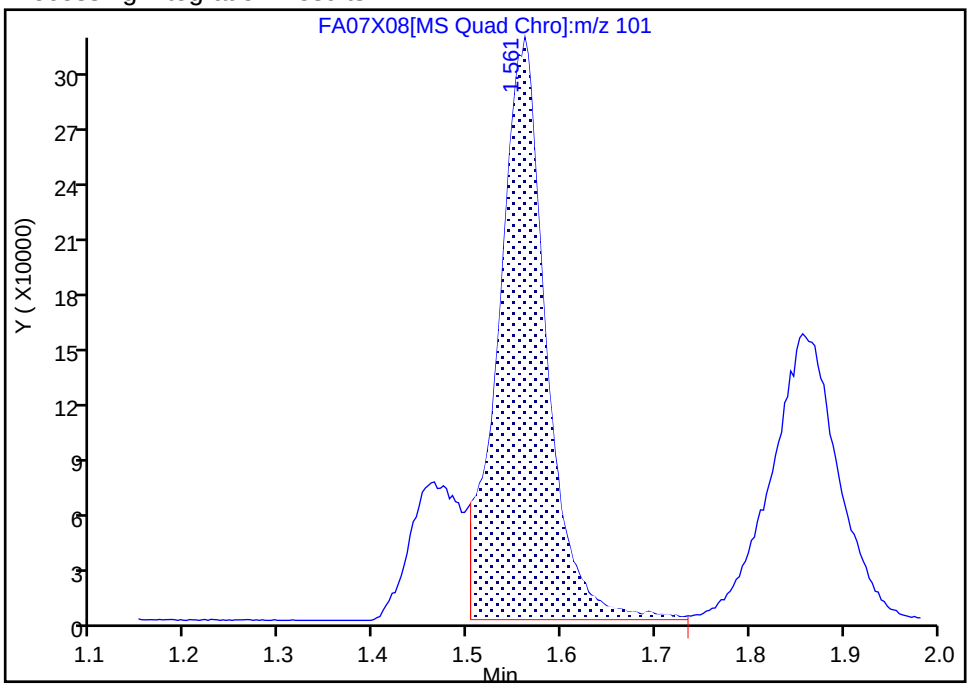
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D
Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

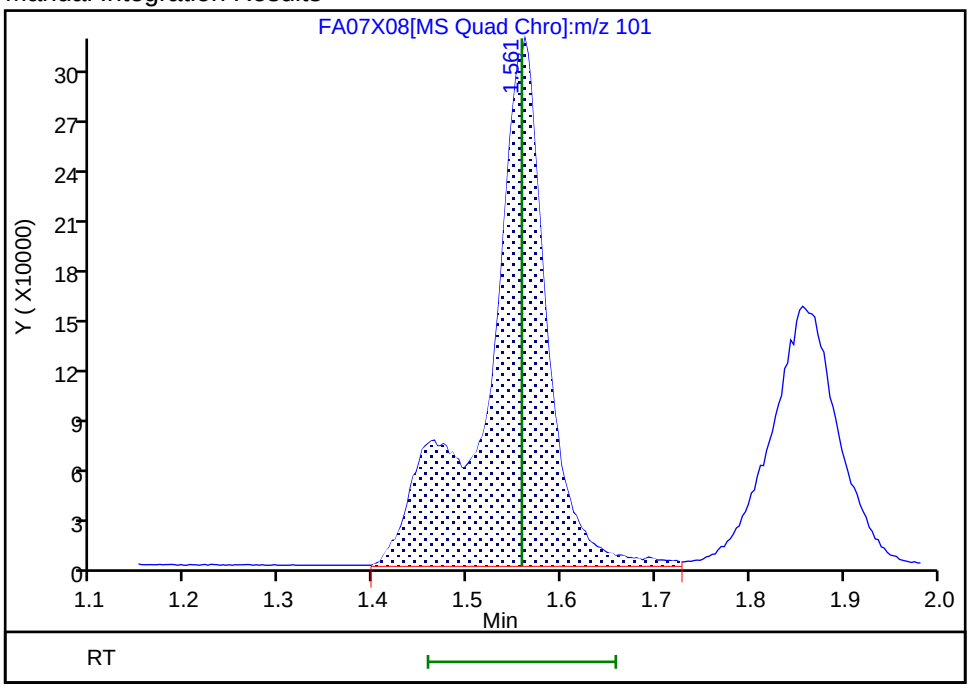
Processing Integration Results

RT: 1.56
Area: 1134401
Amount: 75.999193
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 1421568
Amount: 98.807963
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:45:06 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

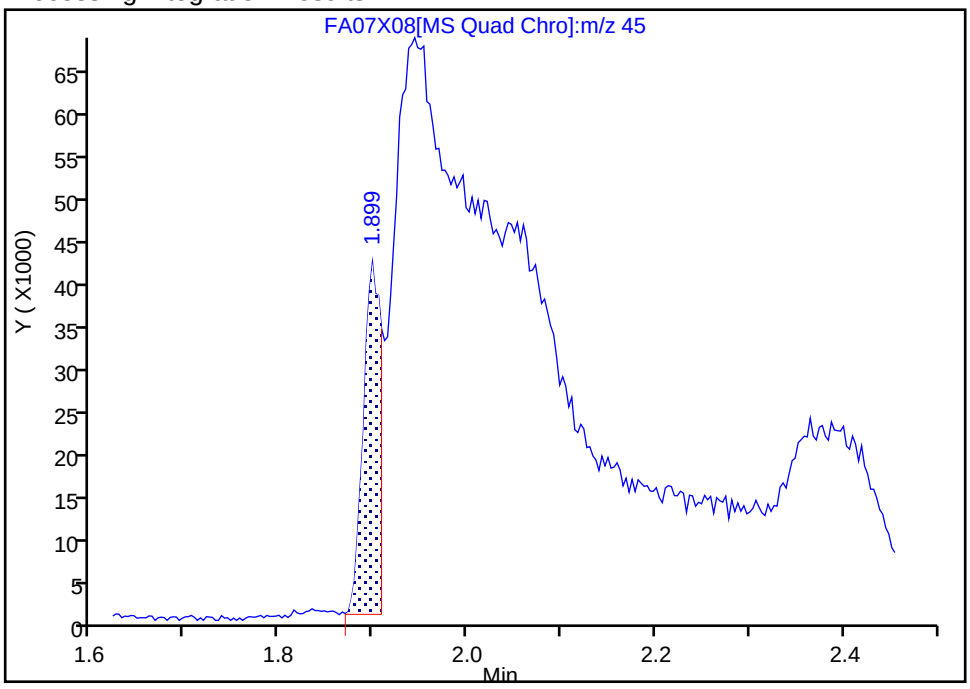
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D
Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

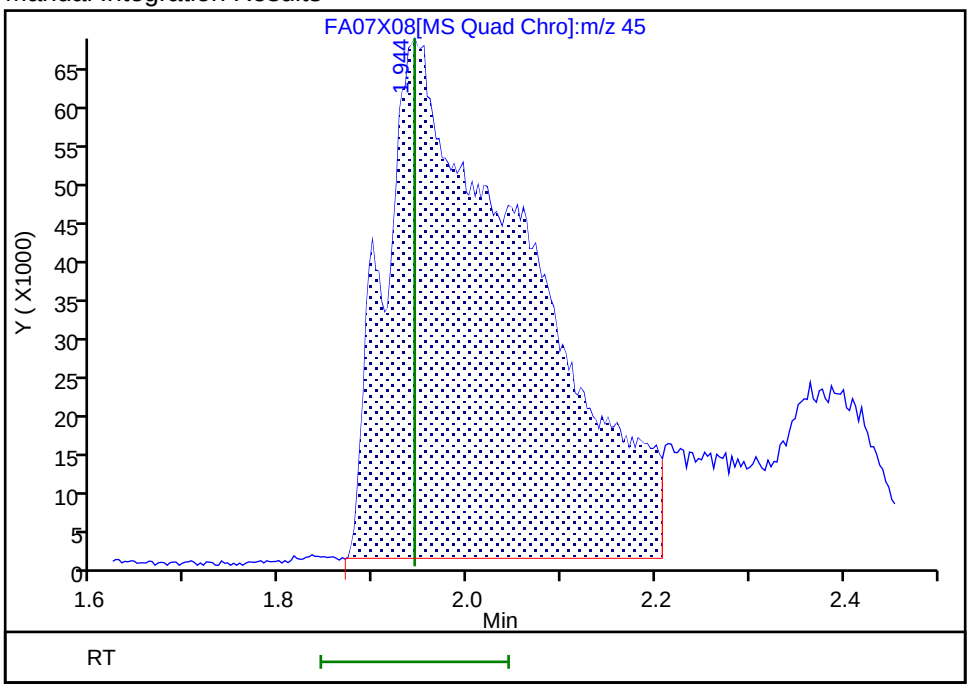
Processing Integration Results

RT: 1.90
Area: 52227
Amount: 49.351337
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 712812
Amount: 529.4710
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:45:38 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

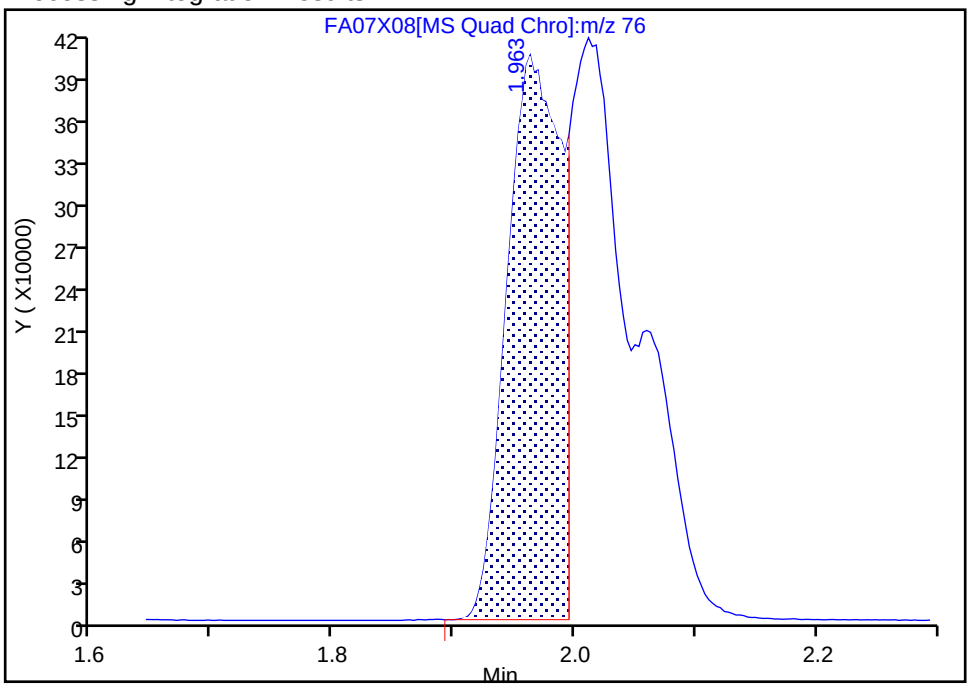
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D
Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

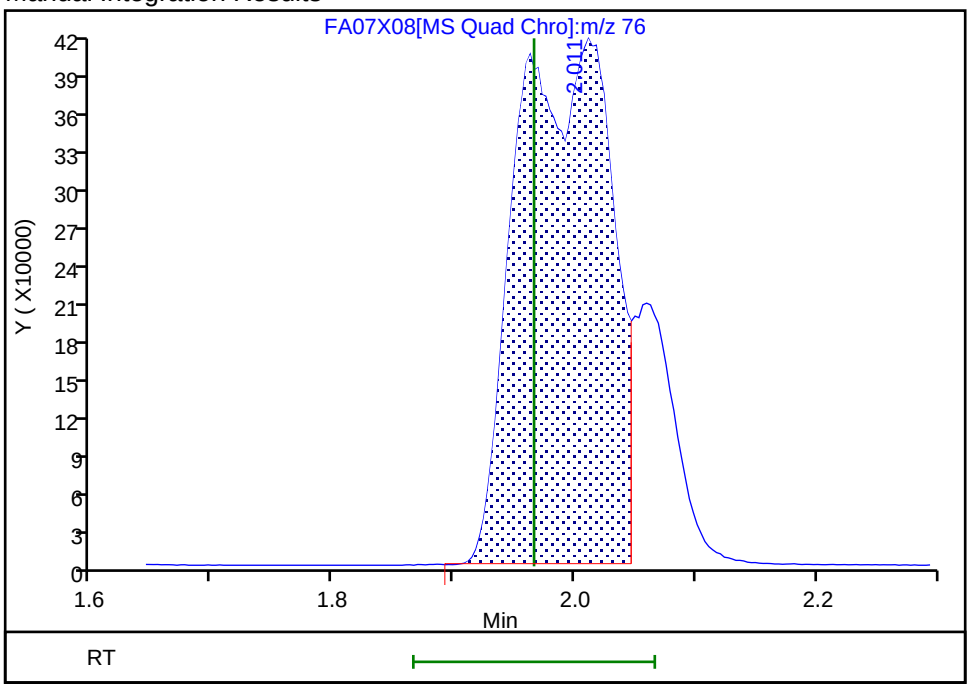
Processing Integration Results

RT: 1.96
Area: 1293493
Amount: 59.901182
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 2324501
Amount: 98.848880
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:45:51 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

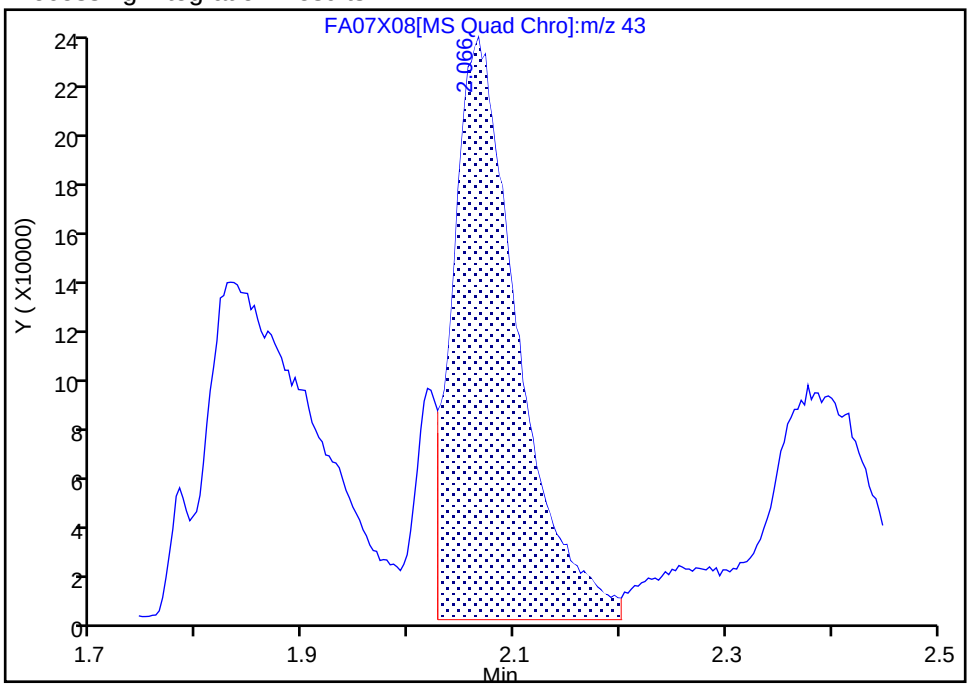
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D				
Injection Date:	07-Apr-2025 17:00:24	Instrument ID:	15830		
Lims ID:	IC v100				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	58	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

19 Methyl acetate, CAS: 79-20-9

Signal: 1

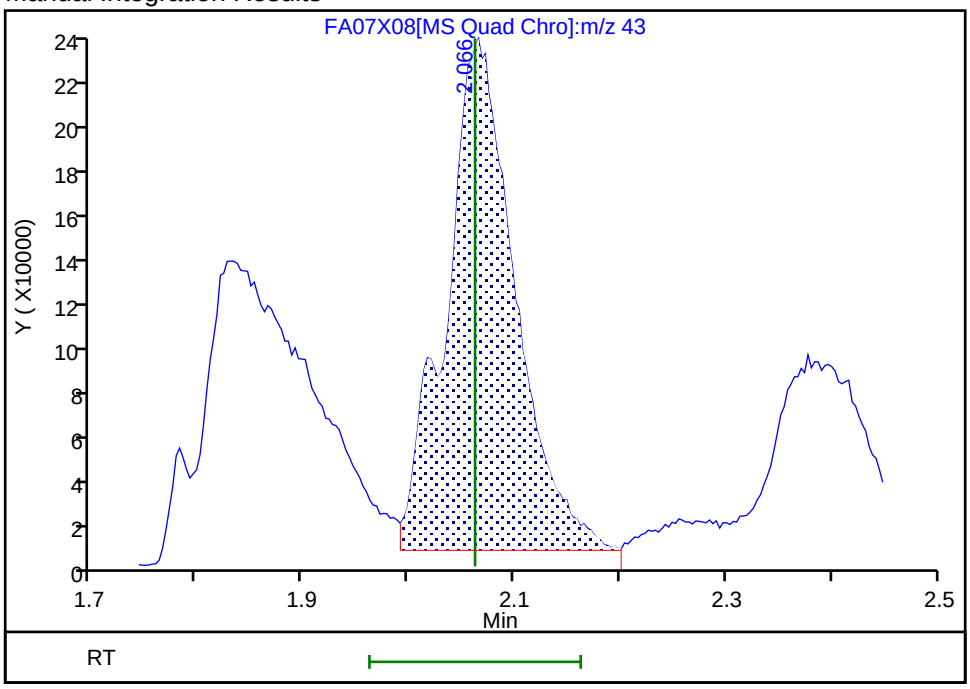
Processing Integration Results

RT: 2.07
Area: 1021538
Amount: 95.867135
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 1040256
Amount: 97.668677
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:46:13 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

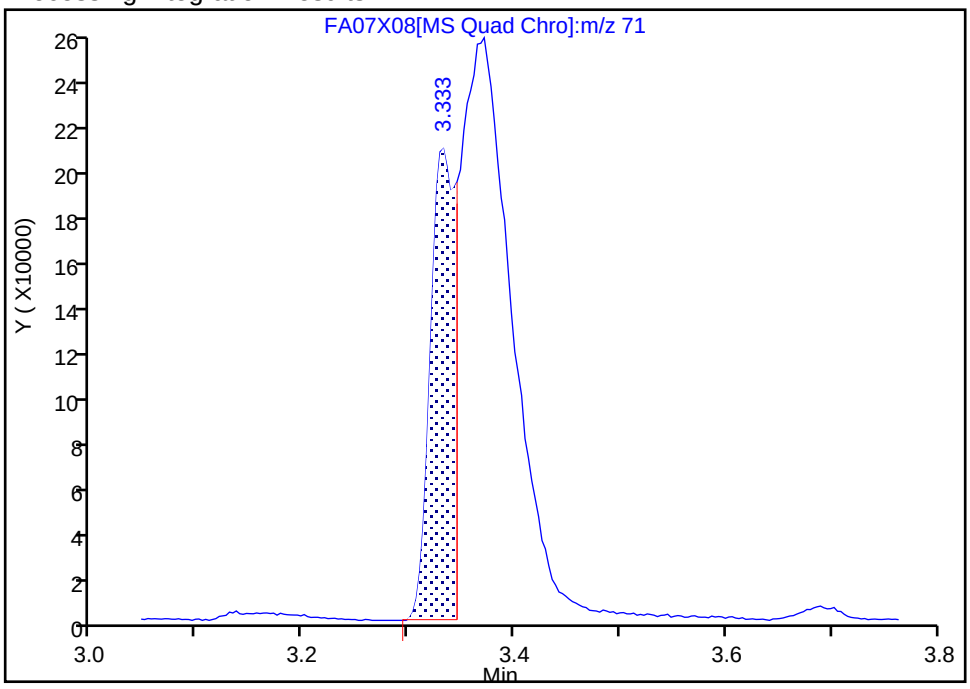
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D
Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

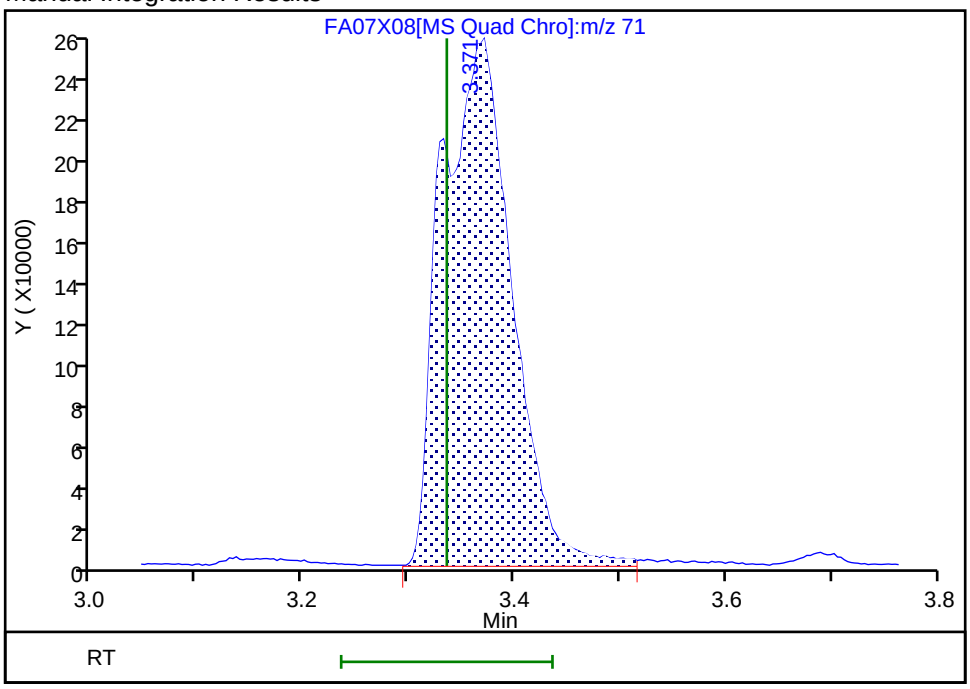
Processing Integration Results

RT: 3.33
Area: 344875
Amount: 183.7206
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 1176371
Amount: 522.2090
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:46:34 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

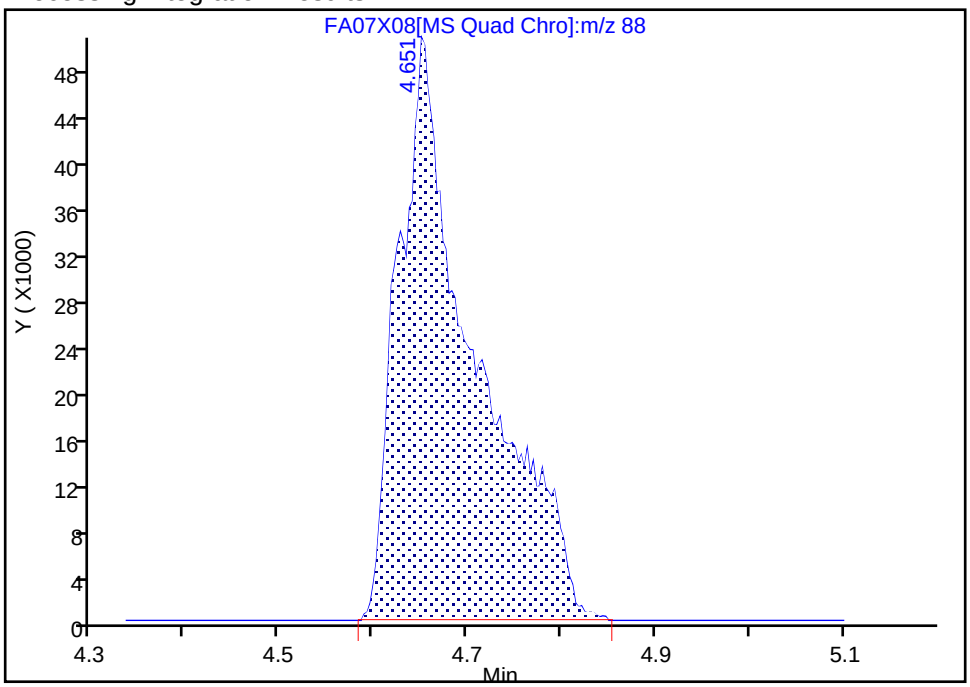
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X08.D
Injection Date: 07-Apr-2025 17:00:24 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: knk41612 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

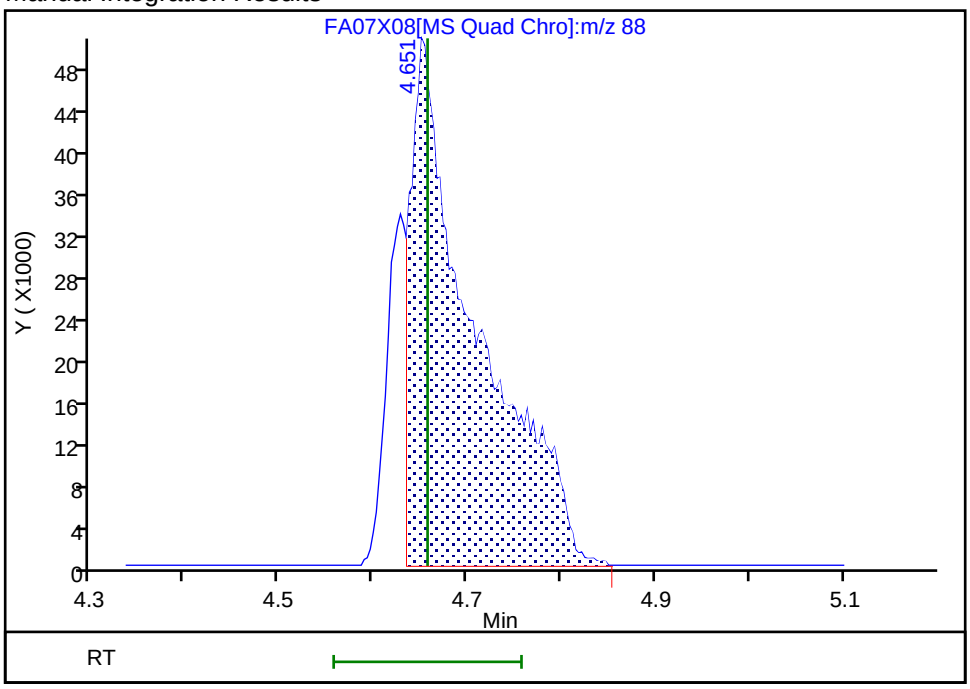
Processing Integration Results

RT: 4.65
Area: 284715
Amount: 1586.0556
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 240853
Amount: 1374.6447
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:46:54 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D
Lims ID: IC v300
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 07-Apr-2025 17:19:49 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v300
Misc. Info.: 410-0143206-010
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:58 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: JS6E Date: 07-Apr-2025 17:53:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.005	1.011	-0.006	99	3342877	300.0	268.9	
2 Chloromethane	50	1.114	1.117	-0.003	99	3587450	300.0	256.2	M
4 Vinyl chloride	62	1.172	1.175	-0.003	98	3163711	300.0	259.7	
3 Butadiene	39	1.182	1.182	0.000	93	3428129	300.0	240.3	
5 Bromomethane	94	1.355	1.358	-0.003	91	2197187	300.0	254.9	
6 Chloroethane	64	1.365	1.371	-0.006	99	1828398	300.0	255.0	
7 Pentane	43	1.510	1.519	-0.009	96	3040491	300.0	243.2	
8 Dichlorofluoromethane	67	1.539	1.542	-0.003	97	5541610	300.0	267.9	
9 Trichlorofluoromethane	101	1.555	1.558	-0.003	98	4234411	300.0	268.9	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.725	1.728	-0.003	92	2765381	300.0	258.9	
11 Acrolein	56	1.738	1.741	-0.003	100	8881683	2927.4	3161.6	
12 1,1-Dichloroethene	96	1.818	1.809	0.009	98	1927438	300.0	259.5	
13 Acetone	58	1.828	1.844	-0.016	99	899819	600.0	567.7	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.860	1.863	-0.003	93	2250209	300.0	259.5	
15 Iodomethane	142	1.928	1.928	0.000	99	3984206	300.0	260.3	
16 Isopropyl alcohol	45	1.937	1.944	-0.007	99	2266547	1500.0	1661.3	
17 Carbon disulfide	76	2.014	1.966	0.048	99	6980106	300.0	271.2	M
19 Methyl acetate	43	2.060	2.063	-0.003	97	3056919	300.0	262.2	M
18 3-Chloro-1-propene	41	2.063	2.066	-0.003	88	3450228	300.0	261.2	
20 Methylene Chloride	84	2.182	2.175	0.007	91	2381747	300.0	262.2	
* 21 t-Butyl alcohol-d10 (IS)	65	2.207	2.275	-0.068	76	864999	250.0	250.0	M
22 2-Methyl-2-propanol	59	2.362	2.336	0.026	100	5046714	1500.0	1474.7	
23 Acrylonitrile	53	2.346	2.352	-0.006	100	4252870	750.0	661.9	
24 trans-1,2-Dichloroethene	96	2.368	2.374	-0.006	99	2196547	300.0	259.7	
25 Methyl tert-butyl ether	73	2.387	2.403	-0.016	93	7245962	300.0	262.9	
26 Hexane	57	2.590	2.593	-0.003	93	2652932	300.0	272.5	
27 1,1-Dichloroethane	63	2.712	2.718	-0.006	96	3913898	300.0	265.8	
28 Isopropyl ether	45	2.770	2.767	0.003	94	6613294	300.0	272.9	
29 2-Chloro-1,3-butadiene	53	2.767	2.773	-0.006	92	3503427	300.0	267.6	
30 Tert-butyl ethyl ether	59	3.056	3.053	0.003	98	7350871	300.0	274.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.169	3.136	0.033	99	4663275	600.0	588.6	M
32 cis-1,2-Dichloroethene	96	3.166	3.169	-0.003	82	2540943	300.0	260.3	
33 2,2-Dichloropropane	77	3.195	3.191	0.003	88	3730843	300.0	269.3	
34 Propionitrile	54	3.220	3.220	0.000	99	4043744	1500.0	1586.9	
35 Methacrylonitrile	67	3.336	3.336	0.000	94	3927606	750.0	738.5	
37 Tetrahydrofuran	71	3.365	3.336	0.029	87	3669937	1500.0	1607.6	
36 Chlorobromomethane	128	3.355	3.352	0.003	94	1189101	300.0	254.8	
39 Chloroform	83	3.445	3.448	-0.003	93	3949251	300.0	269.7	
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	91	384816	50.0	45.5	
41 1,1,1-Trichloroethane	97	3.571	3.574	-0.003	98	3715767	300.0	278.5	
42 Cyclohexane	56	3.635	3.625	0.010	91	4055326	300.0	267.8	
43 1,1-Dichloropropene	75	3.690	3.690	0.000	97	3246896	300.0	297.0	
44 Carbon tetrachloride	117	3.693	3.696	-0.003	96	3151072	300.0	294.9	
45 Isobutyl alcohol	41	3.831	3.808	0.023	94	3180842	3750.0	3797.7	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.834	3.831	0.003	87	96649	50.0	47.6	
47 Benzene	78	3.847	3.847	0.000	97	9296645	300.0	296.5	
48 1,2-Dichloroethane	62	3.895	3.902	-0.007	98	3065401	300.0	290.2	
49 Tert-amyl methyl ether	73	3.982	3.979	0.003	98	7197473	300.0	276.5	
* 50 Fluorobenzene (IS)	96	4.098	4.098	0.000	99	1504366	50.0	50.0	
51 n-Heptane	43	4.111	4.104	0.007	90	2124457	300.0	278.7	
52 n-Butanol	56	4.355	4.355	0.000	89	2781299	3750.0	3943.2	
53 Trichloroethene	95	4.394	4.394	0.000	99	2434539	300.0	311.5	
54 Methylcyclohexane	83	4.584	4.583	0.001	91	4150092	300.0	278.6	
55 1,2-Dichloropropane	63	4.606	4.596	0.010	96	2206202	300.0	306.7	
56 2-ethoxy-2-methyl butane	87	4.629	4.625	0.004	94	3796306	300.0	288.8	
57 1,4-Dioxane	88	4.654	4.657	-0.003	87	705645	3750.0	3974.2	M
58 Methyl methacrylate	69	4.677	4.670	0.007	89	2056642	300.0	314.9	
59 Dibromomethane	93	4.674	4.673	0.001	97	1485752	300.0	301.6	
60 Dichlorobromomethane	83	4.838	4.831	0.007	99	2877039	300.0	338.9	
61 2-Nitropropane	41	5.021	5.011	0.010	98	5816374	1500.0	1830.2	
62 2-Chloroethyl vinyl ether	63	5.085	5.082	0.003	92	1455439	300.0	317.0	
63 cis-1,3-Dichloropropene	75	5.204	5.197	0.007	95	3451025	300.0	349.0	
64 4-Methyl-2-pentanone (MIBK)	43	5.346	5.339	0.007	97	8121838	600.0	591.9	
$ 65 Toluene-d8 (Surr)	98	5.423	5.416	0.007	93	1395845	50.0	51.3	
66 Toluene	92	5.481	5.474	0.007	98	5362683	300.0	304.1	
67 trans-1,3-Dichloropropene	75	5.683	5.680	0.003	92	2953449	300.0	336.7	
68 Ethyl methacrylate	69	5.747	5.741	0.006	88	3225424	300.0	297.1	
69 1,1,2-Trichloroethane	97	5.831	5.824	0.007	91	1817815	300.0	310.5	
70 Tetrachloroethene	166	5.876	5.873	0.003	96	2272089	300.0	307.4	
71 1,3-Dichloropropane	76	5.944	5.937	0.007	91	3099359	300.0	316.7	
72 2-Hexanone	43	5.998	5.995	0.003	96	5726083	600.0	561.5	
73 Chlorodibromomethane	129	6.091	6.091	0.000	90	2096234	300.0	360.2	
S 74 1,2-Dichloroethene, Total	100				0			520.0	
75 Ethylene Dibromide	107	6.162	6.159	0.003	99	1969655	300.0	306.5	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.480	0.001	84	1023601	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	93	5629528	300.0	296.4	
78 1-Chlorohexane	91	6.509	6.506	0.003	97	2662368	300.0	282.7	
79 1,1,1,2-Tetrachloroethane	131	6.567	6.567	0.000	95	2266519	300.0	305.7	
80 Ethylbenzene	91	6.574	6.570	0.004	98	9722347	300.0	274.3	ea
81 m-Xylene & p-Xylene	106	6.661	6.657	0.004	92	7905688	600.0	570.7	a
82 o-Xylene	106	6.895	6.895	0.000	96	4154439	300.0	282.2	
83 Styrene	104	6.908	6.908	0.000	94	5997919	300.0	278.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.011	7.008	0.003	96	1424189	300.0	346.5	
85 Isopropylbenzene	105	7.117	7.120	-0.003	97	9128930	300.0	259.5	e
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	506861	50.0	46.1	
87 Bromobenzene	156	7.291	7.291	0.000	95	2245155	300.0	306.8	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	94	3355980	300.0	311.4	
89 trans-1,4-Dichloro-2-butene	53	7.329	7.326	0.003	87	2692208	750.0	834.4	
90 1,2,3-Trichloropropane	110	7.333	7.332	0.001	85	1045978	300.0	292.6	
91 N-Propylbenzene	91	7.358	7.361	-0.003	97	9629886	300.0	253.8	e
92 2-Chlorotoluene	126	7.407	7.406	0.001	96	2520209	300.0	315.7	
93 1,3,5-Trimethylbenzene	105	7.464	7.464	0.000	97	8312004	300.0	291.4	e
94 4-Chlorotoluene	126	7.477	7.474	0.003	99	2262680	300.0	299.9	
95 tert-Butylbenzene	134	7.641	7.638	0.003	92	1961018	300.0	341.3	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	96	8221799	300.0	286.2	eMa
97 sec-Butylbenzene	105	7.757	7.760	-0.003	96	9307094	300.0	274.1	e
98 1,3-Dichlorobenzene	146	7.821	7.818	0.003	97	4345649	300.0	303.2	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	94	8316491	300.0	279.5	e
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	94	555373	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	94	4337510	300.0	300.9	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	94	8351234	300.0	278.8	e
103 Benzyl chloride	91	7.937	7.937	0.000	99	7098860	300.0	334.5	e
104 1,3-Diethylbenzene	119	7.998	7.995	0.003	94	5292475	300.0	309.1	
105 p-Diethylbenzene	119	8.050	8.046	0.004	93	5422061	300.0	301.8	
106 n-Butylbenzene	92	8.062	8.059	0.003	97	4244044	300.0	298.1	
107 1,2-Dichlorobenzene	146	8.066	8.066	0.000	97	4220923	300.0	287.2	
108 o-diethylbenzene	119	8.098	8.098	0.000	96	4665858	300.0	321.0	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	86	1338202	300.0	344.9	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	3180089	300.0	306.0	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	94	3080043	300.0	295.8	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	98	1157948	300.0	331.4	
113 Naphthalene	128	9.011	9.014	-0.003	99	9600204	300.0	216.7	e
114 1,2,3-Trichlorobenzene	180	9.124	9.123	0.001	95	3071536	300.0	295.7	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	95	6567156	300.0	285.7	
S 139 1,3-Dichloropropene, Total	100				0			685.7	
S 140 Xylenes, Total	106				0			852.9	
S 141 Total Diethylbenzene	1				0			931.9	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00230	Amount Added:	15.00	Units: uL	
MSV_CCV_GASES_01005	Amount Added:	7.50	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	12.00	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	15.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:23:58 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Injection Date: 07-Apr-2025 17:19:49 Instrument ID: 15830 Operator ID: knk41612

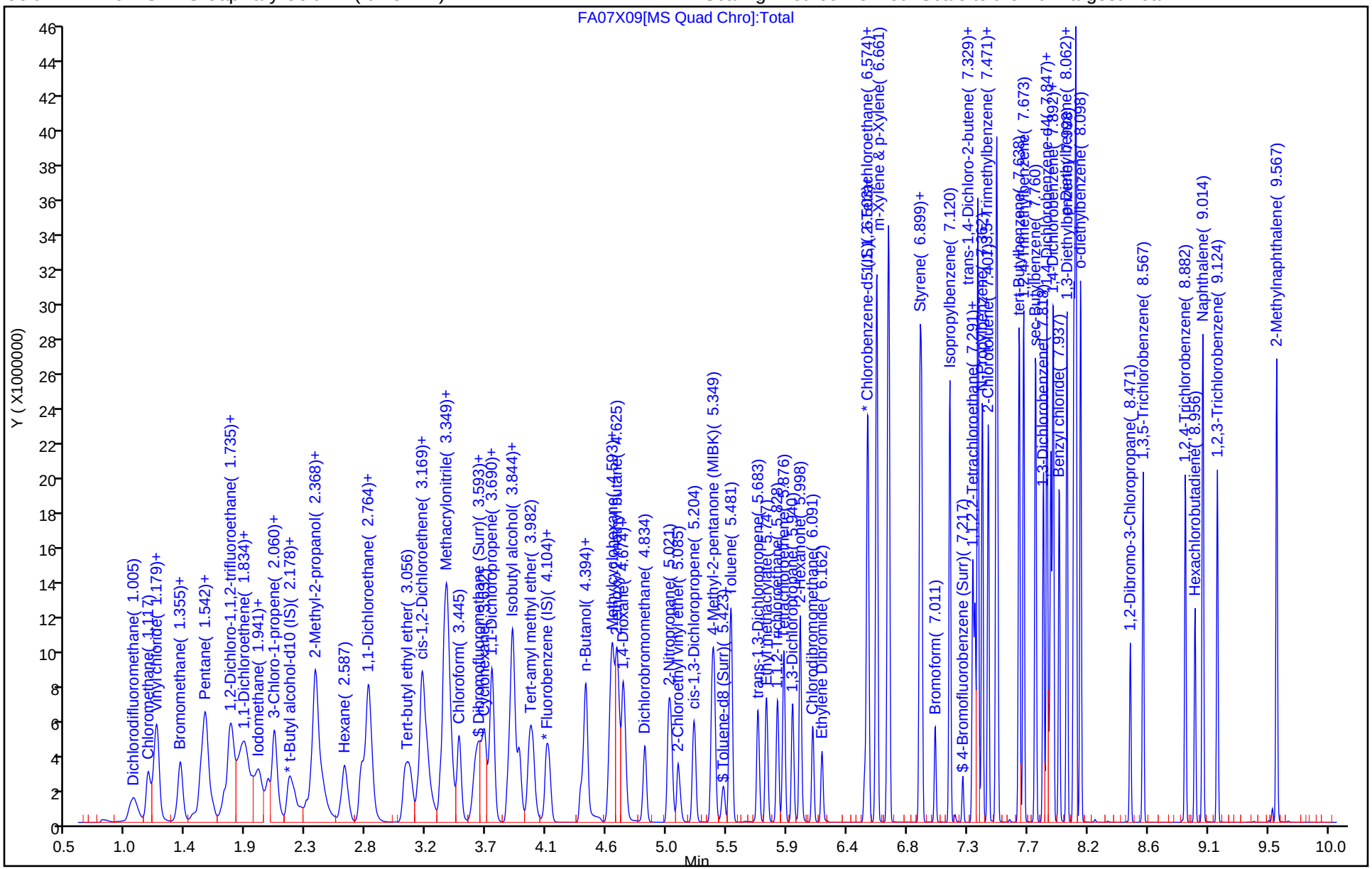
Lims ID: IC v300 Worklist Smp#: 10

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 59

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

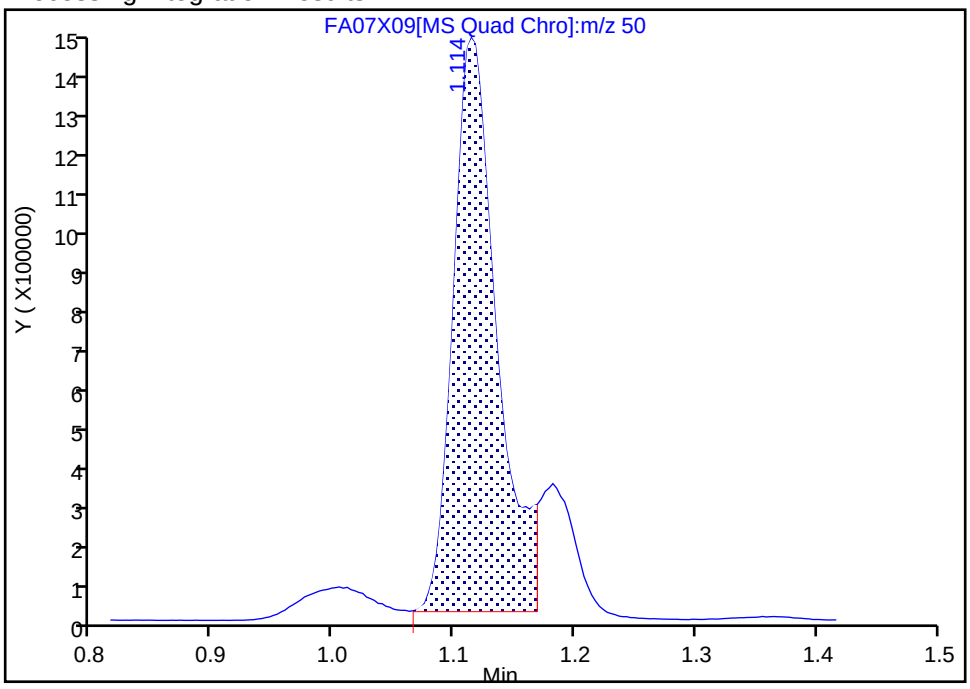
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D
Injection Date: 07-Apr-2025 17:19:49 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

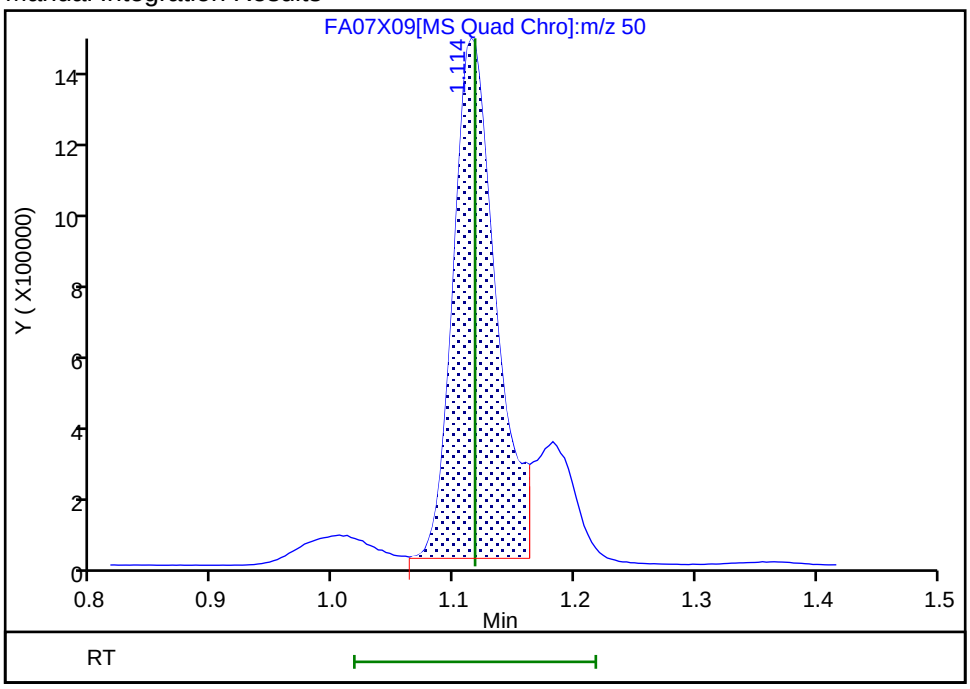
Processing Integration Results

RT: 1.11
Area: 3680282
Amount: 248.9946
Amount Units: ug/l



Manual Integration Results

RT: 1.11
Area: 3587450
Amount: 256.1841
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:47:52 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

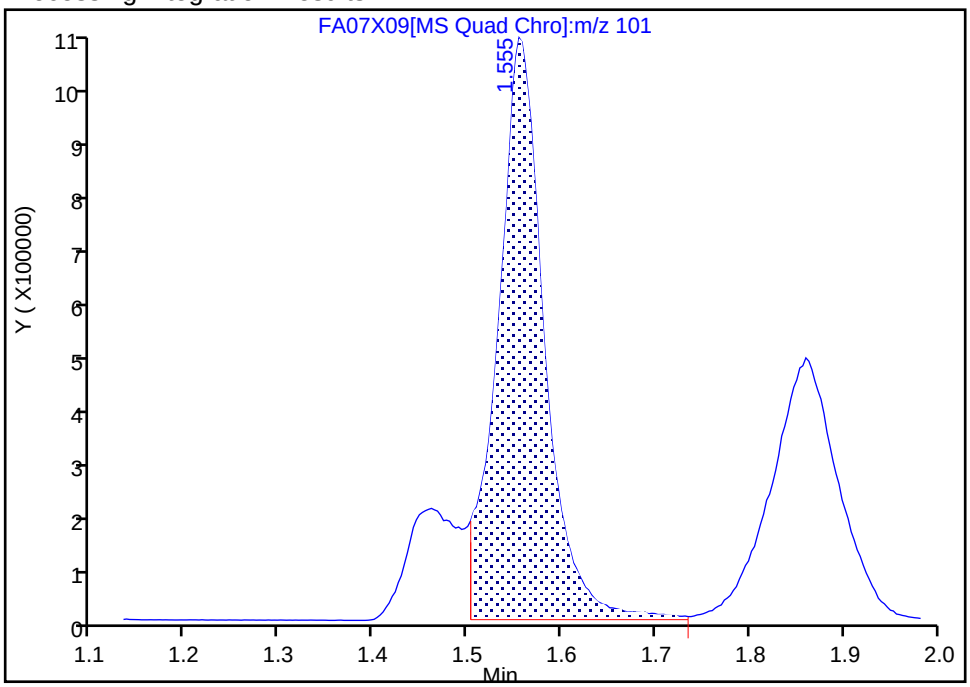
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D
Injection Date: 07-Apr-2025 17:19:49 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

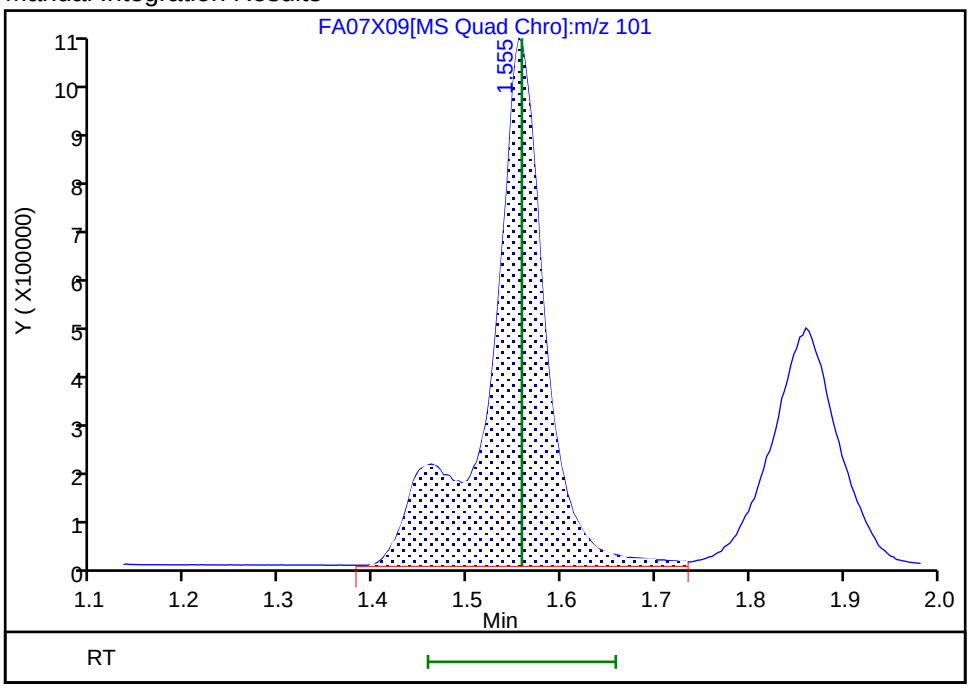
Processing Integration Results

RT: 1.55
Area: 3470012
Amount: 215.4642
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 4234411
Amount: 268.9020
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:48:08 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

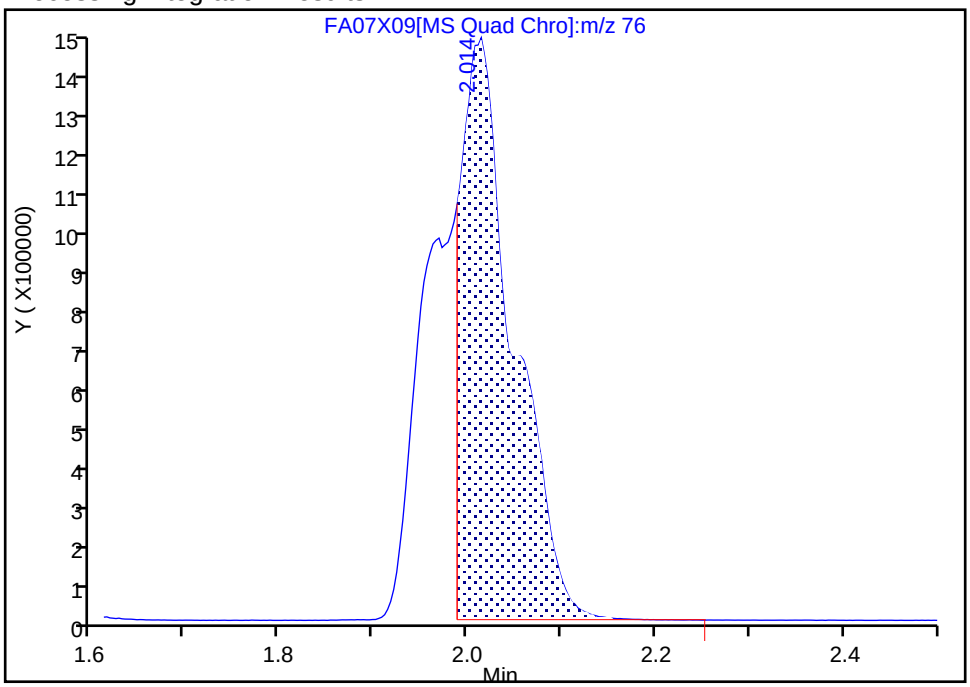
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D
Injection Date: 07-Apr-2025 17:19:49 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

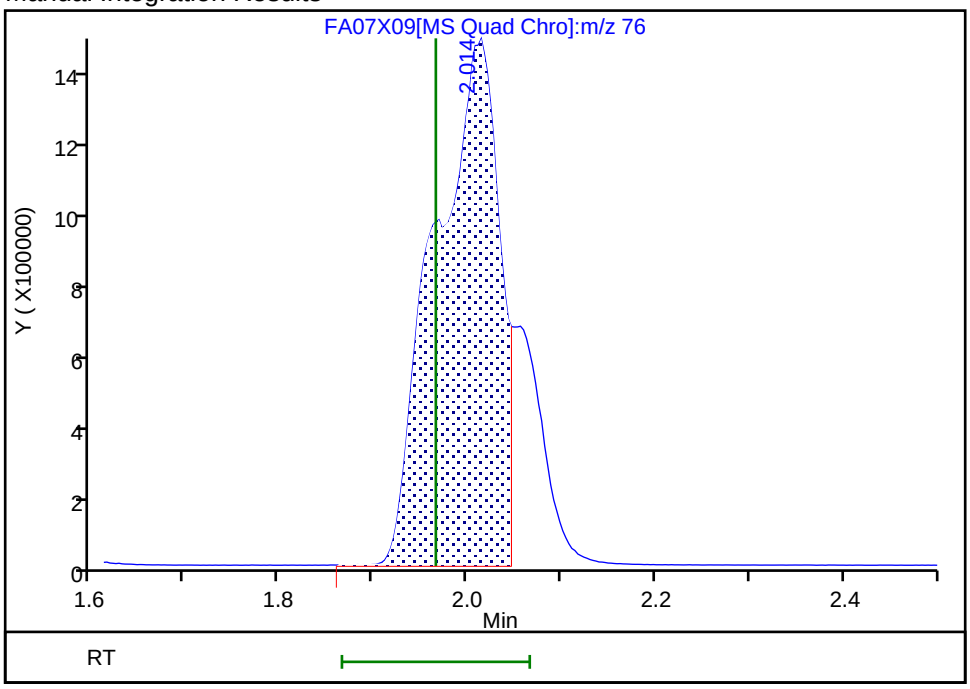
Processing Integration Results

RT: 2.01
Area: 5655845
Amount: 230.2517
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 6980106
Amount: 271.1944
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:49:19 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

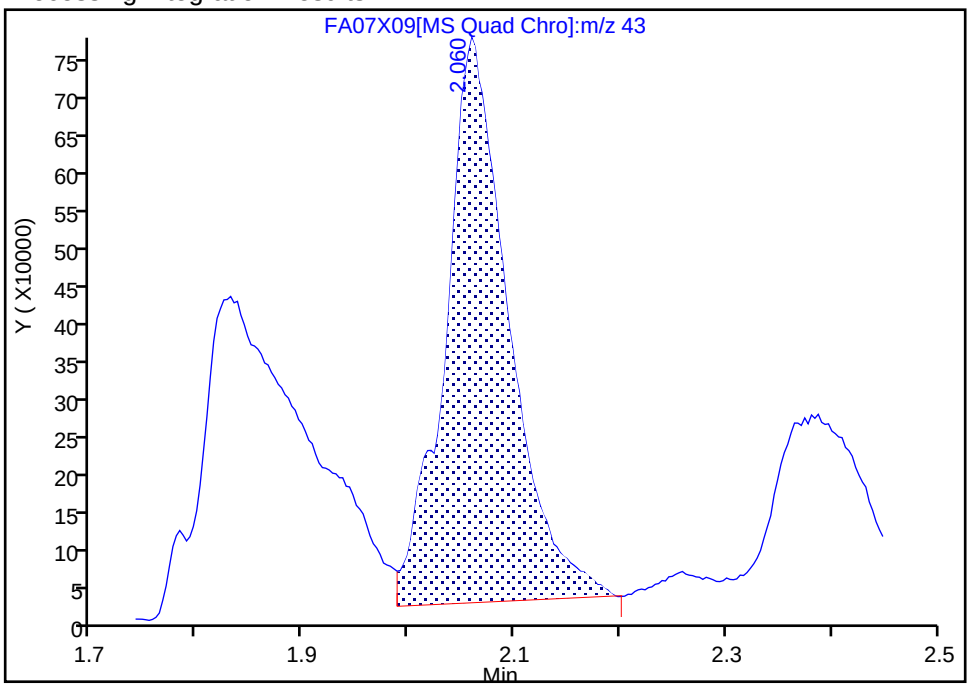
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D
Injection Date: 07-Apr-2025 17:19:49 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: knk41612 ALS Bottle#: 59 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

19 Methyl acetate, CAS: 79-20-9

Signal: 1

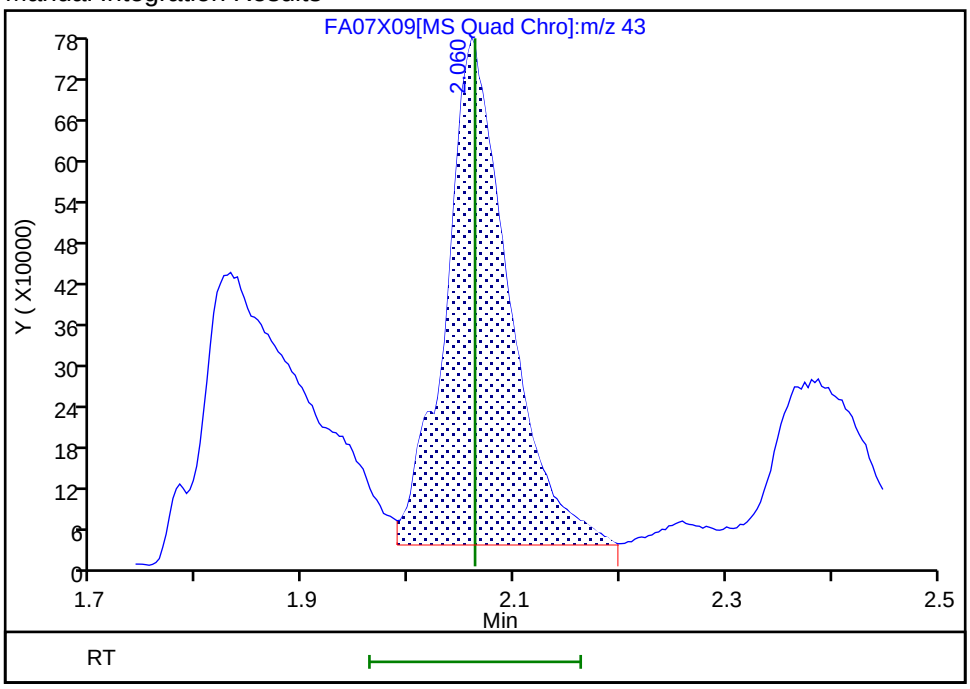
Processing Integration Results

RT: 2.06
Area: 3140601
Amount: 272.5838
Amount Units: ug/l



Manual Integration Results

RT: 2.06
Area: 3056919
Amount: 262.2260
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:50:03 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

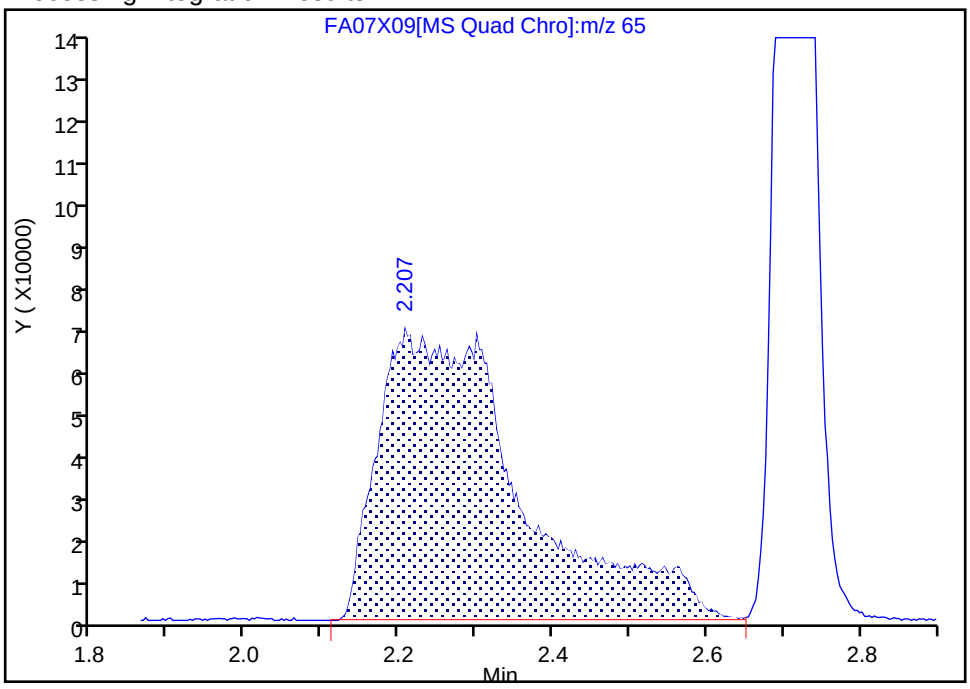
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D				
Injection Date:	07-Apr-2025 17:19:49	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	59	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

* 21 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

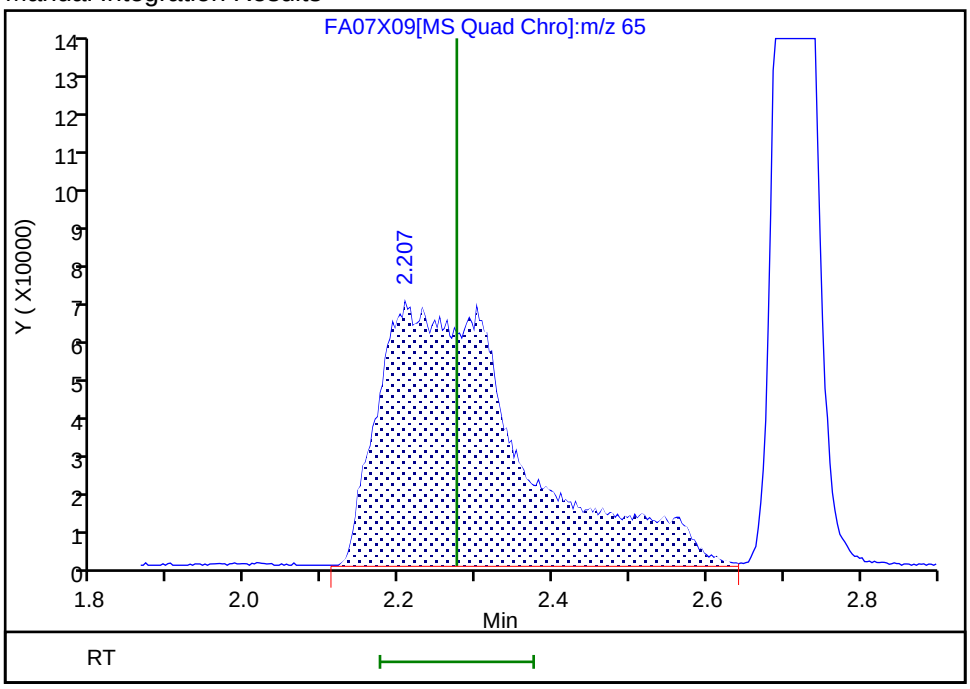
Processing Integration Results

RT: 2.21
Area: 865333
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 2.21
Area: 864999
Amount: 250.0000
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:54:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

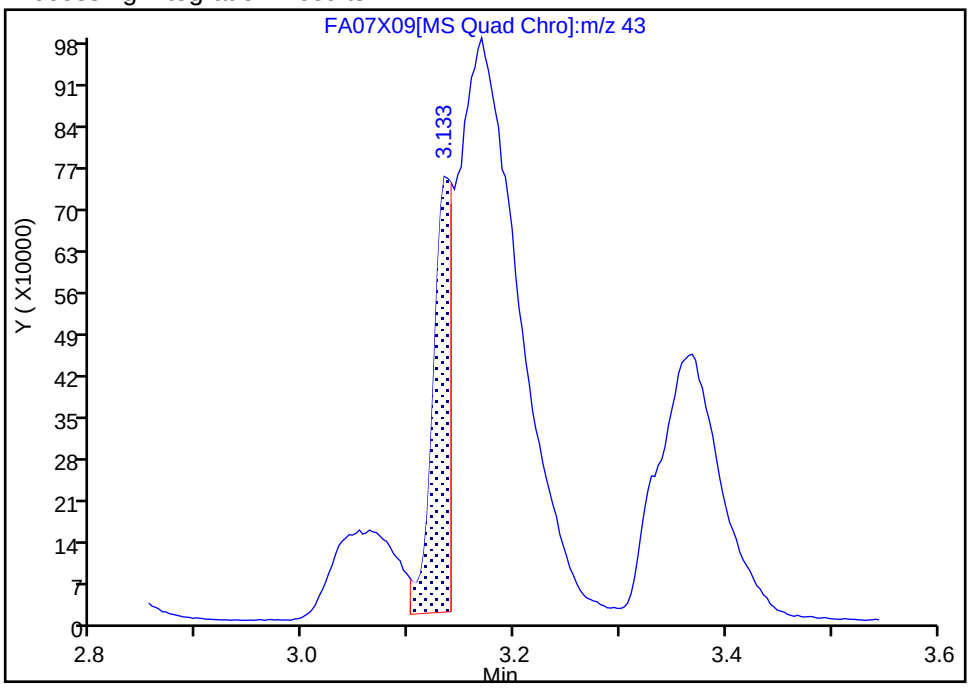
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D				
Injection Date:	07-Apr-2025 17:19:49	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	59	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

31 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

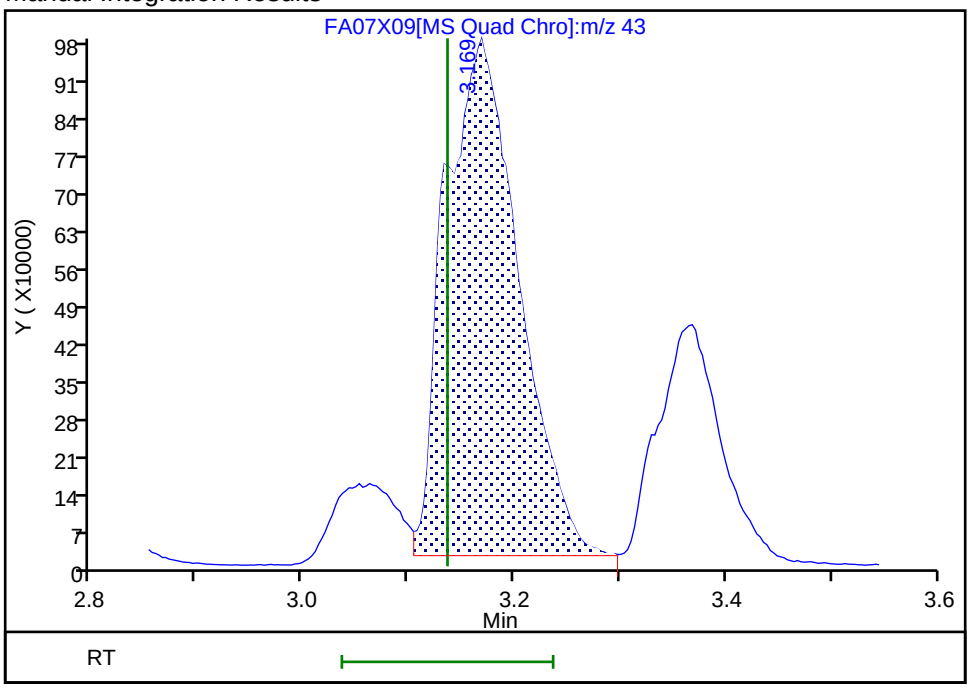
Processing Integration Results

RT: 3.13
Area: 901109
Amount: 125.9995
Amount Units: ug/l



Manual Integration Results

RT: 3.17
Area: 4663275
Amount: 588.6261
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:50:30 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

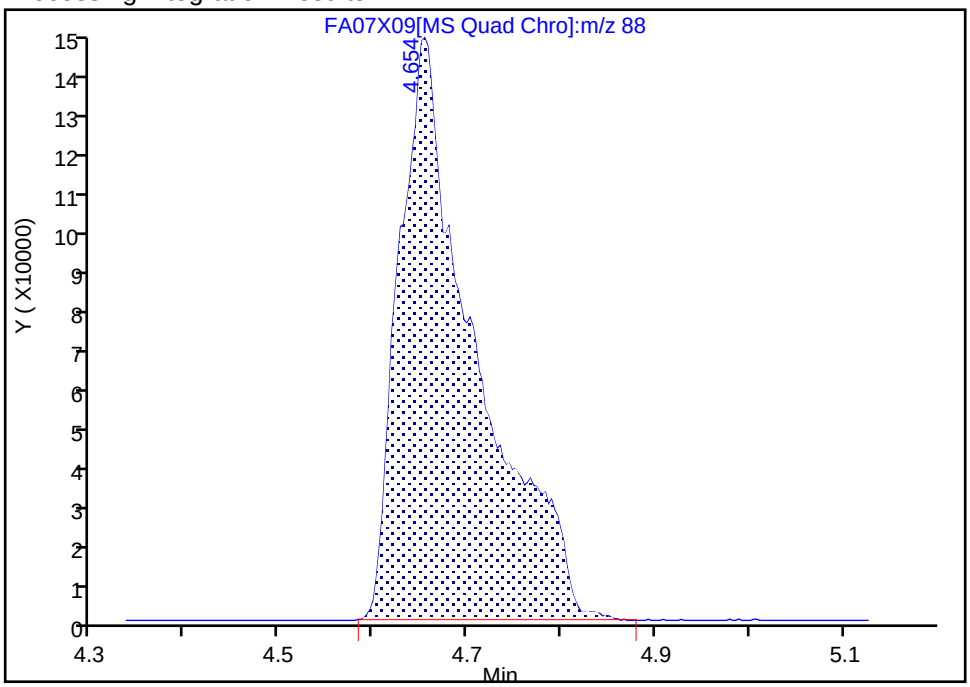
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D				
Injection Date:	07-Apr-2025 17:19:49	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	59	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

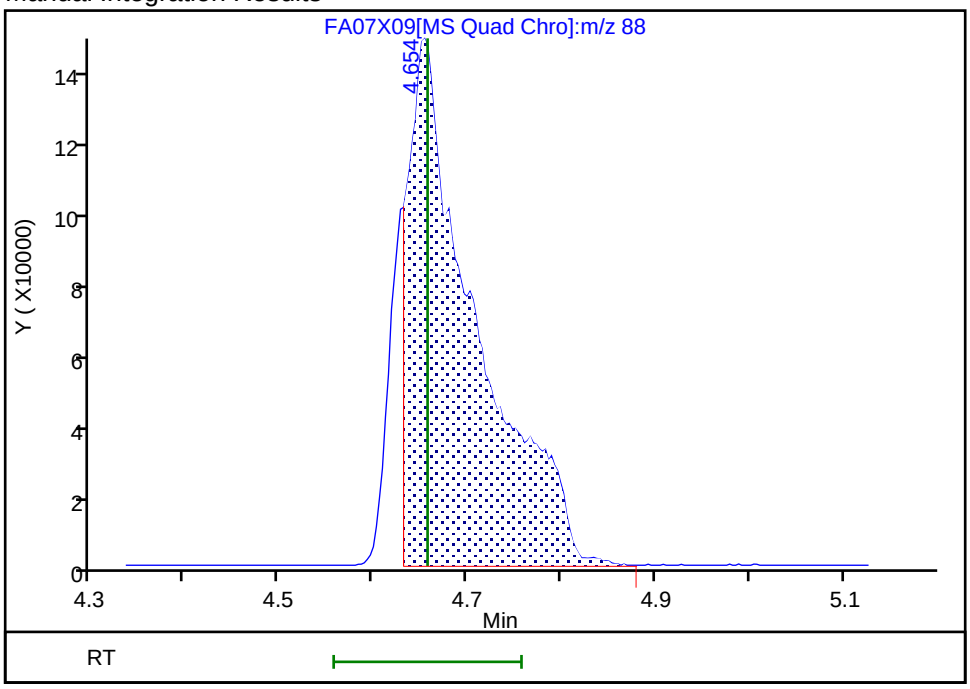
Processing Integration Results

RT: 4.65
Area: 799368
Amount: 4407.7210
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 705645
Amount: 3974.2187
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:51:02 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

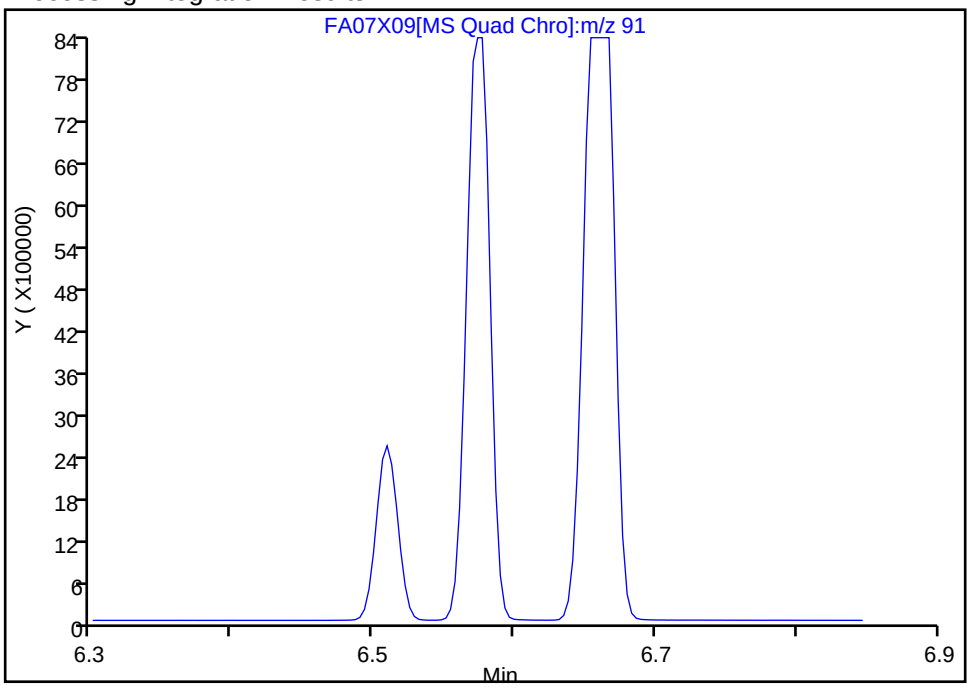
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D				
Injection Date:	07-Apr-2025 17:19:49	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	59	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

80 Ethylbenzene, CAS: 100-41-4

Signal: 1

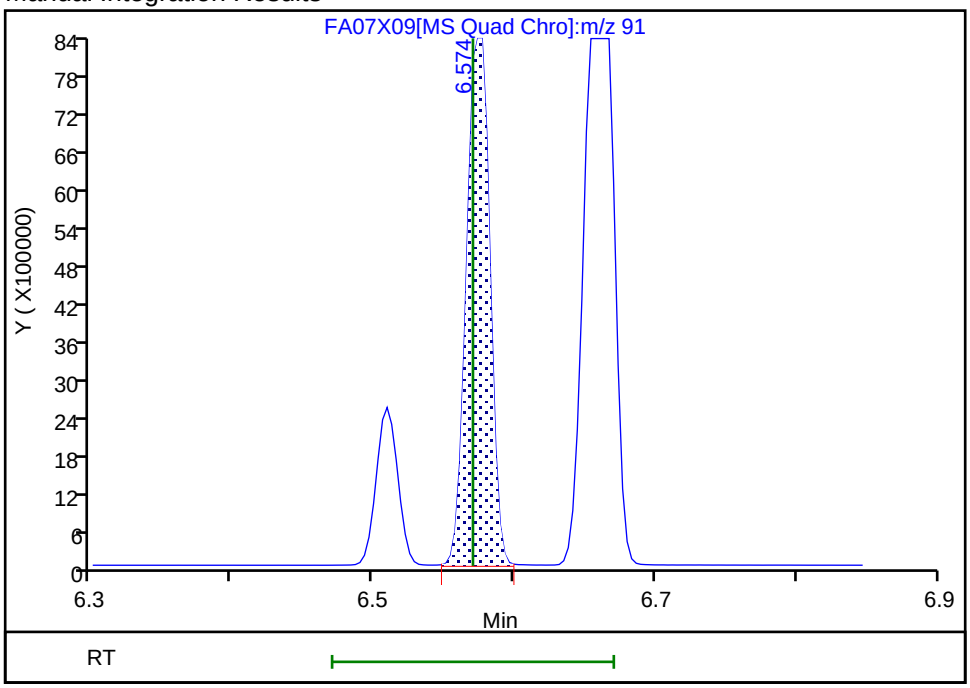
Not Detected
Expected RT: 6.57

Processing Integration Results



Manual Integration Results

RT: 6.57
Area: 9722347
Amount: 274.2583
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:51:16 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

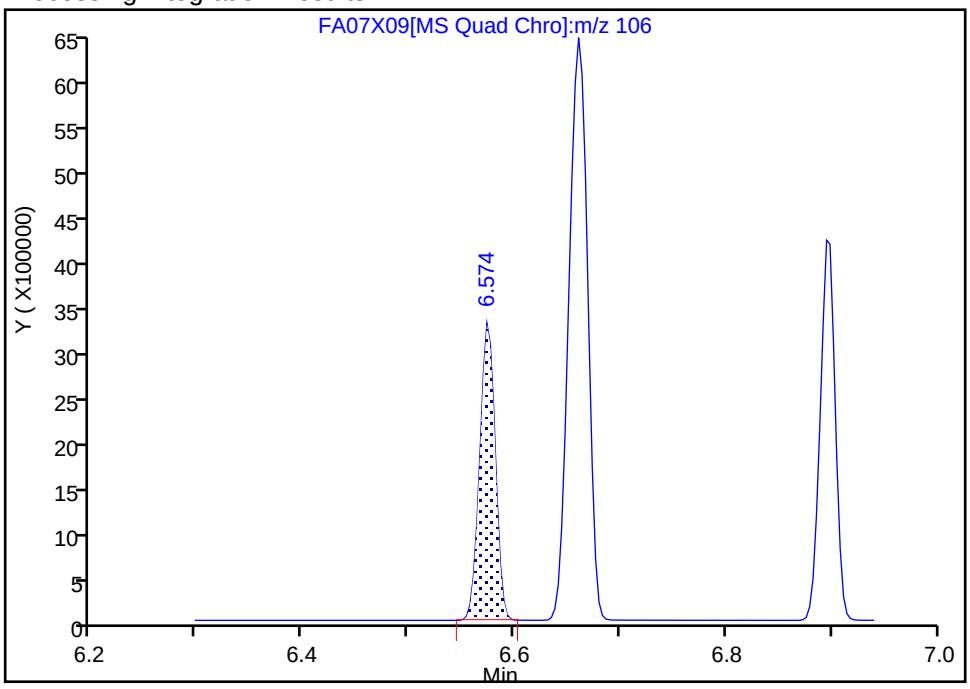
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D				
Injection Date:	07-Apr-2025 17:19:49	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	59	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

81 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

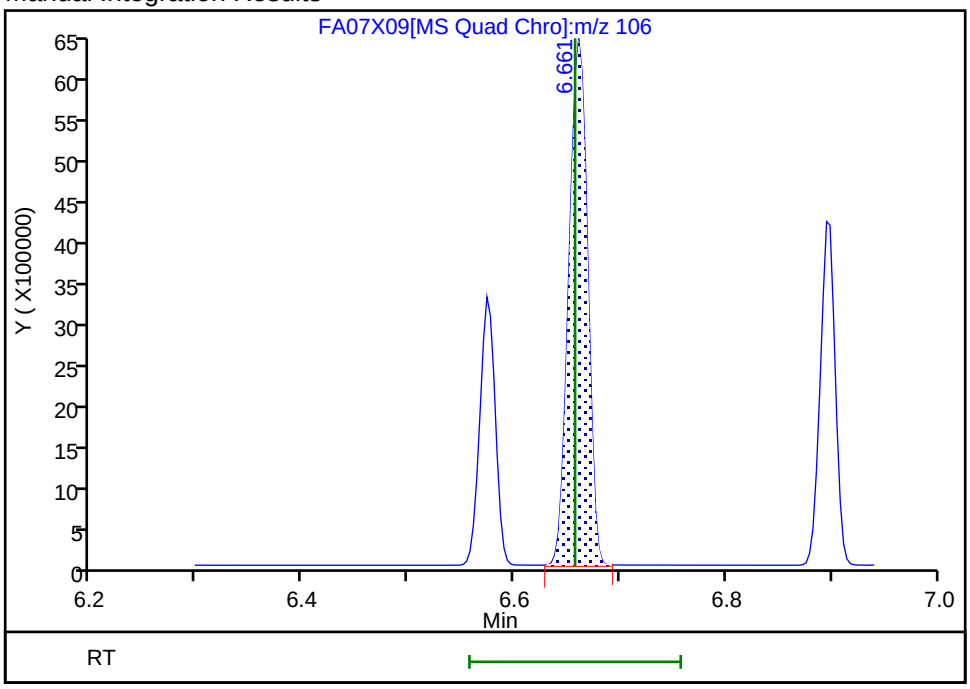
Processing Integration Results

RT: 6.57
Area: 3325308
Amount: 269.0508
Amount Units: ug/l



Manual Integration Results

RT: 6.66
Area: 7905688
Amount: 570.6834
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:51:44 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

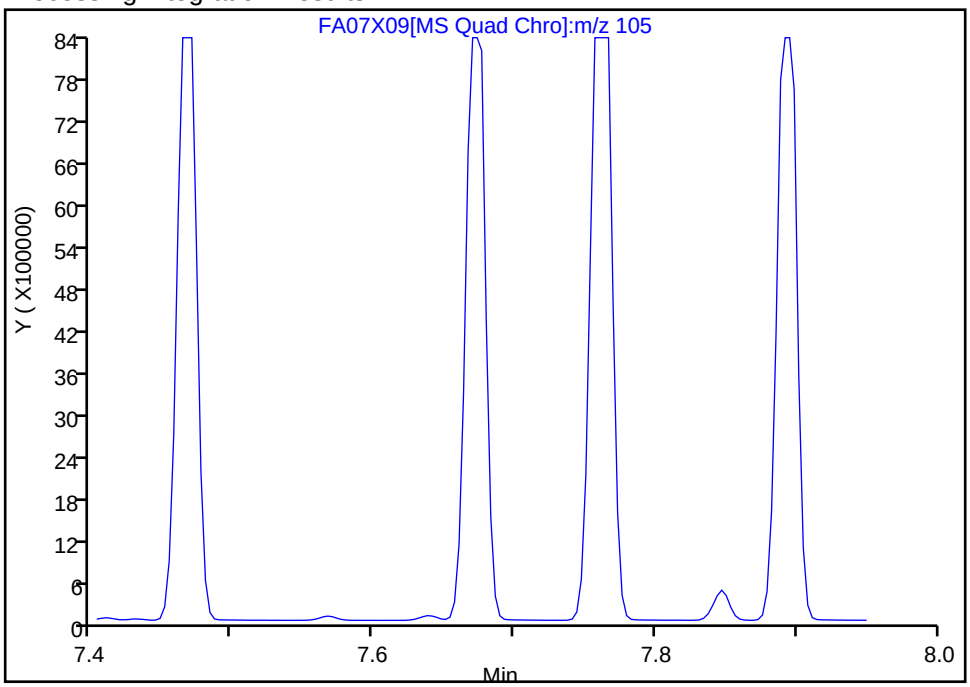
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D				
Injection Date:	07-Apr-2025 17:19:49	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	59	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

96 1,2,4-Trimethylbenzene, CAS: 95-63-6

Signal: 1

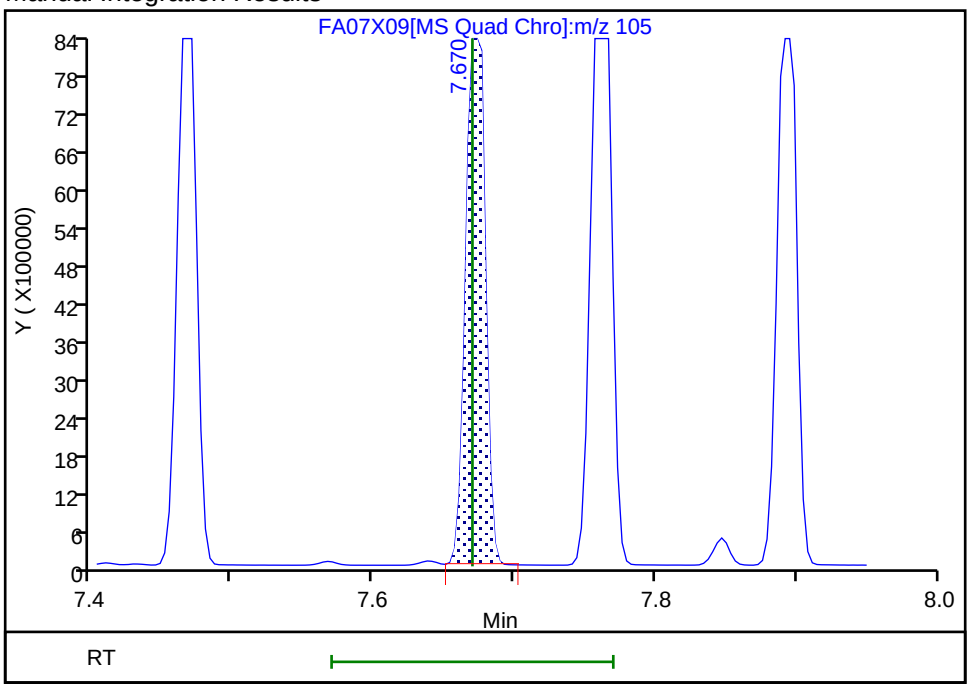
Not Detected
Expected RT: 7.67

Processing Integration Results



Manual Integration Results

RT: 7.67
Area: 8221799
Amount: 286.1898
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 17:52:50 -04:00:00 (UTC)
Audit Action: Assigned New Baseline 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

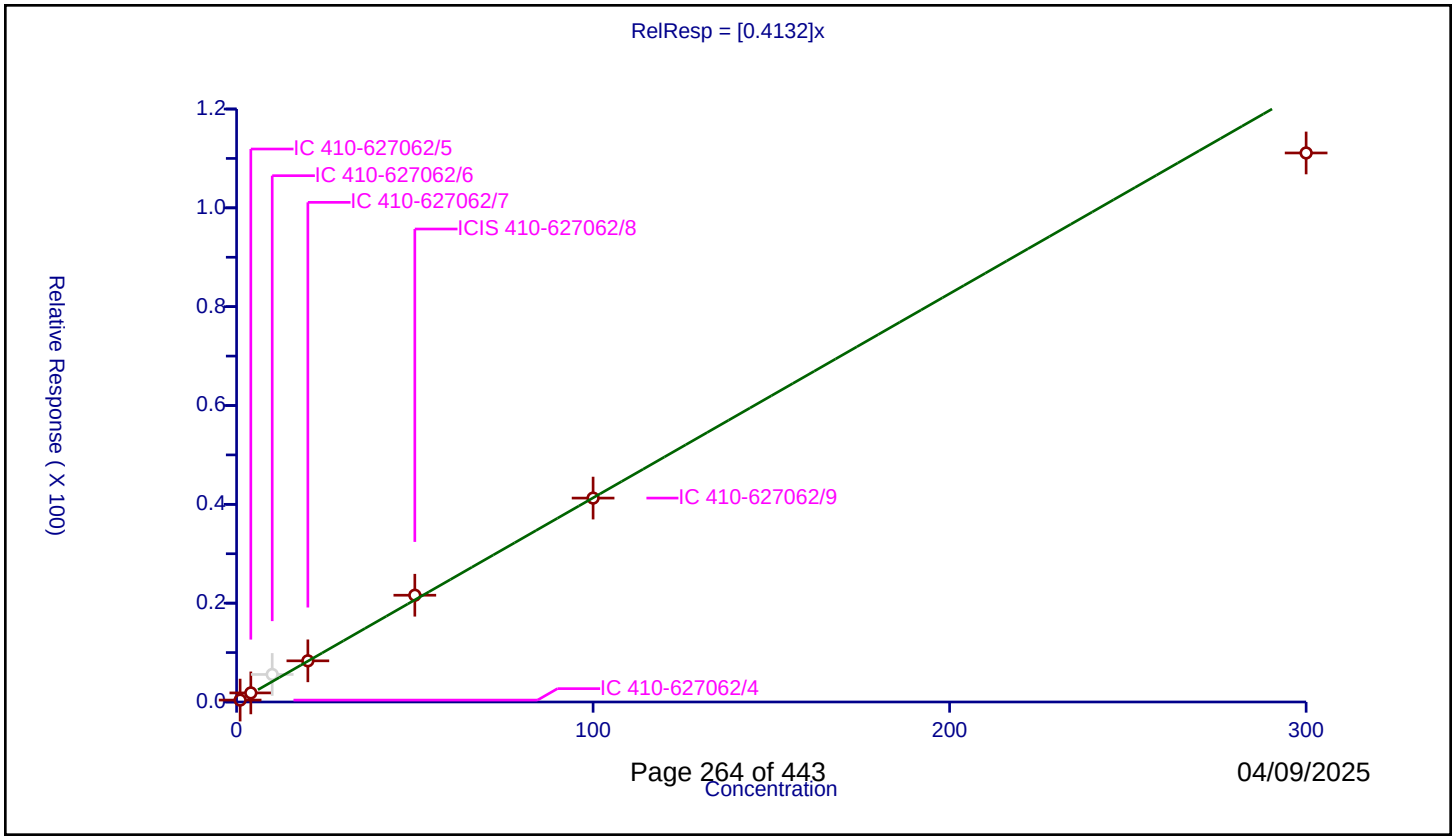
Curve Coefficients

Intercept:	0
Slope:	0.4132

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.387715	50.0	1194434.0	0.387715	Y
2	IC 410-627062/5	4.0	1.838342	50.0	1160856.0	0.459585	Y
3	IC 410-627062/6	10.0	5.571176	50.0	1192854.0	0.557118	N
4	IC 410-627062/7	20.0	8.331701	50.0	1250579.0	0.416585	Y
5	ICIS 410-627062/8	50.0	21.605295	50.0	1288050.0	0.432106	Y
6	IC 410-627062/9	100.0	41.264131	50.0	1374454.0	0.412641	Y
7	IC 410-627062/10	300.0	111.105841	50.0	1504366.0	0.370353	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

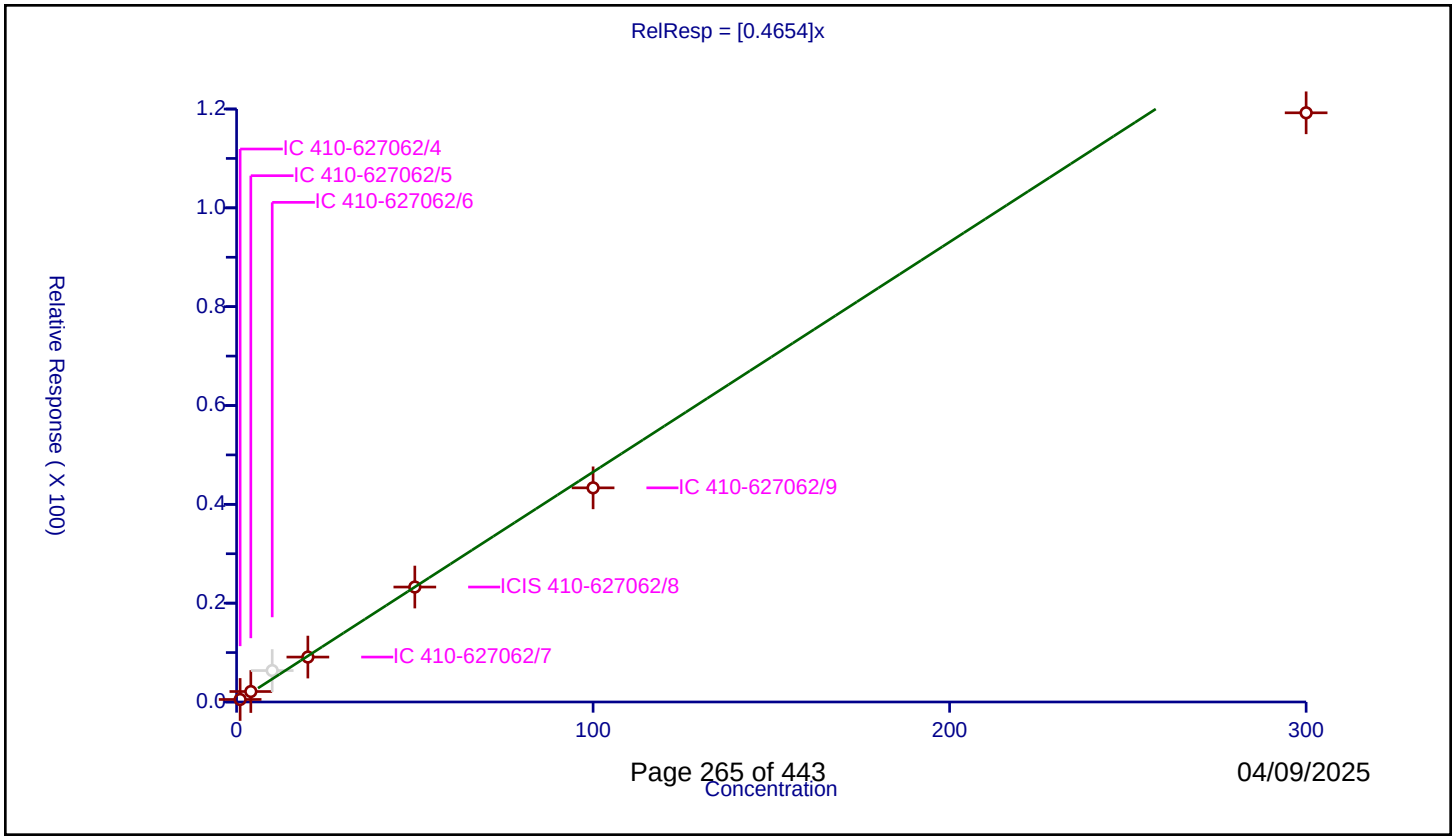
Curve Coefficients

Intercept:	0
Slope:	0.4654

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.512084	50.0	1194434.0	0.512084	Y
2	IC 410-627062/5	4.0	2.119514	50.0	1160856.0	0.529878	Y
3	IC 410-627062/6	10.0	6.359538	50.0	1192854.0	0.635954	N
4	IC 410-627062/7	20.0	9.090469	50.0	1250579.0	0.454523	Y
5	ICIS 410-627062/8	50.0	23.263771	50.0	1288050.0	0.465275	Y
6	IC 410-627062/9	100.0	43.334299	50.0	1374454.0	0.433343	Y
7	IC 410-627062/10	300.0	119.234614	50.0	1504366.0	0.397449	Y



Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

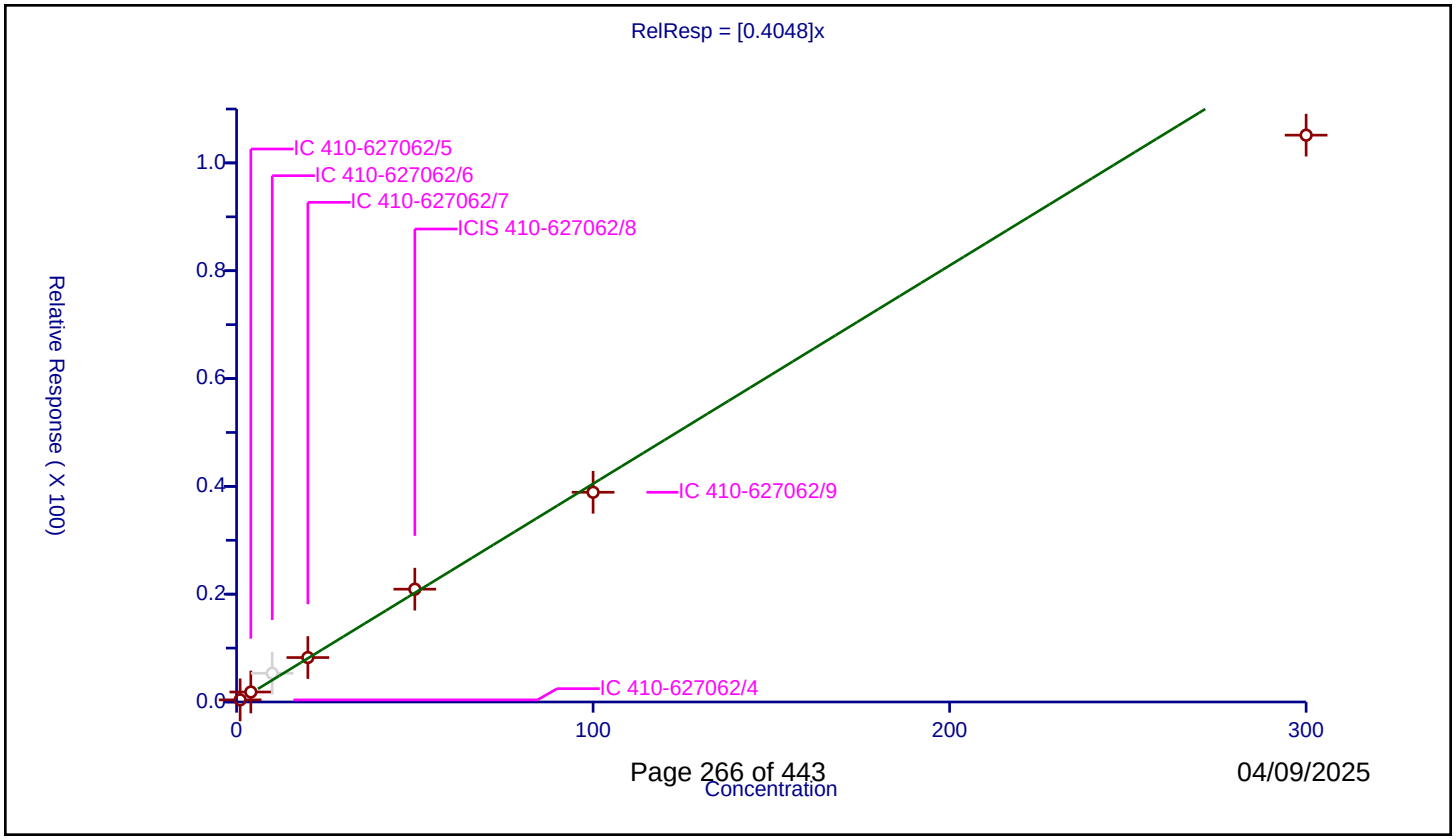
Curve Coefficients

Intercept:	0
Slope:	0.4048

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.395376	50.0	1194434.0	0.395376	Y
2	IC 410-627062/5	4.0	1.853632	50.0	1160856.0	0.463408	Y
3	IC 410-627062/6	10.0	5.329152	50.0	1192854.0	0.532915	N
4	IC 410-627062/7	20.0	8.243662	50.0	1250579.0	0.412183	Y
5	ICIS 410-627062/8	50.0	20.929467	50.0	1288050.0	0.418589	Y
6	IC 410-627062/9	100.0	38.902357	50.0	1374454.0	0.389024	Y
7	IC 410-627062/10	300.0	105.150974	50.0	1504366.0	0.350503	Y



Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

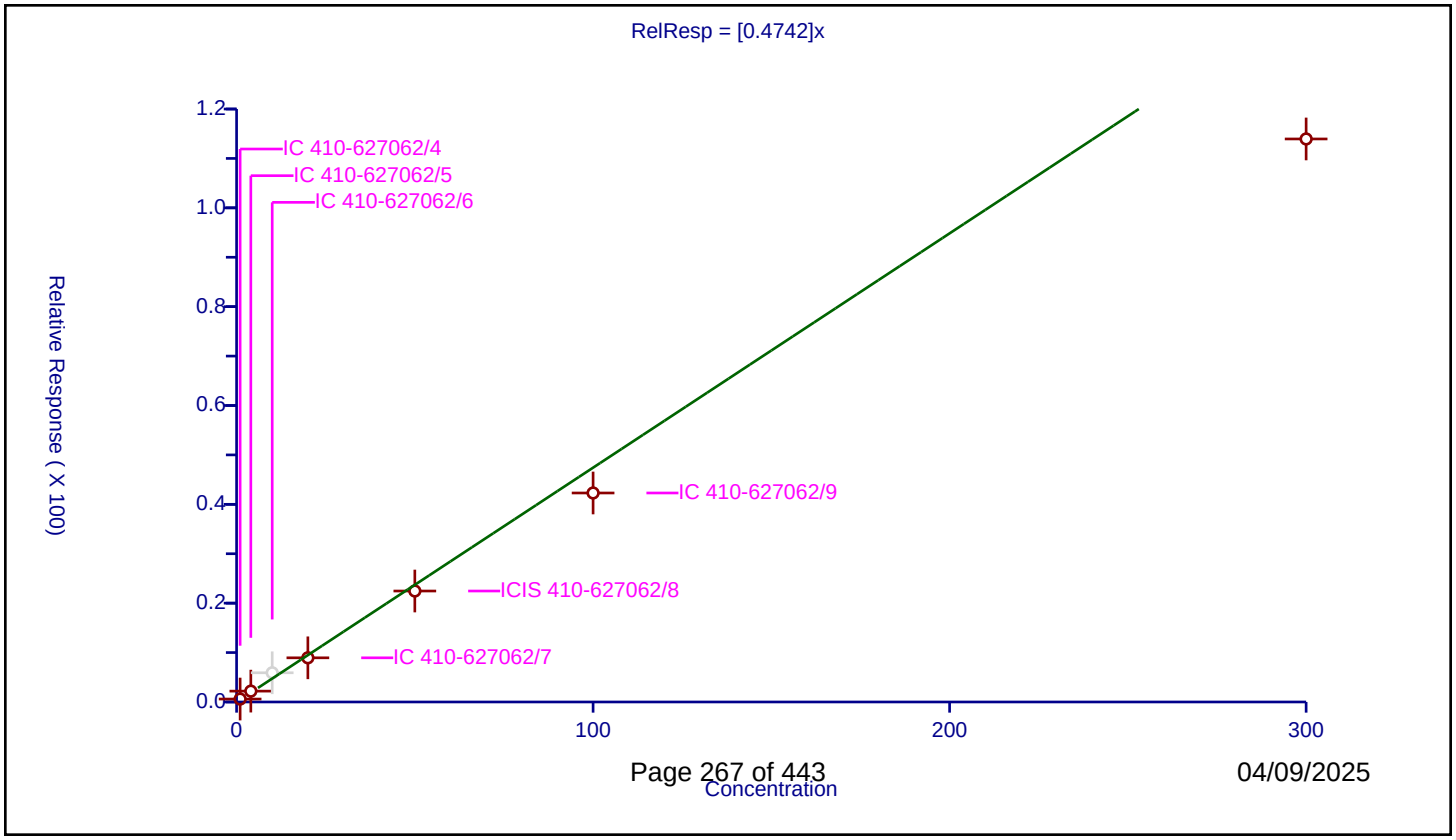
Curve Coefficients

Intercept:	0
Slope:	0.4742

Error Coefficients

Relative Standard Deviation:	17.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.596935	50.0	1194434.0	0.596935	Y
2	IC 410-627062/5	4.0	2.196827	50.0	1160856.0	0.549207	Y
3	IC 410-627062/6	10.0	5.910028	50.0	1192854.0	0.591003	N
4	IC 410-627062/7	20.0	8.941098	50.0	1250579.0	0.447055	Y
5	ICIS 410-627062/8	50.0	22.458134	50.0	1288050.0	0.449163	Y
6	IC 410-627062/9	100.0	42.295522	50.0	1374454.0	0.422955	Y
7	IC 410-627062/10	300.0	113.939327	50.0	1504366.0	0.379798	Y



Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

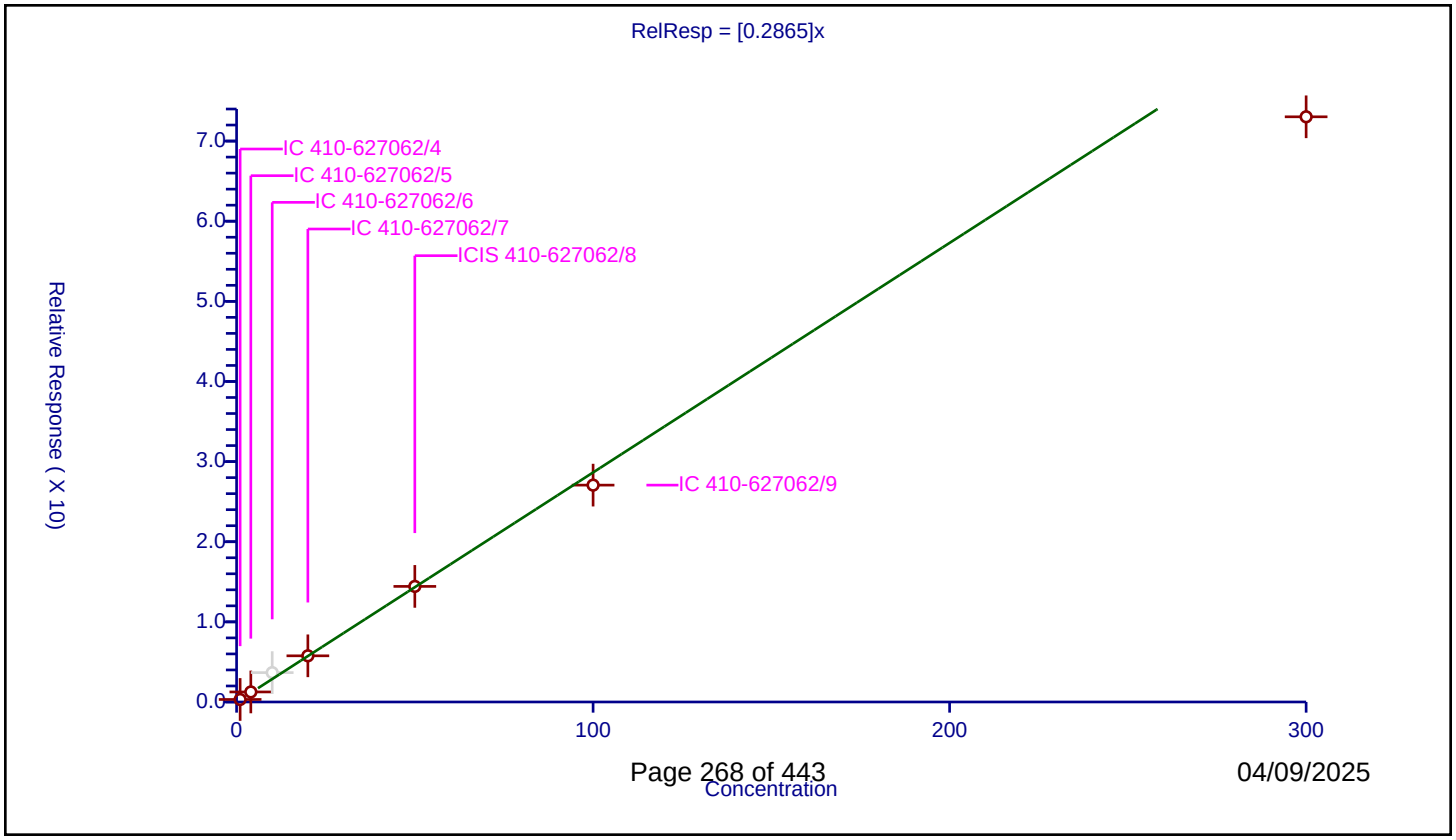
Curve Coefficients

Intercept:	0
Slope:	0.2865

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.314542	50.0	1194434.0	0.314542	Y
2	IC 410-627062/5	4.0	1.253859	50.0	1160856.0	0.313465	Y
3	IC 410-627062/6	10.0	3.664866	50.0	1192854.0	0.366487	N
4	IC 410-627062/7	20.0	5.762851	50.0	1250579.0	0.288143	Y
5	ICIS 410-627062/8	50.0	14.425488	50.0	1288050.0	0.28851	Y
6	IC 410-627062/9	100.0	27.064565	50.0	1374454.0	0.270646	Y
7	IC 410-627062/10	300.0	73.027009	50.0	1504366.0	0.243423	Y



Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

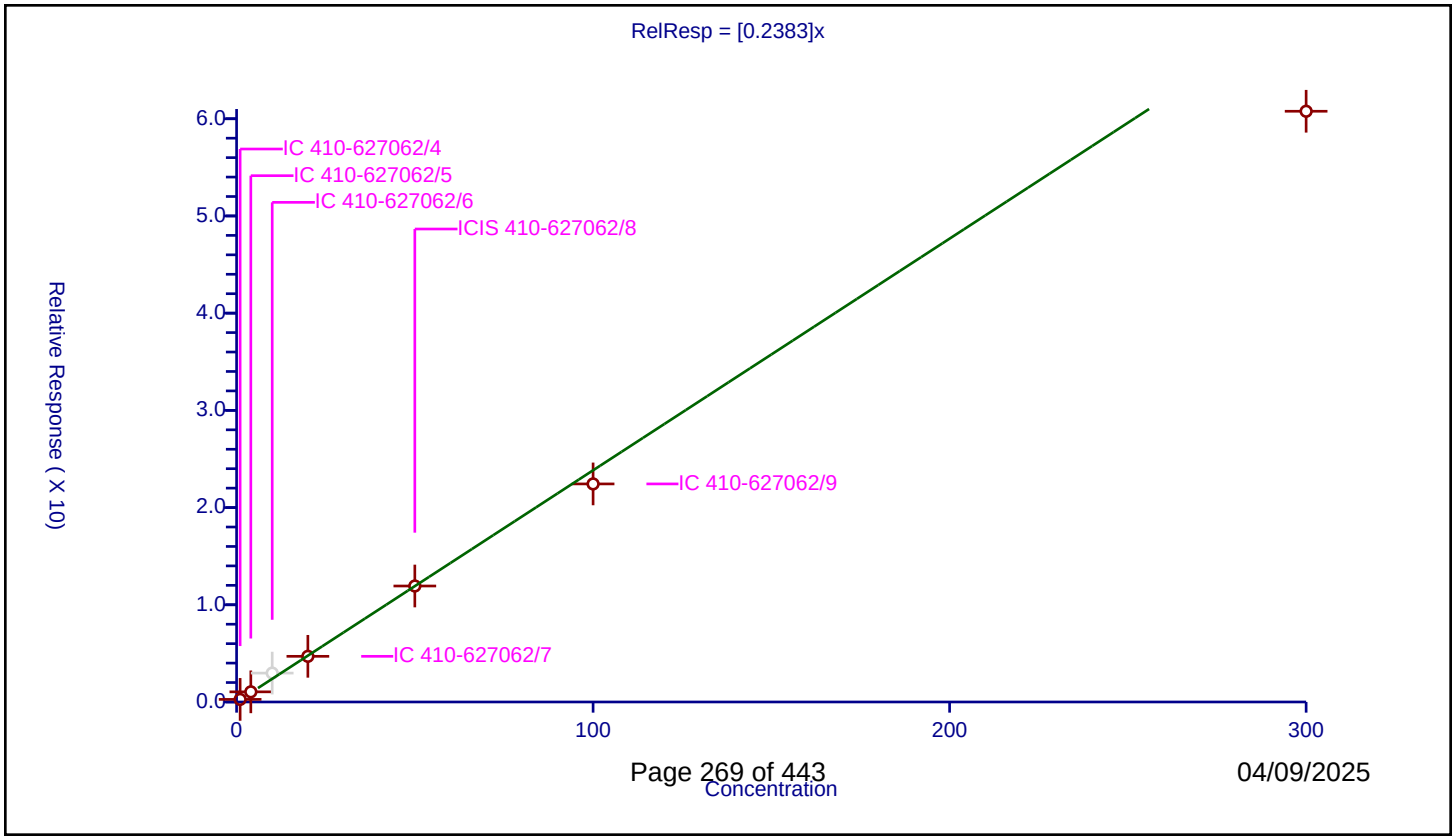
Curve Coefficients

Intercept:	0
Slope:	0.2383

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.268412	50.0	1194434.0	0.268412	Y
2	IC 410-627062/5	4.0	1.044488	50.0	1160856.0	0.261122	Y
3	IC 410-627062/6	10.0	2.973205	50.0	1192854.0	0.297321	N
4	IC 410-627062/7	20.0	4.697984	50.0	1250579.0	0.234899	Y
5	ICIS 410-627062/8	50.0	11.931913	50.0	1288050.0	0.238638	Y
6	IC 410-627062/9	100.0	22.431889	50.0	1374454.0	0.224319	Y
7	IC 410-627062/10	300.0	60.76972	50.0	1504366.0	0.202566	Y



Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

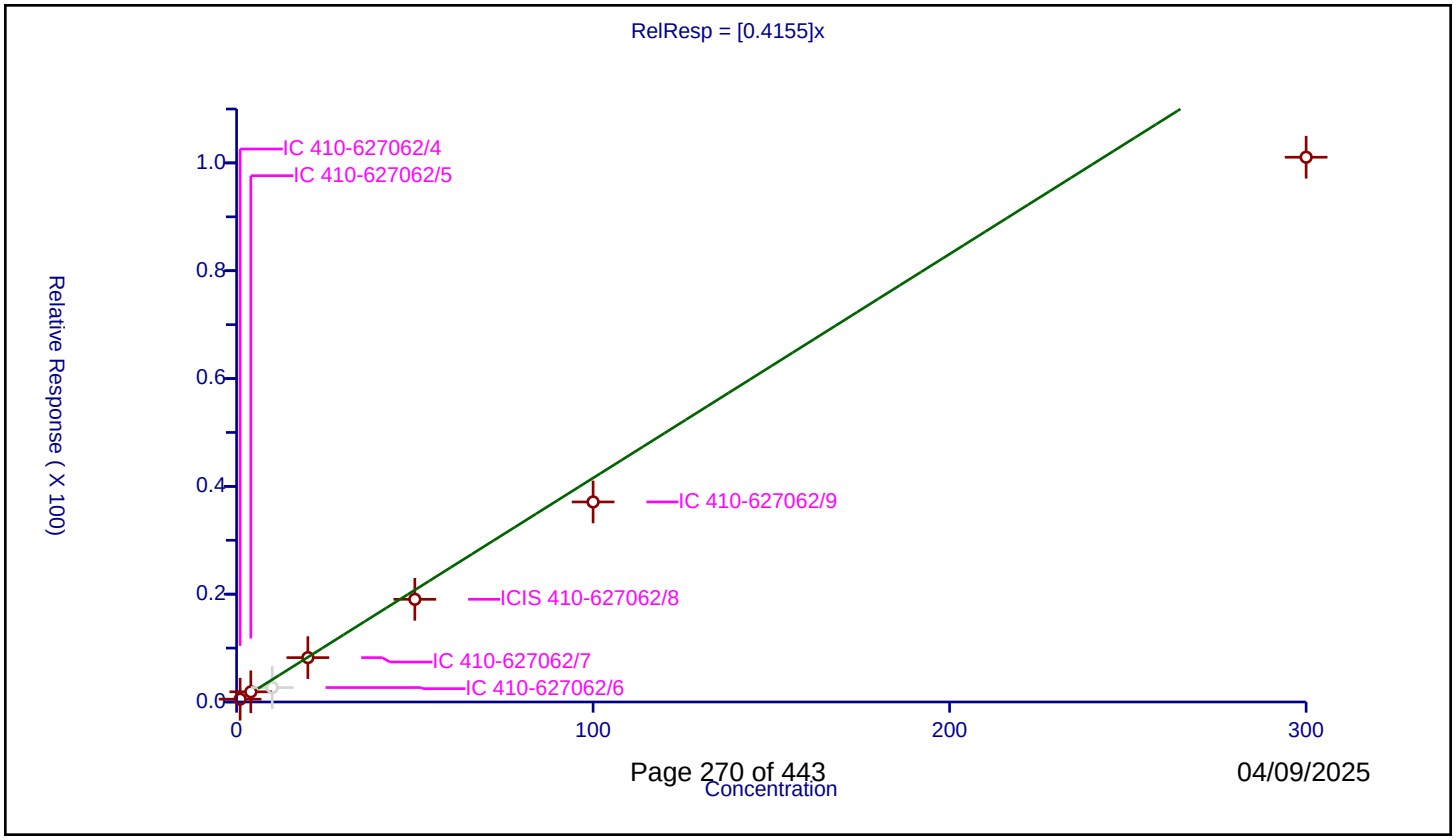
Curve Coefficients

Intercept:	0
Slope:	0.4155

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.520958	50.0	1194434.0	0.520958	Y
2	IC 410-627062/5	4.0	1.886754	50.0	1160856.0	0.471689	Y
3	IC 410-627062/6	10.0	2.679875	50.0	1192854.0	0.267988	N
4	IC 410-627062/7	20.0	8.226989	50.0	1250579.0	0.411349	Y
5	ICIS 410-627062/8	50.0	19.046893	50.0	1288050.0	0.380938	Y
6	IC 410-627062/9	100.0	37.110591	50.0	1374454.0	0.371106	Y
7	IC 410-627062/10	300.0	101.055561	50.0	1504366.0	0.336852	Y



Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

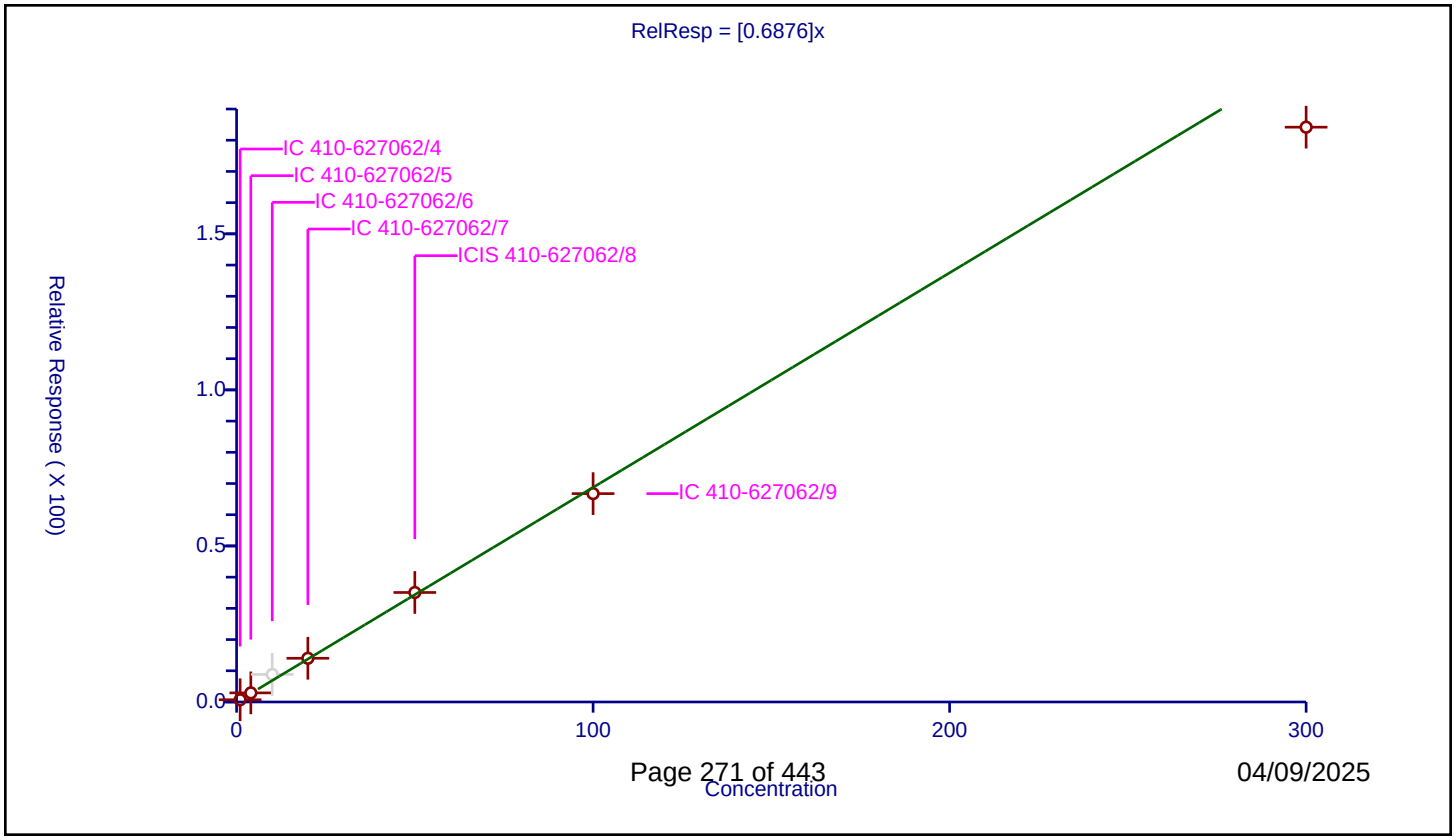
Curve Coefficients

Intercept:	0
Slope:	0.6876

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.713057	50.0	1194434.0	0.713057	Y
2	IC 410-627062/5	4.0	2.915176	50.0	1160856.0	0.728794	Y
3	IC 410-627062/6	10.0	8.834694	50.0	1192854.0	0.883469	N
4	IC 410-627062/7	20.0	14.007272	50.0	1250579.0	0.700364	Y
5	ICIS 410-627062/8	50.0	35.085362	50.0	1288050.0	0.701707	Y
6	IC 410-627062/9	100.0	66.759273	50.0	1374454.0	0.667593	Y
7	IC 410-627062/10	300.0	184.184234	50.0	1504366.0	0.613947	Y



Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

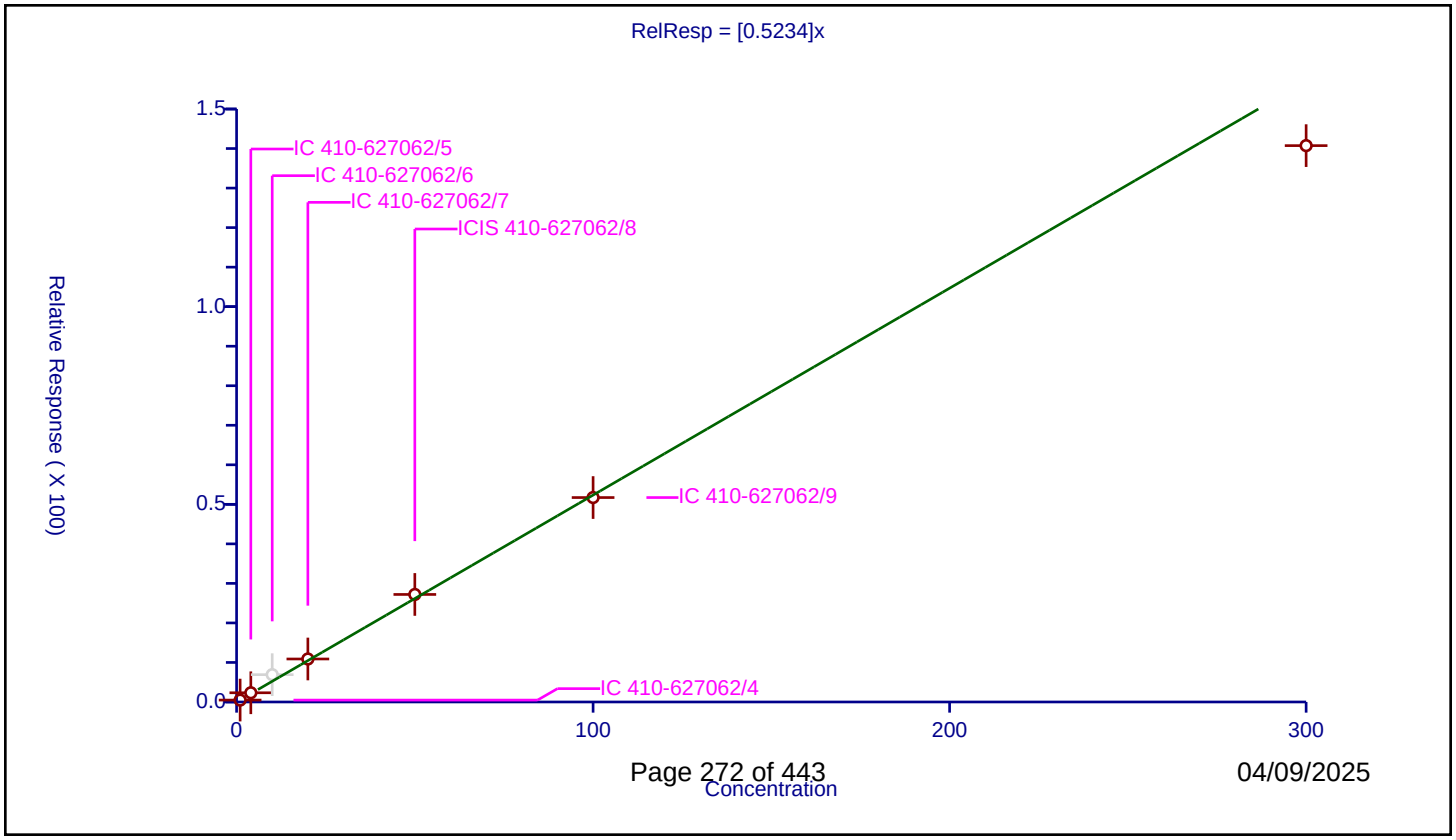
Curve Coefficients

Intercept:	0
Slope:	0.5234

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.483576	50.0	1194434.0	0.483576	Y
2	IC 410-627062/5	4.0	2.330608	50.0	1160856.0	0.582652	Y
3	IC 410-627062/6	10.0	6.913042	50.0	1192854.0	0.691304	N
4	IC 410-627062/7	20.0	10.875602	50.0	1250579.0	0.54378	Y
5	ICIS 410-627062/8	50.0	27.199798	50.0	1288050.0	0.543996	Y
6	IC 410-627062/9	100.0	51.713917	50.0	1374454.0	0.517139	Y
7	IC 410-627062/10	300.0	140.737394	50.0	1504366.0	0.469125	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

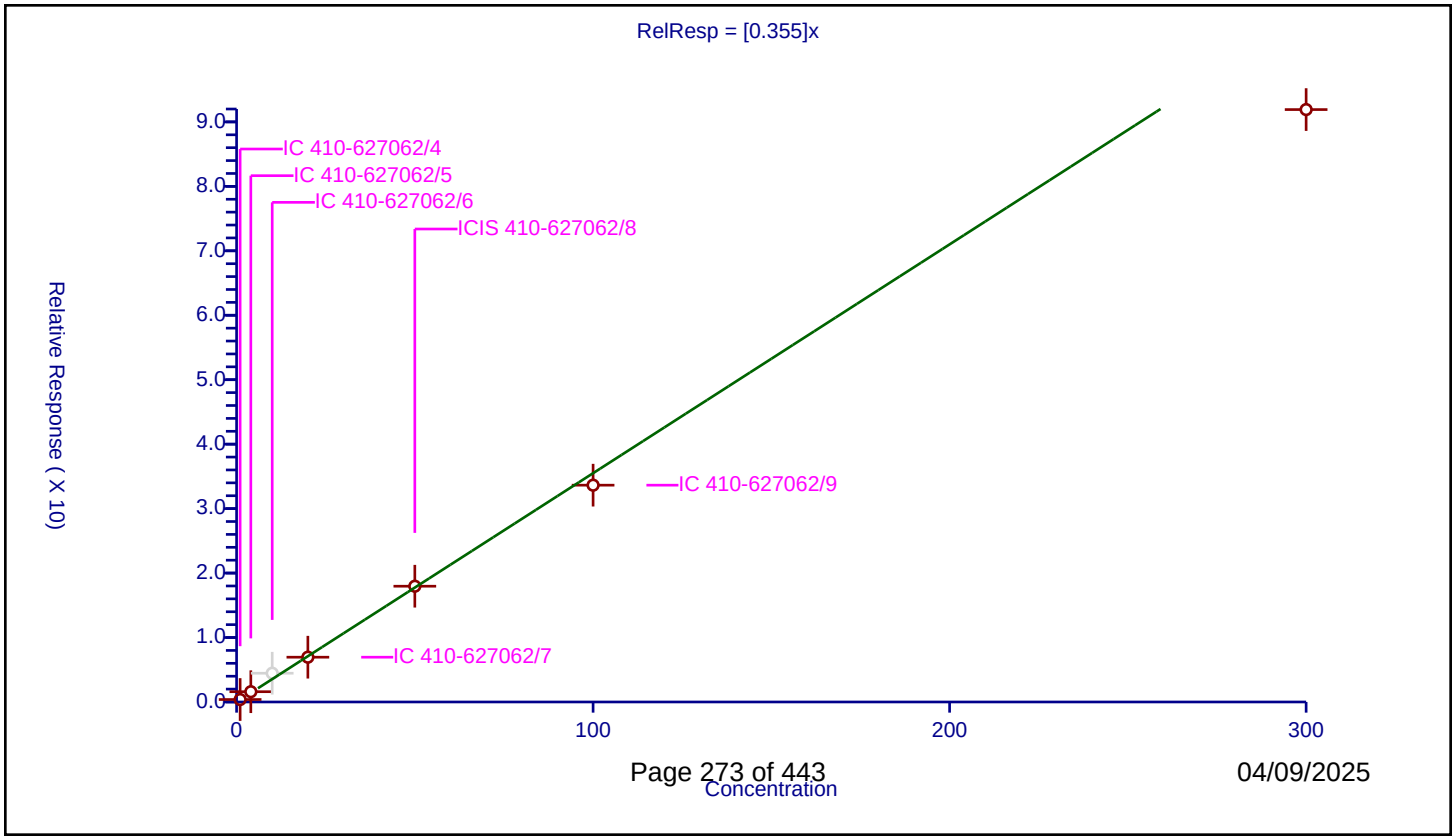
Curve Coefficients

Intercept:	0
Slope:	0.355

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.381729	50.0	1194434.0	0.381729	Y
2	IC 410-627062/5	4.0	1.594944	50.0	1160856.0	0.398736	Y
3	IC 410-627062/6	10.0	4.46094	50.0	1192854.0	0.446094	N
4	IC 410-627062/7	20.0	6.949741	50.0	1250579.0	0.347487	Y
5	ICIS 410-627062/8	50.0	17.962269	50.0	1288050.0	0.359245	Y
6	IC 410-627062/9	100.0	33.638012	50.0	1374454.0	0.33638	Y
7	IC 410-627062/10	300.0	91.911842	50.0	1504366.0	0.306373	Y



Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

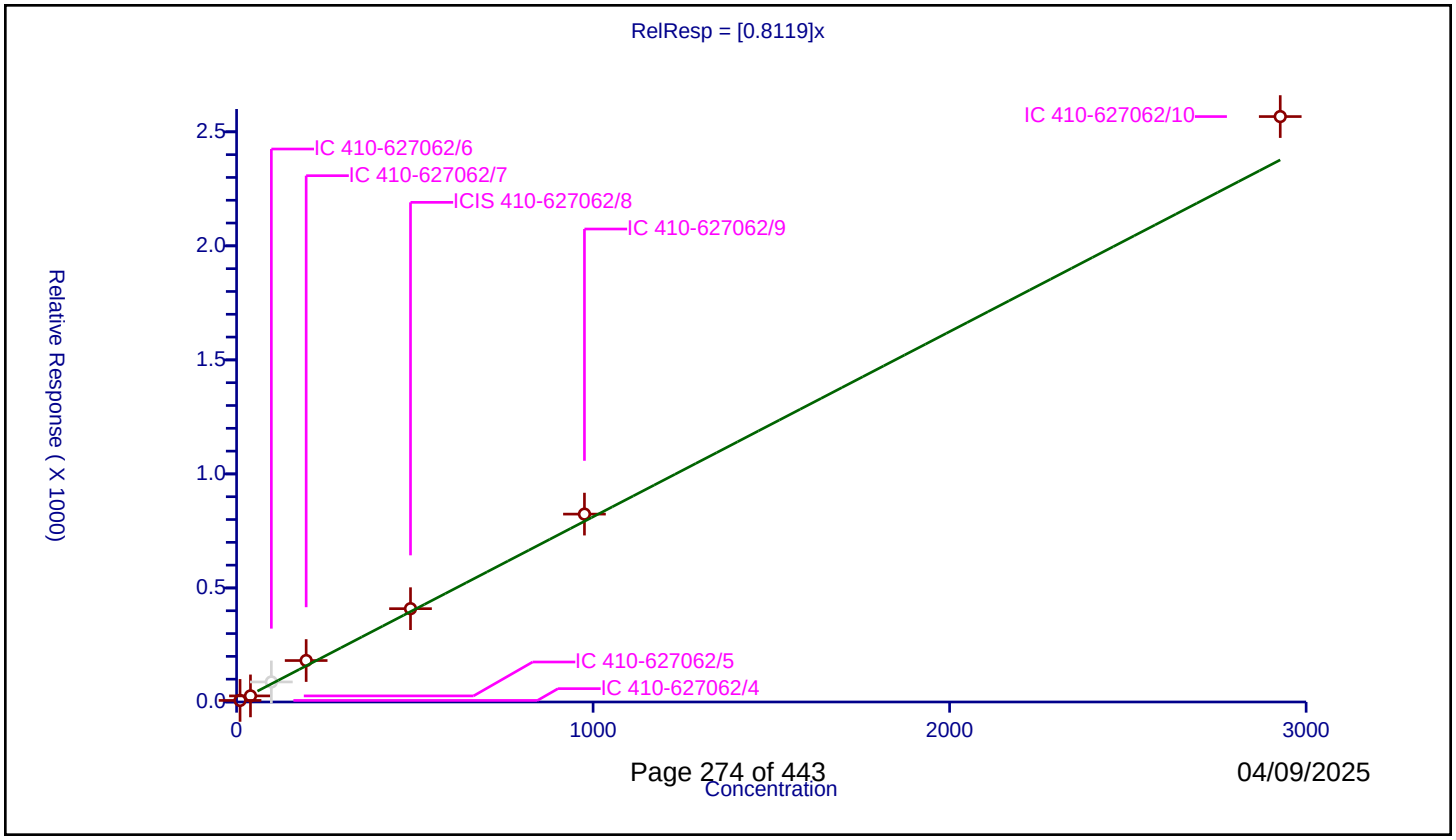
Curve Coefficients

Intercept:	0
Slope:	0.8119

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	9.758146	6.782568	250.0	874595.0	0.695067	Y
2	IC 410-627062/5	39.032585	26.751301	250.0	852295.0	0.685358	Y
3	IC 410-627062/6	97.581461	87.811555	250.0	837051.0	0.899879	N
4	IC 410-627062/7	195.162923	181.801916	250.0	774076.0	0.931539	Y
5	ICIS 410-627062/8	487.907307	409.122354	250.0	857202.0	0.838525	Y
6	IC 410-627062/9	975.814614	823.79387	250.0	853577.0	0.844211	Y
7	IC 410-627062/10	2927.443842	2566.963372	250.0	864999.0	0.876862	Y



Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

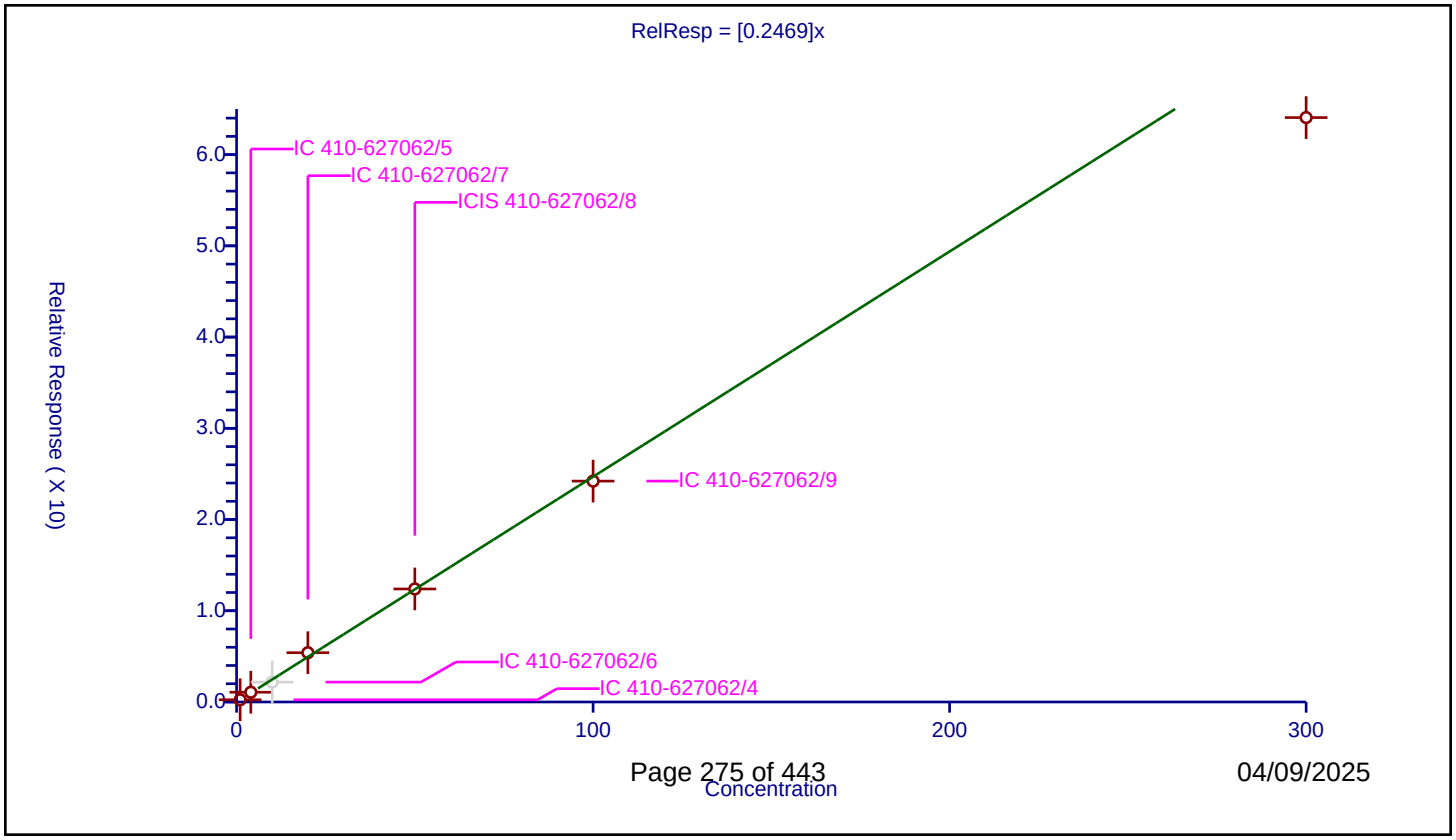
Curve Coefficients

Intercept:	0
Slope:	0.2469

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.240574	50.0	1194434.0	0.240574	Y
2	IC 410-627062/5	4.0	1.068522	50.0	1160856.0	0.26713	Y
3	IC 410-627062/6	10.0	2.178892	50.0	1192854.0	0.217889	N
4	IC 410-627062/7	20.0	5.404497	50.0	1250579.0	0.270225	Y
5	ICIS 410-627062/8	50.0	12.389659	50.0	1288050.0	0.247793	Y
6	IC 410-627062/9	100.0	24.214597	50.0	1374454.0	0.242146	Y
7	IC 410-627062/10	300.0	64.061472	50.0	1504366.0	0.213538	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

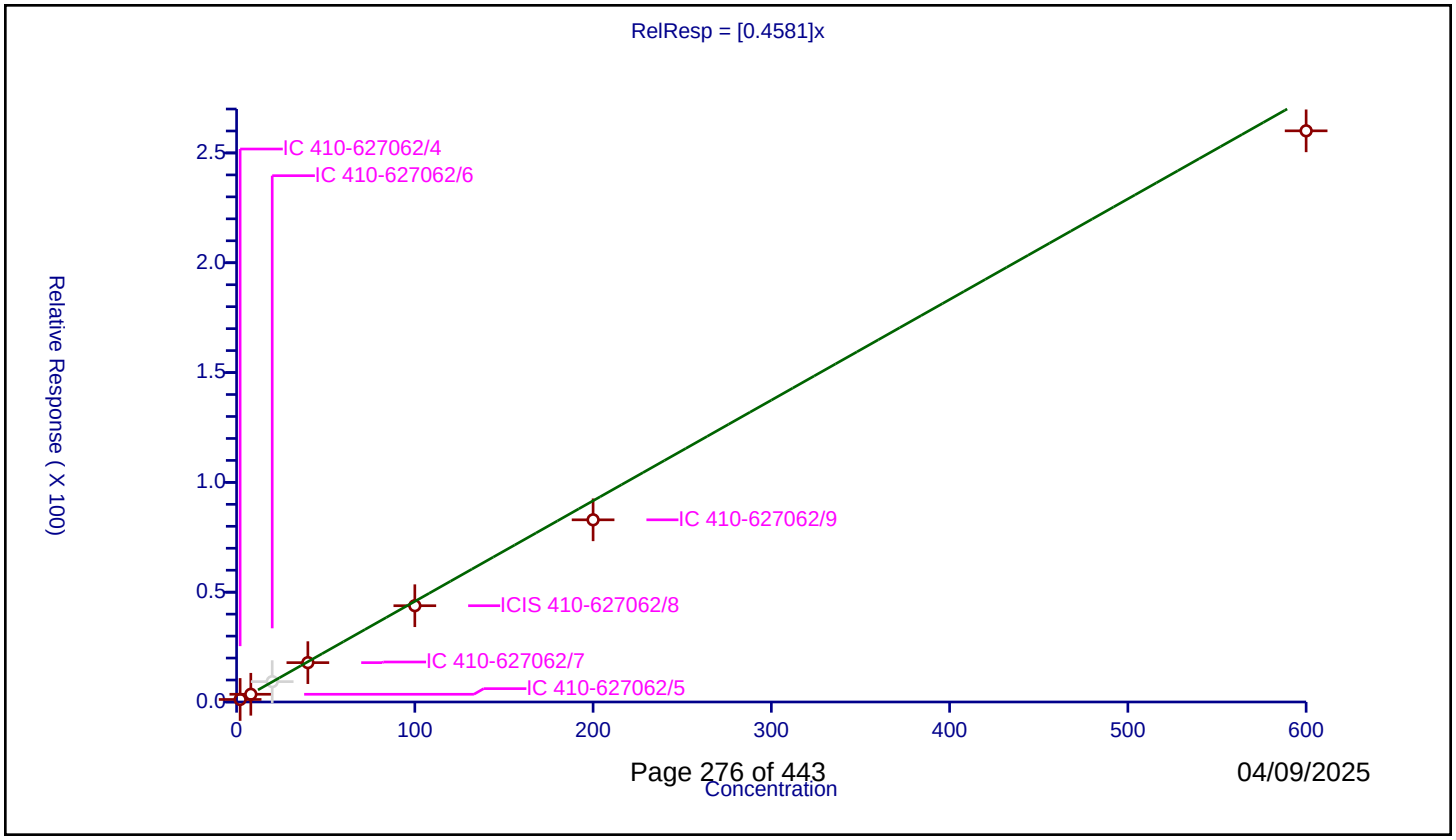
Curve Coefficients

Intercept:	0
Slope:	0.4581

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.0	1.150533	250.0	874595.0	0.575266	Y
2	IC 410-627062/5	8.0	3.511695	250.0	852295.0	0.438962	Y
3	IC 410-627062/6	20.0	9.274226	250.0	837051.0	0.463711	N
4	IC 410-627062/7	40.0	17.915231	250.0	774076.0	0.447881	Y
5	ICIS 410-627062/8	100.0	43.842933	250.0	857202.0	0.438429	Y
6	IC 410-627062/9	200.0	82.949751	250.0	853577.0	0.414749	Y
7	IC 410-627062/10	600.0	260.063595	250.0	864999.0	0.433439	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

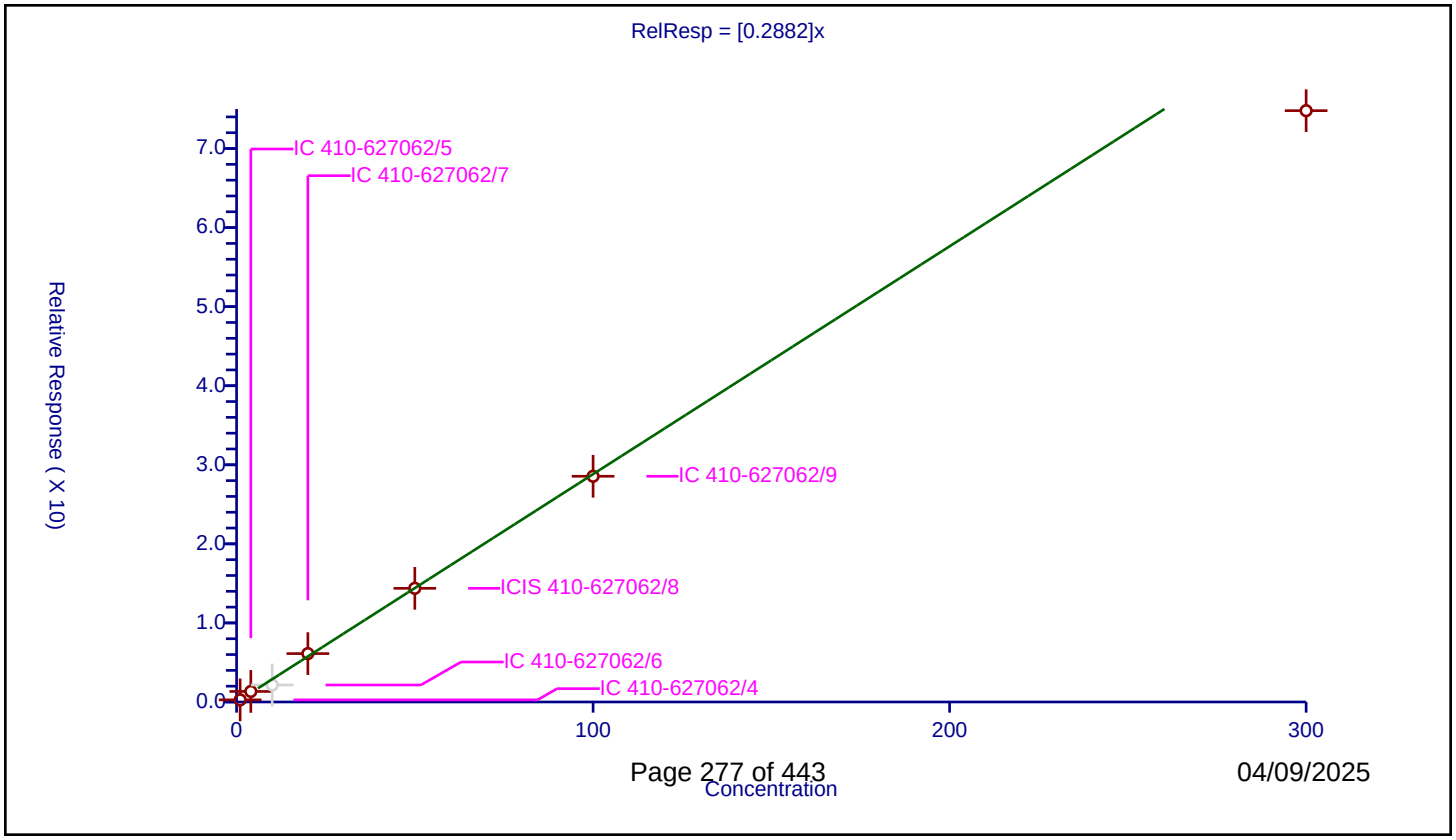
Curve Coefficients

Intercept:	0
Slope:	0.2882

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.26703	50.0	1194434.0	0.26703	Y
2	IC 410-627062/5	4.0	1.334877	50.0	1160856.0	0.333719	Y
3	IC 410-627062/6	10.0	2.150515	50.0	1192854.0	0.215051	N
4	IC 410-627062/7	20.0	6.119286	50.0	1250579.0	0.305964	Y
5	ICIS 410-627062/8	50.0	14.376189	50.0	1288050.0	0.287524	Y
6	IC 410-627062/9	100.0	28.547991	50.0	1374454.0	0.28548	Y
7	IC 410-627062/10	300.0	74.78928	50.0	1504366.0	0.249298	Y



Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

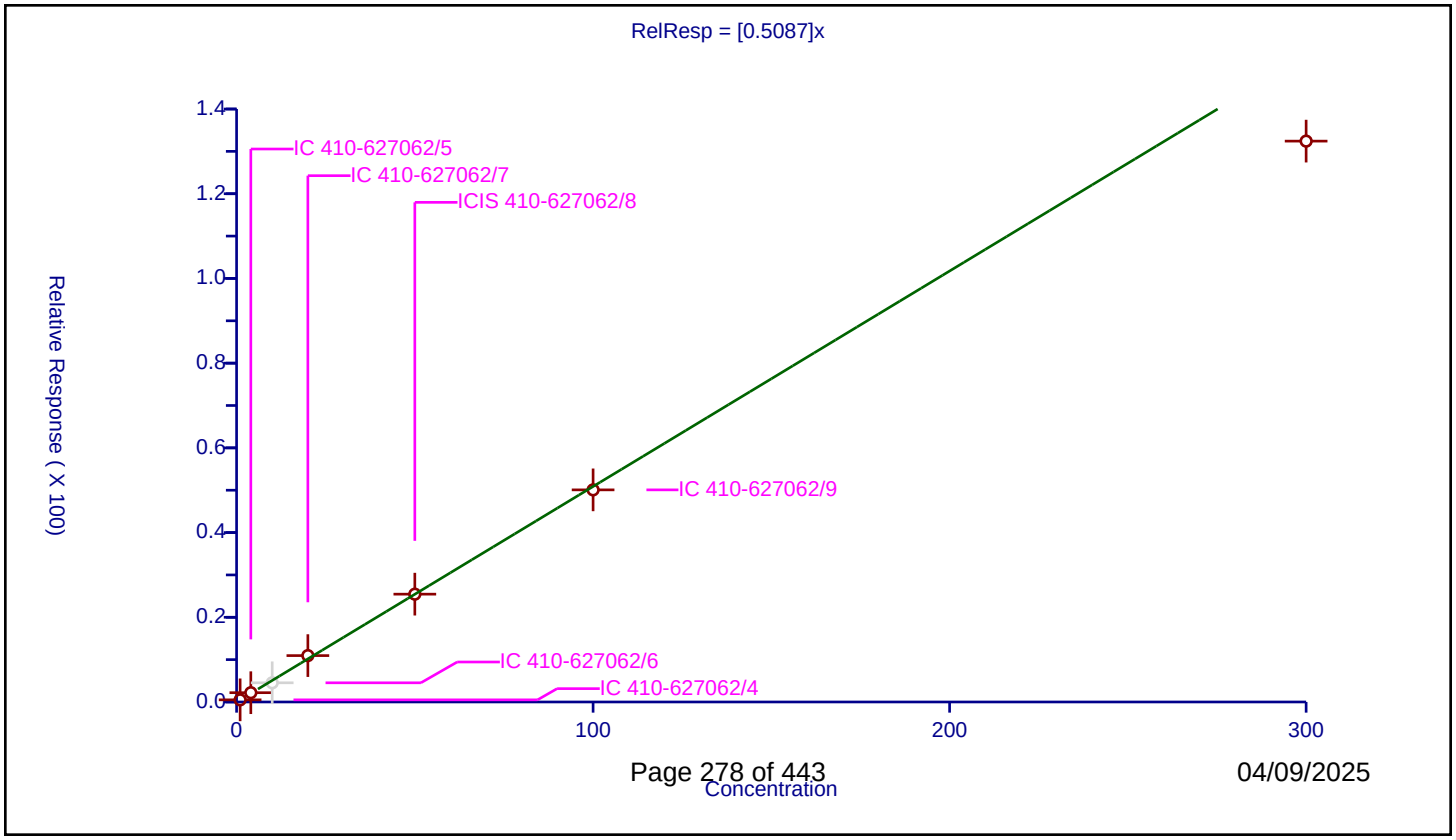
Curve Coefficients

Intercept:	0
Slope:	0.5087

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.50459	50.0	1194434.0	0.50459	Y
2	IC 410-627062/5	4.0	2.195406	50.0	1160856.0	0.548851	Y
3	IC 410-627062/6	10.0	4.530353	50.0	1192854.0	0.453035	N
4	IC 410-627062/7	20.0	10.954686	50.0	1250579.0	0.547734	Y
5	ICIS 410-627062/8	50.0	25.455184	50.0	1288050.0	0.509104	Y
6	IC 410-627062/9	100.0	50.079595	50.0	1374454.0	0.500796	Y
7	IC 410-627062/10	300.0	132.421432	50.0	1504366.0	0.441405	Y



Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

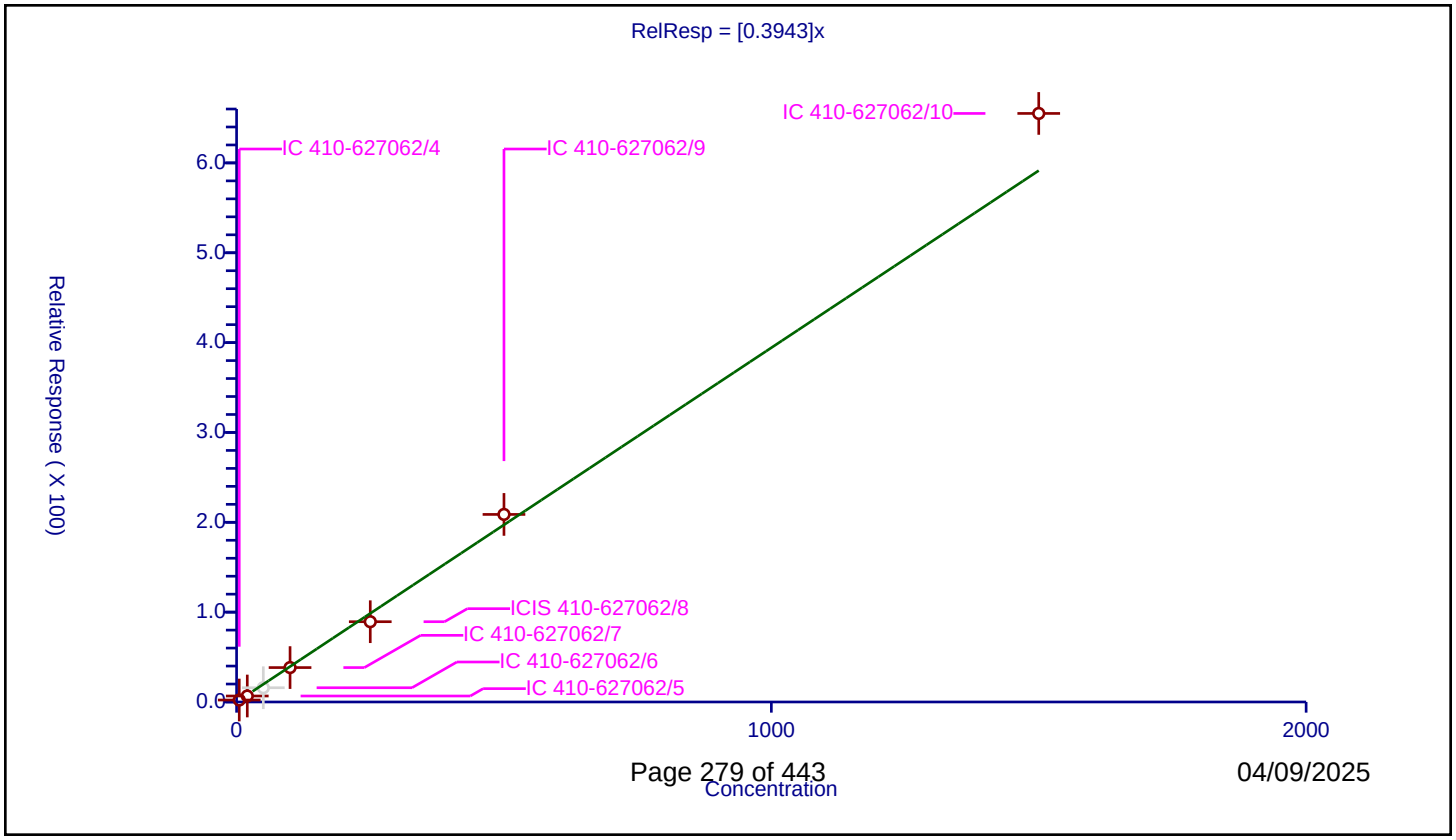
Curve Coefficients

Intercept:	0
Slope:	0.3943

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	5.0	2.189585	250.0	874595.0	0.437917	Y
2	IC 410-627062/5	20.0	6.662599	250.0	852295.0	0.33313	Y
3	IC 410-627062/6	50.0	15.877766	250.0	837051.0	0.317555	N
4	IC 410-627062/7	100.0	38.311484	250.0	774076.0	0.383115	Y
5	ICIS 410-627062/8	250.0	89.349418	250.0	857202.0	0.357398	Y
6	IC 410-627062/9	500.0	208.772026	250.0	853577.0	0.417544	Y
7	IC 410-627062/10	1500.0	655.072145	250.0	864999.0	0.436715	Y



Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

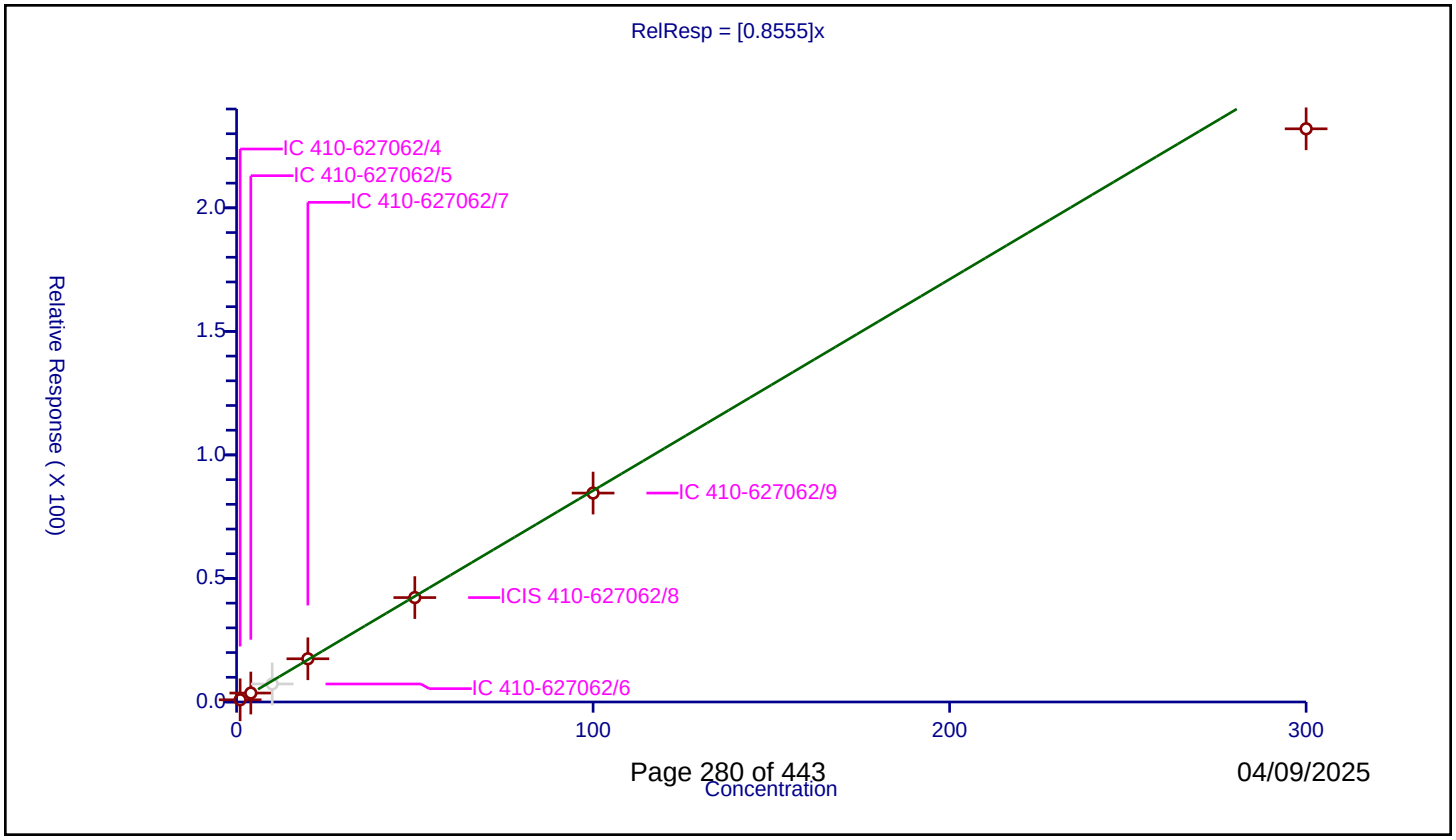
Curve Coefficients

Intercept:	0
Slope:	0.8555

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.889836	50.0	1194434.0	0.889836	Y
2	IC 410-627062/5	4.0	3.617934	50.0	1160856.0	0.904483	Y
3	IC 410-627062/6	10.0	7.288822	50.0	1192854.0	0.728882	N
4	IC 410-627062/7	20.0	17.48722	50.0	1250579.0	0.874361	Y
5	ICIS 410-627062/8	50.0	42.256589	50.0	1288050.0	0.845132	Y
6	IC 410-627062/9	100.0	84.560887	50.0	1374454.0	0.845609	Y
7	IC 410-627062/10	300.0	231.99494	50.0	1504366.0	0.773316	Y



Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

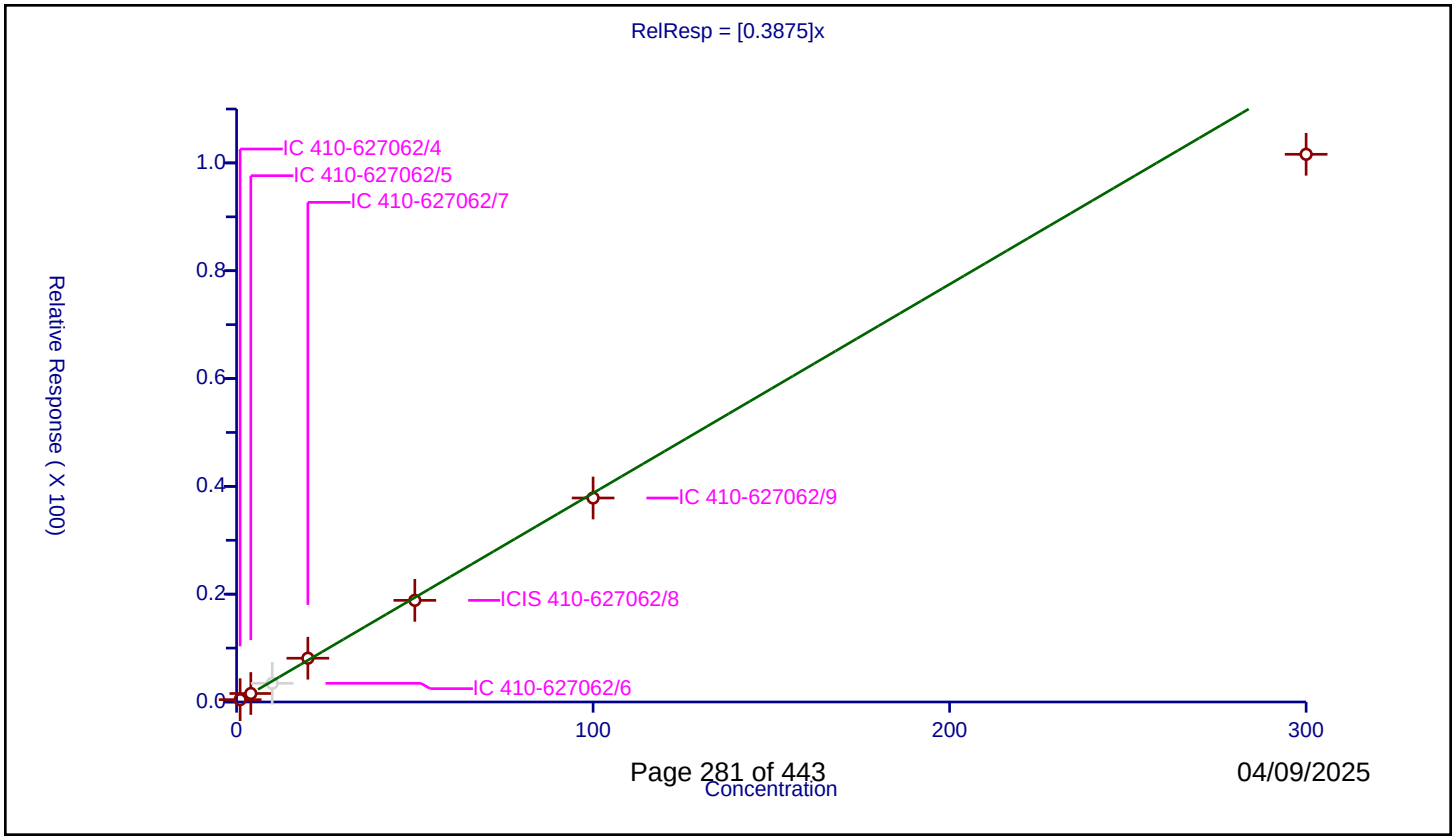
Curve Coefficients

Intercept:	0
Slope:	0.3875

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.43079	50.0	1194434.0	0.43079	Y
2	IC 410-627062/5	4.0	1.574786	50.0	1160856.0	0.393697	Y
3	IC 410-627062/6	10.0	3.465512	50.0	1192854.0	0.346551	N
4	IC 410-627062/7	20.0	8.122118	50.0	1250579.0	0.406106	Y
5	ICIS 410-627062/8	50.0	18.852956	50.0	1288050.0	0.377059	Y
6	IC 410-627062/9	100.0	37.842518	50.0	1374454.0	0.378425	Y
7	IC 410-627062/10	300.0	101.601572	50.0	1504366.0	0.338672	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

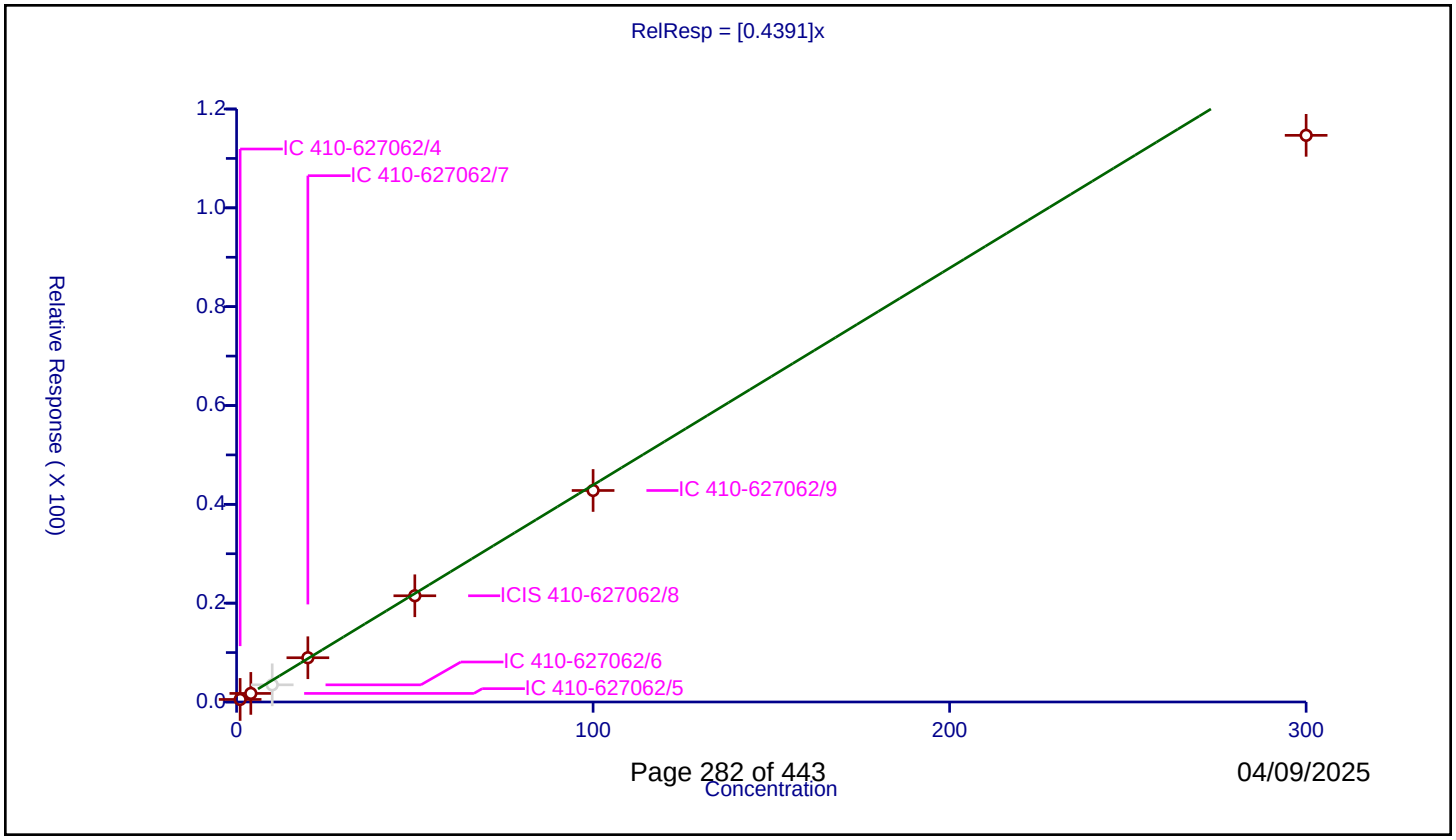
Curve Coefficients

Intercept:	0
Slope:	0.4391

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.513004	50.0	1194434.0	0.513004	Y
2	IC 410-627062/5	4.0	1.733247	50.0	1160856.0	0.433312	Y
3	IC 410-627062/6	10.0	3.470332	50.0	1192854.0	0.347033	N
4	IC 410-627062/7	20.0	8.957531	50.0	1250579.0	0.447877	Y
5	ICIS 410-627062/8	50.0	21.498544	50.0	1288050.0	0.429971	Y
6	IC 410-627062/9	100.0	42.802924	50.0	1374454.0	0.428029	Y
7	IC 410-627062/10	300.0	114.673823	50.0	1504366.0	0.382246	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

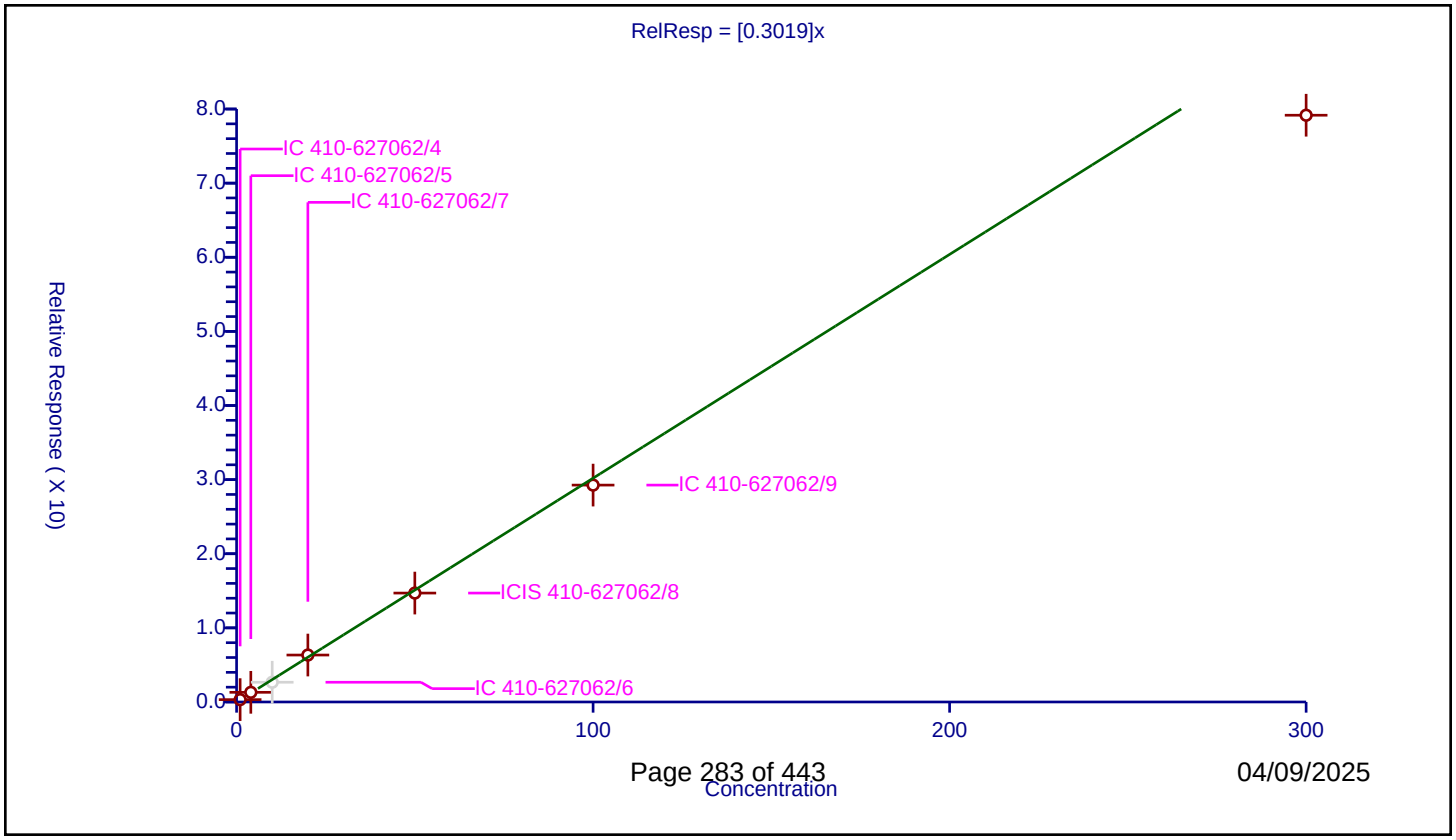
Curve Coefficients

Intercept:	0
Slope:	0.3019

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.318059	50.0	1194434.0	0.318059	Y
2	IC 410-627062/5	4.0	1.305545	50.0	1160856.0	0.326386	Y
3	IC 410-627062/6	10.0	2.662857	50.0	1192854.0	0.266286	N
4	IC 410-627062/7	20.0	6.334306	50.0	1250579.0	0.316715	Y
5	ICIS 410-627062/8	50.0	14.69644	50.0	1288050.0	0.293929	Y
6	IC 410-627062/9	100.0	29.260164	50.0	1374454.0	0.292602	Y
7	IC 410-627062/10	300.0	79.161155	50.0	1504366.0	0.263871	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

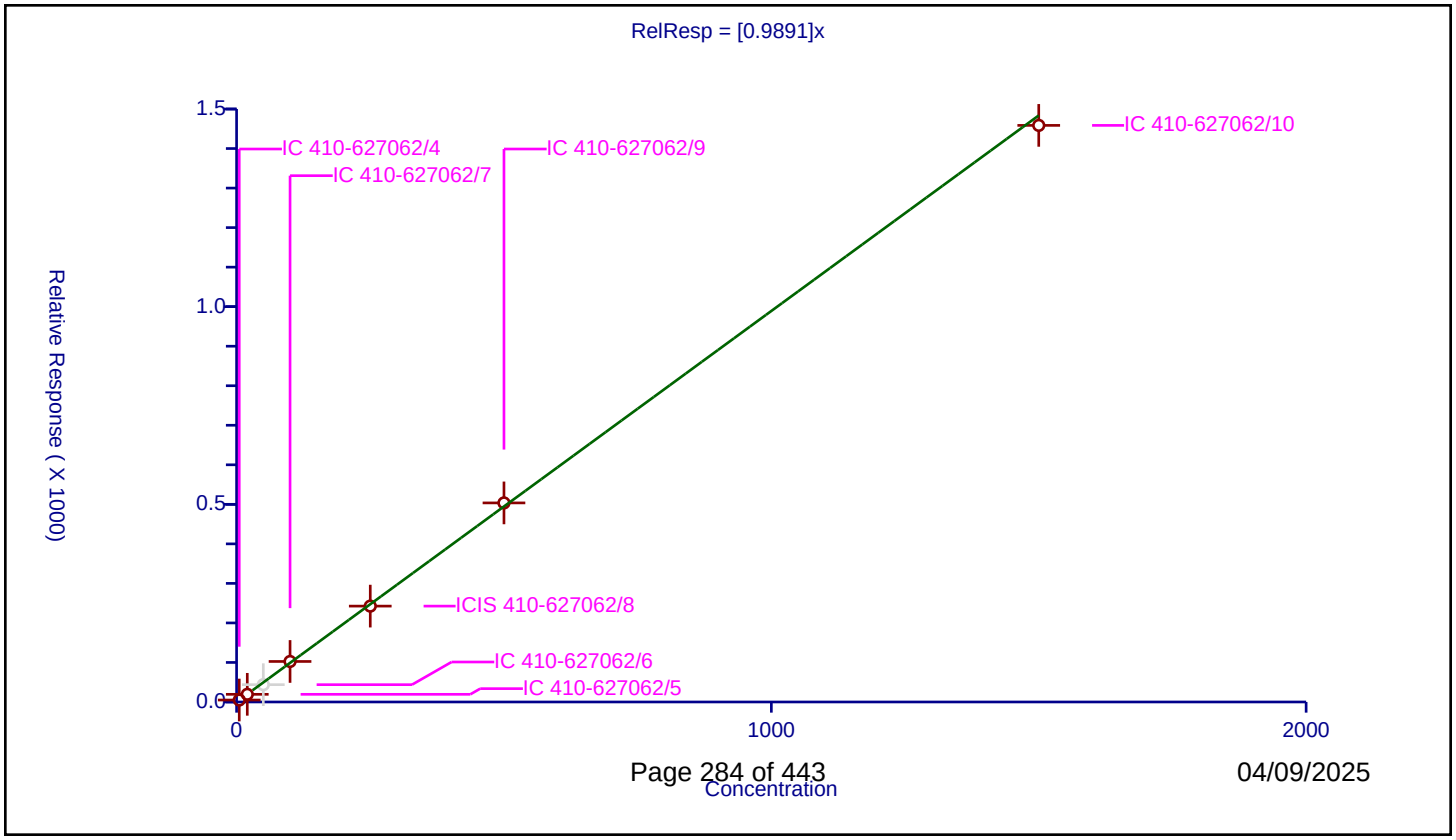
Curve Coefficients

Intercept:	0
Slope:	0.9891

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	5.0	4.956008	250.0	874595.0	0.991202	Y
2	IC 410-627062/5	20.0	19.374454	250.0	852295.0	0.968723	Y
3	IC 410-627062/6	50.0	43.800497	250.0	837051.0	0.87601	N
4	IC 410-627062/7	100.0	102.500594	250.0	774076.0	1.025006	Y
5	ICIS 410-627062/8	250.0	242.53064	250.0	857202.0	0.970123	Y
6	IC 410-627062/9	500.0	503.588136	250.0	853577.0	1.007176	Y
7	IC 410-627062/10	1500.0	1458.589548	250.0	864999.0	0.972393	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

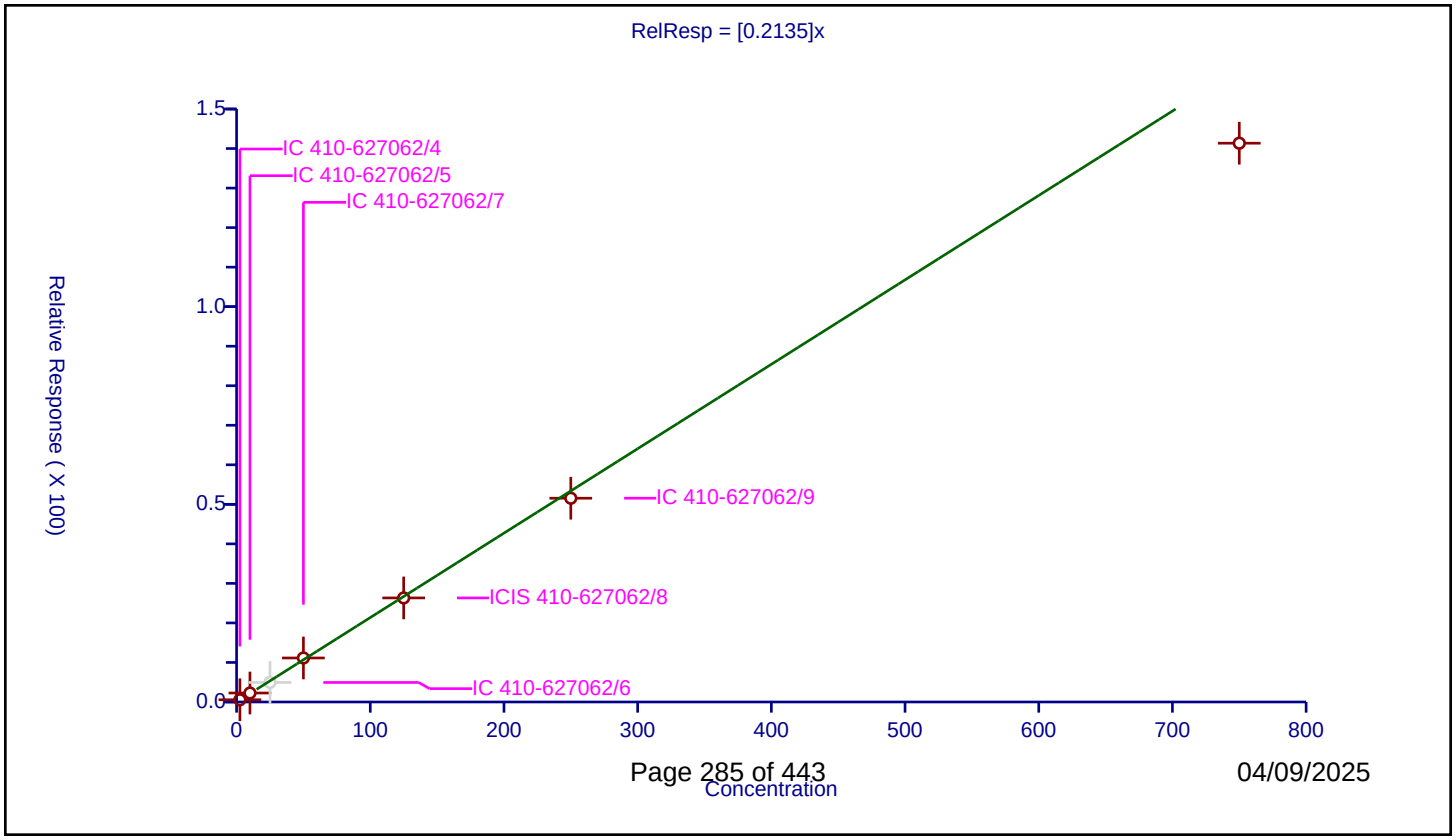
Curve Coefficients

Intercept:	0
Slope:	0.2135

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.5	0.566168	50.0	1194434.0	0.226467	Y
2	IC 410-627062/5	10.0	2.268843	50.0	1160856.0	0.226884	Y
3	IC 410-627062/6	25.0	4.941762	50.0	1192854.0	0.19767	N
4	IC 410-627062/7	50.0	11.135362	50.0	1250579.0	0.222707	Y
5	ICIS 410-627062/8	125.0	26.323706	50.0	1288050.0	0.21059	Y
6	IC 410-627062/9	250.0	51.54374	50.0	1374454.0	0.206175	Y
7	IC 410-627062/10	750.0	141.350908	50.0	1504366.0	0.188468	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

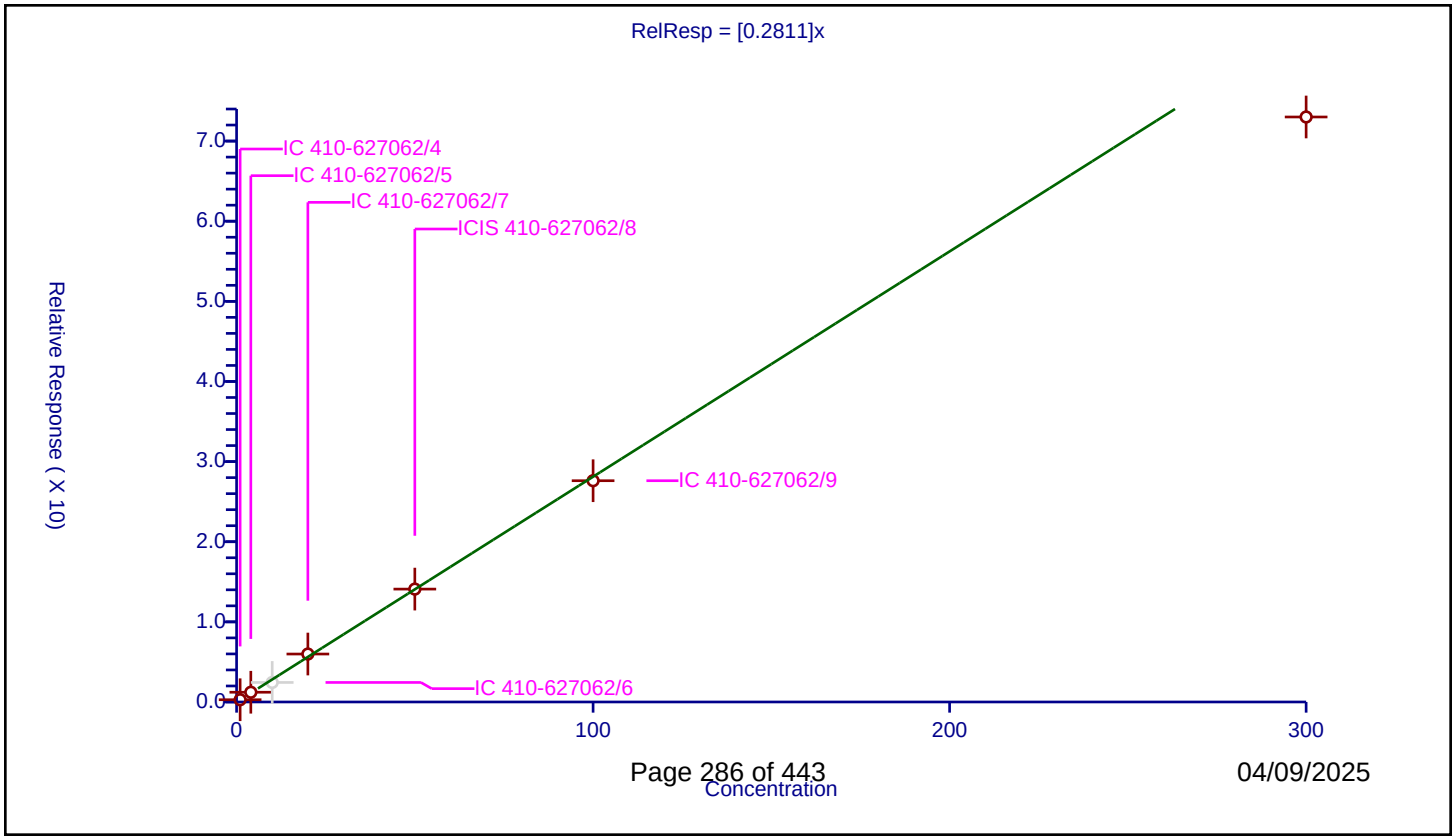
Curve Coefficients

Intercept:	0
Slope:	0.2811

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.282058	50.0	1194434.0	0.282058	Y
2	IC 410-627062/5	4.0	1.216688	50.0	1160856.0	0.304172	Y
3	IC 410-627062/6	10.0	2.438773	50.0	1192854.0	0.243877	N
4	IC 410-627062/7	20.0	5.985867	50.0	1250579.0	0.299293	Y
5	ICIS 410-627062/8	50.0	14.088157	50.0	1288050.0	0.281763	Y
6	IC 410-627062/9	100.0	27.61362	50.0	1374454.0	0.276136	Y
7	IC 410-627062/10	300.0	73.005738	50.0	1504366.0	0.243352	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

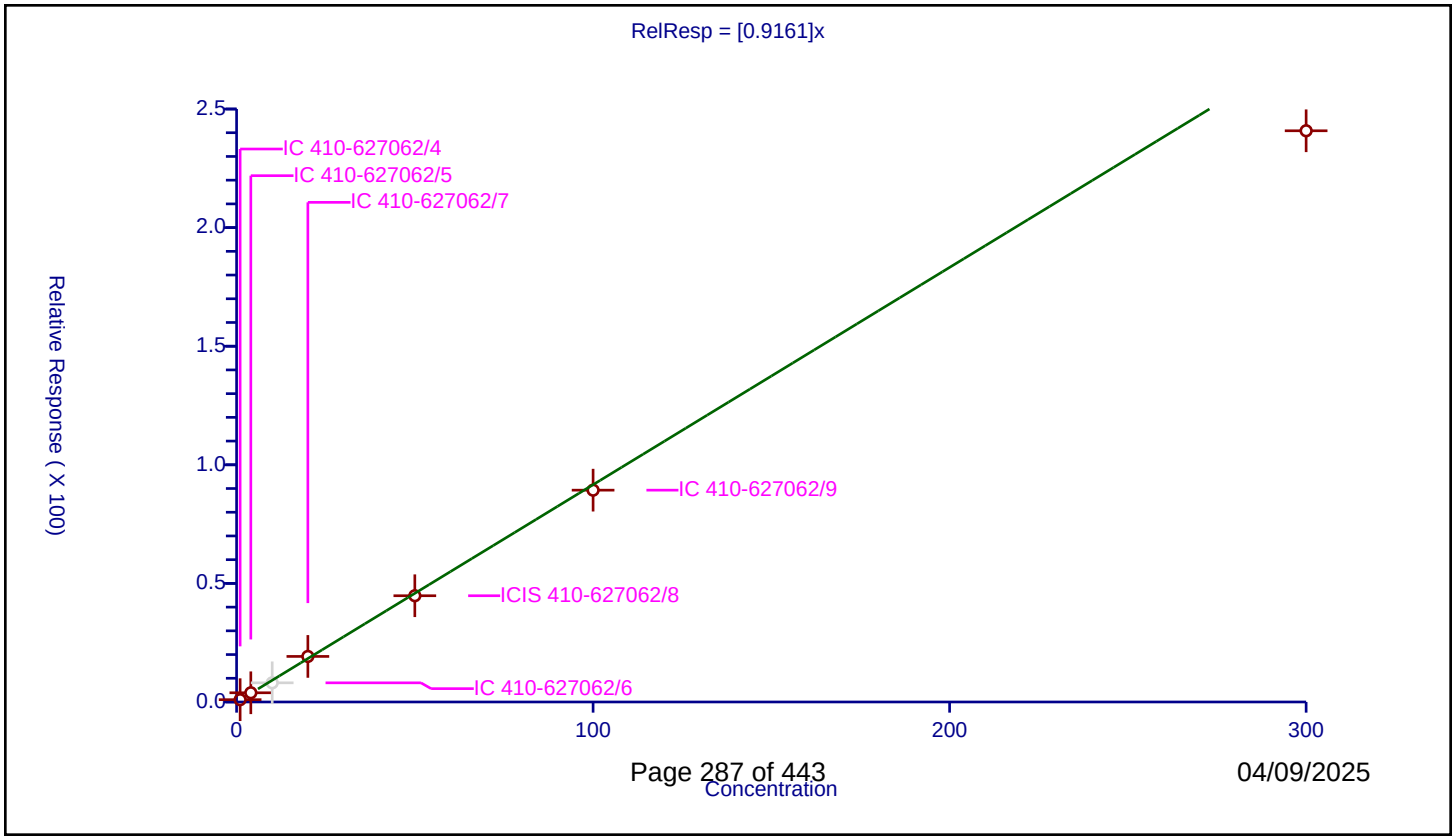
Curve Coefficients

Intercept:	0
Slope:	0.9161

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.972218	50.0	1194434.0	0.972218	Y
2	IC 410-627062/5	4.0	3.889845	50.0	1160856.0	0.972461	Y
3	IC 410-627062/6	10.0	8.082213	50.0	1192854.0	0.808221	N
4	IC 410-627062/7	20.0	19.205624	50.0	1250579.0	0.960281	Y
5	ICIS 410-627062/8	50.0	44.797135	50.0	1288050.0	0.895943	Y
6	IC 410-627062/9	100.0	89.303098	50.0	1374454.0	0.893031	Y
7	IC 410-627062/10	300.0	240.831088	50.0	1504366.0	0.80277	Y



Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

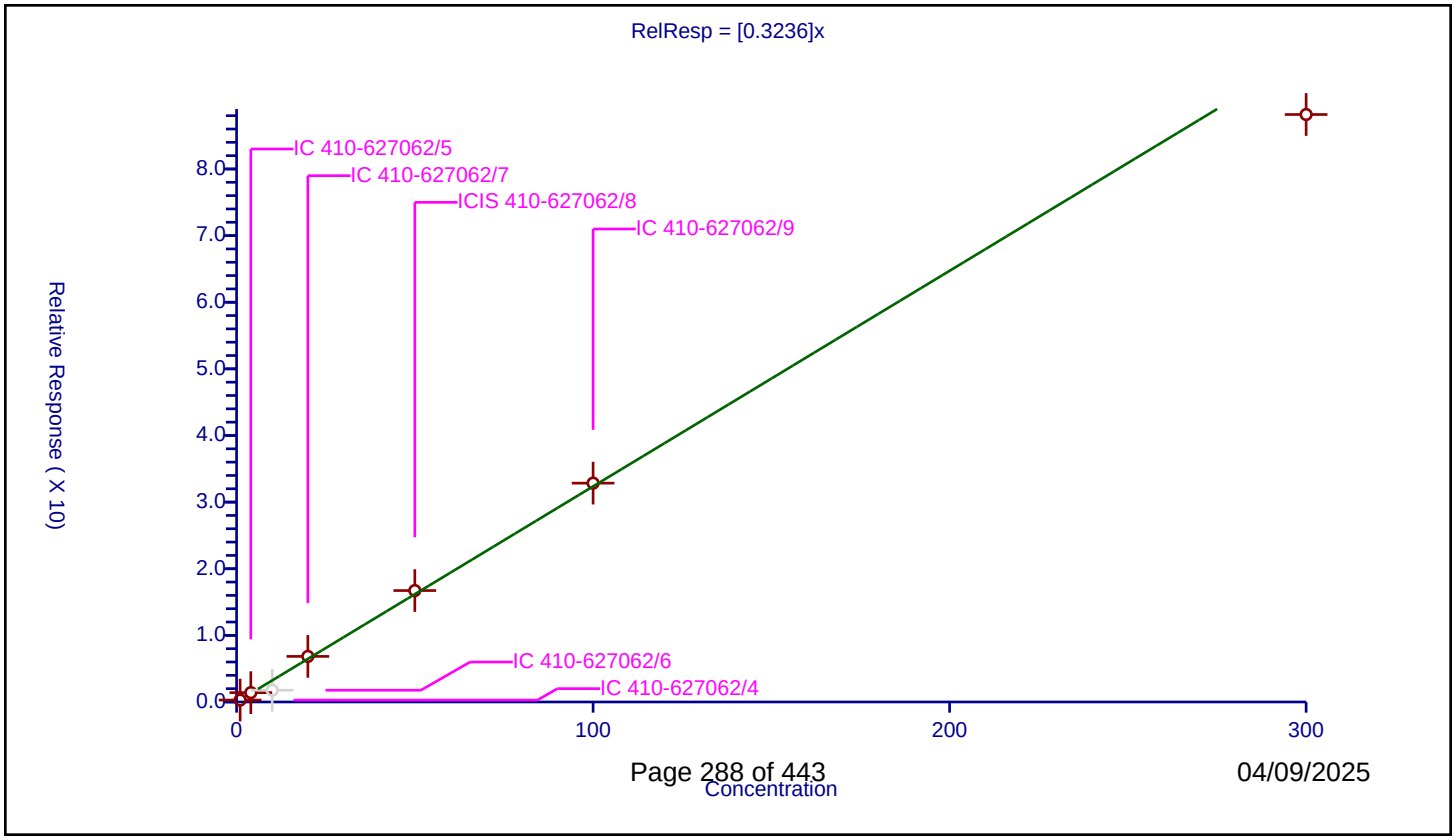
Curve Coefficients

Intercept:	0
Slope:	0.3236

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.291435	50.0	1194434.0	0.291435	Y
2	IC 410-627062/5	4.0	1.40405	50.0	1160856.0	0.351013	Y
3	IC 410-627062/6	10.0	1.766645	50.0	1192854.0	0.176665	N
4	IC 410-627062/7	20.0	6.84367	50.0	1250579.0	0.342184	Y
5	ICIS 410-627062/8	50.0	16.725438	50.0	1288050.0	0.334509	Y
6	IC 410-627062/9	100.0	32.844169	50.0	1374454.0	0.328442	Y
7	IC 410-627062/10	300.0	88.17442	50.0	1504366.0	0.293915	Y



Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

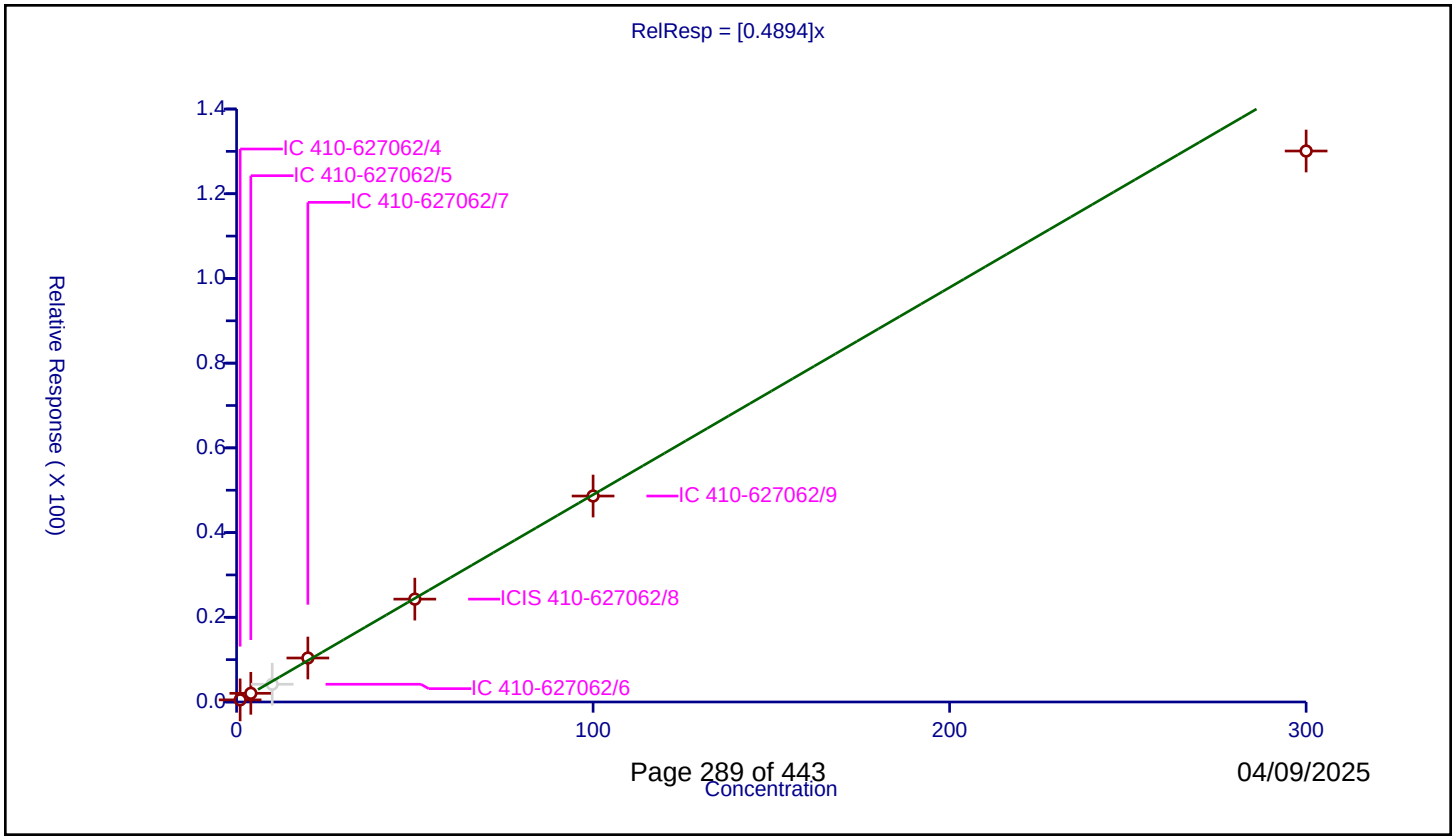
Curve Coefficients

Intercept:	0
Slope:	0.4894

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.498102	50.0	1194434.0	0.498102	Y
2	IC 410-627062/5	4.0	2.052236	50.0	1160856.0	0.513059	Y
3	IC 410-627062/6	10.0	4.189783	50.0	1192854.0	0.418978	N
4	IC 410-627062/7	20.0	10.386629	50.0	1250579.0	0.519331	Y
5	ICIS 410-627062/8	50.0	24.285664	50.0	1288050.0	0.485713	Y
6	IC 410-627062/9	100.0	48.628255	50.0	1374454.0	0.486283	Y
7	IC 410-627062/10	300.0	130.084634	50.0	1504366.0	0.433615	Y



Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

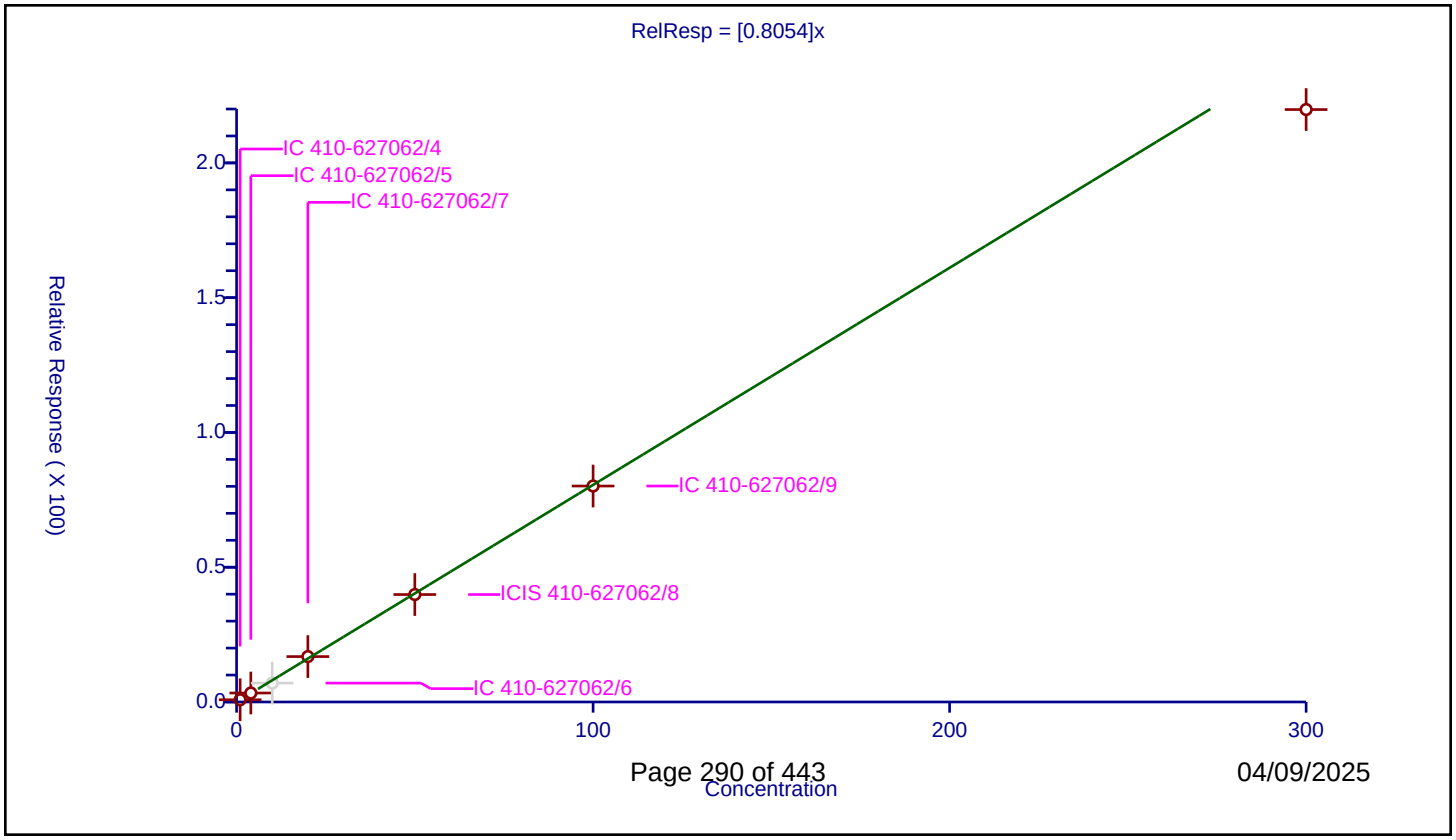
Curve Coefficients

Intercept:	0
Slope:	0.8054

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.827128	50.0	1194434.0	0.827128	Y
2	IC 410-627062/5	4.0	3.326941	50.0	1160856.0	0.831735	Y
3	IC 410-627062/6	10.0	7.012551	50.0	1192854.0	0.701255	N
4	IC 410-627062/7	20.0	16.847436	50.0	1250579.0	0.842372	Y
5	ICIS 410-627062/8	50.0	39.869648	50.0	1288050.0	0.797393	Y
6	IC 410-627062/9	100.0	80.12338	50.0	1374454.0	0.801234	Y
7	IC 410-627062/10	300.0	219.803359	50.0	1504366.0	0.732678	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

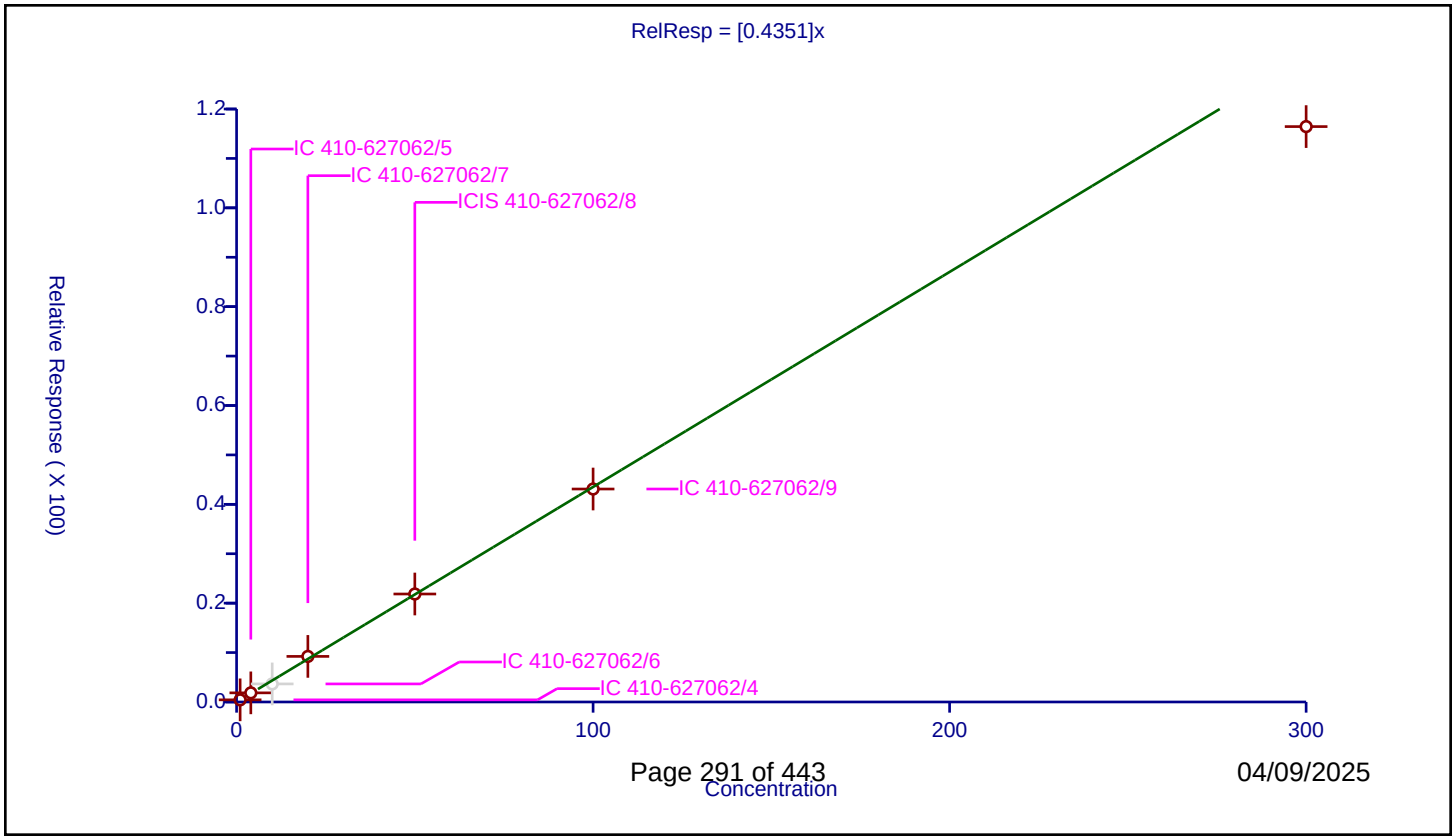
Curve Coefficients

Intercept:	0
Slope:	0.4351

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.431836	50.0	1194434.0	0.431836	Y
2	IC 410-627062/5	4.0	1.846611	50.0	1160856.0	0.461653	Y
3	IC 410-627062/6	10.0	3.654932	50.0	1192854.0	0.365493	N
4	IC 410-627062/7	20.0	9.223248	50.0	1250579.0	0.461162	Y
5	ICIS 410-627062/8	50.0	21.855634	50.0	1288050.0	0.437113	Y
6	IC 410-627062/9	100.0	43.09715	50.0	1374454.0	0.430971	Y
7	IC 410-627062/10	300.0	116.441976	50.0	1504366.0	0.38814	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

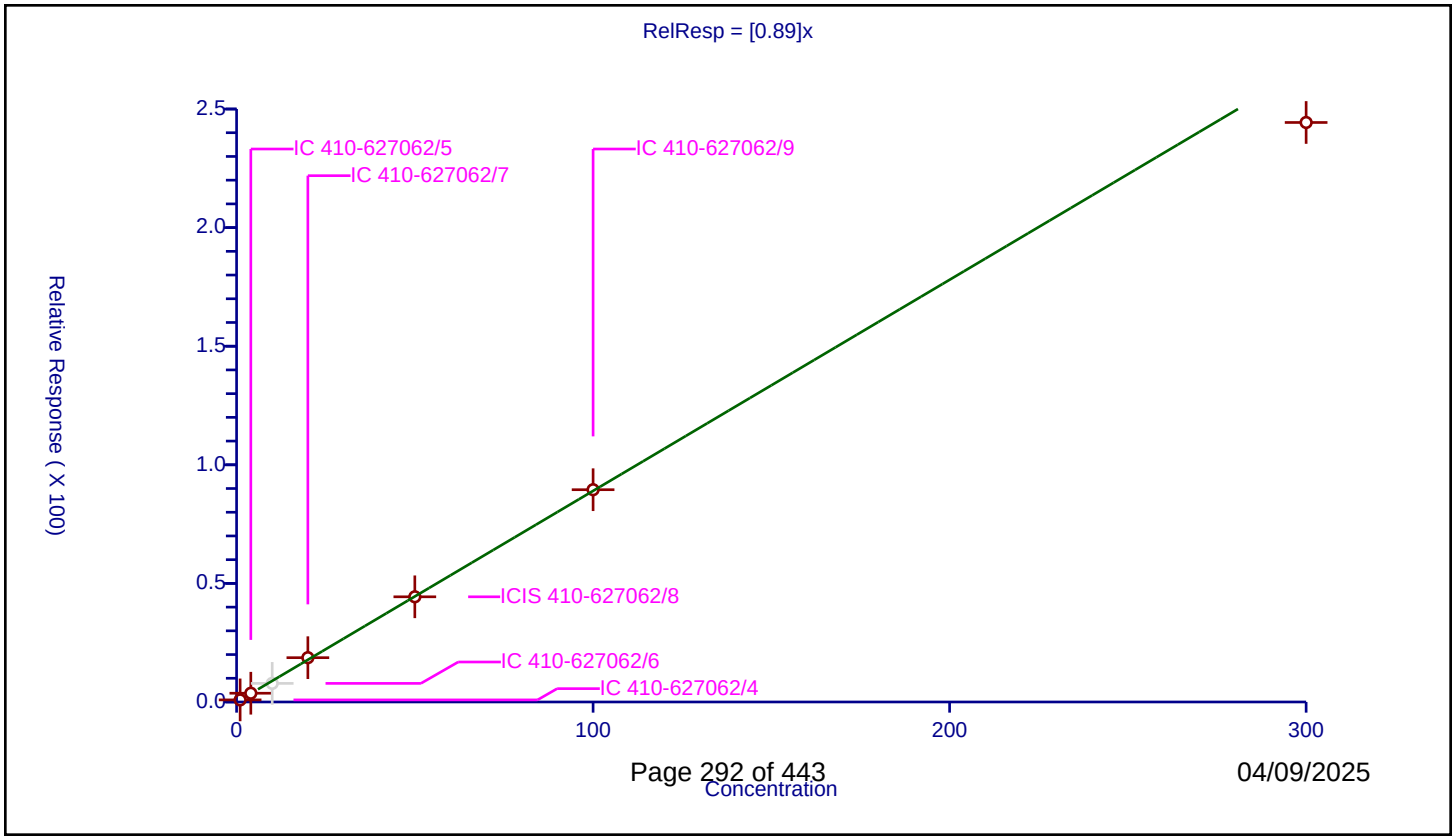
Curve Coefficients

Intercept:	0
Slope:	0.89

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.886026	50.0	1194434.0	0.886026	Y
2	IC 410-627062/5	4.0	3.696712	50.0	1160856.0	0.924178	Y
3	IC 410-627062/6	10.0	7.847063	50.0	1192854.0	0.784706	N
4	IC 410-627062/7	20.0	18.676029	50.0	1250579.0	0.933801	Y
5	ICIS 410-627062/8	50.0	44.34397	50.0	1288050.0	0.886879	Y
6	IC 410-627062/9	100.0	89.496447	50.0	1374454.0	0.894964	Y
7	IC 410-627062/10	300.0	244.317905	50.0	1504366.0	0.814393	Y



Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

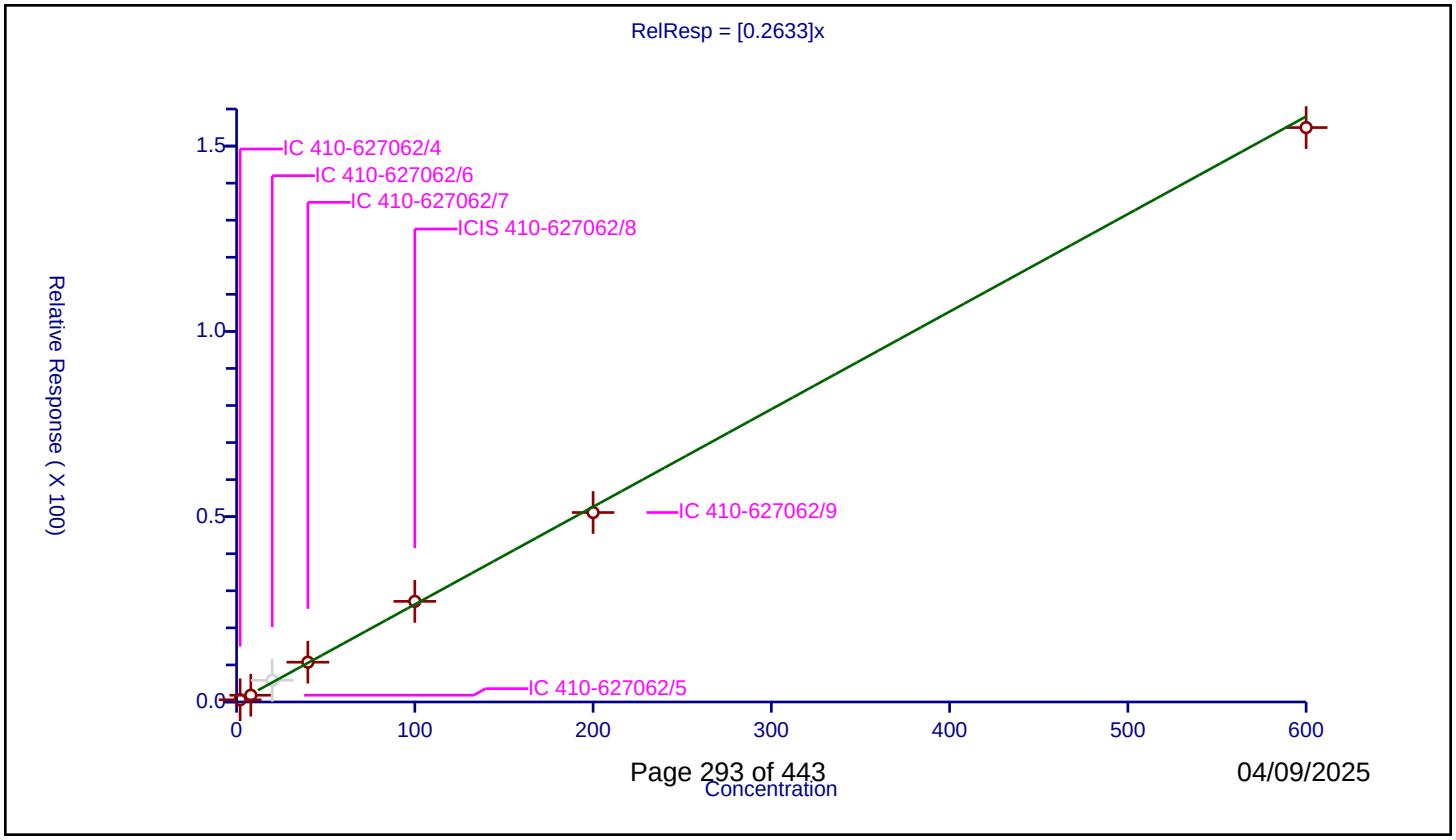
Curve Coefficients

Intercept:	0
Slope:	0.2633

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.0	0.595219	50.0	1194434.0	0.29761	Y
2	IC 410-627062/5	8.0	1.826712	50.0	1160856.0	0.228339	Y
3	IC 410-627062/6	20.0	5.848494	50.0	1192854.0	0.292425	N
4	IC 410-627062/7	40.0	10.737107	50.0	1250579.0	0.268428	Y
5	ICIS 410-627062/8	100.0	27.154575	50.0	1288050.0	0.271546	Y
6	IC 410-627062/9	200.0	51.124301	50.0	1374454.0	0.255622	Y
7	IC 410-627062/10	600.0	154.991372	50.0	1504366.0	0.258319	Y



04/09/2025

Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

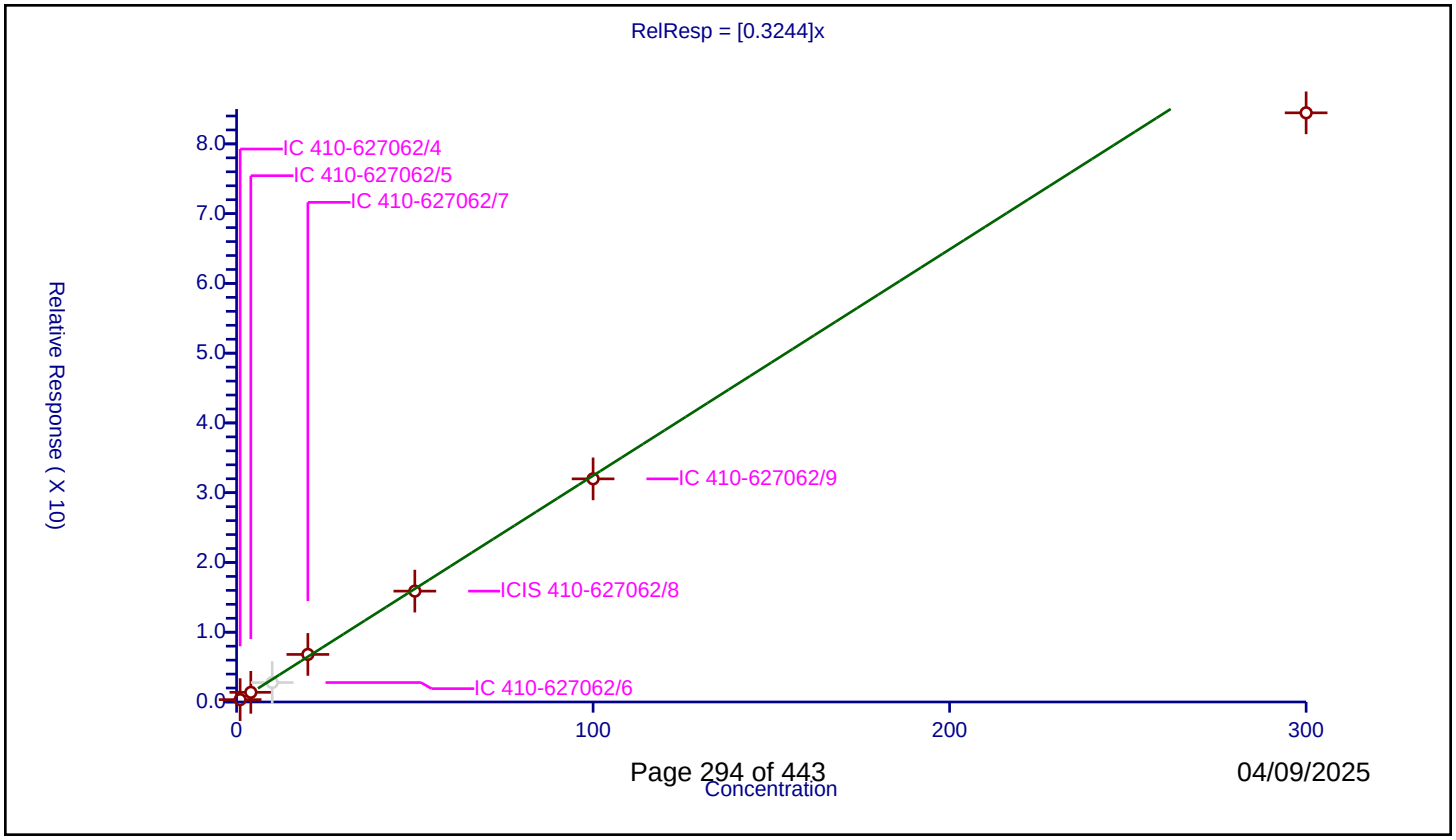
Curve Coefficients

Intercept:	0
Slope:	0.3244

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.340203	50.0	1194434.0	0.340203	Y
2	IC 410-627062/5	4.0	1.384108	50.0	1160856.0	0.346027	Y
3	IC 410-627062/6	10.0	2.788271	50.0	1192854.0	0.278827	N
4	IC 410-627062/7	20.0	6.818602	50.0	1250579.0	0.34093	Y
5	ICIS 410-627062/8	50.0	15.893211	50.0	1288050.0	0.317864	Y
6	IC 410-627062/9	100.0	31.986884	50.0	1374454.0	0.319869	Y
7	IC 410-627062/10	300.0	84.452288	50.0	1504366.0	0.281508	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

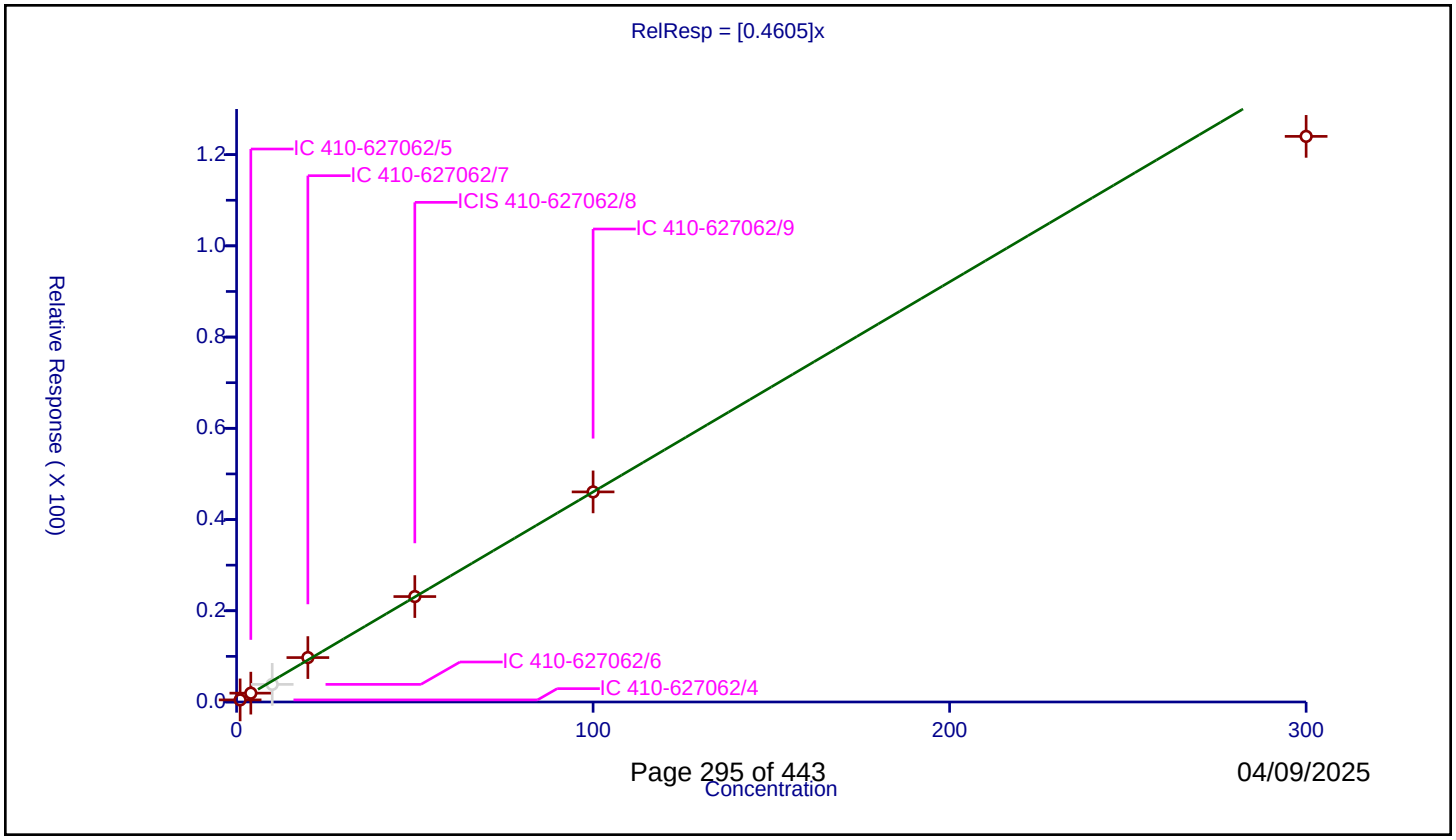
Curve Coefficients

Intercept:	0
Slope:	0.4605

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.456157	50.0	1194434.0	0.456157	Y
2	IC 410-627062/5	4.0	1.935727	50.0	1160856.0	0.483932	Y
3	IC 410-627062/6	10.0	3.858687	50.0	1192854.0	0.385869	N
4	IC 410-627062/7	20.0	9.734211	50.0	1250579.0	0.486711	Y
5	ICIS 410-627062/8	50.0	23.112729	50.0	1288050.0	0.462255	Y
6	IC 410-627062/9	100.0	46.056689	50.0	1374454.0	0.460567	Y
7	IC 410-627062/10	300.0	124.000509	50.0	1504366.0	0.413335	Y



Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

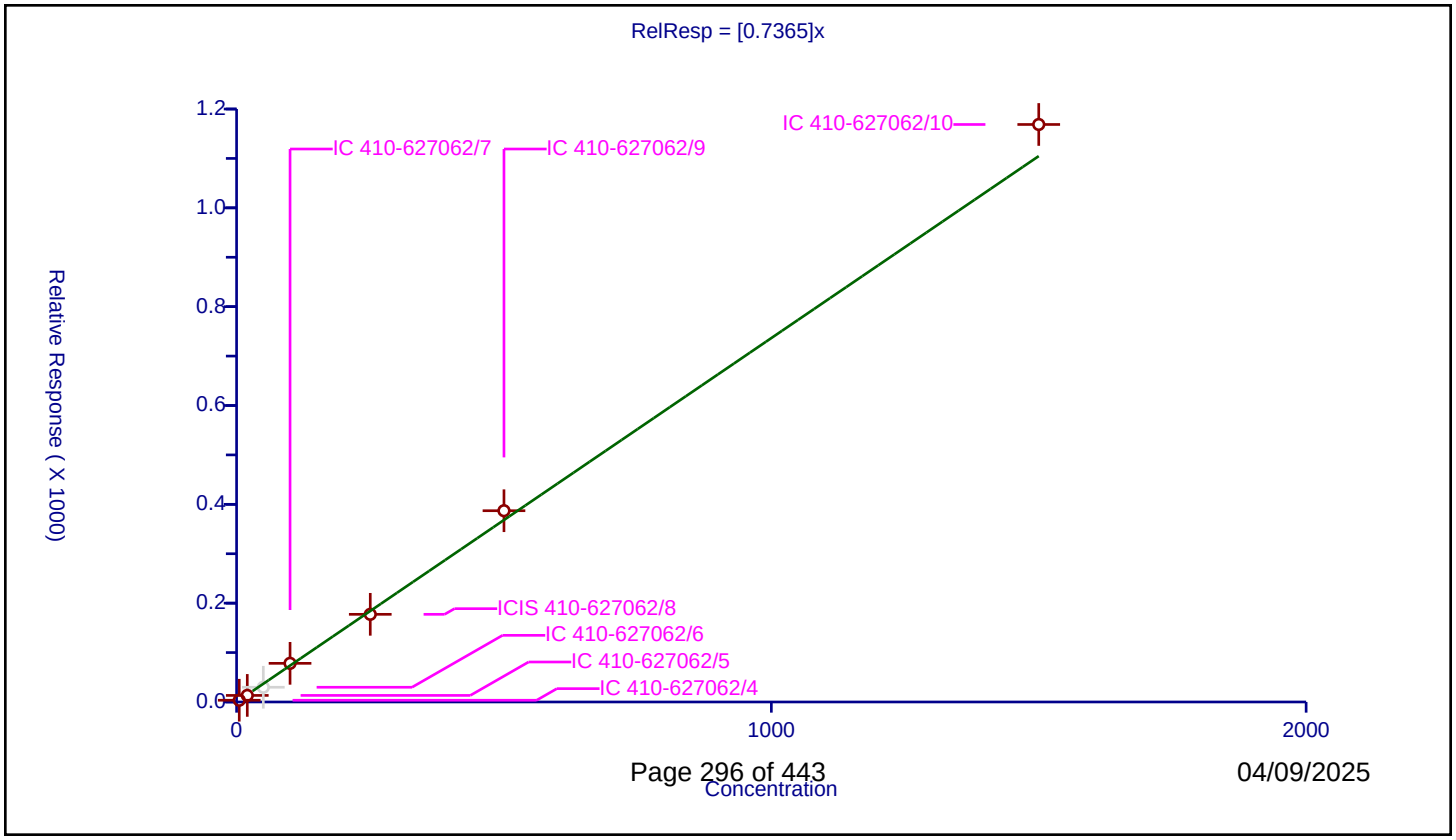
Curve Coefficients

Intercept:	0
Slope:	0.7365

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	5.0	3.539638	250.0	874595.0	0.707928	Y
2	IC 410-627062/5	20.0	13.319039	250.0	852295.0	0.665952	Y
3	IC 410-627062/6	50.0	29.794182	250.0	837051.0	0.595884	N
4	IC 410-627062/7	100.0	78.212281	250.0	774076.0	0.782123	Y
5	ICIS 410-627062/8	250.0	177.396051	250.0	857202.0	0.709584	Y
6	IC 410-627062/9	500.0	387.044754	250.0	853577.0	0.77409	Y
7	IC 410-627062/10	1500.0	1168.71349	250.0	864999.0	0.779142	Y



Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

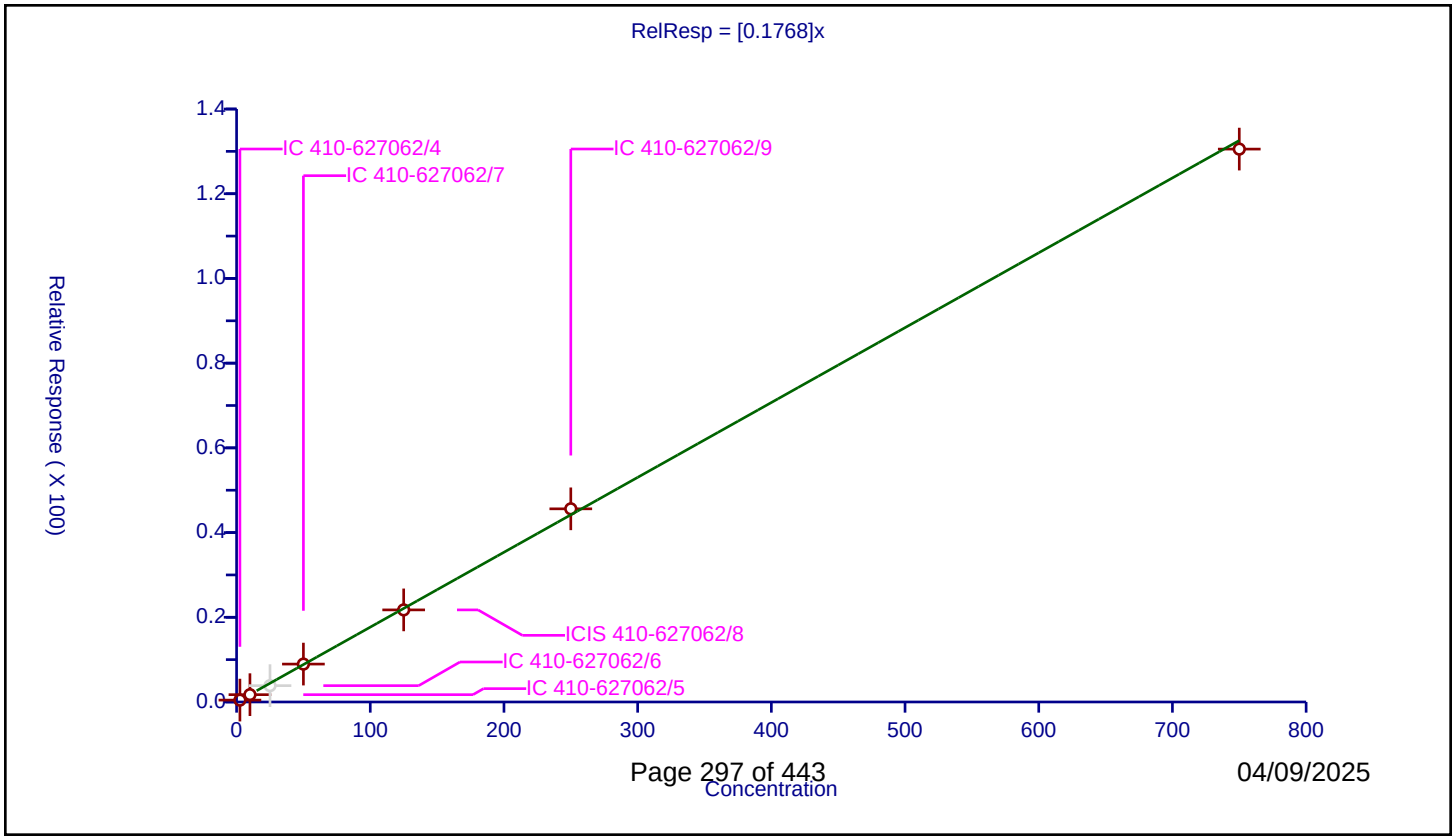
Curve Coefficients

Intercept:	0
Slope:	0.1768

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.5	0.446571	50.0	1194434.0	0.178629	Y
2	IC 410-627062/5	10.0	1.725451	50.0	1160856.0	0.172545	Y
3	IC 410-627062/6	25.0	3.85525	50.0	1192854.0	0.15421	N
4	IC 410-627062/7	50.0	8.947496	50.0	1250579.0	0.17895	Y
5	ICIS 410-627062/8	125.0	21.740499	50.0	1288050.0	0.173924	Y
6	IC 410-627062/9	250.0	45.603309	50.0	1374454.0	0.182413	Y
7	IC 410-627062/10	750.0	130.540241	50.0	1504366.0	0.174054	Y



Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

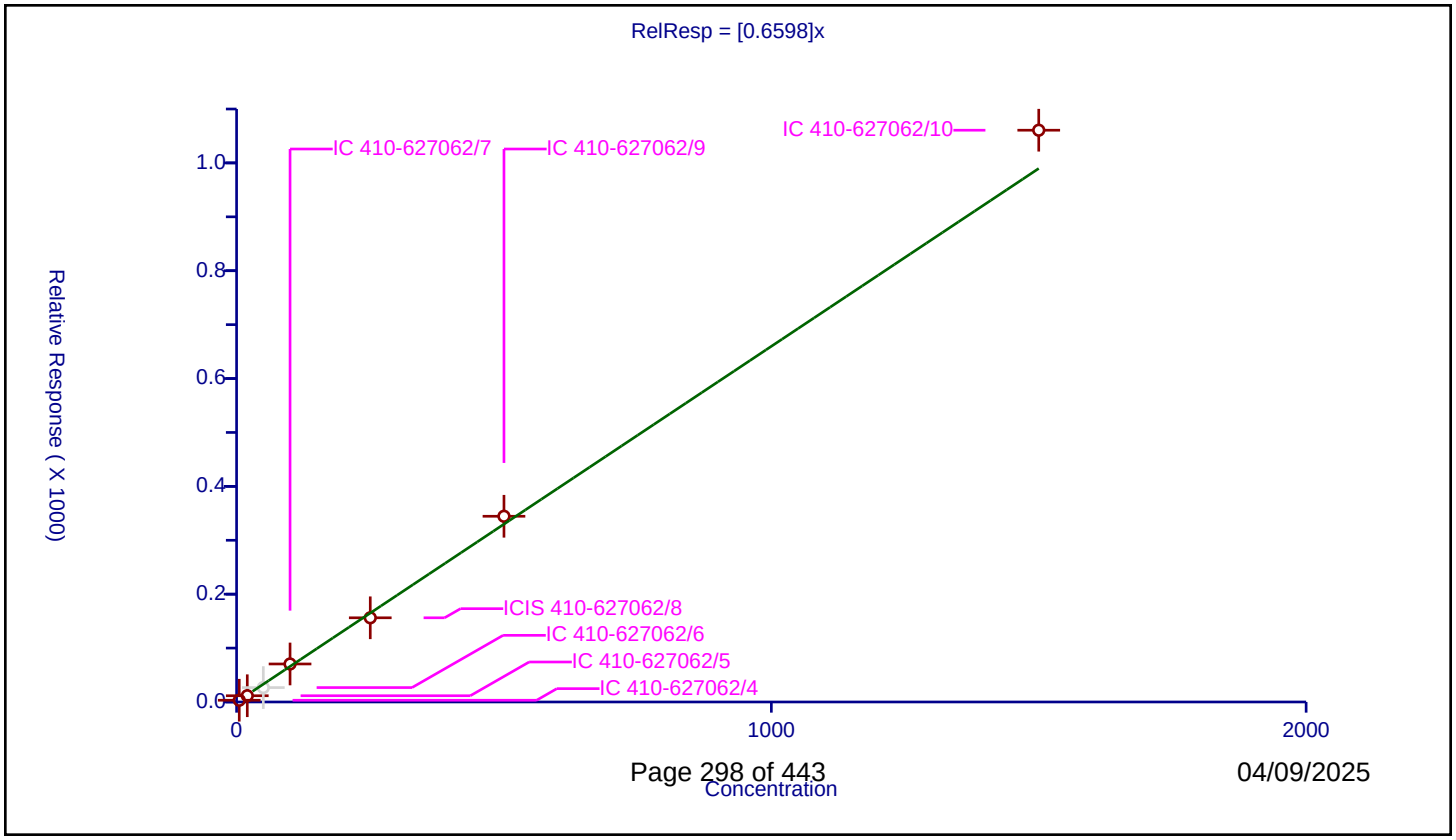
Curve Coefficients

Intercept:	0
Slope:	0.6598

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	5.0	3.259223	250.0	874595.0	0.651845	Y
2	IC 410-627062/5	20.0	11.61159	250.0	852295.0	0.580579	Y
3	IC 410-627062/6	50.0	26.714621	250.0	837051.0	0.534292	N
4	IC 410-627062/7	100.0	70.527636	250.0	774076.0	0.705276	Y
5	ICIS 410-627062/8	250.0	156.190431	250.0	857202.0	0.624762	Y
6	IC 410-627062/9	500.0	344.541559	250.0	853577.0	0.689083	Y
7	IC 410-627062/10	1500.0	1060.67666	250.0	864999.0	0.707118	Y



Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

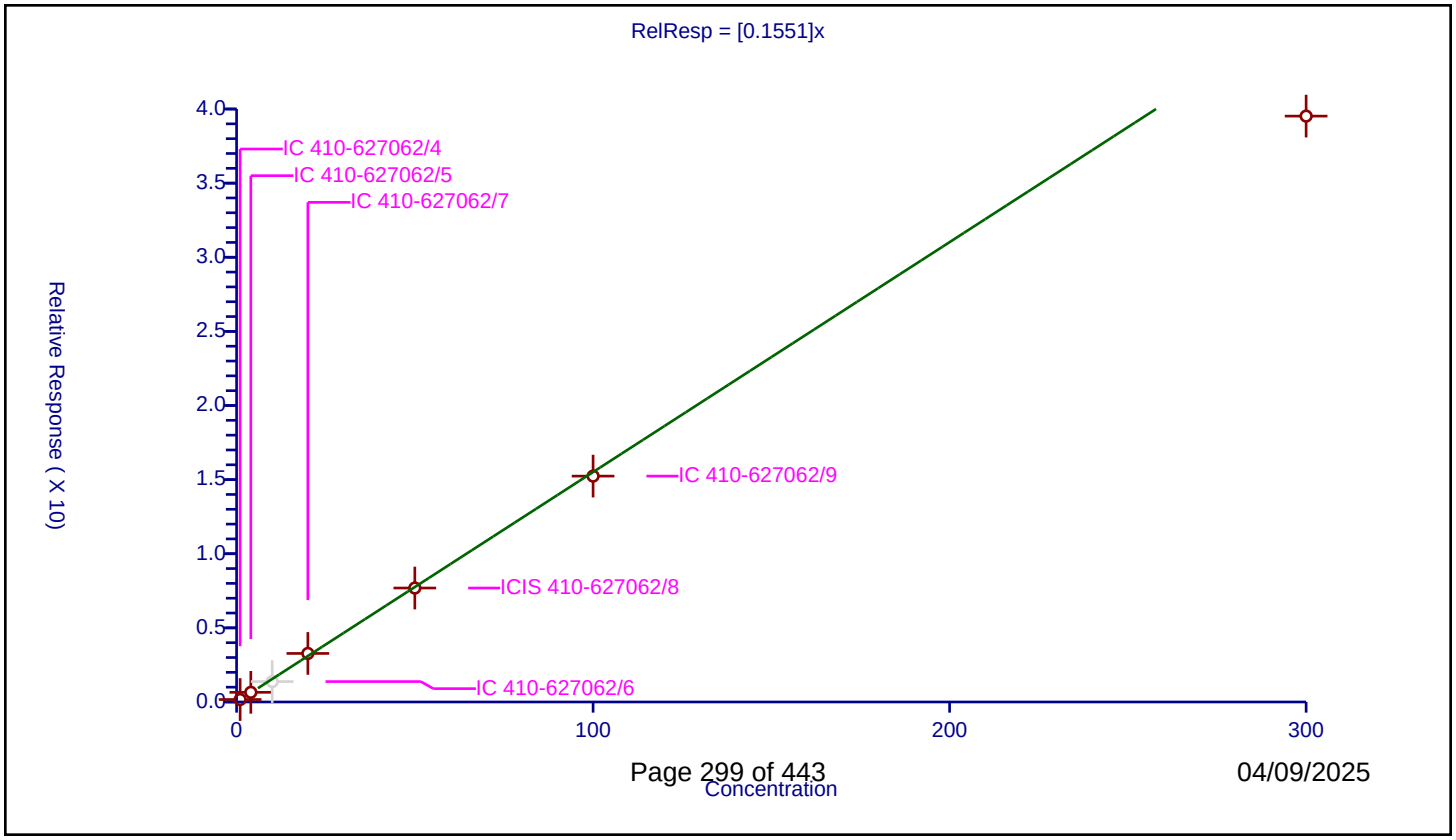
Curve Coefficients

Intercept:	0
Slope:	0.1551

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.165769	50.0	1194434.0	0.165769	Y
2	IC 410-627062/5	4.0	0.652837	50.0	1160856.0	0.163209	Y
3	IC 410-627062/6	10.0	1.37674	50.0	1192854.0	0.137674	N
4	IC 410-627062/7	20.0	3.274723	50.0	1250579.0	0.163736	Y
5	ICIS 410-627062/8	50.0	7.687706	50.0	1288050.0	0.153754	Y
6	IC 410-627062/9	100.0	15.237869	50.0	1374454.0	0.152379	Y
7	IC 410-627062/10	300.0	39.521666	50.0	1504366.0	0.131739	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

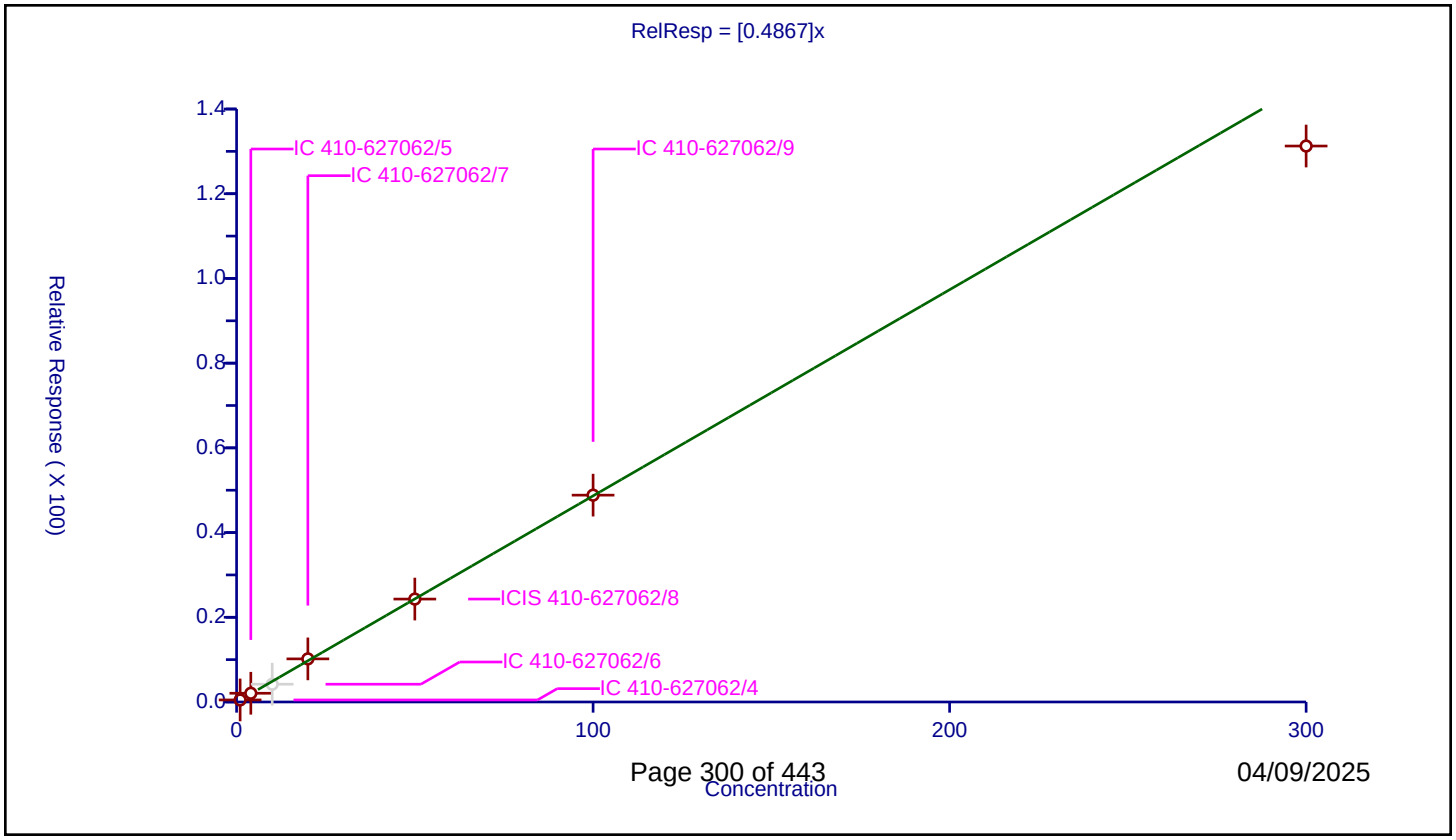
Curve Coefficients

Intercept:	0
Slope:	0.4867

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.484414	50.0	1194434.0	0.484414	Y
2	IC 410-627062/5	4.0	2.060333	50.0	1160856.0	0.515083	Y
3	IC 410-627062/6	10.0	4.194436	50.0	1192854.0	0.419444	N
4	IC 410-627062/7	20.0	10.176686	50.0	1250579.0	0.508834	Y
5	ICIS 410-627062/8	50.0	24.296766	50.0	1288050.0	0.485935	Y
6	IC 410-627062/9	100.0	48.832445	50.0	1374454.0	0.488324	Y
7	IC 410-627062/10	300.0	131.259647	50.0	1504366.0	0.437532	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

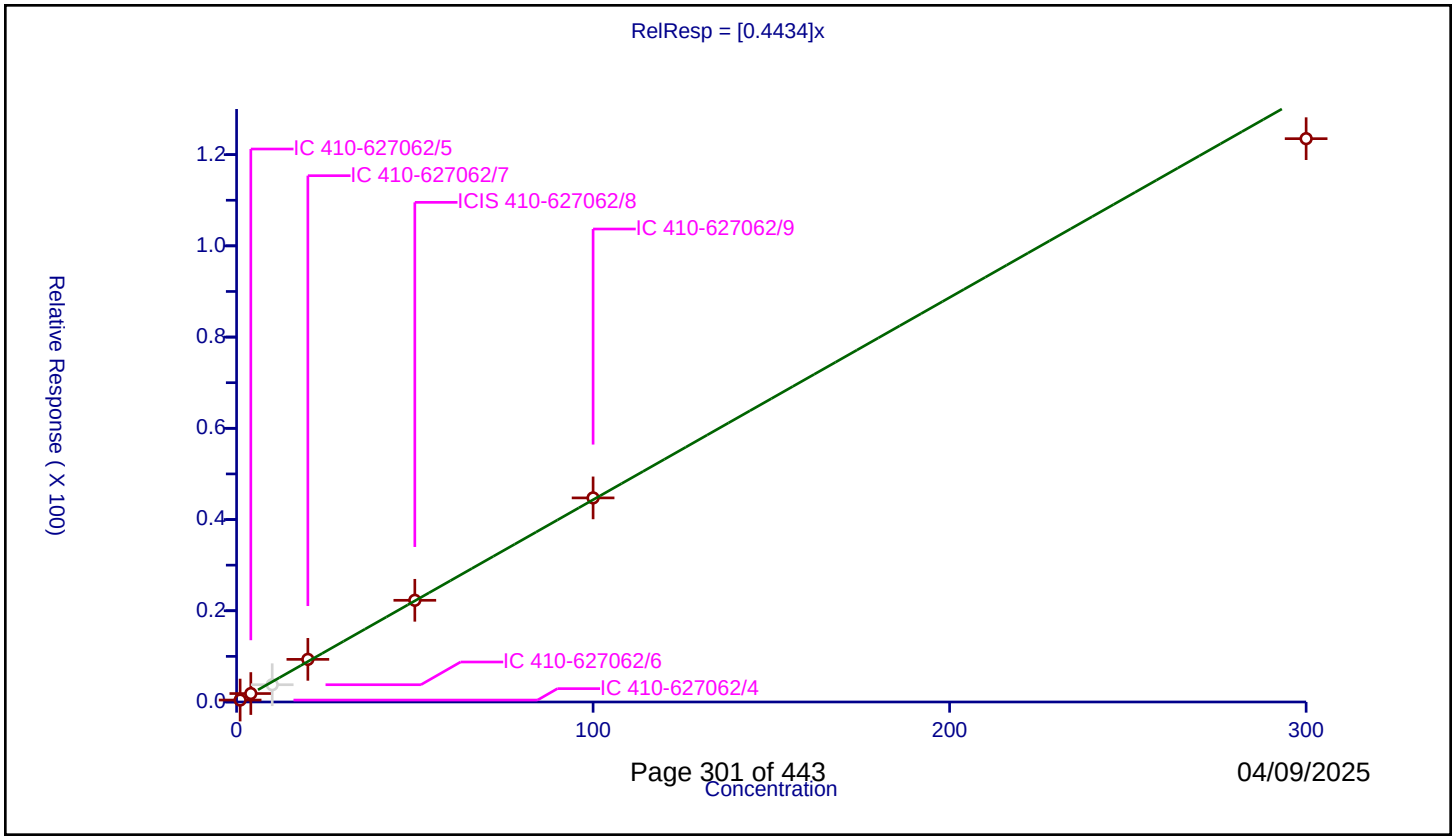
Curve Coefficients

Intercept:	0
Slope:	0.4434

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.425473	50.0	1194434.0	0.425473	Y
2	IC 410-627062/5	4.0	1.850445	50.0	1160856.0	0.462611	Y
3	IC 410-627062/6	10.0	3.783908	50.0	1192854.0	0.378391	N
4	IC 410-627062/7	20.0	9.344592	50.0	1250579.0	0.46723	Y
5	ICIS 410-627062/8	50.0	22.294748	50.0	1288050.0	0.445895	Y
6	IC 410-627062/9	100.0	44.743331	50.0	1374454.0	0.447433	Y
7	IC 410-627062/10	300.0	123.499434	50.0	1504366.0	0.411665	Y



Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

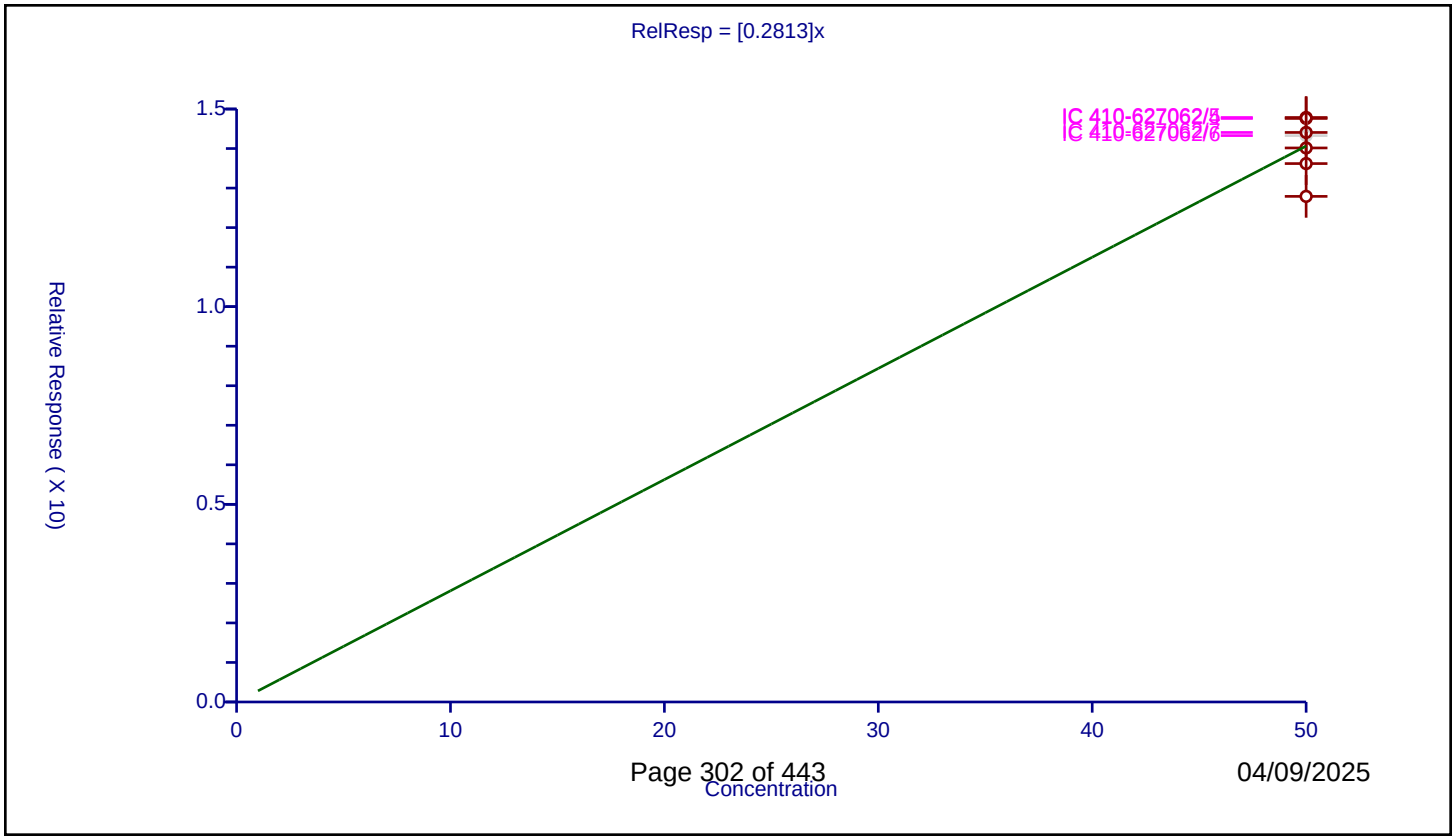
Curve Coefficients

Intercept:	0
Slope:	0.2813

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	50.0	14.76151	50.0	1194434.0	0.29523	Y
2	IC 410-627062/5	50.0	14.785426	50.0	1160856.0	0.295709	Y
3	IC 410-627062/6	50.0	14.327152	50.0	1192854.0	0.286543	N
4	IC 410-627062/7	50.0	14.406807	50.0	1250579.0	0.288136	Y
5	ICIS 410-627062/8	50.0	14.015062	50.0	1288050.0	0.280301	Y
6	IC 410-627062/9	50.0	13.61959	50.0	1374454.0	0.272392	Y
7	IC 410-627062/10	50.0	12.789973	50.0	1504366.0	0.255799	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

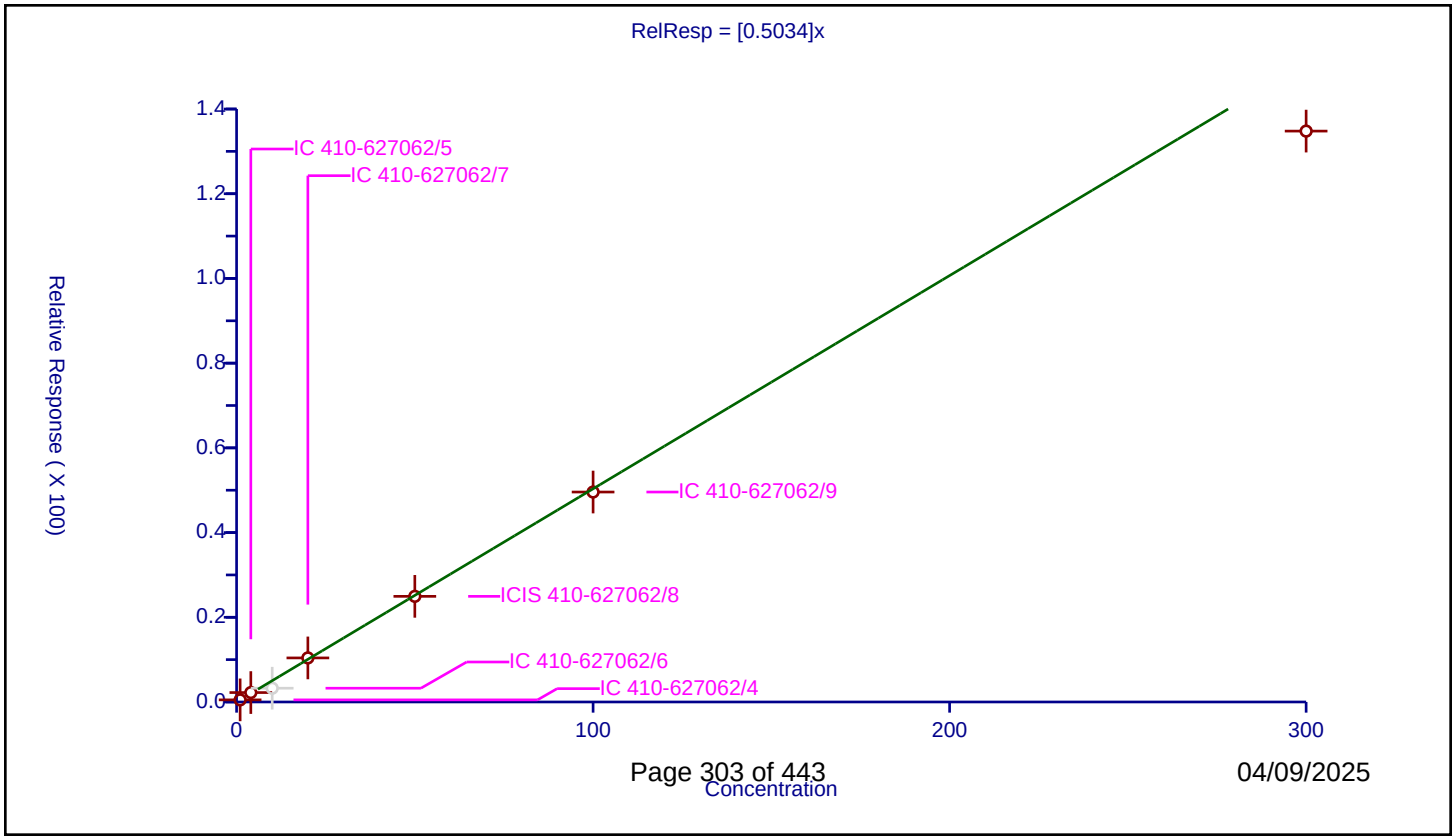
Curve Coefficients

Intercept:	0
Slope:	0.5034

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.499525	50.0	1194434.0	0.499525	Y
2	IC 410-627062/5	4.0	2.226202	50.0	1160856.0	0.556551	Y
3	IC 410-627062/6	10.0	3.254631	50.0	1192854.0	0.325463	N
4	IC 410-627062/7	20.0	10.407139	50.0	1250579.0	0.520357	Y
5	ICIS 410-627062/8	50.0	24.938589	50.0	1288050.0	0.498772	Y
6	IC 410-627062/9	100.0	49.569684	50.0	1374454.0	0.495697	Y
7	IC 410-627062/10	300.0	134.785218	50.0	1504366.0	0.449284	Y



Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

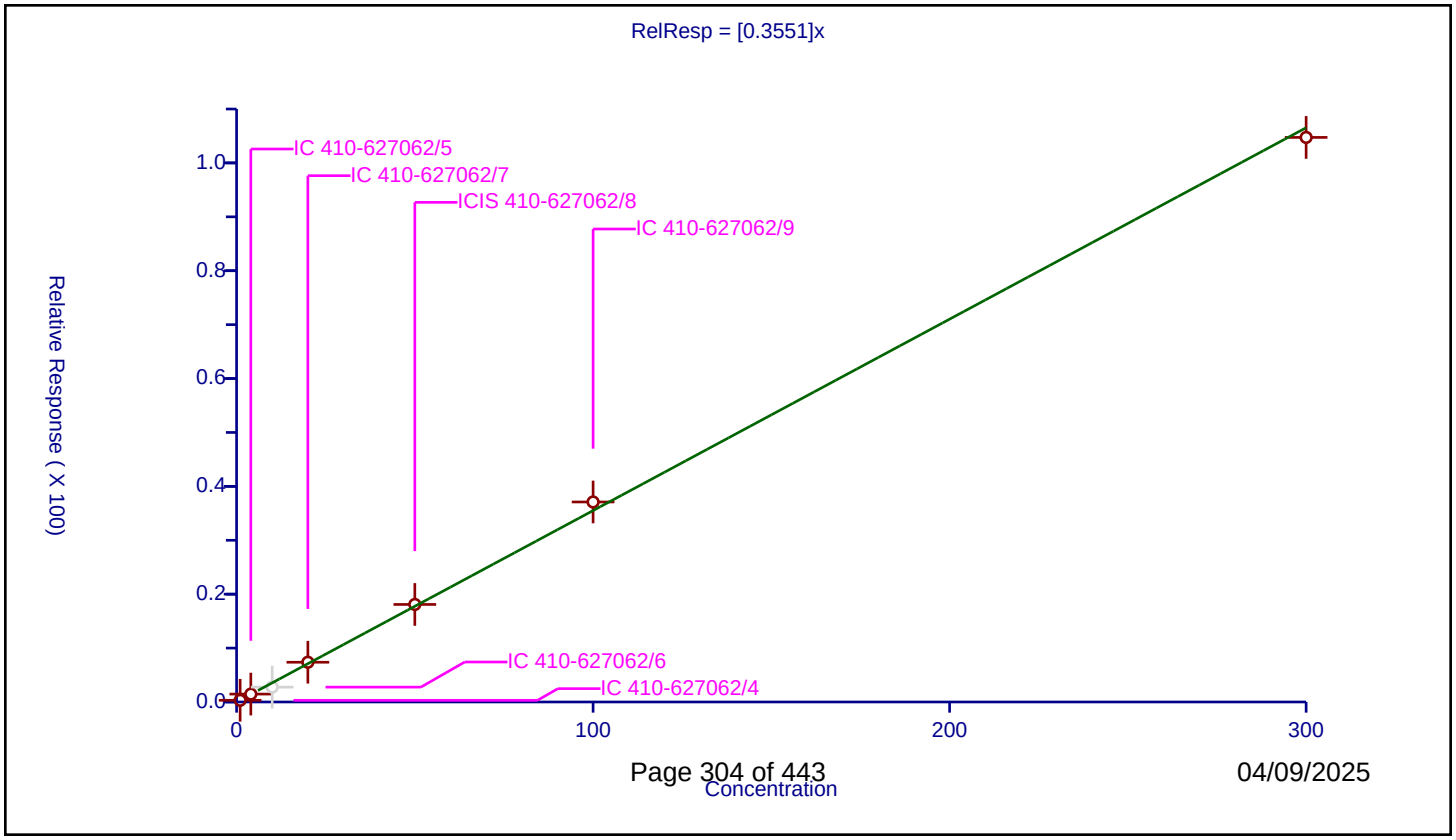
Curve Coefficients

Intercept:	0
Slope:	0.3551

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.313286	50.0	1194434.0	0.313286	Y
2	IC 410-627062/5	4.0	1.465815	50.0	1160856.0	0.366454	Y
3	IC 410-627062/6	10.0	2.756792	50.0	1192854.0	0.275679	N
4	IC 410-627062/7	20.0	7.374864	50.0	1250579.0	0.368743	Y
5	ICIS 410-627062/8	50.0	18.095144	50.0	1288050.0	0.361903	Y
6	IC 410-627062/9	100.0	37.102042	50.0	1374454.0	0.37102	Y
7	IC 410-627062/10	300.0	104.730897	50.0	1504366.0	0.349103	Y



Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

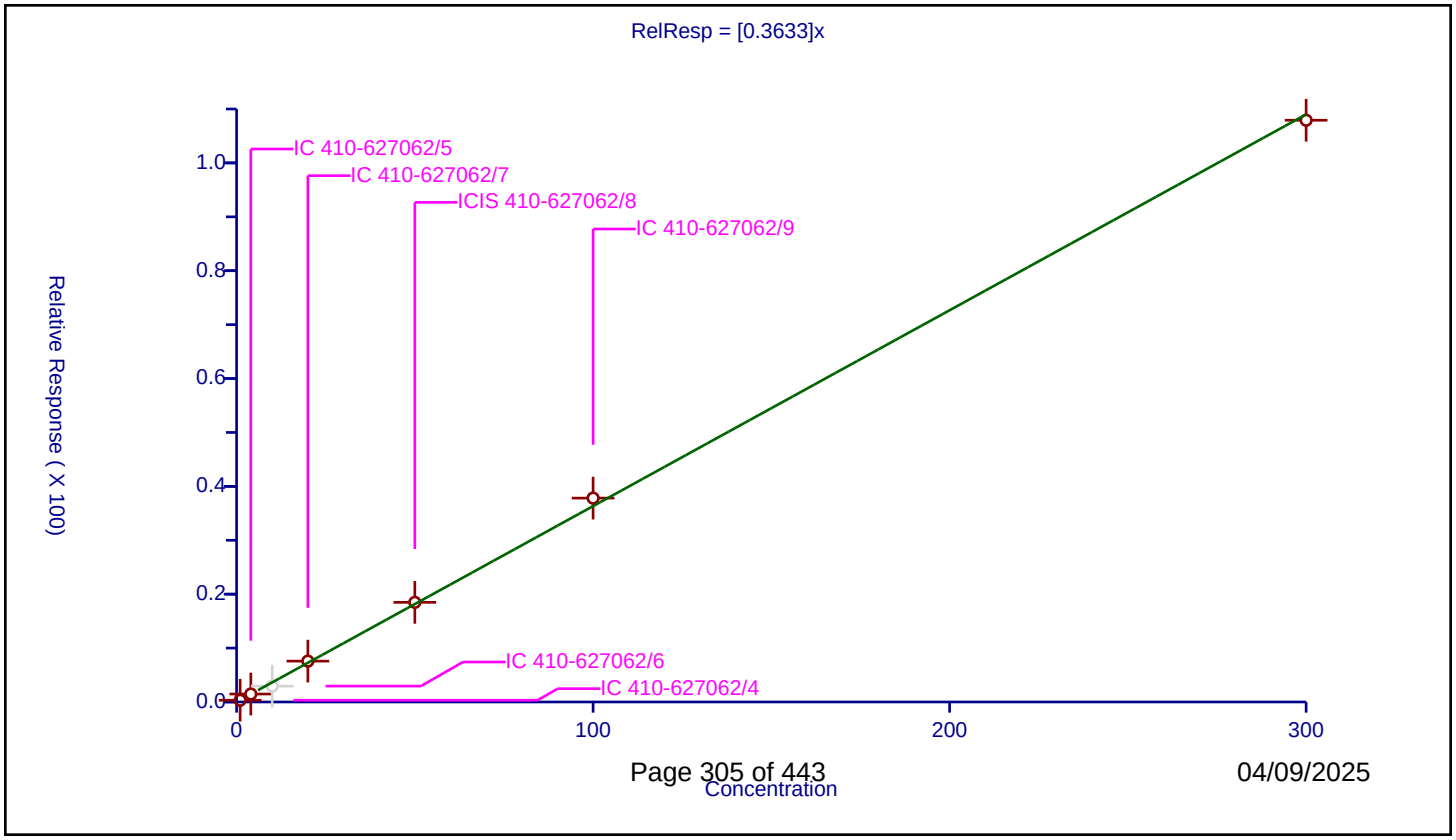
Curve Coefficients

Intercept:	0
Slope:	0.3633

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.323542	50.0	1194434.0	0.323542	Y
2	IC 410-627062/5	4.0	1.478866	50.0	1160856.0	0.369716	Y
3	IC 410-627062/6	10.0	2.947427	50.0	1192854.0	0.294743	N
4	IC 410-627062/7	20.0	7.583367	50.0	1250579.0	0.379168	Y
5	ICIS 410-627062/8	50.0	18.481775	50.0	1288050.0	0.369635	Y
6	IC 410-627062/9	100.0	37.822983	50.0	1374454.0	0.37823	Y
7	IC 410-627062/10	300.0	107.91576	50.0	1504366.0	0.359719	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

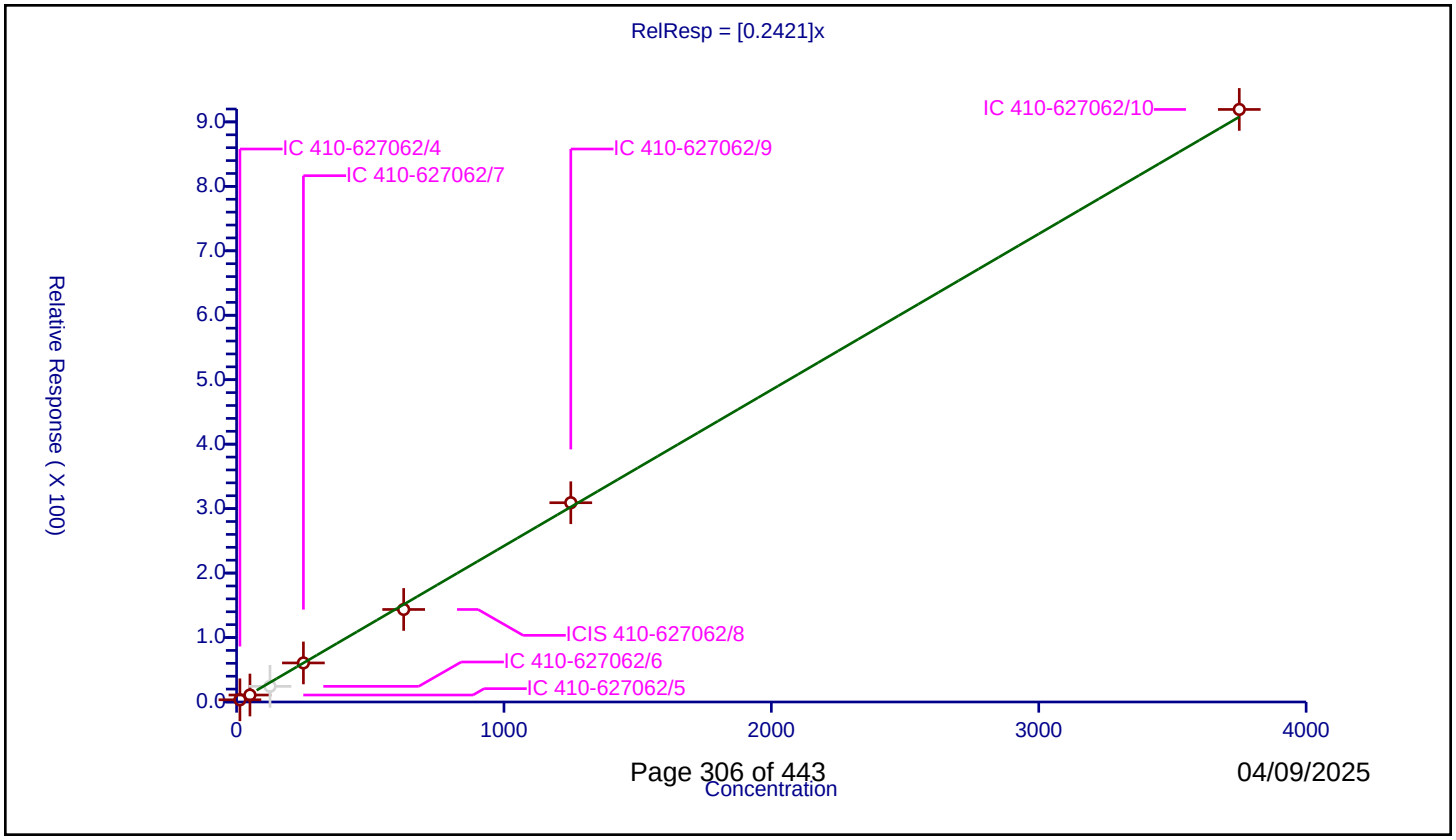
Curve Coefficients

Intercept:	0
Slope:	0.2421

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	12.5	3.395286	250.0	874595.0	0.271623	Y
2	IC 410-627062/5	50.0	10.817557	250.0	852295.0	0.216351	Y
3	IC 410-627062/6	125.0	24.253301	250.0	837051.0	0.194026	N
4	IC 410-627062/7	250.0	60.572541	250.0	774076.0	0.24229	Y
5	ICIS 410-627062/8	625.0	143.563011	250.0	857202.0	0.229701	Y
6	IC 410-627062/9	1250.0	309.155765	250.0	853577.0	0.247325	Y
7	IC 410-627062/10	3750.0	919.31956	250.0	864999.0	0.245152	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

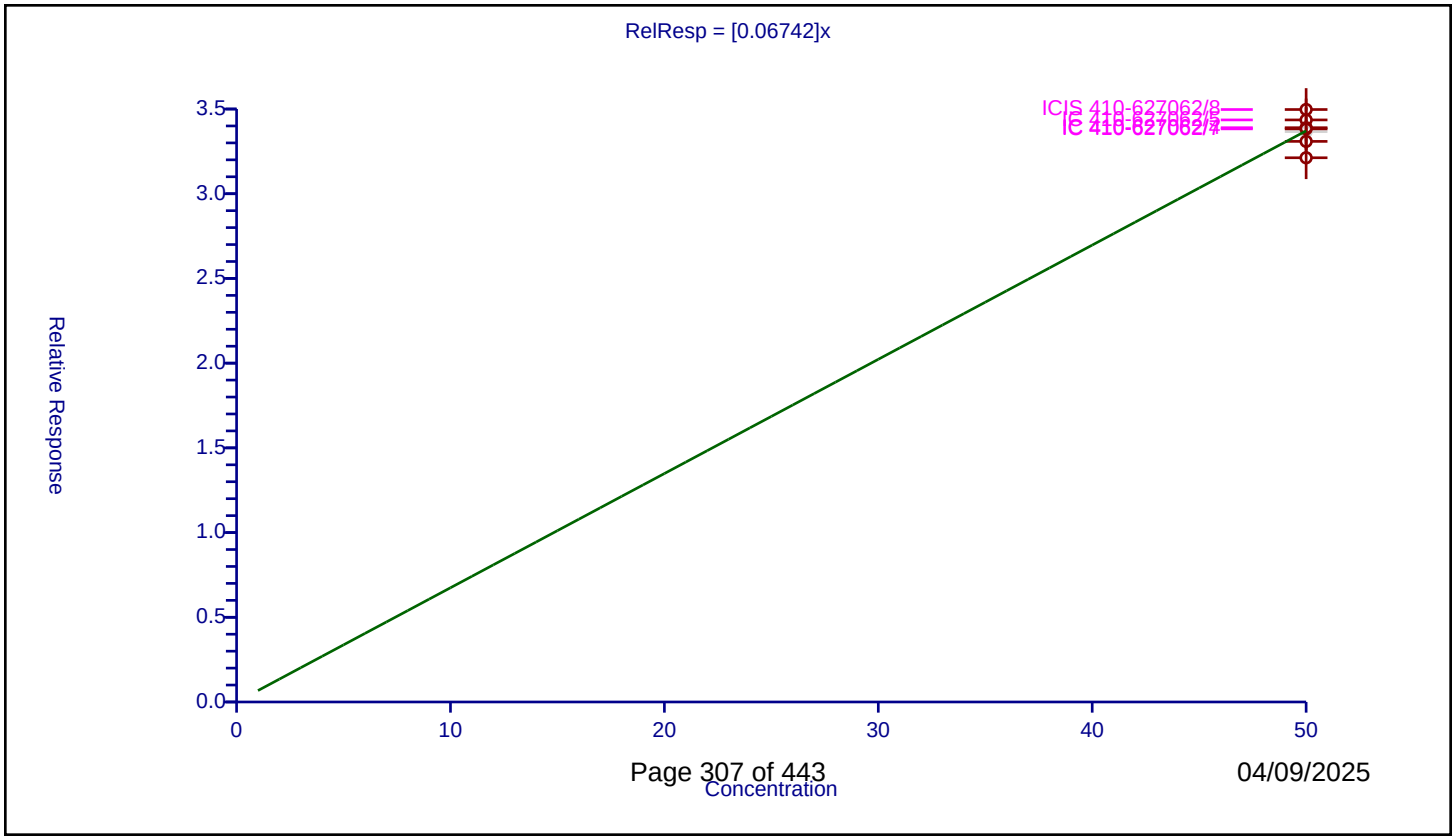
Curve Coefficients

Intercept:	0
Slope:	0.06742

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	50.0	3.389597	50.0	1194434.0	0.067792	Y
2	IC 410-627062/5	50.0	3.435654	50.0	1160856.0	0.068713	Y
3	IC 410-627062/6	50.0	3.366464	50.0	1192854.0	0.067329	N
4	IC 410-627062/7	50.0	3.382673	50.0	1250579.0	0.067653	Y
5	ICIS 410-627062/8	50.0	3.496953	50.0	1288050.0	0.069939	Y
6	IC 410-627062/9	50.0	3.30895	50.0	1374454.0	0.066179	Y
7	IC 410-627062/10	50.0	3.212283	50.0	1504366.0	0.064246	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

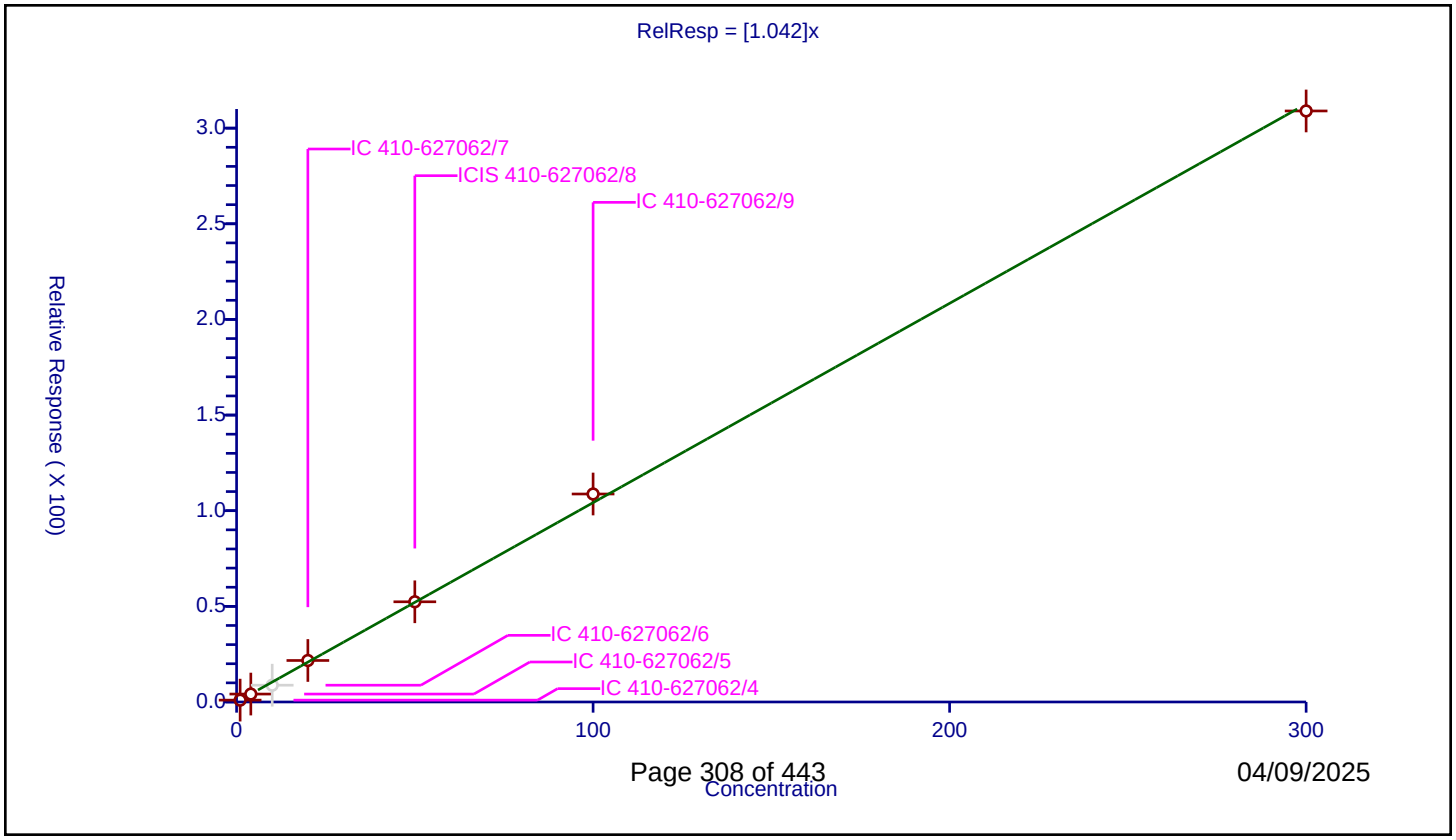
Curve Coefficients

Intercept:	0
Slope:	1.042

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.966567	50.0	1194434.0	0.966567	Y
2	IC 410-627062/5	4.0	4.144356	50.0	1160856.0	1.036089	Y
3	IC 410-627062/6	10.0	8.771694	50.0	1192854.0	0.877169	N
4	IC 410-627062/7	20.0	21.693272	50.0	1250579.0	1.084664	Y
5	ICIS 410-627062/8	50.0	52.37945	50.0	1288050.0	1.047589	Y
6	IC 410-627062/9	100.0	108.736305	50.0	1374454.0	1.087363	Y
7	IC 410-627062/10	300.0	308.988803	50.0	1504366.0	1.029963	Y



Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

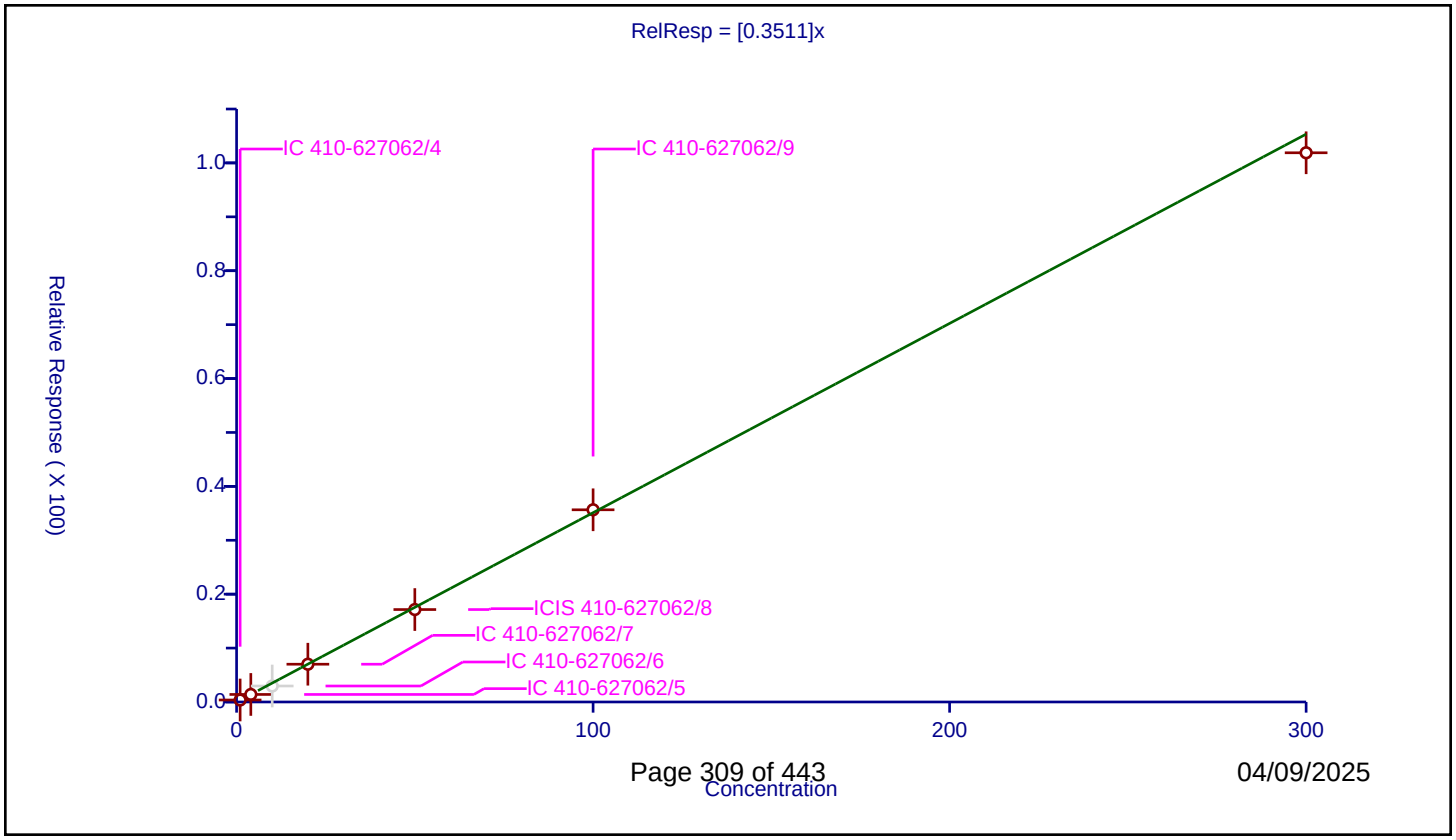
Curve Coefficients

Intercept:	0
Slope:	0.3511

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.368417	50.0	1194434.0	0.368417	Y
2	IC 410-627062/5	4.0	1.395479	50.0	1160856.0	0.34887	Y
3	IC 410-627062/6	10.0	2.963732	50.0	1192854.0	0.296373	N
4	IC 410-627062/7	20.0	7.008074	50.0	1250579.0	0.350404	Y
5	ICIS 410-627062/8	50.0	17.147083	50.0	1288050.0	0.342942	Y
6	IC 410-627062/9	100.0	35.656231	50.0	1374454.0	0.356562	Y
7	IC 410-627062/10	300.0	101.883484	50.0	1504366.0	0.339612	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

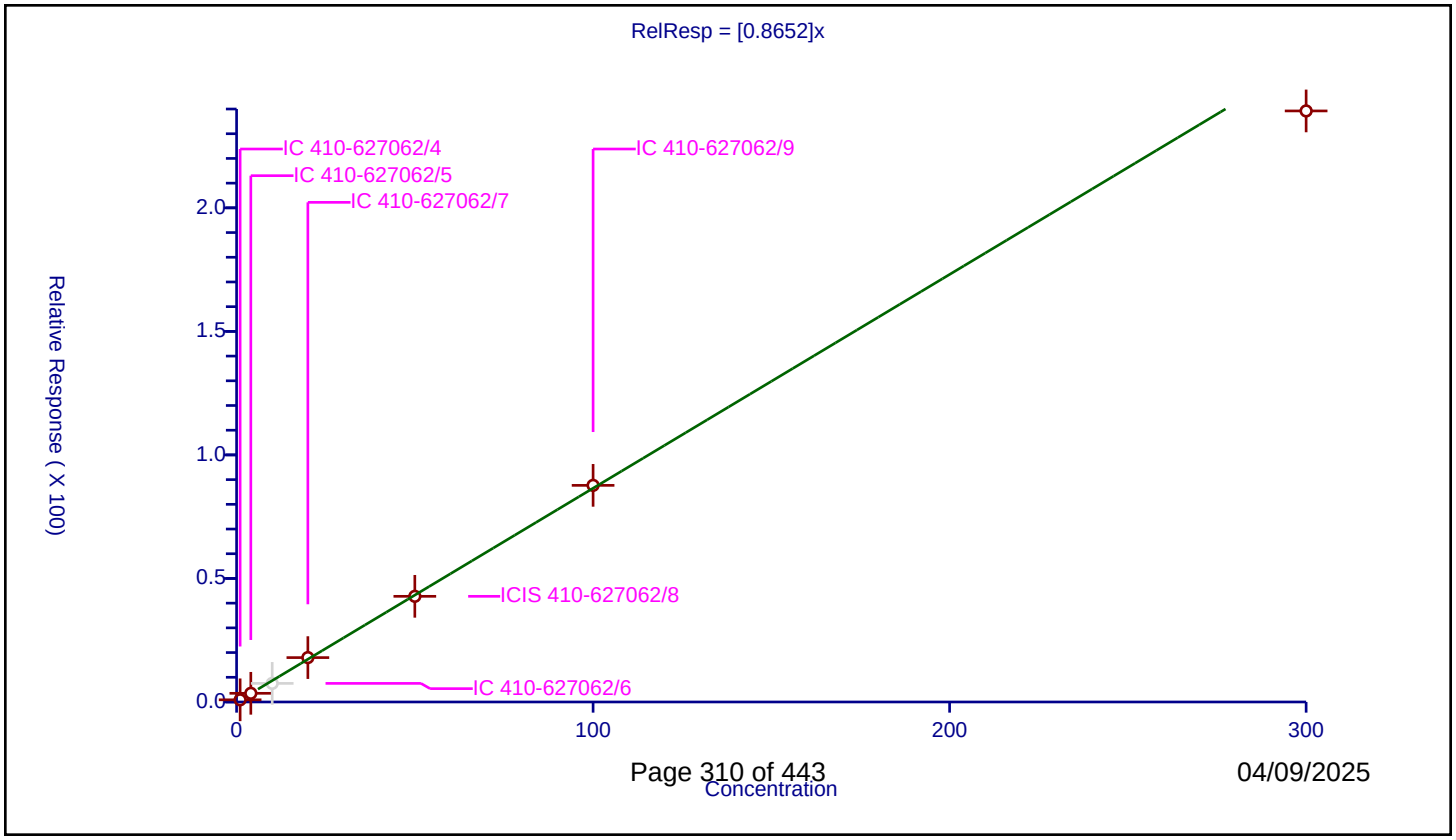
Curve Coefficients

Intercept:	0
Slope:	0.8652

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.88385	50.0	1194434.0	0.88385	Y
2	IC 410-627062/5	4.0	3.517361	50.0	1160856.0	0.87934	Y
3	IC 410-627062/6	10.0	7.528122	50.0	1192854.0	0.752812	N
4	IC 410-627062/7	20.0	17.970036	50.0	1250579.0	0.898502	Y
5	ICIS 410-627062/8	50.0	42.766935	50.0	1288050.0	0.855339	Y
6	IC 410-627062/9	100.0	87.680017	50.0	1374454.0	0.8768	Y
7	IC 410-627062/10	300.0	239.219479	50.0	1504366.0	0.797398	Y



Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

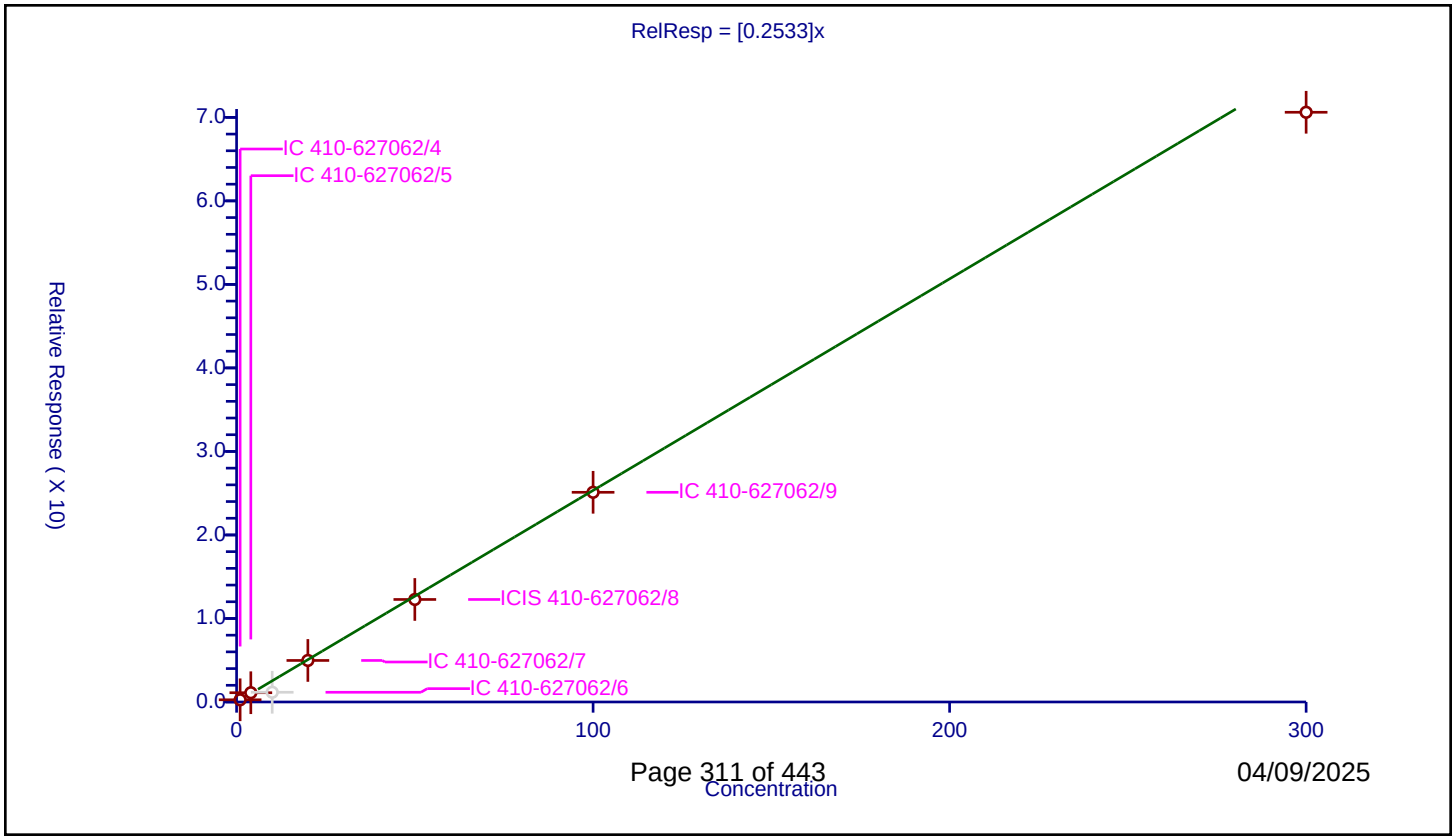
Curve Coefficients

Intercept:	0
Slope:	0.2533

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.2623	50.0	1194434.0	0.2623	Y
2	IC 410-627062/5	4.0	1.108191	50.0	1160856.0	0.277048	Y
3	IC 410-627062/6	10.0	1.162716	50.0	1192854.0	0.116272	N
4	IC 410-627062/7	20.0	4.972177	50.0	1250579.0	0.248609	Y
5	ICIS 410-627062/8	50.0	12.274951	50.0	1288050.0	0.245499	Y
6	IC 410-627062/9	100.0	25.107643	50.0	1374454.0	0.251076	Y
7	IC 410-627062/10	300.0	70.609712	50.0	1504366.0	0.235366	Y



Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

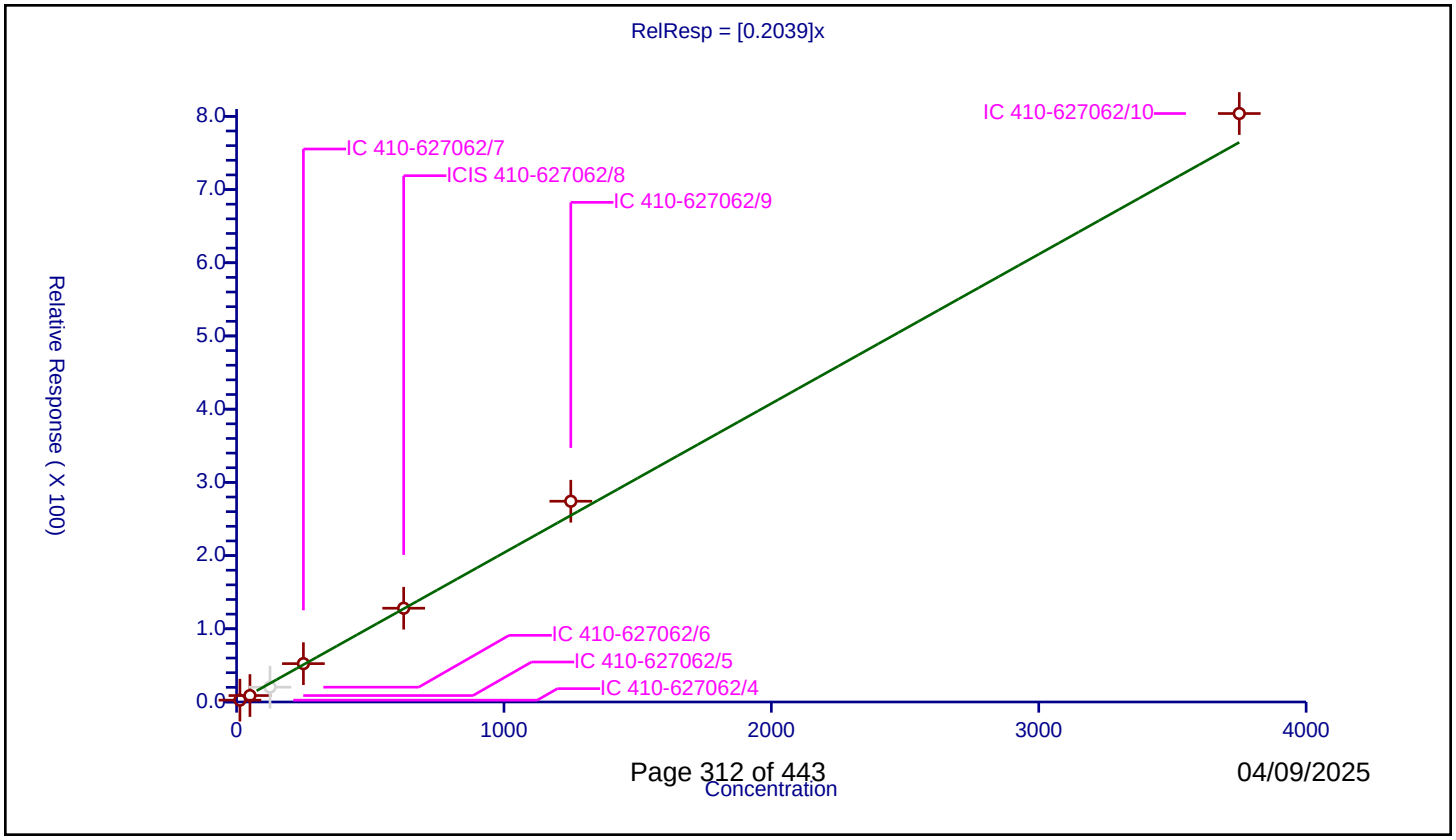
Curve Coefficients

Intercept:	0
Slope:	0.2039

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	12.5	2.487723	250.0	874595.0	0.199018	Y
2	IC 410-627062/5	50.0	8.788917	250.0	852295.0	0.175778	Y
3	IC 410-627062/6	125.0	20.223678	250.0	837051.0	0.161789	N
4	IC 410-627062/7	250.0	52.417334	250.0	774076.0	0.209669	Y
5	ICIS 410-627062/8	625.0	128.077454	250.0	857202.0	0.204924	Y
6	IC 410-627062/9	1250.0	274.238294	250.0	853577.0	0.219391	Y
7	IC 410-627062/10	3750.0	803.844571	250.0	864999.0	0.214359	Y



Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

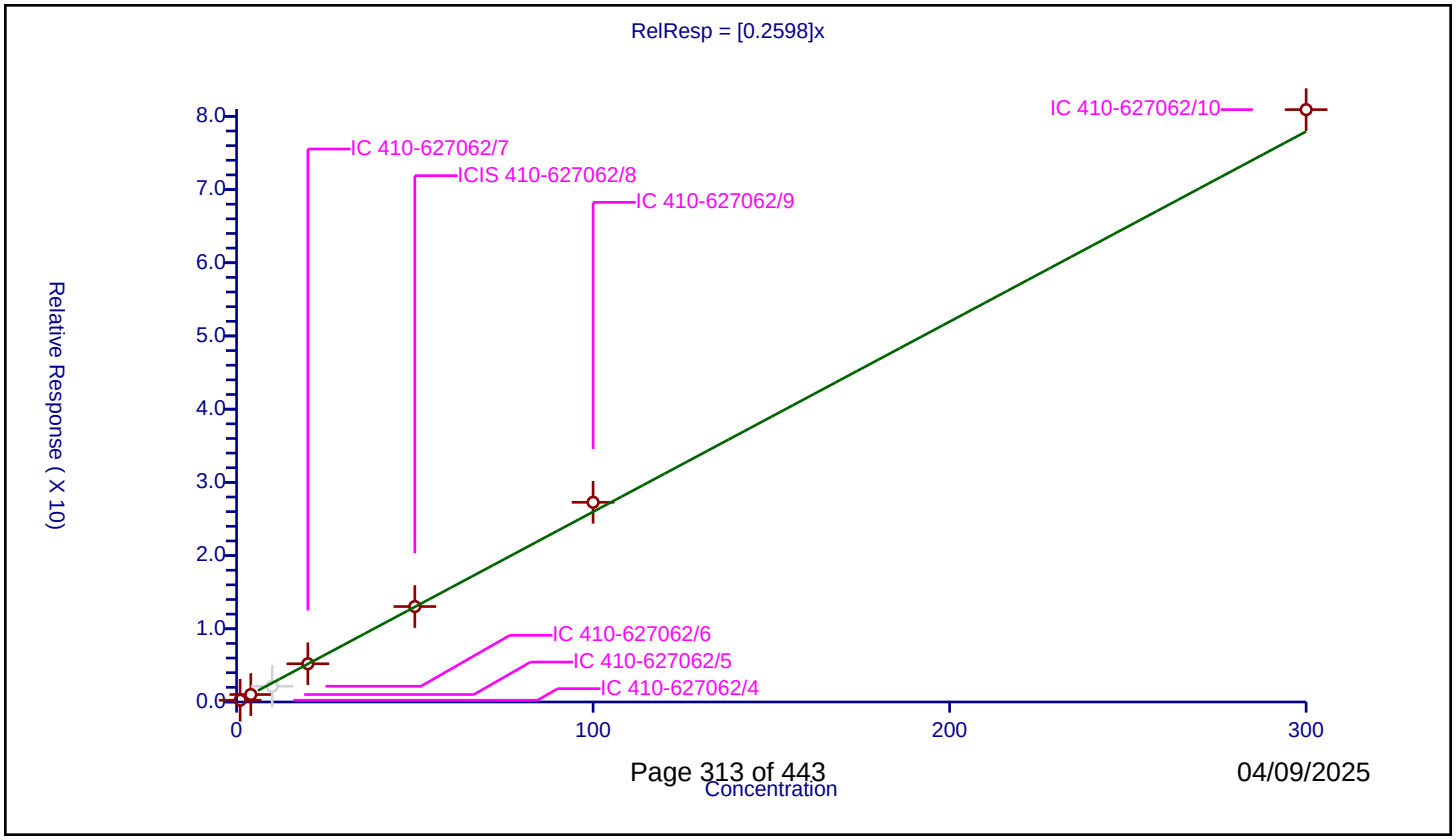
Curve Coefficients

Intercept:	0
Slope:	0.2598

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.239486	50.0	1194434.0	0.239486	Y
2	IC 410-627062/5	4.0	1.018903	50.0	1160856.0	0.254726	Y
3	IC 410-627062/6	10.0	2.147581	50.0	1192854.0	0.214758	N
4	IC 410-627062/7	20.0	5.222501	50.0	1250579.0	0.261125	Y
5	ICIS 410-627062/8	50.0	13.038314	50.0	1288050.0	0.260766	Y
6	IC 410-627062/9	100.0	27.276977	50.0	1374454.0	0.27277	Y
7	IC 410-627062/10	300.0	80.915781	50.0	1504366.0	0.269719	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

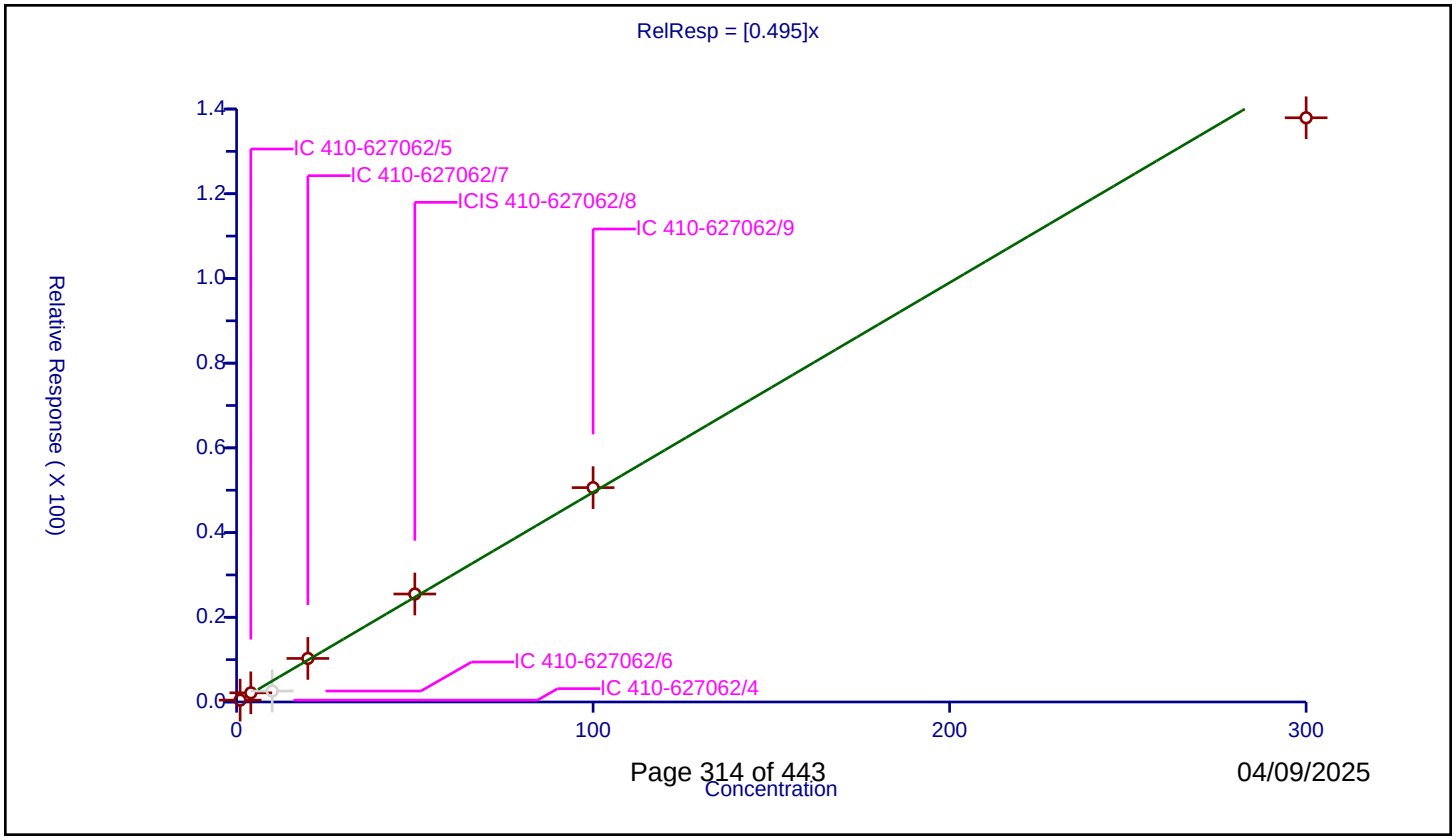
Curve Coefficients

Intercept:	0
Slope:	0.495

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.439748	50.0	1194434.0	0.439748	Y
2	IC 410-627062/5	4.0	2.162154	50.0	1160856.0	0.540539	Y
3	IC 410-627062/6	10.0	2.585438	50.0	1192854.0	0.258544	N
4	IC 410-627062/7	20.0	10.282117	50.0	1250579.0	0.514106	Y
5	ICIS 410-627062/8	50.0	25.493847	50.0	1288050.0	0.509877	Y
6	IC 410-627062/9	100.0	50.608314	50.0	1374454.0	0.506083	Y
7	IC 410-627062/10	300.0	137.934917	50.0	1504366.0	0.459783	Y



Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

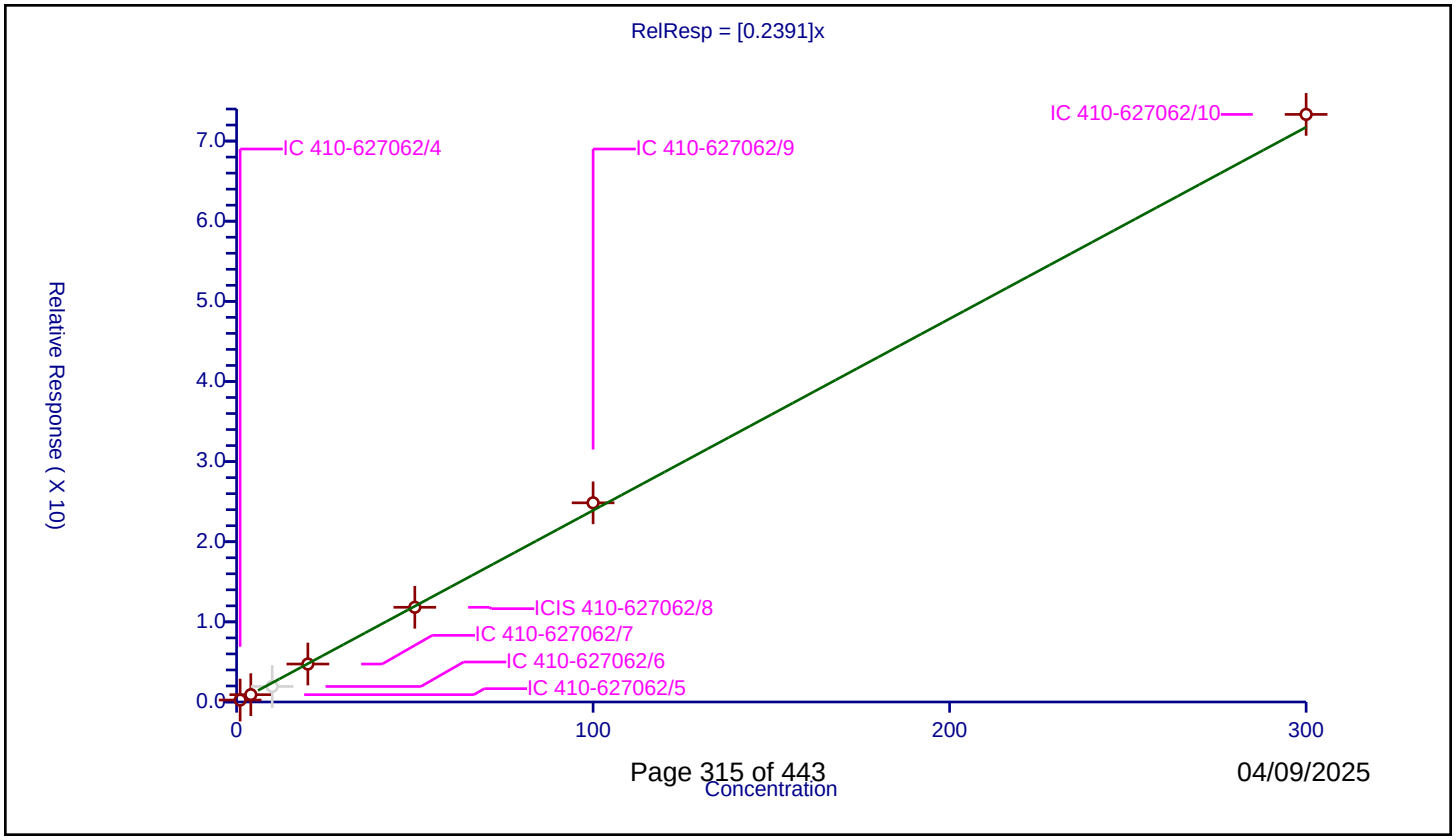
Curve Coefficients

Intercept:	0
Slope:	0.2391

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.239946	50.0	1194434.0	0.239946	Y
2	IC 410-627062/5	4.0	0.914282	50.0	1160856.0	0.228571	Y
3	IC 410-627062/6	10.0	1.93561	50.0	1192854.0	0.193561	N
4	IC 410-627062/7	20.0	4.737366	50.0	1250579.0	0.236868	Y
5	ICIS 410-627062/8	50.0	11.817243	50.0	1288050.0	0.236345	Y
6	IC 410-627062/9	100.0	24.85336	50.0	1374454.0	0.248534	Y
7	IC 410-627062/10	300.0	73.326637	50.0	1504366.0	0.244422	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

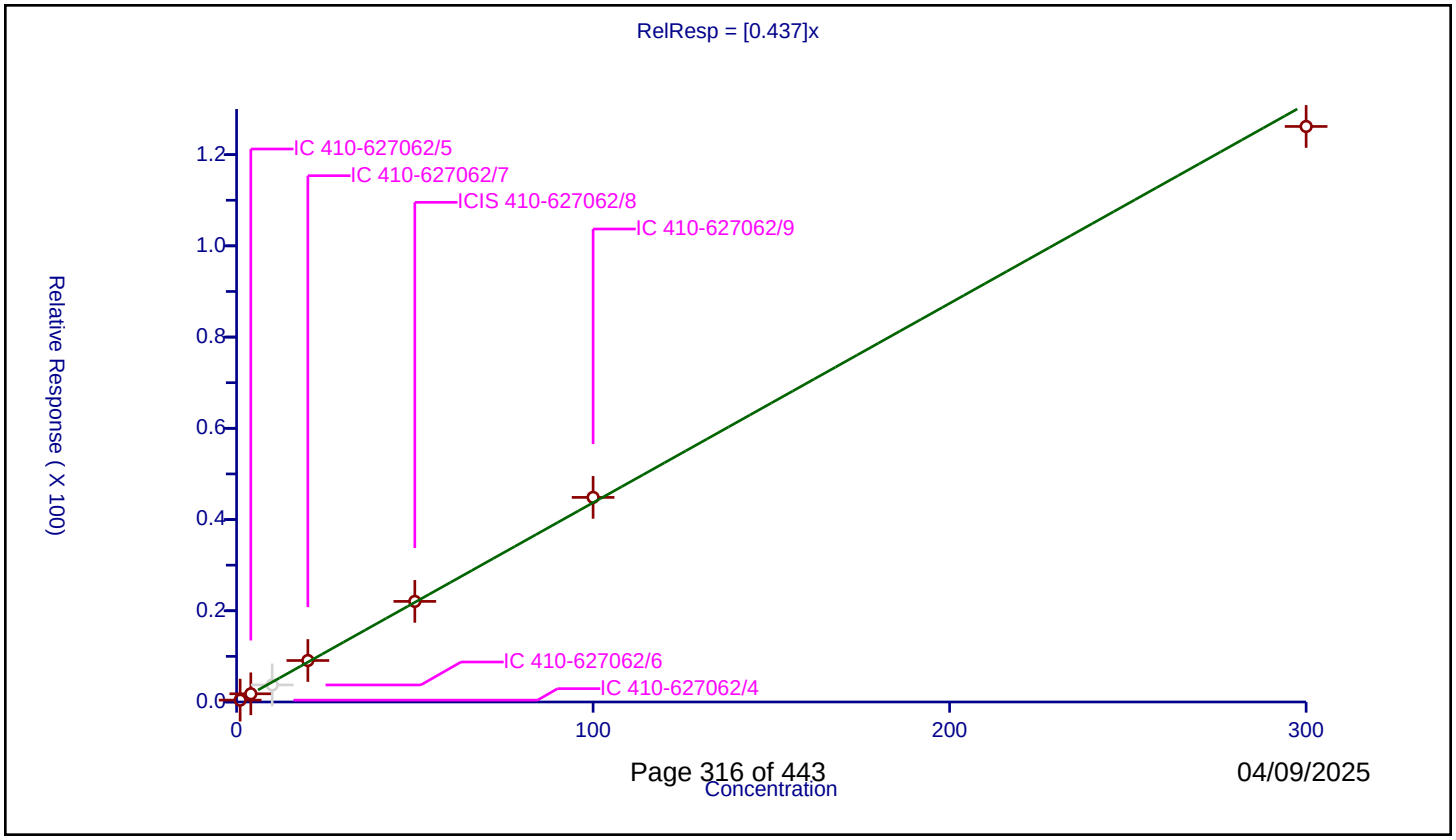
Curve Coefficients

Intercept:	0
Slope:	0.437

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.407515	50.0	1194434.0	0.407515	Y
2	IC 410-627062/5	4.0	1.797467	50.0	1160856.0	0.449367	Y
3	IC 410-627062/6	10.0	3.736124	50.0	1192854.0	0.373612	N
4	IC 410-627062/7	20.0	9.091789	50.0	1250579.0	0.454589	Y
5	ICIS 410-627062/8	50.0	22.056364	50.0	1288050.0	0.441127	Y
6	IC 410-627062/9	100.0	44.857158	50.0	1374454.0	0.448572	Y
7	IC 410-627062/10	300.0	126.176276	50.0	1504366.0	0.420588	Y



Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

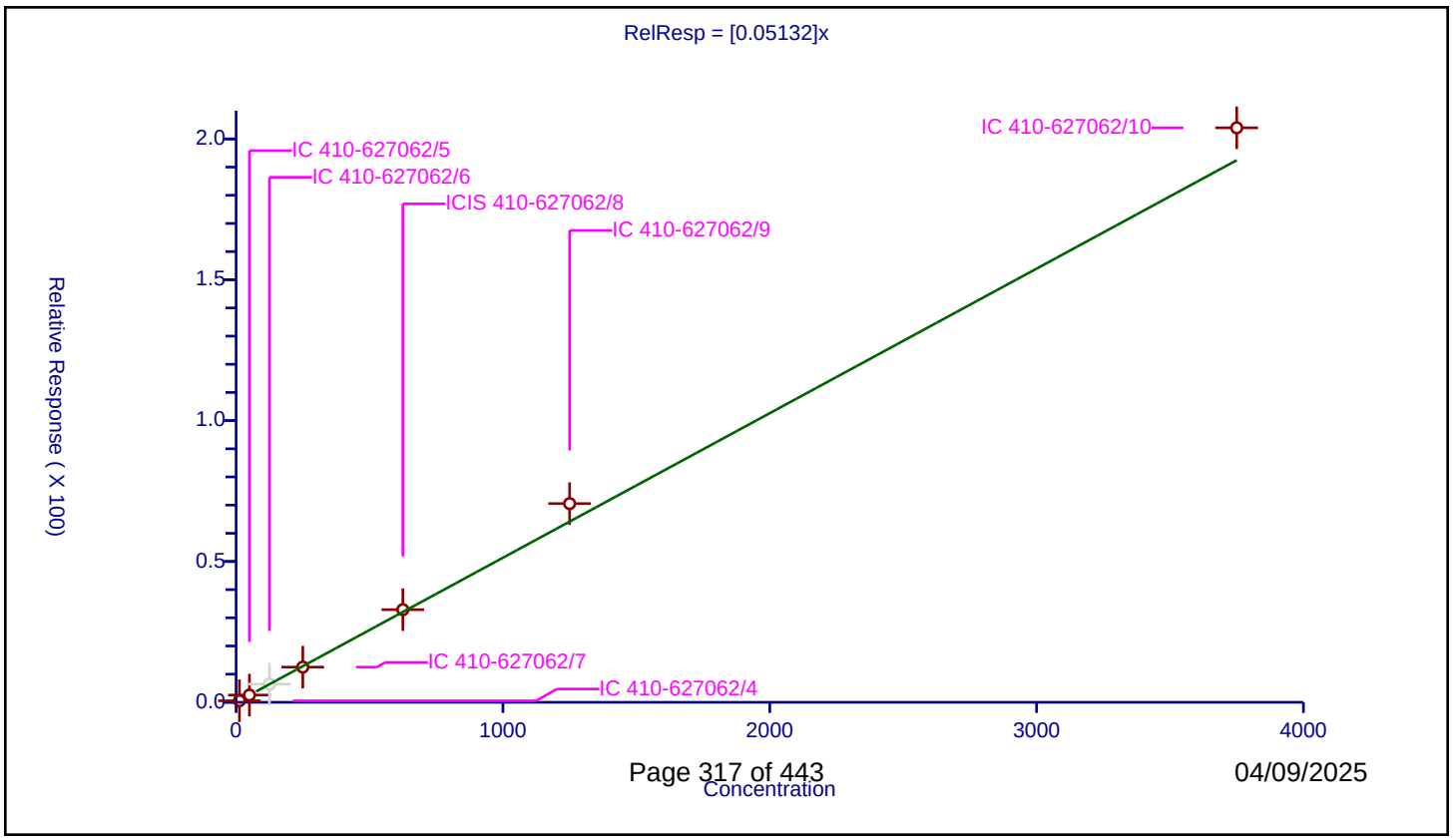
Curve Coefficients

Intercept:	0
Slope:	0.05132

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	12.5	0.539107	250.0	874595.0	0.043129	Y
2	IC 410-627062/5	50.0	2.568946	250.0	852295.0	0.051379	Y
3	IC 410-627062/6	125.0	6.458089	250.0	837051.0	0.051665	N
4	IC 410-627062/7	250.0	12.489084	250.0	774076.0	0.049956	Y
5	ICIS 410-627062/8	625.0	32.886064	250.0	857202.0	0.052618	Y
6	IC 410-627062/9	1250.0	70.542259	250.0	853577.0	0.056434	Y
7	IC 410-627062/10	3750.0	203.943877	250.0	864999.0	0.054385	Y



Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

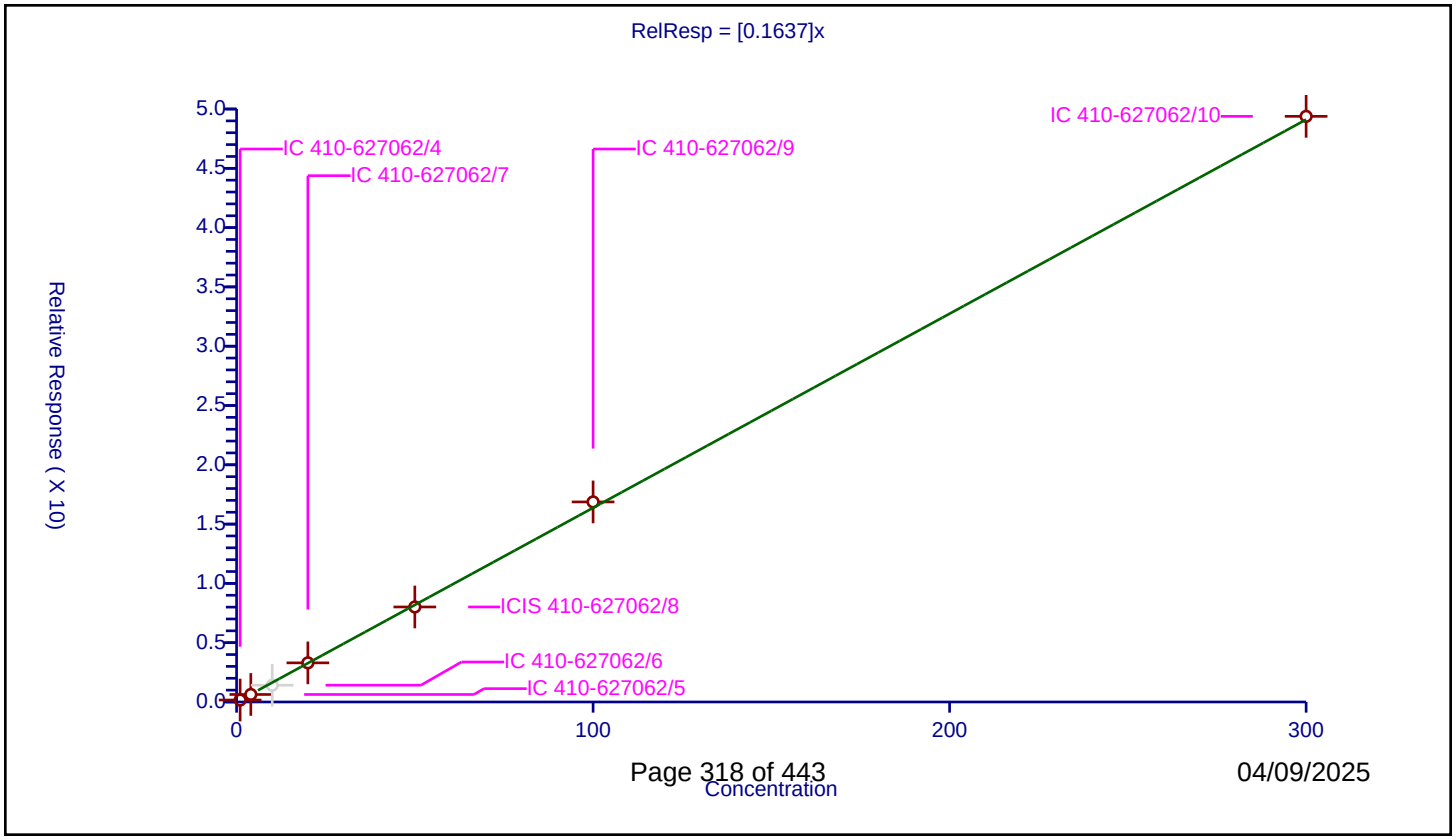
Curve Coefficients

Intercept:	0
Slope:	0.1637

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.165434	50.0	1194434.0	0.165434	Y
2	IC 410-627062/5	4.0	0.633067	50.0	1160856.0	0.158267	Y
3	IC 410-627062/6	10.0	1.415261	50.0	1192854.0	0.141526	N
4	IC 410-627062/7	20.0	3.299911	50.0	1250579.0	0.164996	Y
5	ICIS 410-627062/8	50.0	8.012267	50.0	1288050.0	0.160245	Y
6	IC 410-627062/9	100.0	16.868953	50.0	1374454.0	0.16869	Y
7	IC 410-627062/10	300.0	49.381334	50.0	1504366.0	0.164604	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

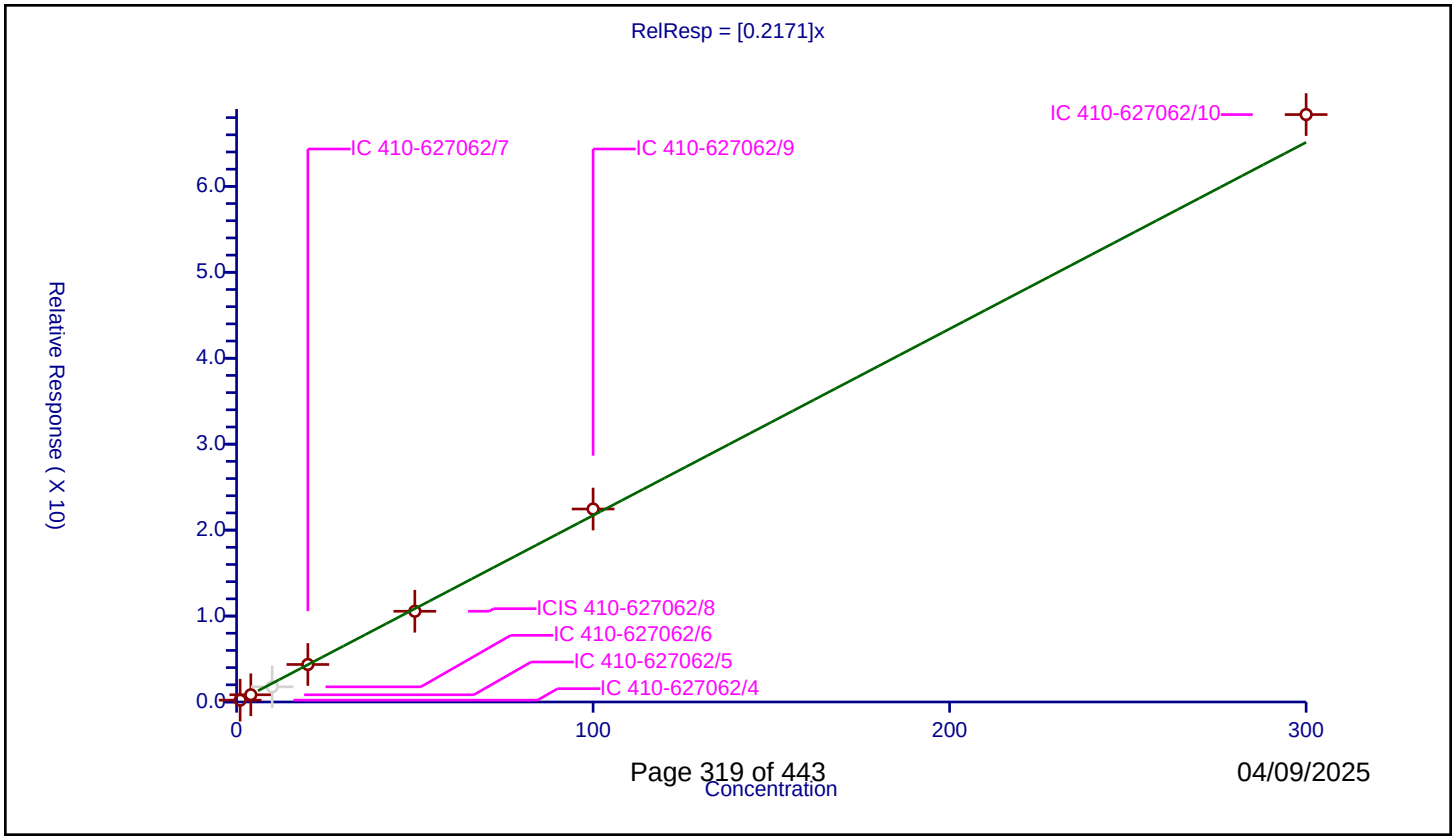
Curve Coefficients

Intercept:	0
Slope:	0.2171

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.211272	50.0	1194434.0	0.211272	Y
2	IC 410-627062/5	4.0	0.837959	50.0	1160856.0	0.20949	Y
3	IC 410-627062/6	10.0	1.762621	50.0	1192854.0	0.176262	N
4	IC 410-627062/7	20.0	4.363939	50.0	1250579.0	0.218197	Y
5	ICIS 410-627062/8	50.0	10.556422	50.0	1288050.0	0.211128	Y
6	IC 410-627062/9	100.0	22.455026	50.0	1374454.0	0.22455	Y
7	IC 410-627062/10	300.0	68.355772	50.0	1504366.0	0.227853	Y



Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

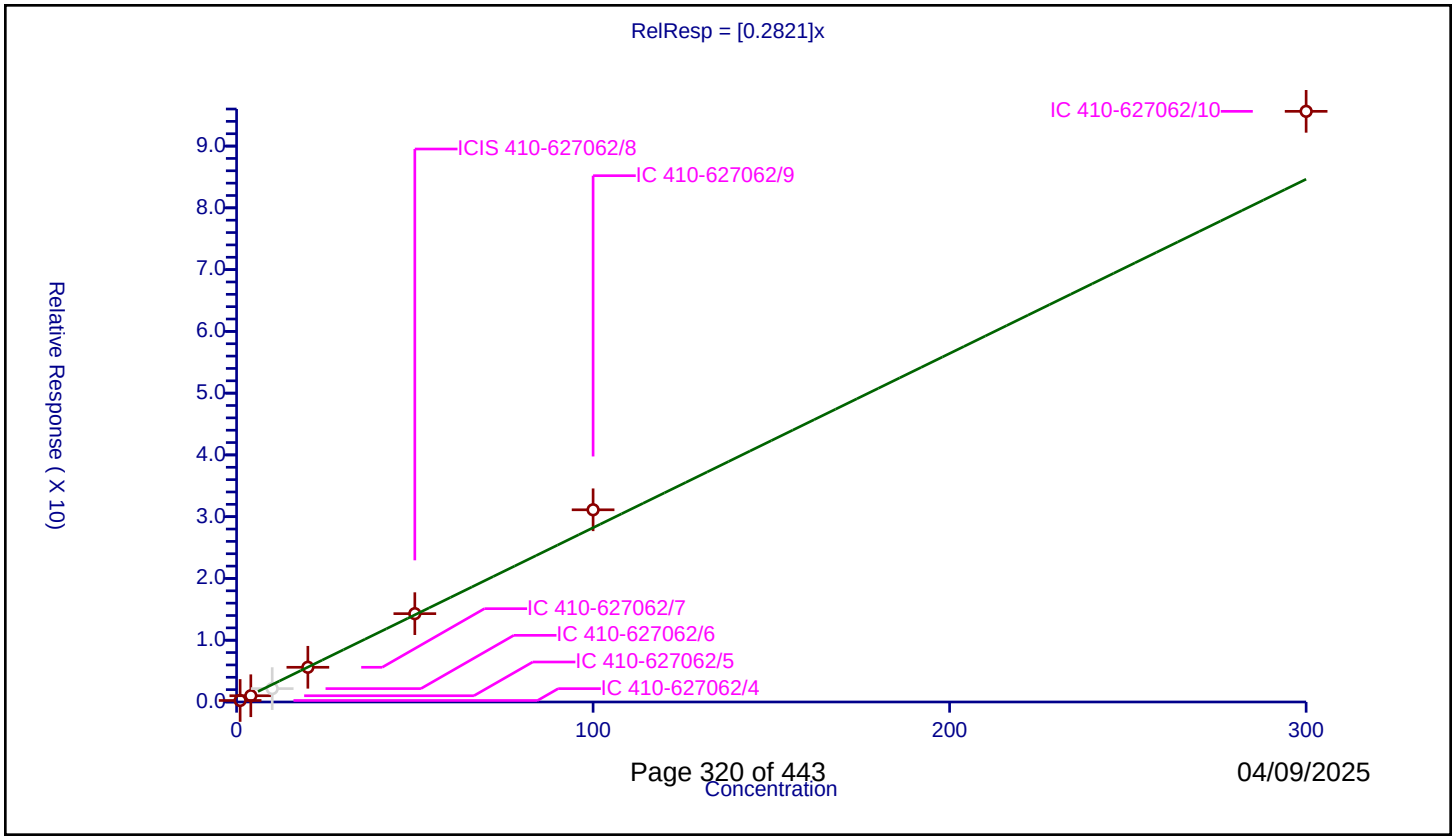
Curve Coefficients

Intercept:	0
Slope:	0.2821

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.24317	50.0	1194434.0	0.24317	Y
2	IC 410-627062/5	4.0	1.01115	50.0	1160856.0	0.252788	Y
3	IC 410-627062/6	10.0	2.165395	50.0	1192854.0	0.216539	N
4	IC 410-627062/7	20.0	5.616918	50.0	1250579.0	0.280846	Y
5	ICIS 410-627062/8	50.0	14.300027	50.0	1288050.0	0.286001	Y
6	IC 410-627062/9	100.0	31.117848	50.0	1374454.0	0.311178	Y
7	IC 410-627062/10	300.0	95.622973	50.0	1504366.0	0.318743	Y



Calibration / 2-Nitropropane

Curve Type:	Linear
Weighting:	Conc
Origin:	None
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

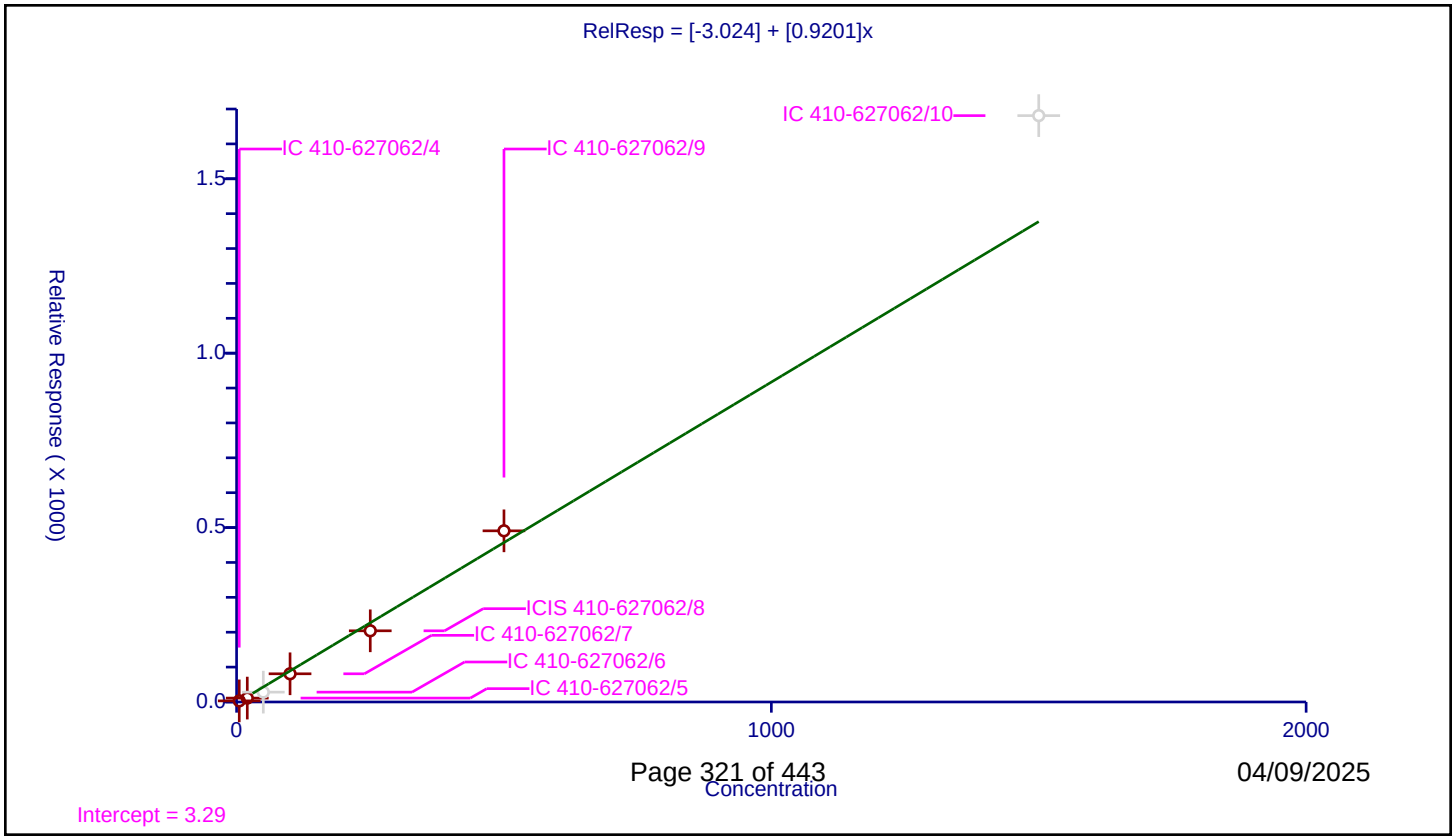
Curve Coefficients

Intercept:	-3.024
Slope:	0.9201

Error Coefficients

Relative Standard Deviation:	25.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	5.0	3.153745	250.0	874595.0	0.630749	Y
2	IC 410-627062/5	20.0	11.182454	250.0	852295.0	0.559123	Y
3	IC 410-627062/6	50.0	28.23902	250.0	837051.0	0.56478	N
4	IC 410-627062/7	100.0	80.8606	250.0	774076.0	0.808606	Y
5	ICIS 410-627062/8	250.0	204.070627	250.0	857202.0	0.816283	Y
6	IC 410-627062/9	500.0	490.737215	250.0	853577.0	0.981474	Y
7	IC 410-627062/10	1500.0	1681.034891	250.0	864999.0	1.12069	N



Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

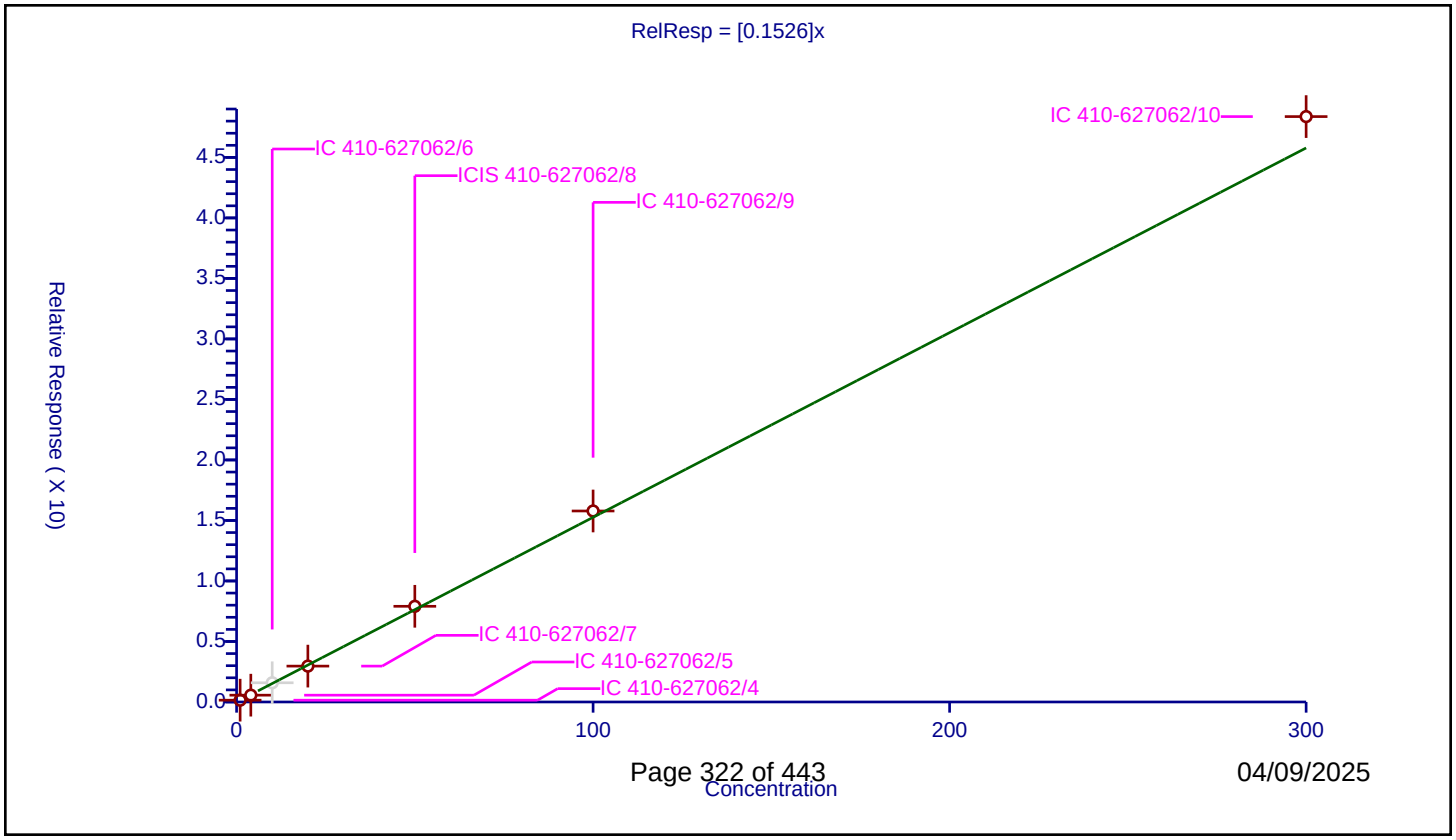
Curve Coefficients

Intercept:	0
Slope:	0.1526

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.149276	50.0	1194434.0	0.149276	Y
2	IC 410-627062/5	4.0	0.563851	50.0	1160856.0	0.140963	Y
3	IC 410-627062/6	10.0	1.588753	50.0	1192854.0	0.158875	N
4	IC 410-627062/7	20.0	2.963827	50.0	1250579.0	0.148191	Y
5	ICIS 410-627062/8	50.0	7.907651	50.0	1288050.0	0.158153	Y
6	IC 410-627062/9	100.0	15.782085	50.0	1374454.0	0.157821	Y
7	IC 410-627062/10	300.0	48.373833	50.0	1504366.0	0.161246	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

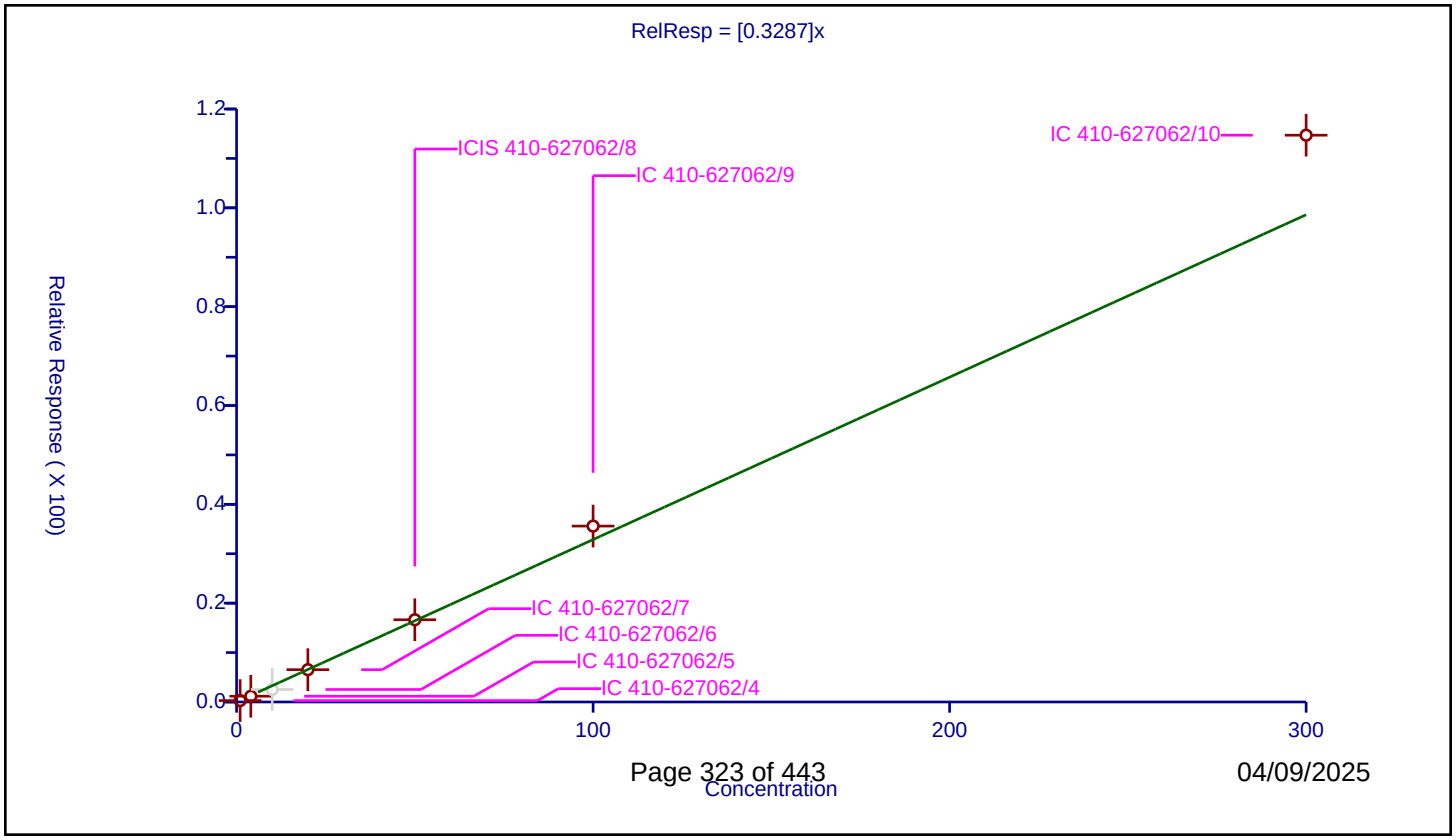
Curve Coefficients

Intercept:	0
Slope:	0.3287

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.281556	50.0	1194434.0	0.281556	Y
2	IC 410-627062/5	4.0	1.170214	50.0	1160856.0	0.292554	Y
3	IC 410-627062/6	10.0	2.529186	50.0	1192854.0	0.252919	N
4	IC 410-627062/7	20.0	6.535533	50.0	1250579.0	0.326777	Y
5	ICIS 410-627062/8	50.0	16.640697	50.0	1288050.0	0.332814	Y
6	IC 410-627062/9	100.0	35.597626	50.0	1374454.0	0.355976	Y
7	IC 410-627062/10	300.0	114.700312	50.0	1504366.0	0.382334	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

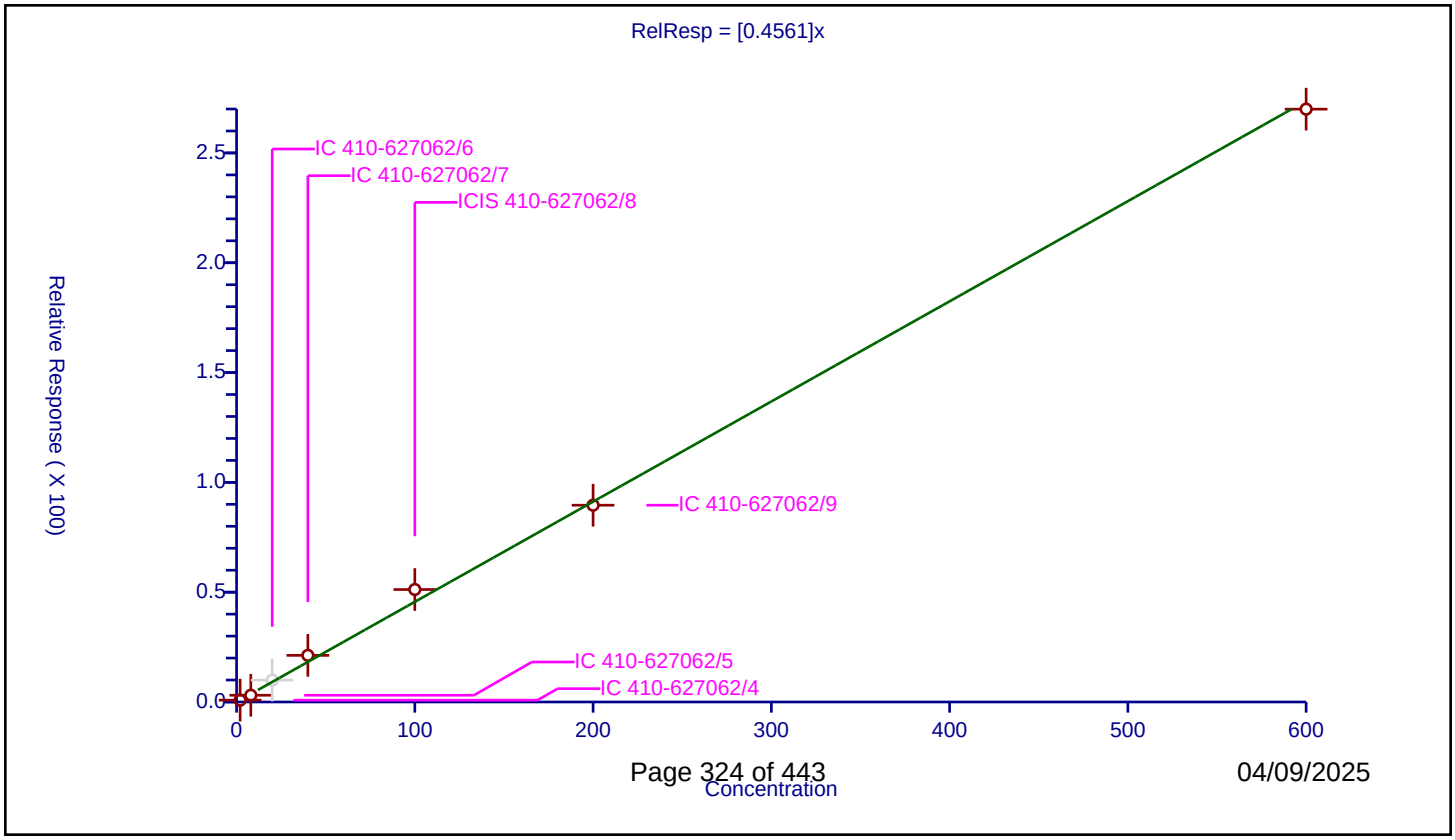
Curve Coefficients

Intercept:	0
Slope:	0.4561

Error Coefficients

Relative Standard Deviation:	12.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.0	0.826082	50.0	1194434.0	0.413041	Y
2	IC 410-627062/5	8.0	3.060156	50.0	1160856.0	0.382519	Y
3	IC 410-627062/6	20.0	9.974481	50.0	1192854.0	0.498724	N
4	IC 410-627062/7	40.0	21.233844	50.0	1250579.0	0.530846	Y
5	ICIS 410-627062/8	100.0	51.207251	50.0	1288050.0	0.512073	Y
6	IC 410-627062/9	200.0	89.602453	50.0	1374454.0	0.448012	Y
7	IC 410-627062/10	600.0	269.942222	50.0	1504366.0	0.449904	Y



Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

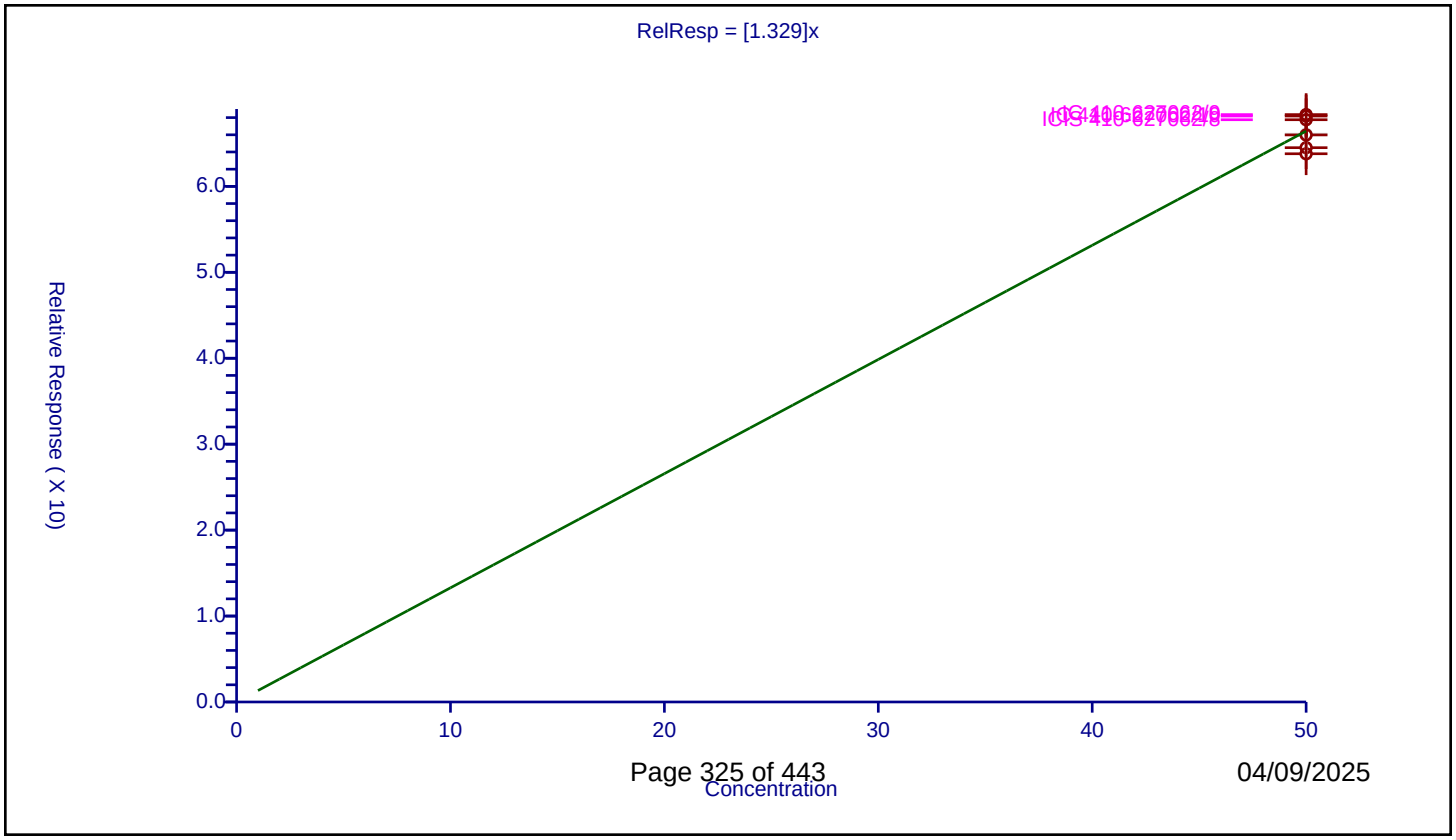
Curve Coefficients

Intercept:	0
Slope:	1.329

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	50.0	64.501209	50.0	818980.0	1.290024	Y
2	IC 410-627062/5	50.0	63.793022	50.0	824000.0	1.27586	Y
3	IC 410-627062/6	50.0	66.074102	50.0	794766.0	1.321482	N
4	IC 410-627062/7	50.0	65.982334	50.0	839796.0	1.319647	Y
5	ICIS 410-627062/8	50.0	67.753595	50.0	858367.0	1.355072	Y
6	IC 410-627062/9	50.0	68.351228	50.0	891330.0	1.367025	Y
7	IC 410-627062/10	50.0	68.183062	50.0	1023601.0	1.363661	Y



Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

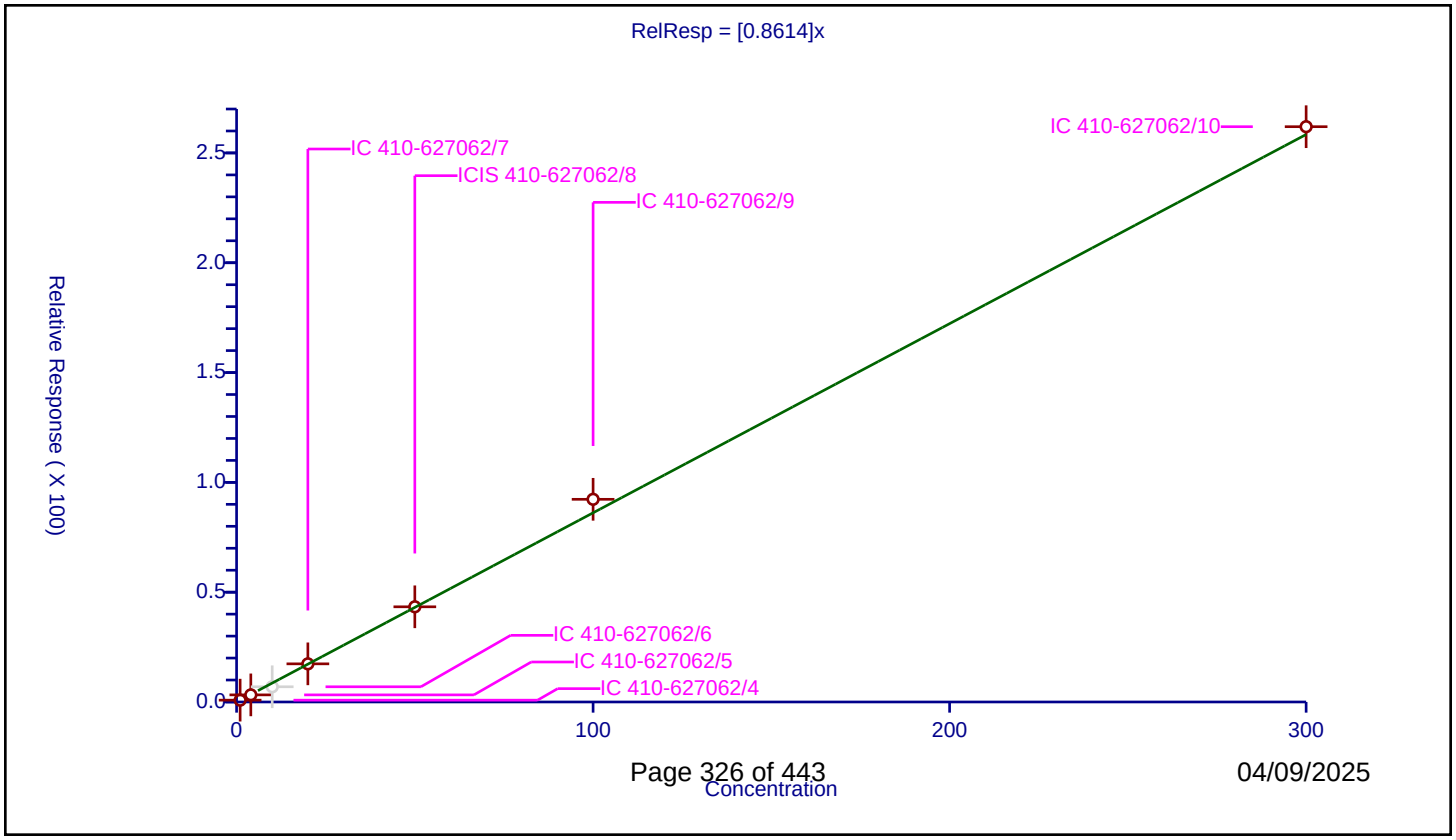
Curve Coefficients

Intercept:	0
Slope:	0.8614

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.827126	50.0	818980.0	0.827126	Y
2	IC 410-627062/5	4.0	3.239078	50.0	824000.0	0.809769	Y
3	IC 410-627062/6	10.0	6.924931	50.0	794766.0	0.692493	N
4	IC 410-627062/7	20.0	17.368504	50.0	839796.0	0.868425	Y
5	ICIS 410-627062/8	50.0	43.336184	50.0	858367.0	0.866724	Y
6	IC 410-627062/9	100.0	92.28849	50.0	891330.0	0.922885	Y
7	IC 410-627062/10	300.0	261.951825	50.0	1023601.0	0.873173	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

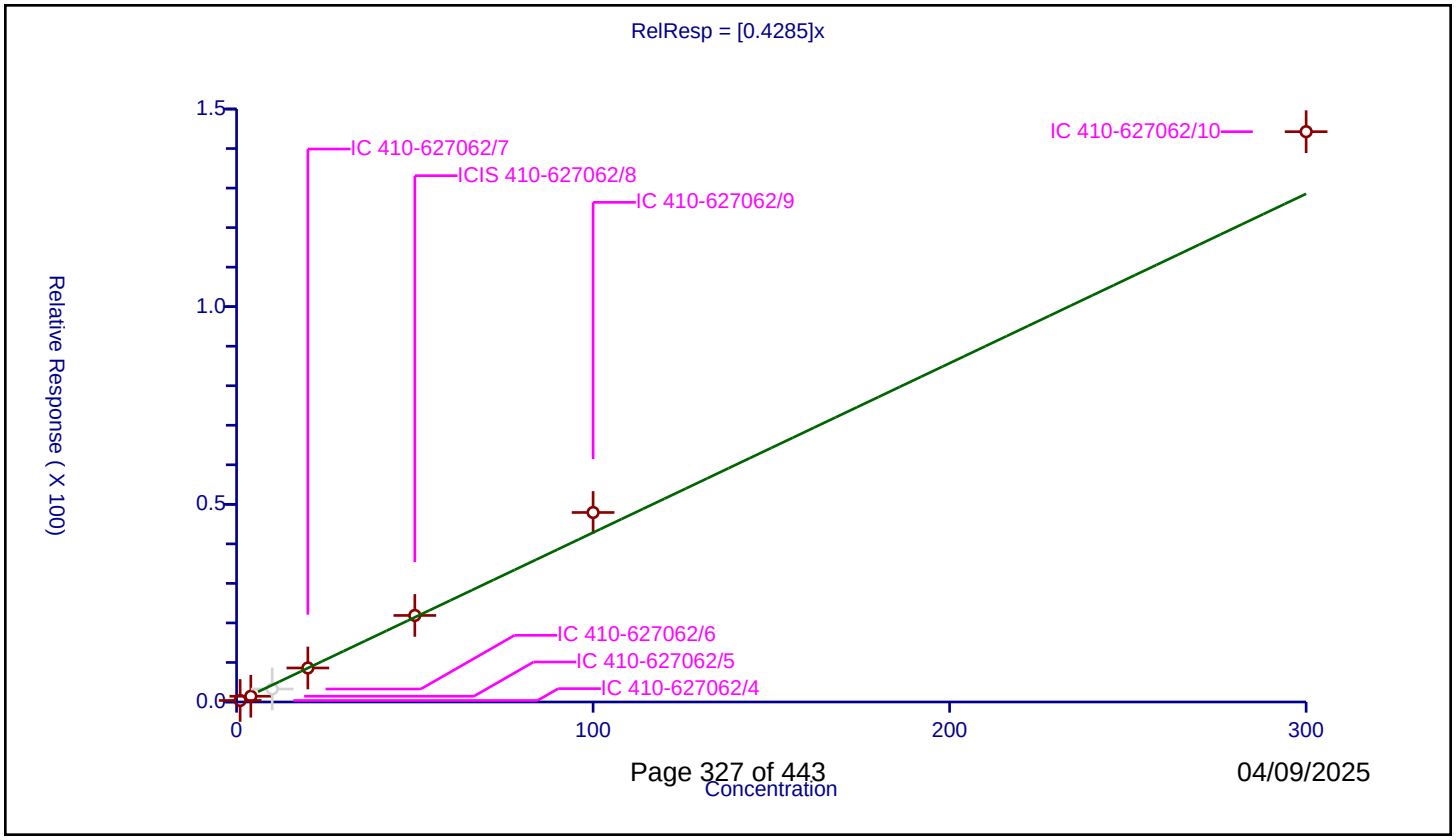
Curve Coefficients

Intercept:	0
Slope:	0.4285

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.378336	50.0	818980.0	0.378336	Y
2	IC 410-627062/5	4.0	1.456917	50.0	824000.0	0.364229	Y
3	IC 410-627062/6	10.0	3.287383	50.0	794766.0	0.328738	N
4	IC 410-627062/7	20.0	8.605364	50.0	839796.0	0.430268	Y
5	ICIS 410-627062/8	50.0	21.894539	50.0	858367.0	0.437891	Y
6	IC 410-627062/9	100.0	47.936623	50.0	891330.0	0.479366	Y
7	IC 410-627062/10	300.0	144.267591	50.0	1023601.0	0.480892	Y



Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

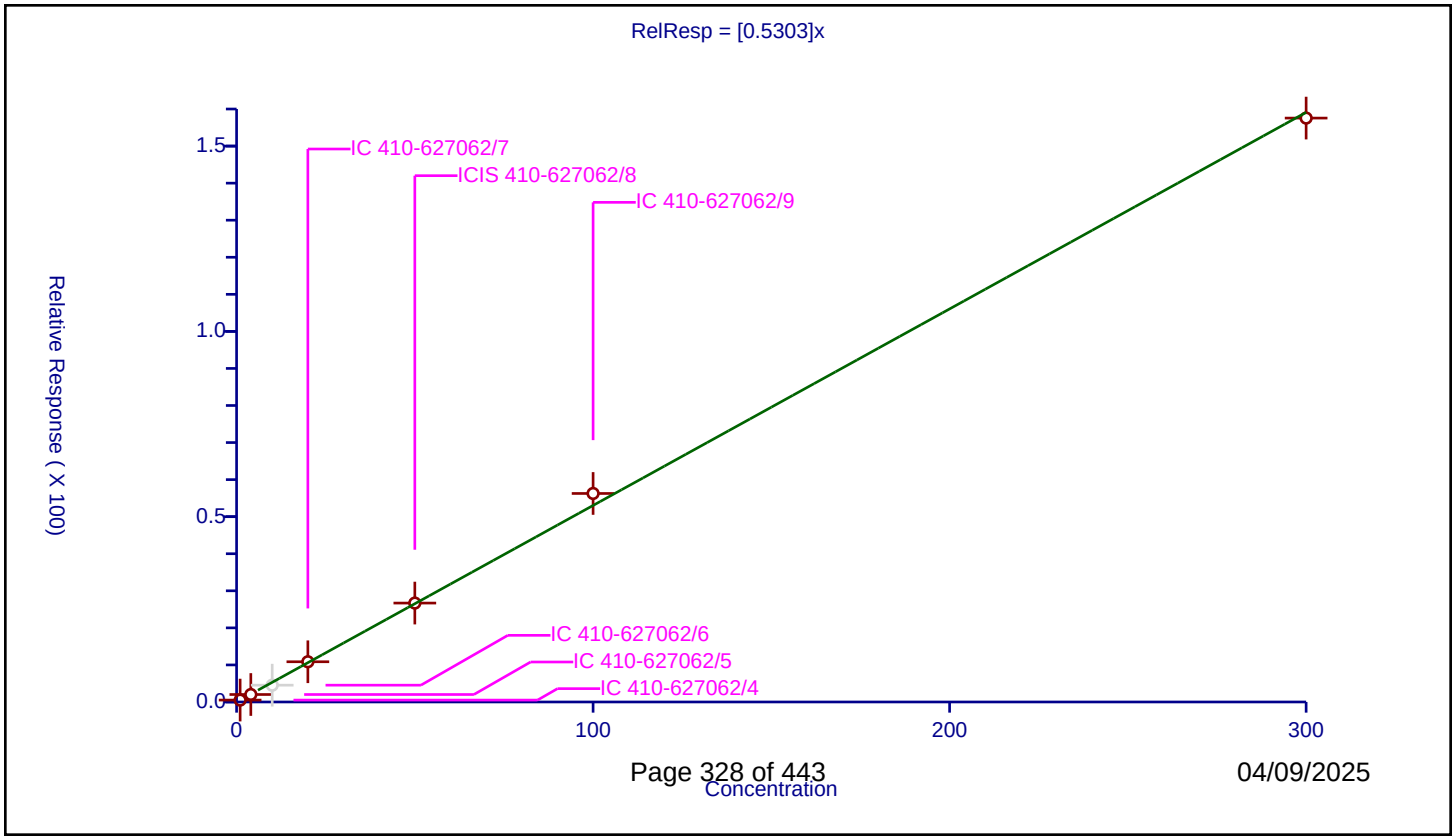
Curve Coefficients

Intercept:	0
Slope:	0.5303

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.513016	50.0	818980.0	0.513016	Y
2	IC 410-627062/5	4.0	2.018204	50.0	824000.0	0.504551	Y
3	IC 410-627062/6	10.0	4.540204	50.0	794766.0	0.45402	N
4	IC 410-627062/7	20.0	10.852874	50.0	839796.0	0.542644	Y
5	ICIS 410-627062/8	50.0	26.688235	50.0	858367.0	0.533765	Y
6	IC 410-627062/9	100.0	56.264907	50.0	891330.0	0.562649	Y
7	IC 410-627062/10	300.0	157.552796	50.0	1023601.0	0.525176	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

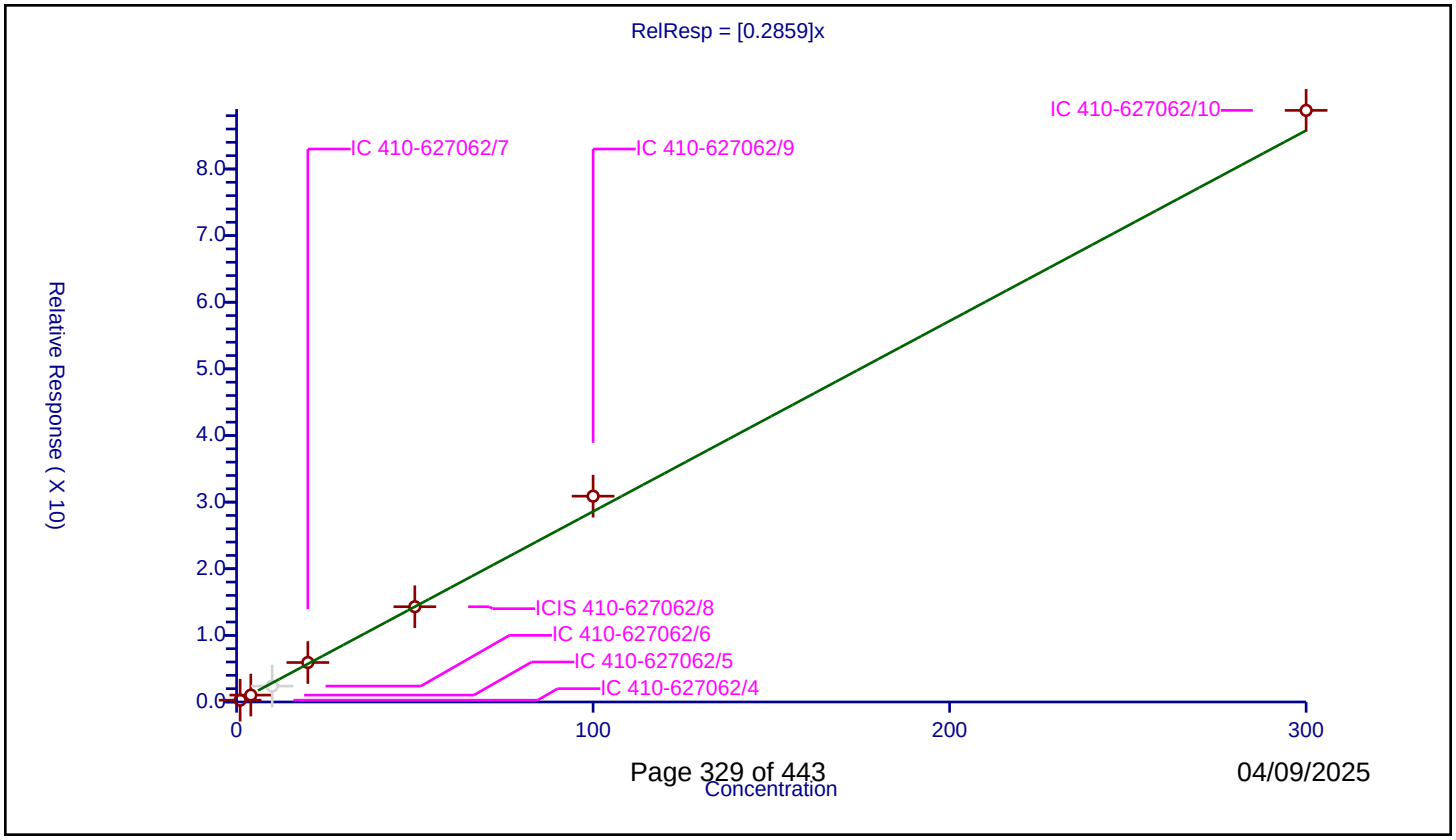
Curve Coefficients

Intercept:	0
Slope:	0.2859

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.270214	50.0	818980.0	0.270214	Y
2	IC 410-627062/5	4.0	1.033313	50.0	824000.0	0.258328	Y
3	IC 410-627062/6	10.0	2.388313	50.0	794766.0	0.238831	N
4	IC 410-627062/7	20.0	5.924772	50.0	839796.0	0.296239	Y
5	ICIS 410-627062/8	50.0	14.296857	50.0	858367.0	0.285937	Y
6	IC 410-627062/9	100.0	30.892543	50.0	891330.0	0.308925	Y
7	IC 410-627062/10	300.0	88.795097	50.0	1023601.0	0.295984	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

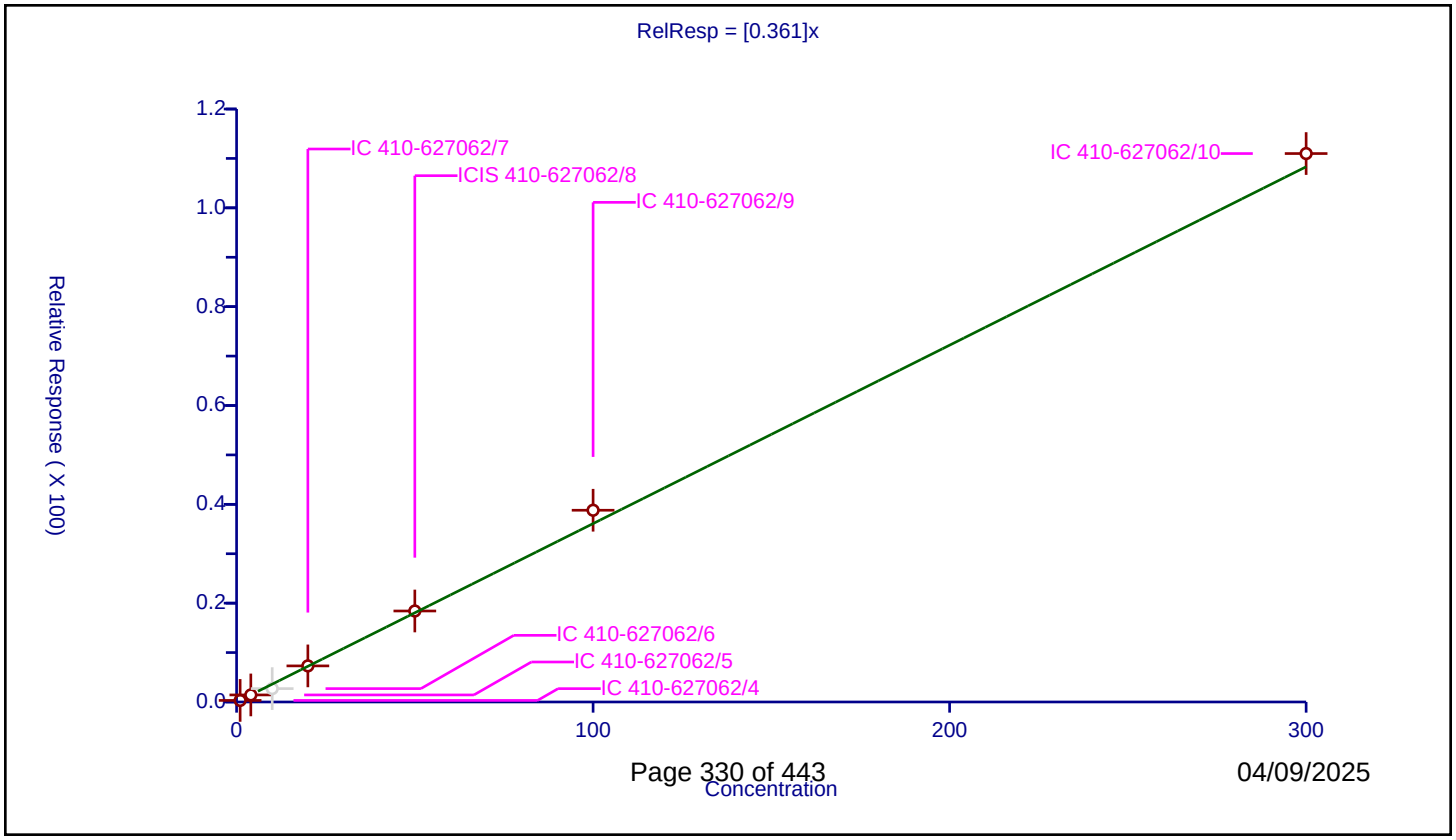
Curve Coefficients

Intercept:	0
Slope:	0.361

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.31814	50.0	818980.0	0.31814	Y
2	IC 410-627062/5	4.0	1.42585	50.0	824000.0	0.356462	Y
3	IC 410-627062/6	10.0	2.706834	50.0	794766.0	0.270683	N
4	IC 410-627062/7	20.0	7.306477	50.0	839796.0	0.365324	Y
5	ICIS 410-627062/8	50.0	18.415084	50.0	858367.0	0.368302	Y
6	IC 410-627062/9	100.0	38.803922	50.0	891330.0	0.388039	Y
7	IC 410-627062/10	300.0	110.985091	50.0	1023601.0	0.36995	Y



Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

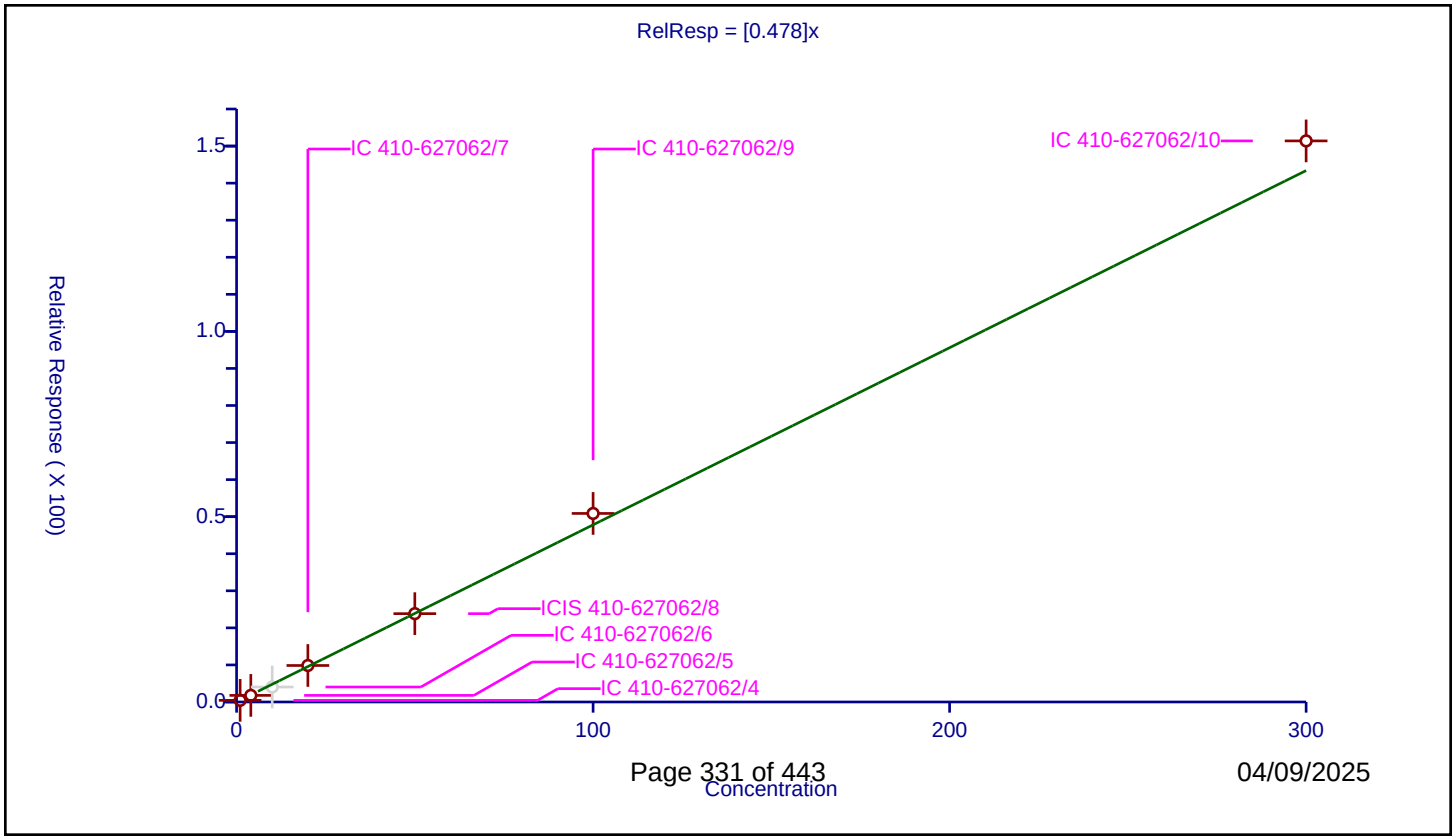
Curve Coefficients

Intercept:	0
Slope:	0.478

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.439449	50.0	818980.0	0.439449	Y
2	IC 410-627062/5	4.0	1.784163	50.0	824000.0	0.446041	Y
3	IC 410-627062/6	10.0	4.036849	50.0	794766.0	0.403685	N
4	IC 410-627062/7	20.0	9.846915	50.0	839796.0	0.492346	Y
5	ICIS 410-627062/8	50.0	23.831764	50.0	858367.0	0.476635	Y
6	IC 410-627062/9	100.0	50.872965	50.0	891330.0	0.50873	Y
7	IC 410-627062/10	300.0	151.394879	50.0	1023601.0	0.50465	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

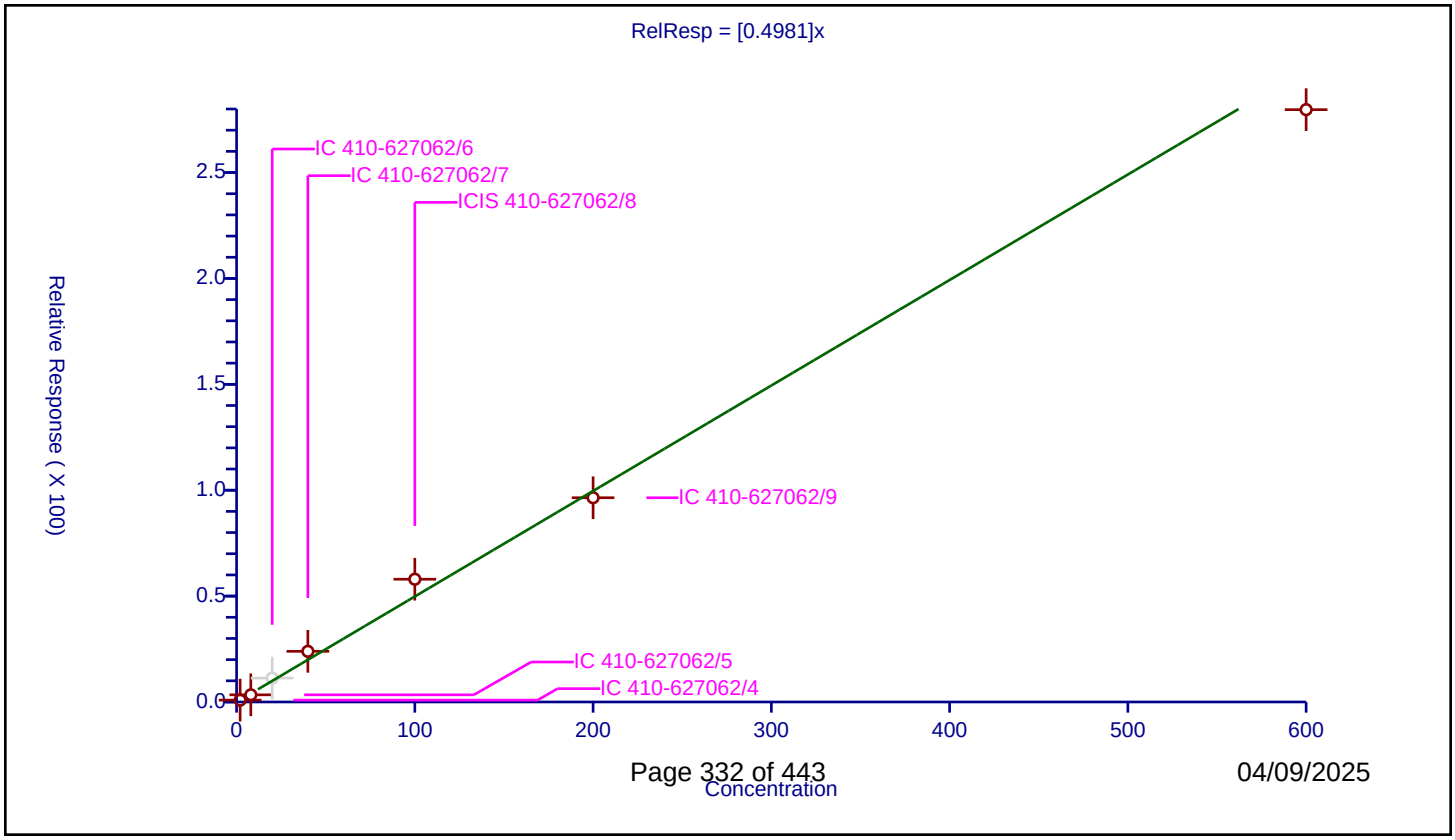
Curve Coefficients

Intercept:	0
Slope:	0.4981

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.0	0.881035	50.0	818980.0	0.440517	Y
2	IC 410-627062/5	8.0	3.377609	50.0	824000.0	0.422201	Y
3	IC 410-627062/6	20.0	11.288983	50.0	794766.0	0.564449	N
4	IC 410-627062/7	40.0	23.919321	50.0	839796.0	0.597983	Y
5	ICIS 410-627062/8	100.0	57.964076	50.0	858367.0	0.579641	Y
6	IC 410-627062/9	200.0	96.451483	50.0	891330.0	0.482257	Y
7	IC 410-627062/10	600.0	279.702882	50.0	1023601.0	0.466171	Y



Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

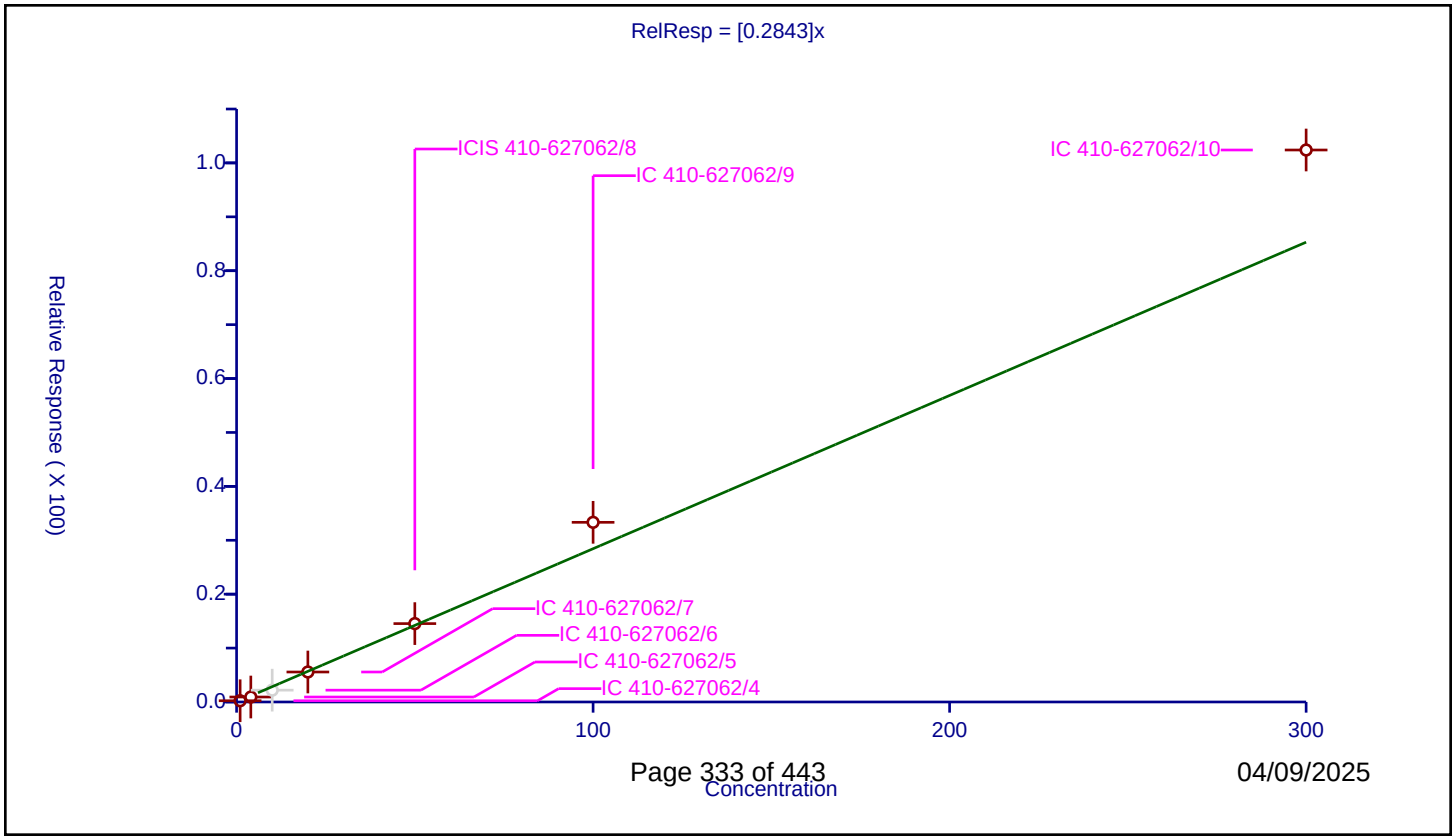
Curve Coefficients

Intercept:	0
Slope:	0.2843

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.231752	50.0	818980.0	0.231752	Y
2	IC 410-627062/5	4.0	0.92233	50.0	824000.0	0.230583	Y
3	IC 410-627062/6	10.0	2.192847	50.0	794766.0	0.219285	N
4	IC 410-627062/7	20.0	5.560815	50.0	839796.0	0.278041	Y
5	ICIS 410-627062/8	50.0	14.542672	50.0	858367.0	0.290853	Y
6	IC 410-627062/9	100.0	33.331594	50.0	891330.0	0.333316	Y
7	IC 410-627062/10	300.0	102.395074	50.0	1023601.0	0.341317	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

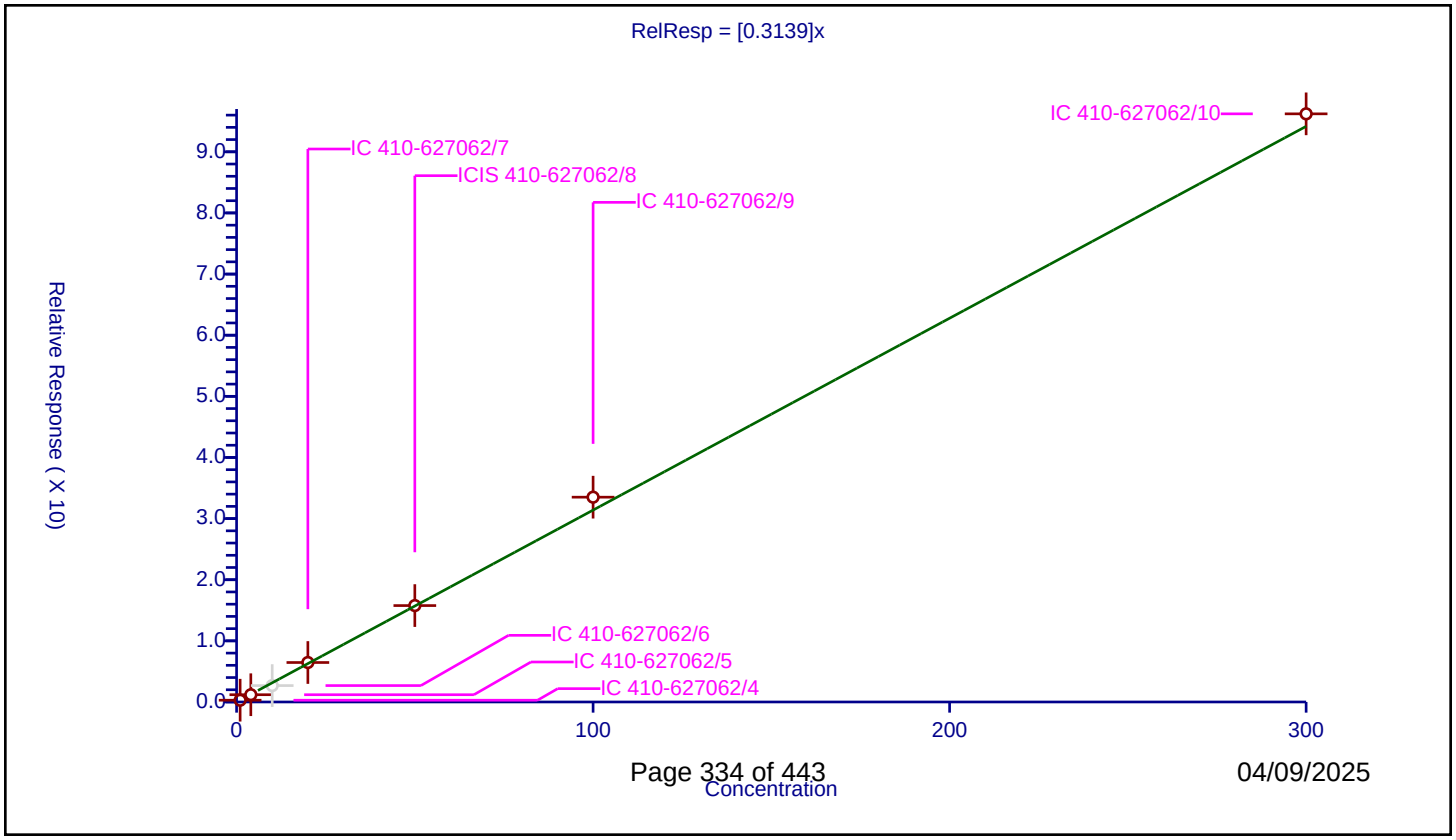
Curve Coefficients

Intercept:	0
Slope:	0.3139

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.291521	50.0	818980.0	0.291521	Y
2	IC 410-627062/5	4.0	1.190655	50.0	824000.0	0.297664	Y
3	IC 410-627062/6	10.0	2.687017	50.0	794766.0	0.268702	N
4	IC 410-627062/7	20.0	6.458295	50.0	839796.0	0.322915	Y
5	ICIS 410-627062/8	50.0	15.771925	50.0	858367.0	0.315439	Y
6	IC 410-627062/9	100.0	33.504931	50.0	891330.0	0.335049	Y
7	IC 410-627062/10	300.0	96.212049	50.0	1023601.0	0.320707	Y



Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

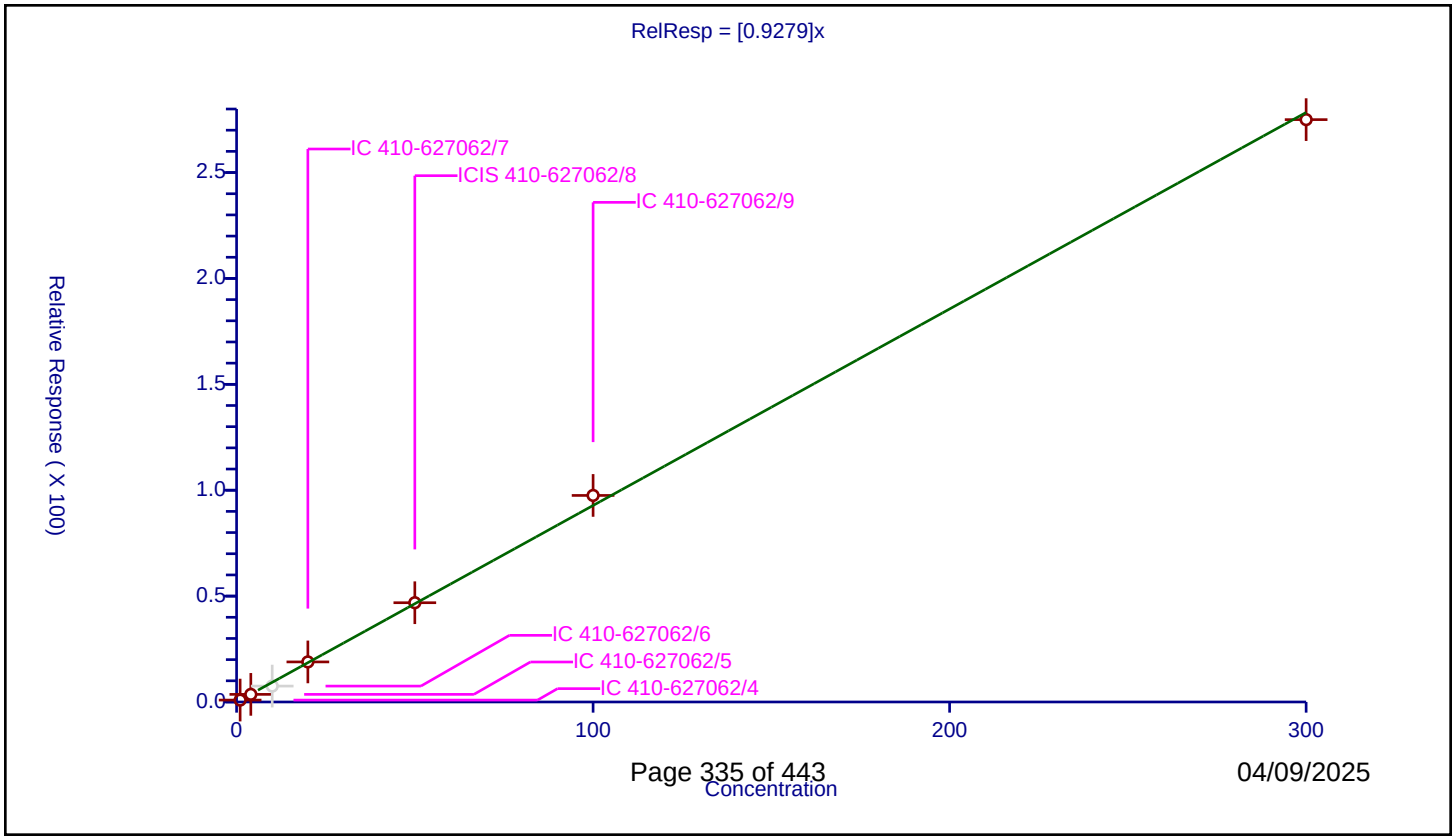
Curve Coefficients

Intercept:	0
Slope:	0.9279

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.894039	50.0	818980.0	0.894039	Y
2	IC 410-627062/5	4.0	3.590898	50.0	824000.0	0.897725	Y
3	IC 410-627062/6	10.0	7.513784	50.0	794766.0	0.751378	N
4	IC 410-627062/7	20.0	18.920786	50.0	839796.0	0.946039	Y
5	ICIS 410-627062/8	50.0	46.877618	50.0	858367.0	0.937552	Y
6	IC 410-627062/9	100.0	97.534415	50.0	891330.0	0.975344	Y
7	IC 410-627062/10	300.0	274.986445	50.0	1023601.0	0.916621	Y



Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

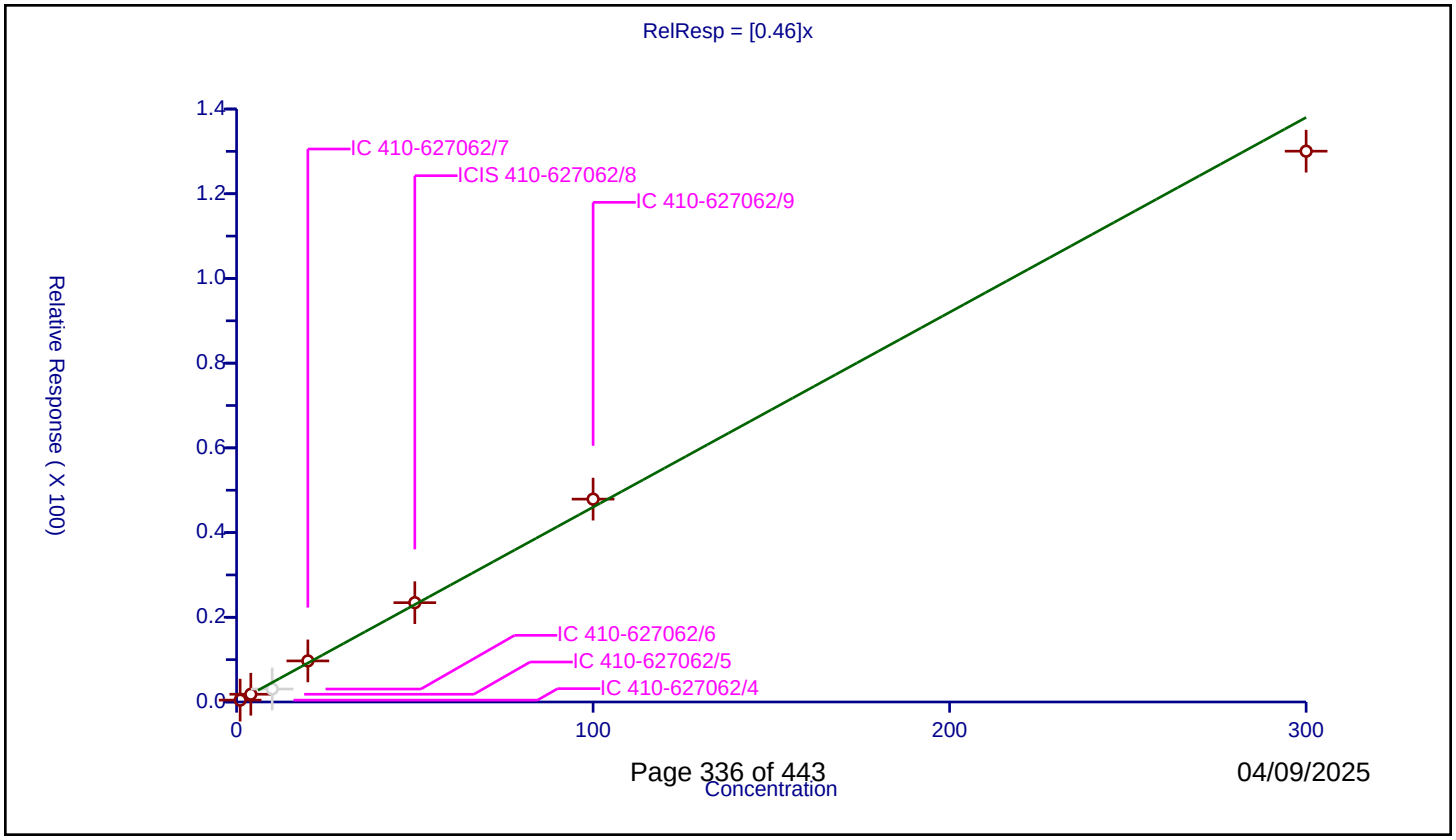
Curve Coefficients

Intercept:	0
Slope:	0.46

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.435969	50.0	818980.0	0.435969	Y
2	IC 410-627062/5	4.0	1.831007	50.0	824000.0	0.457752	Y
3	IC 410-627062/6	10.0	3.055931	50.0	794766.0	0.305593	N
4	IC 410-627062/7	20.0	9.701642	50.0	839796.0	0.485082	Y
5	ICIS 410-627062/8	50.0	23.447546	50.0	858367.0	0.468951	Y
6	IC 410-627062/9	100.0	47.895729	50.0	891330.0	0.478957	Y
7	IC 410-627062/10	300.0	130.049111	50.0	1023601.0	0.433497	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

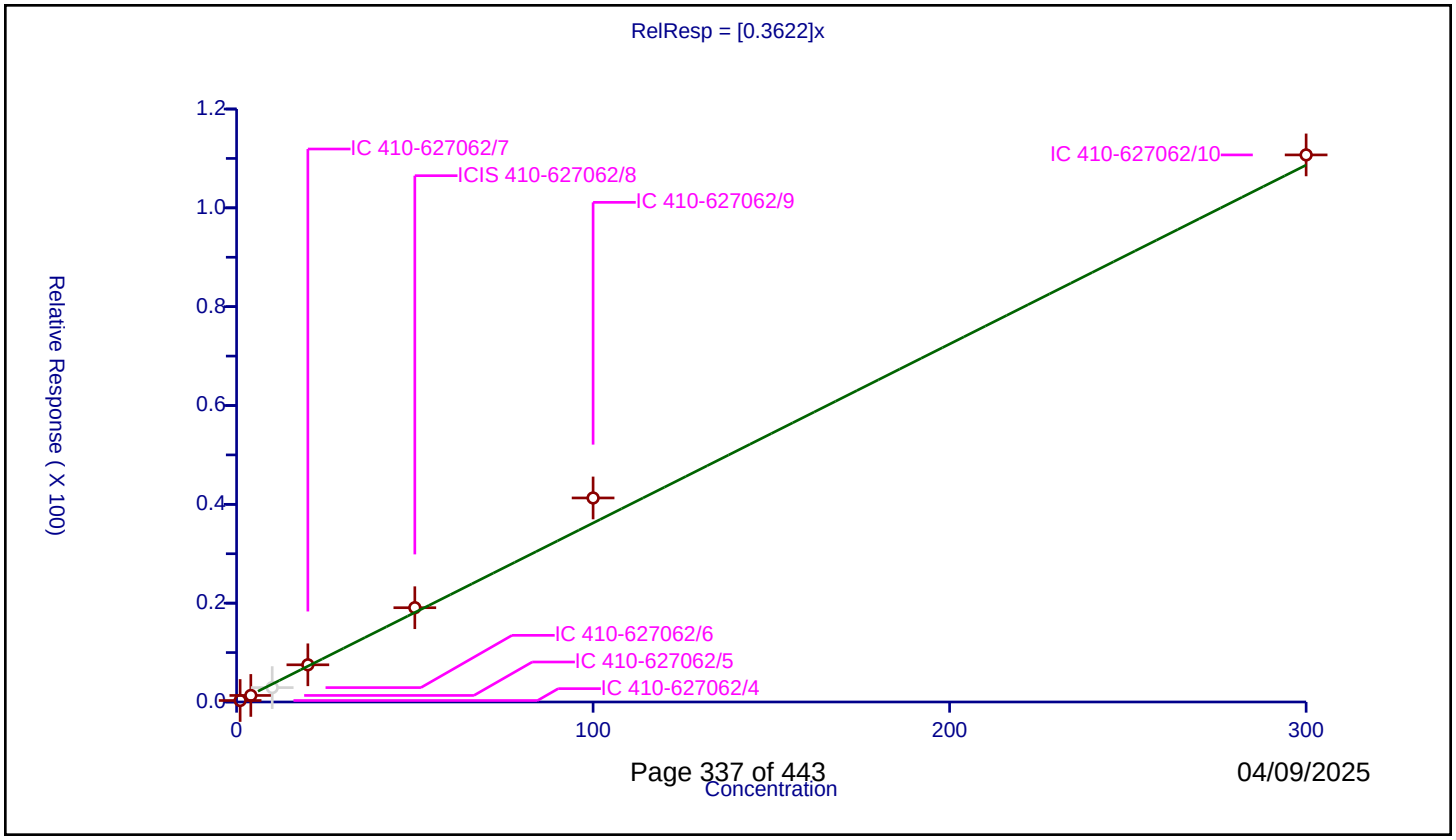
Curve Coefficients

Intercept:	0
Slope:	0.3622

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.302144	50.0	818980.0	0.302144	Y
2	IC 410-627062/5	4.0	1.325121	50.0	824000.0	0.33128	Y
3	IC 410-627062/6	10.0	2.913185	50.0	794766.0	0.291318	N
4	IC 410-627062/7	20.0	7.524089	50.0	839796.0	0.376204	Y
5	ICIS 410-627062/8	50.0	19.07896	50.0	858367.0	0.381579	Y
6	IC 410-627062/9	100.0	41.28886	50.0	891330.0	0.412889	Y
7	IC 410-627062/10	300.0	110.713012	50.0	1023601.0	0.369043	Y



Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

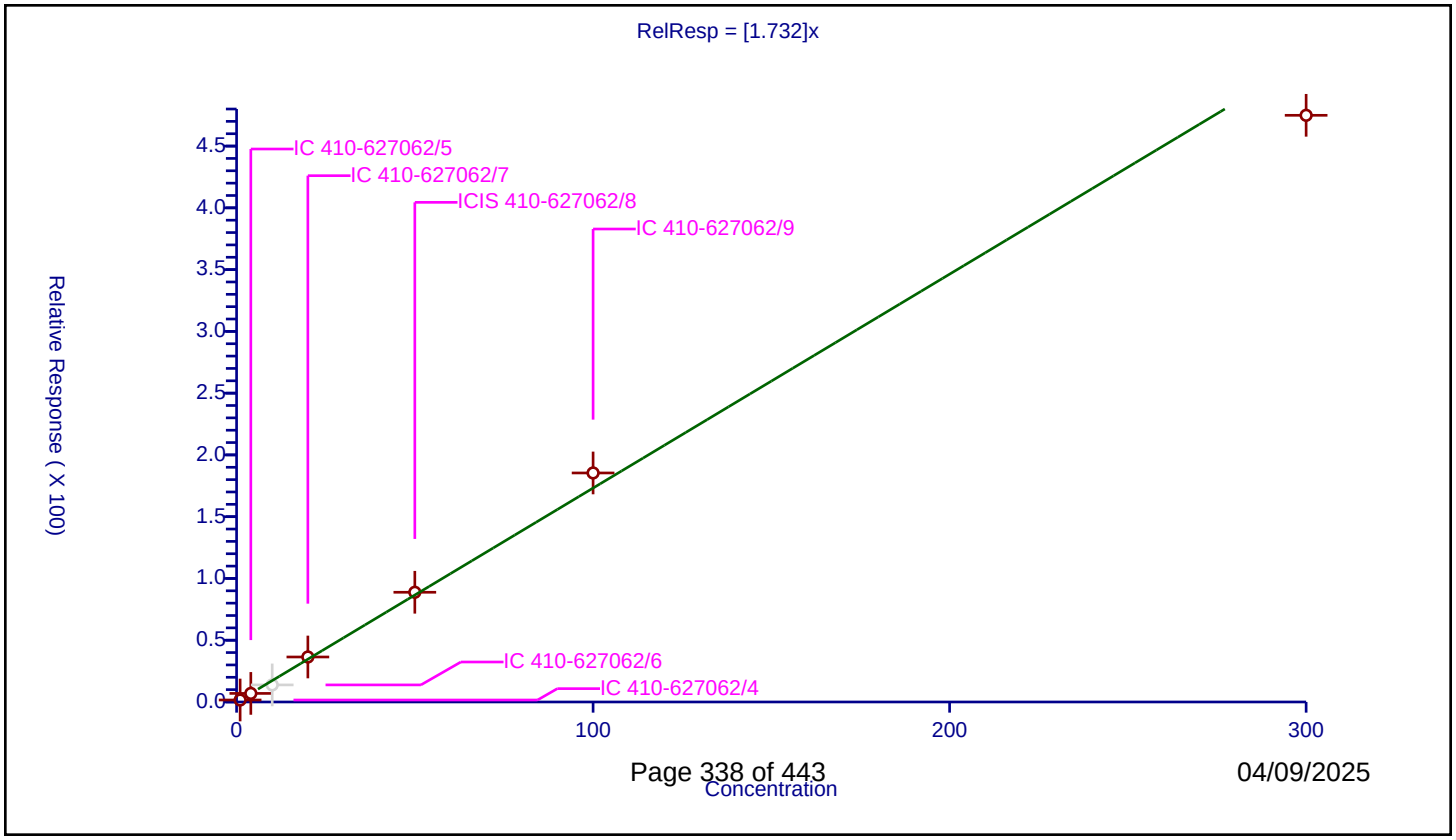
Curve Coefficients

Intercept:	0
Slope:	1.732

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.617622	50.0	818980.0	1.617622	Y
2	IC 410-627062/5	4.0	6.949757	50.0	824000.0	1.737439	Y
3	IC 410-627062/6	10.0	13.835519	50.0	794766.0	1.383552	N
4	IC 410-627062/7	20.0	36.425156	50.0	839796.0	1.821258	Y
5	ICIS 410-627062/8	50.0	88.818769	50.0	858367.0	1.776375	Y
6	IC 410-627062/9	100.0	185.394972	50.0	891330.0	1.85395	Y
7	IC 410-627062/10	300.0	474.909022	50.0	1023601.0	1.58303	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

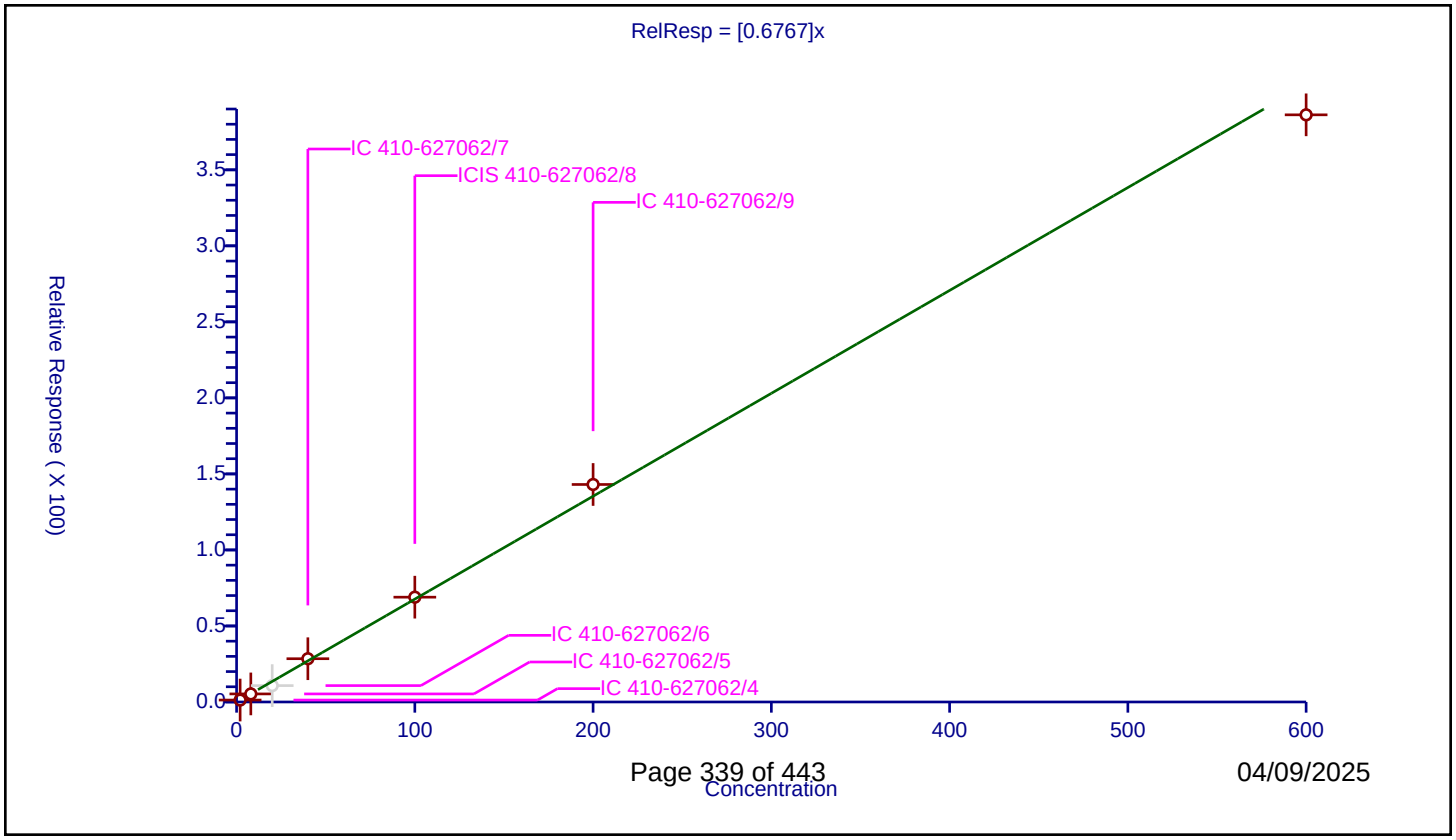
Curve Coefficients

Intercept:	0
Slope:	0.6767

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.0	1.274146	50.0	818980.0	0.637073	Y
2	IC 410-627062/5	8.0	5.306675	50.0	824000.0	0.663334	Y
3	IC 410-627062/6	20.0	10.777323	50.0	794766.0	0.538866	N
4	IC 410-627062/7	40.0	28.455363	50.0	839796.0	0.711384	Y
5	ICIS 410-627062/8	100.0	68.943121	50.0	858367.0	0.689431	Y
6	IC 410-627062/9	200.0	143.048815	50.0	891330.0	0.715244	Y
7	IC 410-627062/10	600.0	386.170393	50.0	1023601.0	0.643617	Y



Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

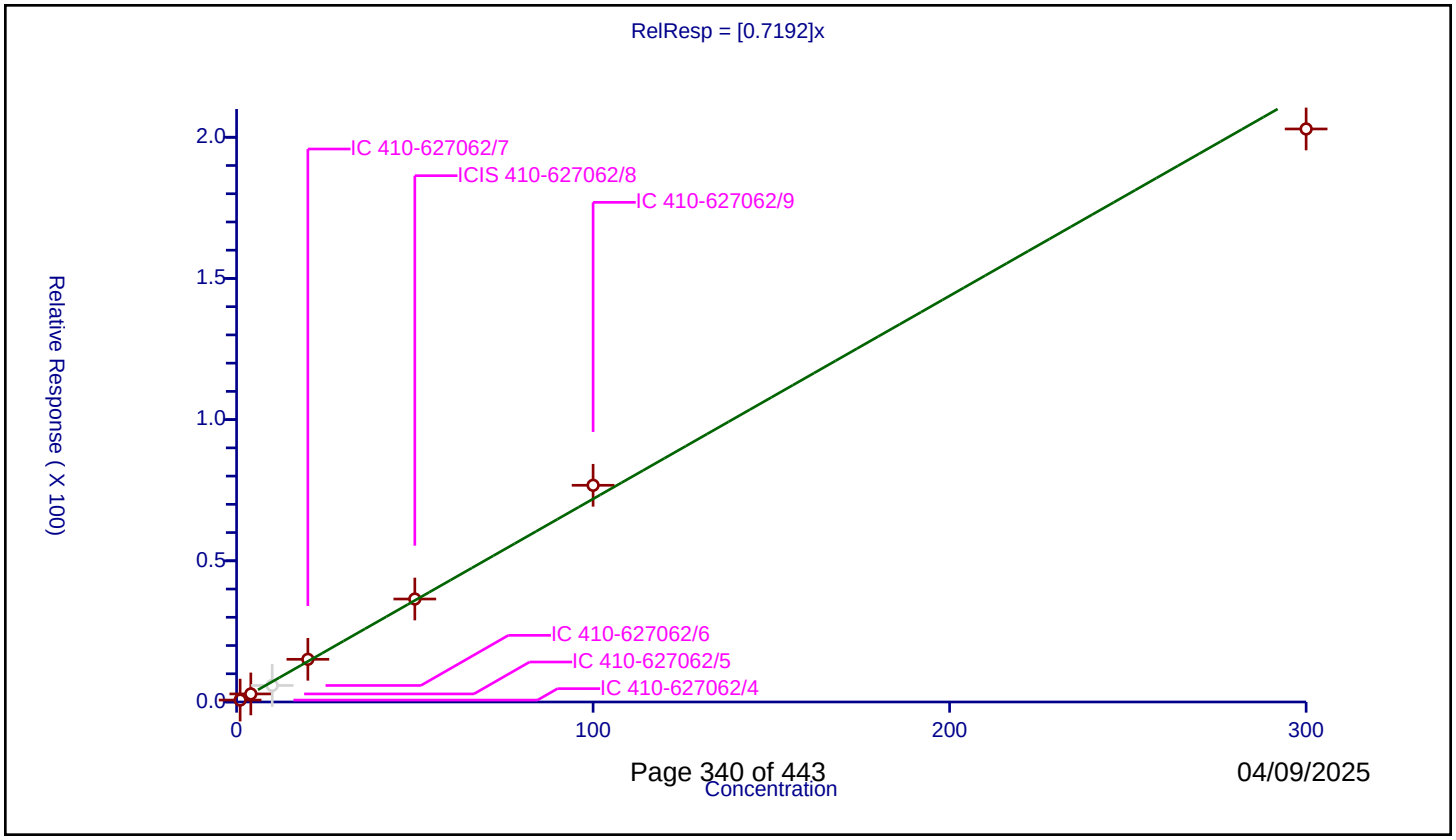
Curve Coefficients

Intercept:	0
Slope:	0.7192

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.671689	50.0	818980.0	0.671689	Y
2	IC 410-627062/5	4.0	2.857828	50.0	824000.0	0.714457	Y
3	IC 410-627062/6	10.0	5.846501	50.0	794766.0	0.58465	N
4	IC 410-627062/7	20.0	15.111765	50.0	839796.0	0.755588	Y
5	ICIS 410-627062/8	50.0	36.466803	50.0	858367.0	0.729336	Y
6	IC 410-627062/9	100.0	76.742116	50.0	891330.0	0.767421	Y
7	IC 410-627062/10	300.0	202.932539	50.0	1023601.0	0.676442	Y



Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

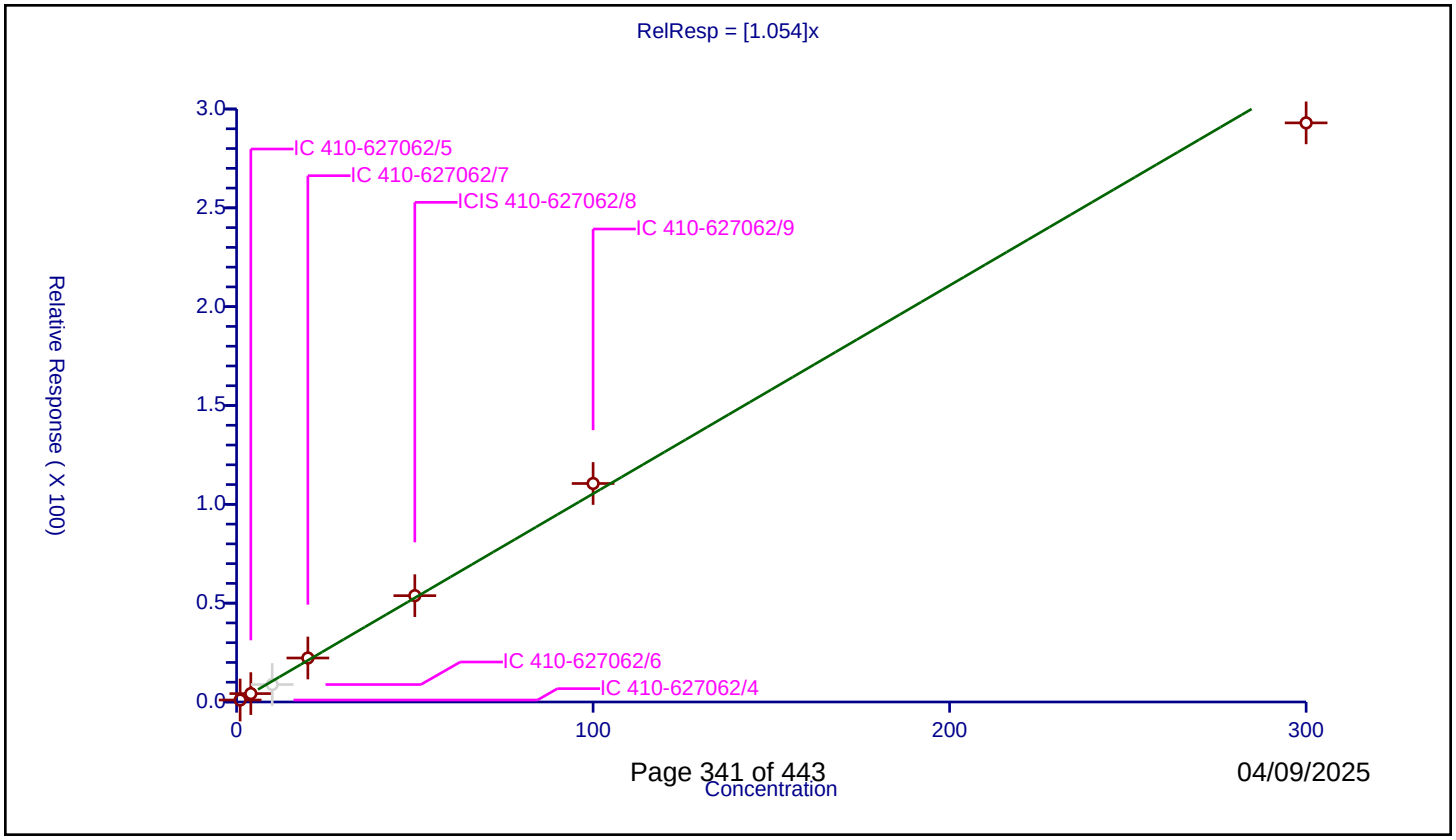
Curve Coefficients

Intercept:	0
Slope:	1.054

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.990989	50.0	818980.0	0.990989	Y
2	IC 410-627062/5	4.0	4.241566	50.0	824000.0	1.060391	Y
3	IC 410-627062/6	10.0	8.831908	50.0	794766.0	0.883191	N
4	IC 410-627062/7	20.0	22.256298	50.0	839796.0	1.112815	Y
5	ICIS 410-627062/8	50.0	53.794764	50.0	858367.0	1.075895	Y
6	IC 410-627062/9	100.0	110.546655	50.0	891330.0	1.105467	Y
7	IC 410-627062/10	300.0	292.981298	50.0	1023601.0	0.976604	Y



Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

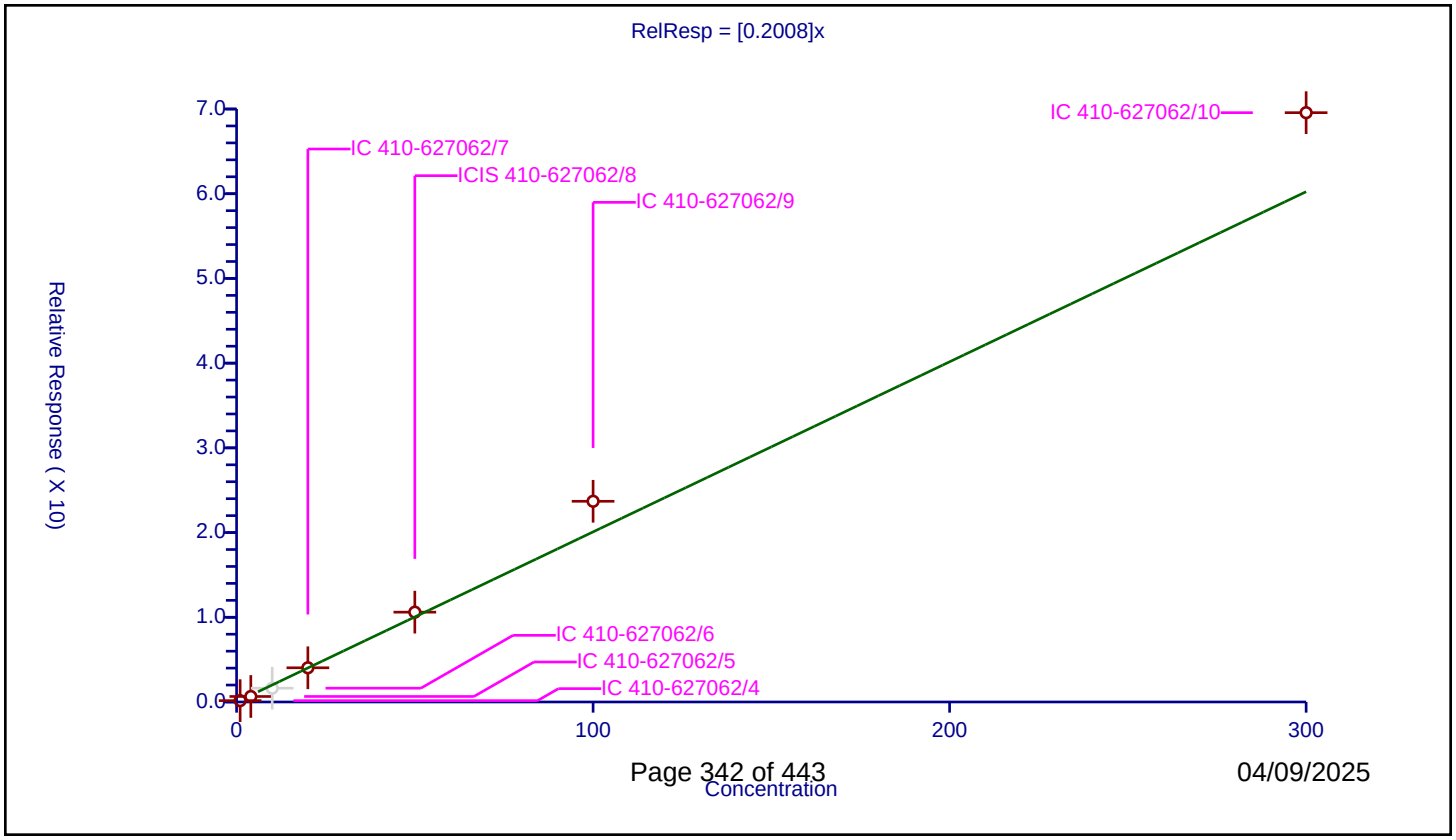
Curve Coefficients

Intercept:	0
Slope:	0.2008

Error Coefficients

Relative Standard Deviation:	16.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.159528	50.0	818980.0	0.159528	Y
2	IC 410-627062/5	4.0	0.649939	50.0	824000.0	0.162485	Y
3	IC 410-627062/6	10.0	1.629222	50.0	794766.0	0.162922	N
4	IC 410-627062/7	20.0	4.03723	50.0	839796.0	0.201862	Y
5	ICIS 410-627062/8	50.0	10.603099	50.0	858367.0	0.212062	Y
6	IC 410-627062/9	100.0	23.694199	50.0	891330.0	0.236942	Y
7	IC 410-627062/10	300.0	69.567585	50.0	1023601.0	0.231892	Y



Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

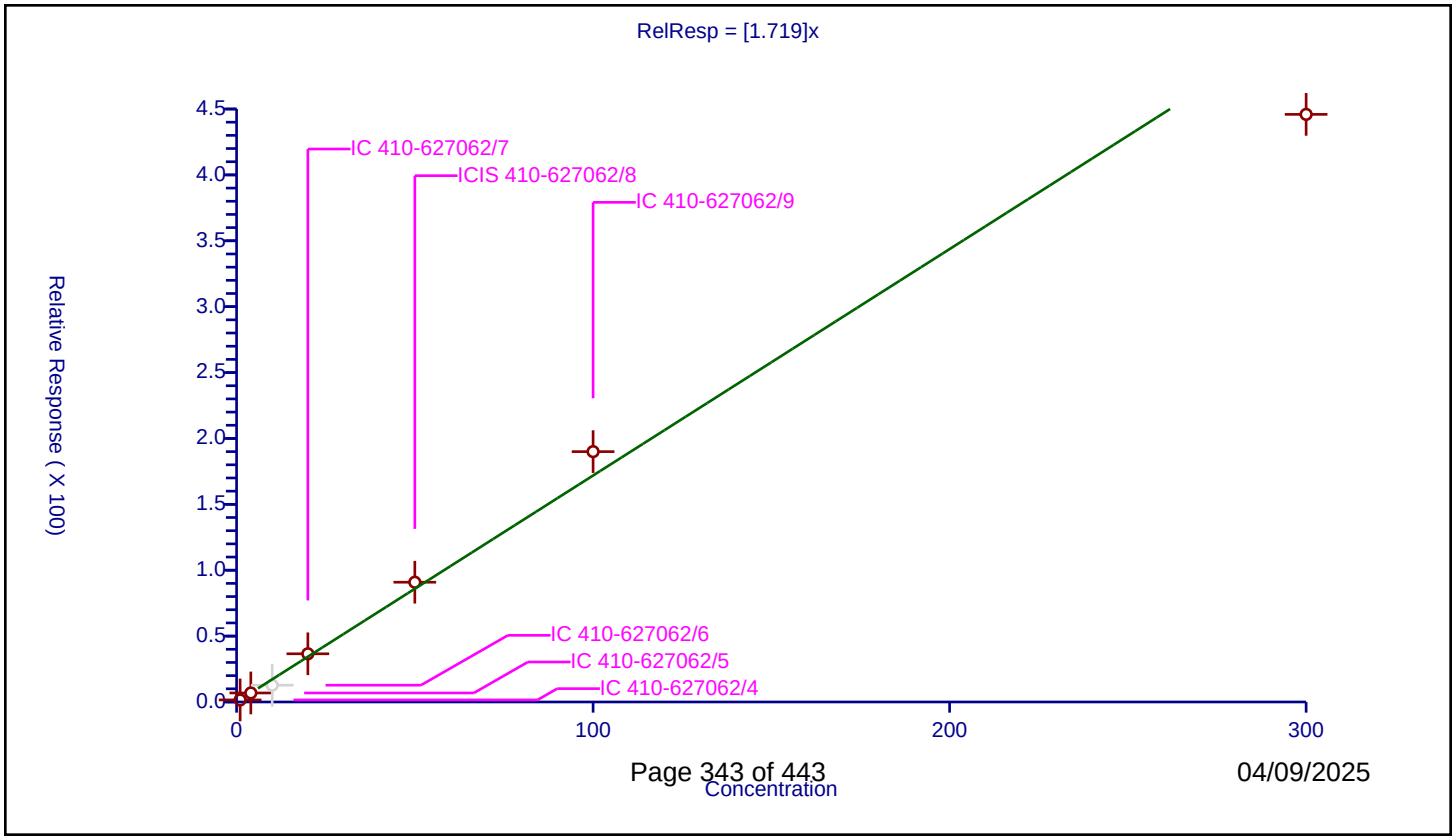
Curve Coefficients

Intercept:	0
Slope:	1.719

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.565484	50.0	818980.0	1.565484	Y
2	IC 410-627062/5	4.0	6.850485	50.0	824000.0	1.712621	Y
3	IC 410-627062/6	10.0	12.730351	50.0	794766.0	1.273035	N
4	IC 410-627062/7	20.0	36.586147	50.0	839796.0	1.829307	Y
5	ICIS 410-627062/8	50.0	90.890784	50.0	858367.0	1.817816	Y
6	IC 410-627062/9	100.0	189.994951	50.0	891330.0	1.89995	Y
7	IC 410-627062/10	300.0	445.922288	50.0	1023601.0	1.486408	Y



Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

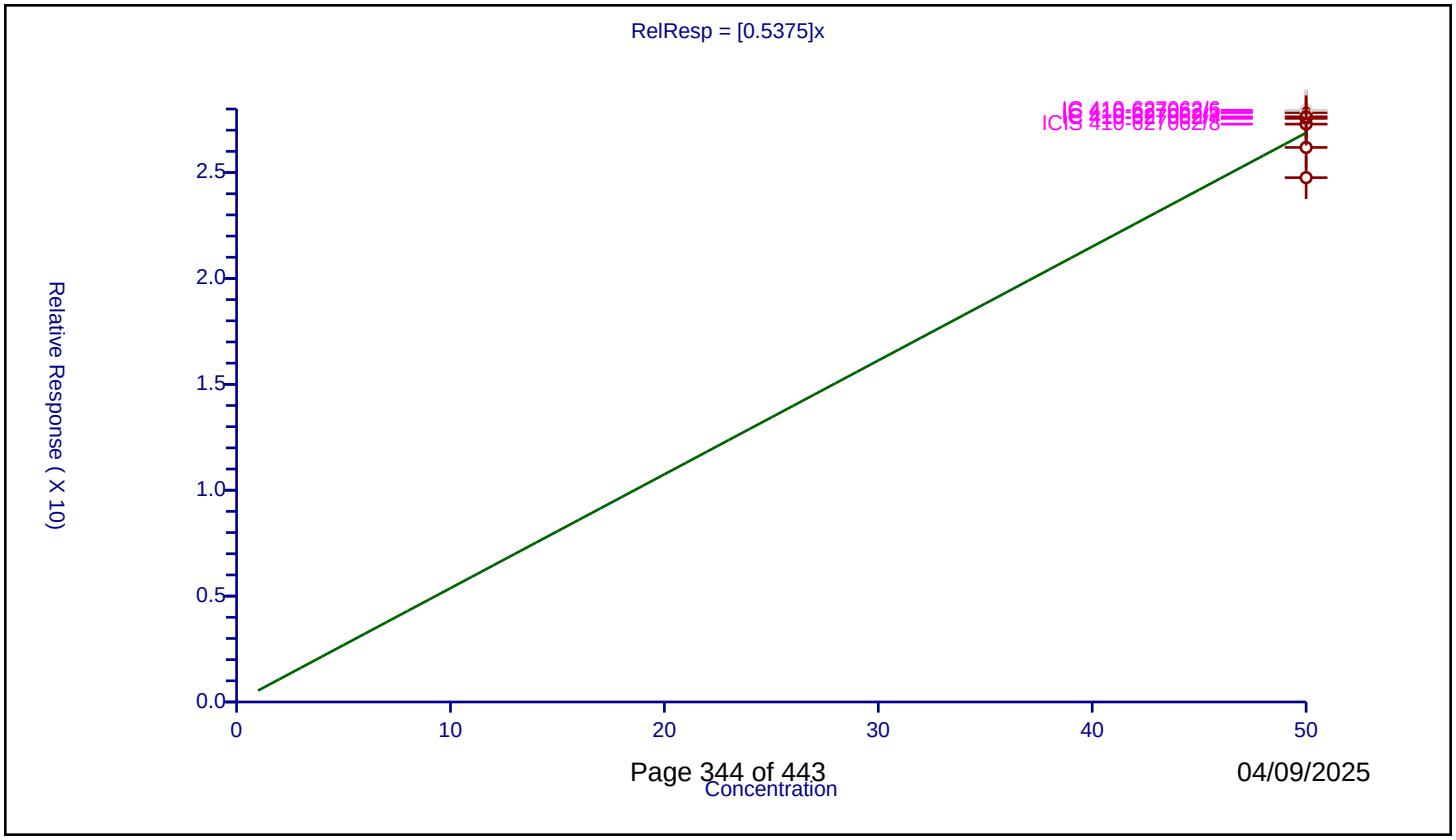
Curve Coefficients

Intercept:	0
Slope:	0.5375

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	50.0	27.55745	50.0	818980.0	0.551149	Y
2	IC 410-627062/5	50.0	27.830765	50.0	824000.0	0.556615	Y
3	IC 410-627062/6	50.0	27.939041	50.0	794766.0	0.558781	N
4	IC 410-627062/7	50.0	27.635045	50.0	839796.0	0.552701	Y
5	ICIS 410-627062/8	50.0	27.287454	50.0	858367.0	0.545749	Y
6	IC 410-627062/9	50.0	26.186093	50.0	891330.0	0.523722	Y
7	IC 410-627062/10	50.0	24.758719	50.0	1023601.0	0.495174	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

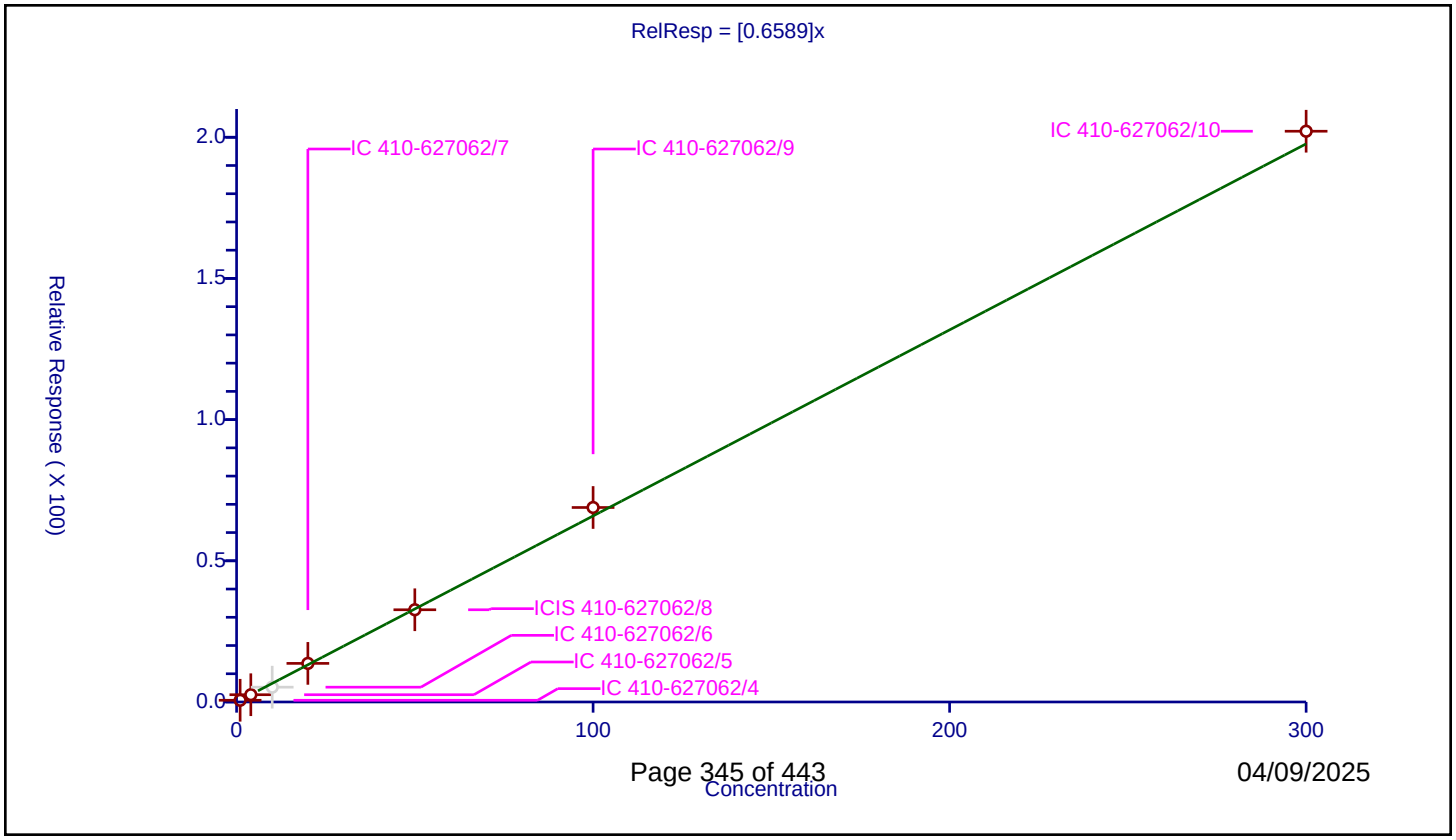
Curve Coefficients

Intercept:	0
Slope:	0.6589

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.61091	50.0	517834.0	0.61091	Y
2	IC 410-627062/5	4.0	2.571642	50.0	518268.0	0.642911	Y
3	IC 410-627062/6	10.0	5.246879	50.0	503547.0	0.524688	N
4	IC 410-627062/7	20.0	13.673162	50.0	515828.0	0.683658	Y
5	ICIS 410-627062/8	50.0	32.663945	50.0	519778.0	0.653279	Y
6	IC 410-627062/9	100.0	68.87771	50.0	524383.0	0.688777	Y
7	IC 410-627062/10	300.0	202.13037	50.0	555373.0	0.673768	Y



04/09/2025

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

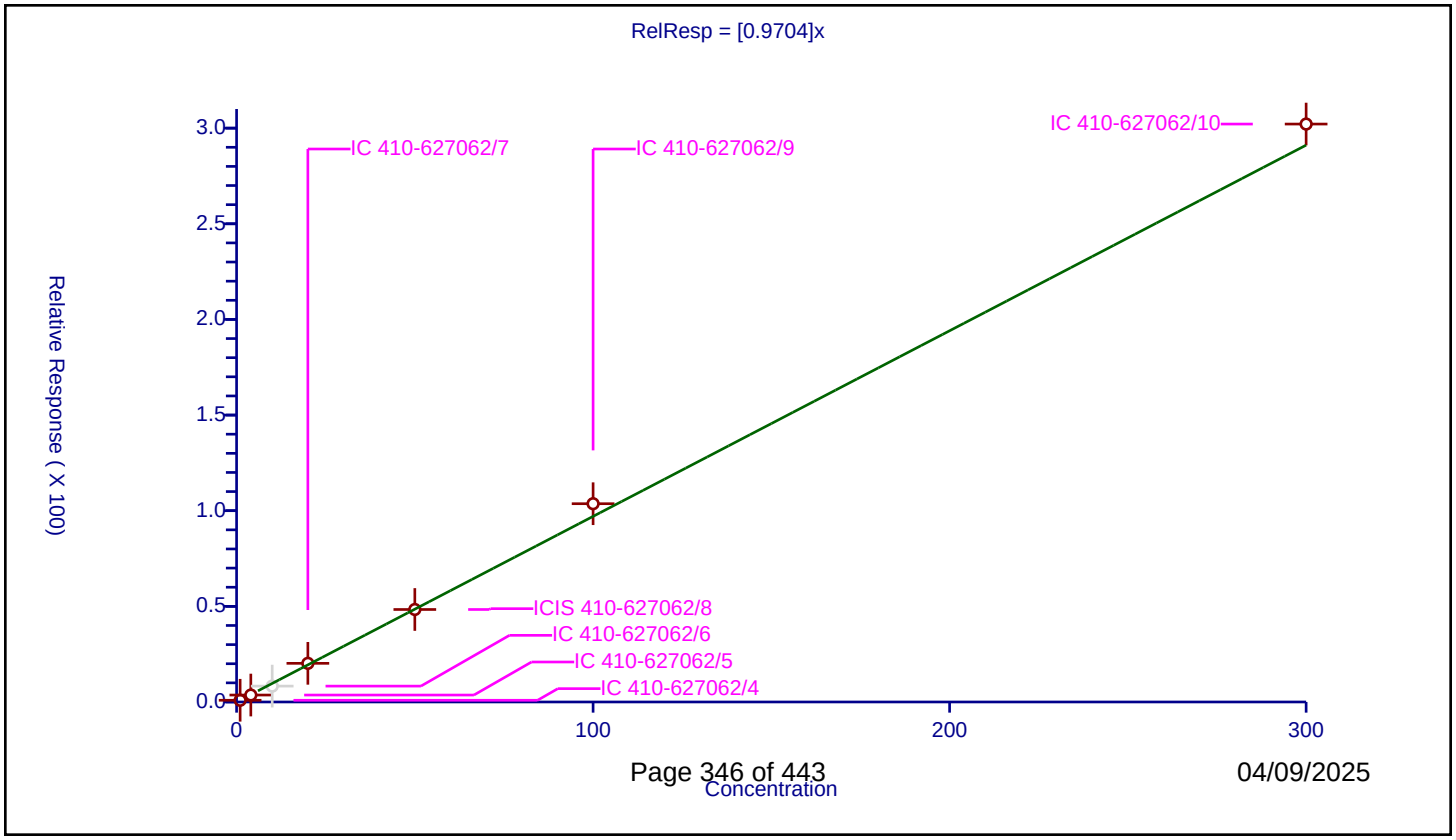
Curve Coefficients

Intercept:	0
Slope:	0.9704

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.893819	50.0	517834.0	0.893819	Y
2	IC 410-627062/5	4.0	3.629782	50.0	518268.0	0.907446	Y
3	IC 410-627062/6	10.0	8.303197	50.0	503547.0	0.83032	N
4	IC 410-627062/7	20.0	20.200629	50.0	515828.0	1.010031	Y
5	ICIS 410-627062/8	50.0	48.3593	50.0	519778.0	0.967186	Y
6	IC 410-627062/9	100.0	103.656297	50.0	524383.0	1.036563	Y
7	IC 410-627062/10	300.0	302.137482	50.0	555373.0	1.007125	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

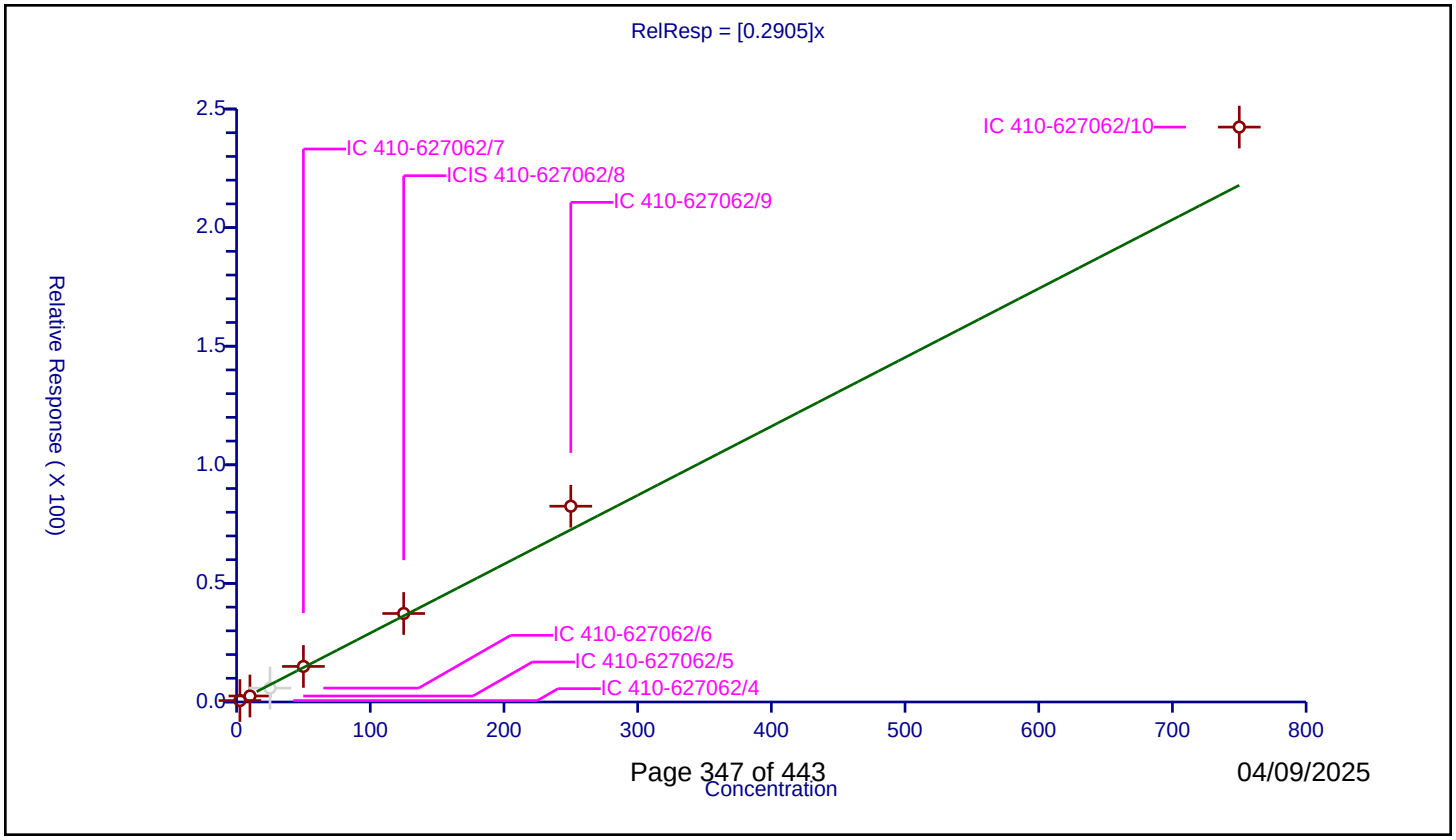
Curve Coefficients

Intercept:	0
Slope:	0.2905

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	2.5	0.598261	50.0	517834.0	0.239304	Y
2	IC 410-627062/5	10.0	2.519449	50.0	518268.0	0.251945	Y
3	IC 410-627062/6	25.0	5.867575	50.0	503547.0	0.234703	N
4	IC 410-627062/7	50.0	14.996762	50.0	515828.0	0.299935	Y
5	ICIS 410-627062/8	125.0	37.305157	50.0	519778.0	0.298441	Y
6	IC 410-627062/9	250.0	82.540529	50.0	524383.0	0.330162	Y
7	IC 410-627062/10	750.0	242.378366	50.0	555373.0	0.323171	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

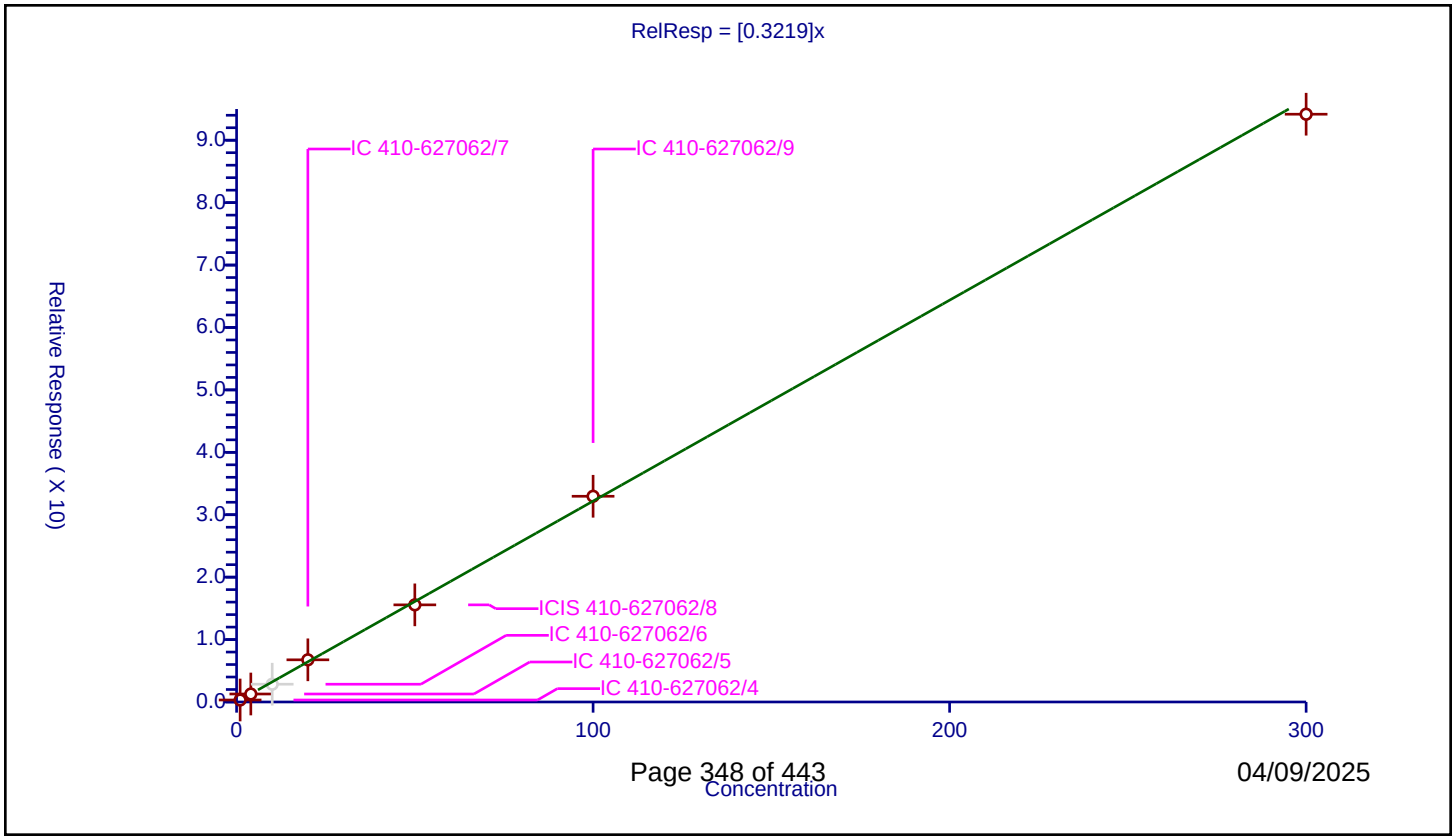
Curve Coefficients

Intercept:	0
Slope:	0.3219

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.318828	50.0	517834.0	0.318828	Y
2	IC 410-627062/5	4.0	1.27955	50.0	518268.0	0.319888	Y
3	IC 410-627062/6	10.0	2.849585	50.0	503547.0	0.284959	N
4	IC 410-627062/7	20.0	6.75797	50.0	515828.0	0.337898	Y
5	ICIS 410-627062/8	50.0	15.55972	50.0	519778.0	0.311194	Y
6	IC 410-627062/9	100.0	32.957686	50.0	524383.0	0.329577	Y
7	IC 410-627062/10	300.0	94.168964	50.0	555373.0	0.313897	Y



Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

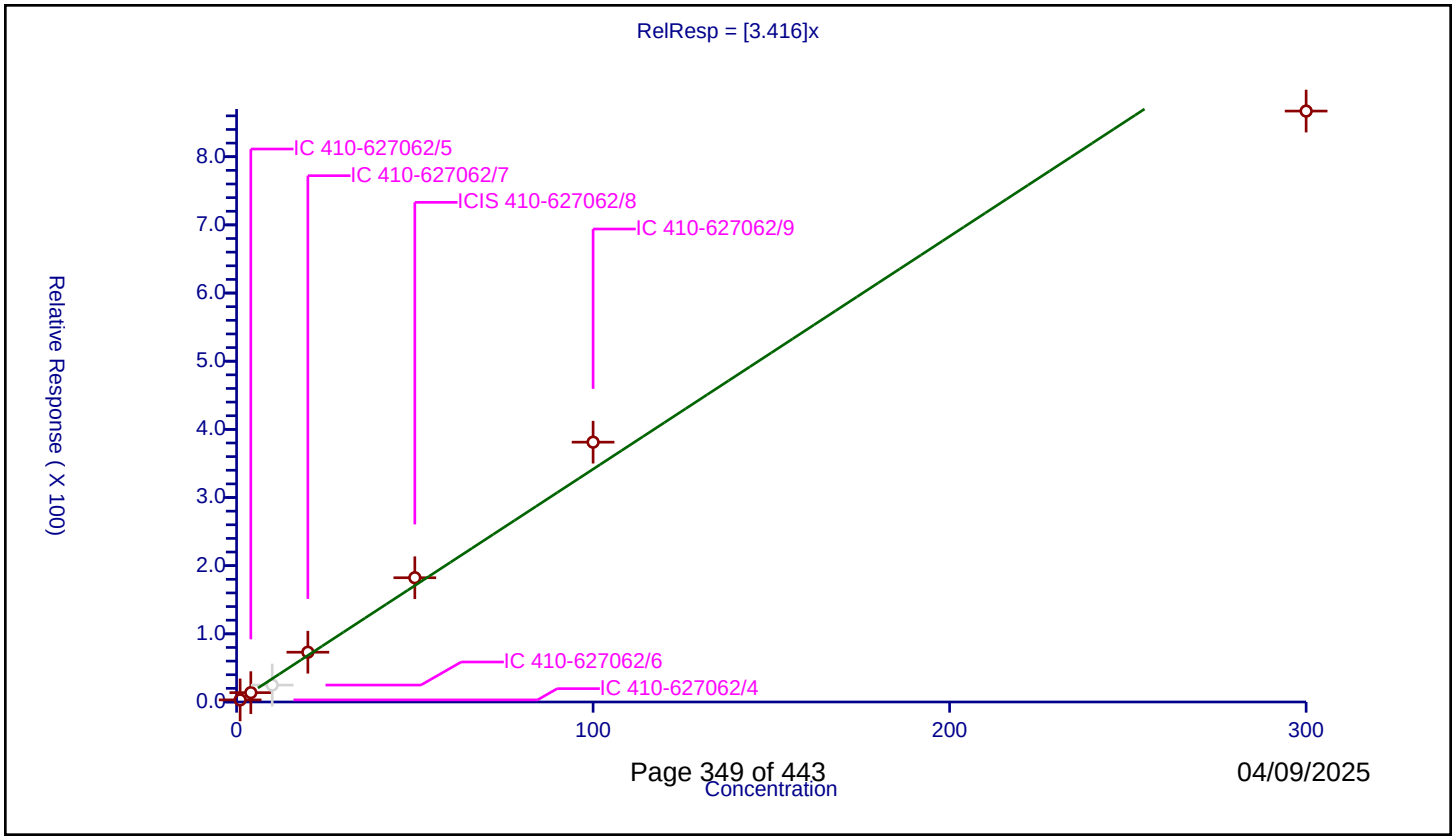
Curve Coefficients

Intercept:	0
Slope:	3.416

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	3.064592	50.0	517834.0	3.064592	Y
2	IC 410-627062/5	4.0	13.730541	50.0	518268.0	3.432635	Y
3	IC 410-627062/6	10.0	24.837602	50.0	503547.0	2.48376	N
4	IC 410-627062/7	20.0	73.02851	50.0	515828.0	3.651425	Y
5	ICIS 410-627062/8	50.0	182.287919	50.0	519778.0	3.645758	Y
6	IC 410-627062/9	100.0	381.197522	50.0	524383.0	3.811975	Y
7	IC 410-627062/10	300.0	866.974628	50.0	555373.0	2.889915	Y



Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

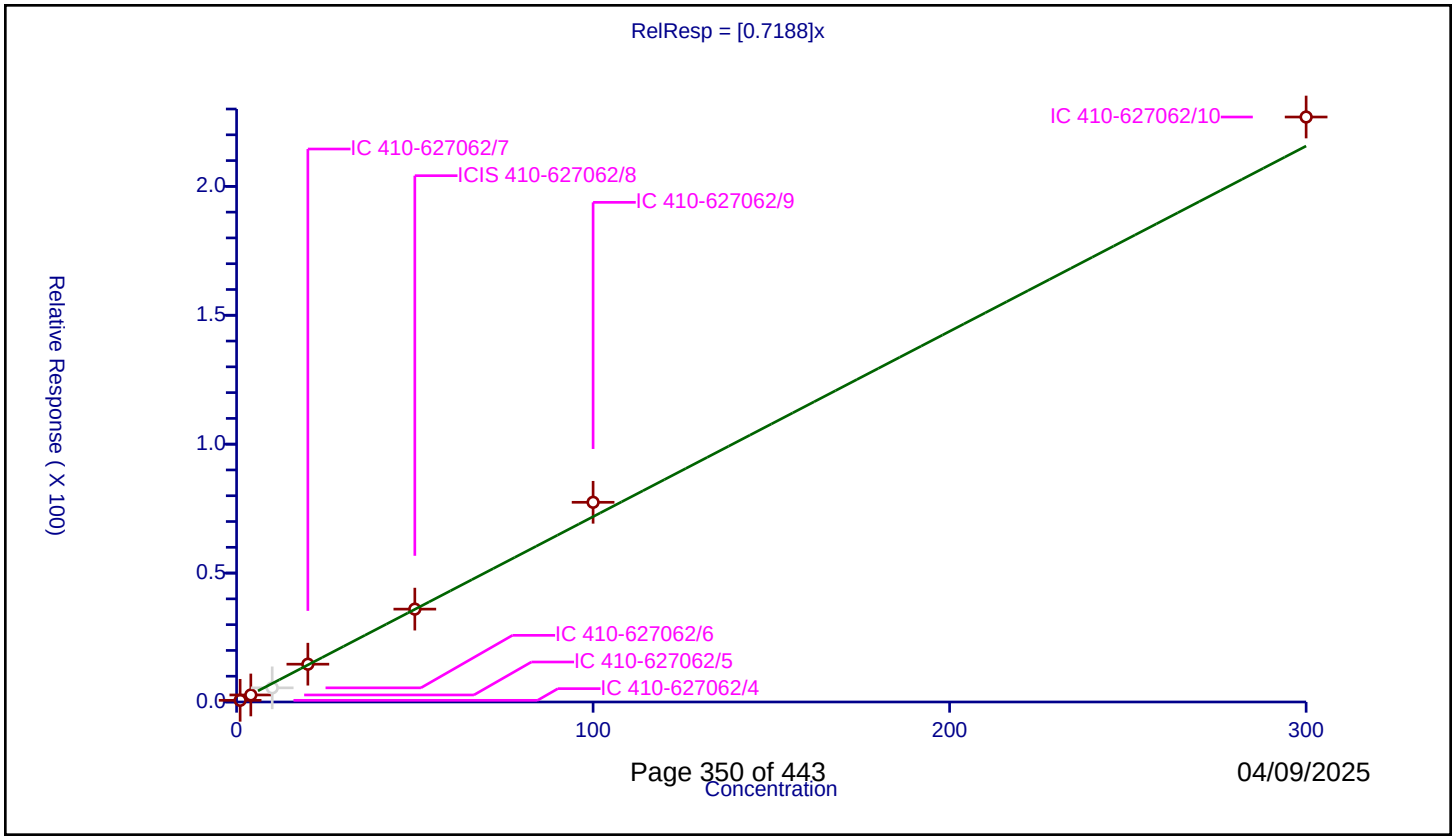
Curve Coefficients

Intercept:	0
Slope:	0.7188

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.647215	50.0	517834.0	0.647215	Y
2	IC 410-627062/5	4.0	2.725038	50.0	518268.0	0.68126	Y
3	IC 410-627062/6	10.0	5.491047	50.0	503547.0	0.549105	N
4	IC 410-627062/7	20.0	14.659732	50.0	515828.0	0.732987	Y
5	ICIS 410-627062/8	50.0	36.024707	50.0	519778.0	0.720494	Y
6	IC 410-627062/9	100.0	77.46094	50.0	524383.0	0.774609	Y
7	IC 410-627062/10	300.0	226.893367	50.0	555373.0	0.756311	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

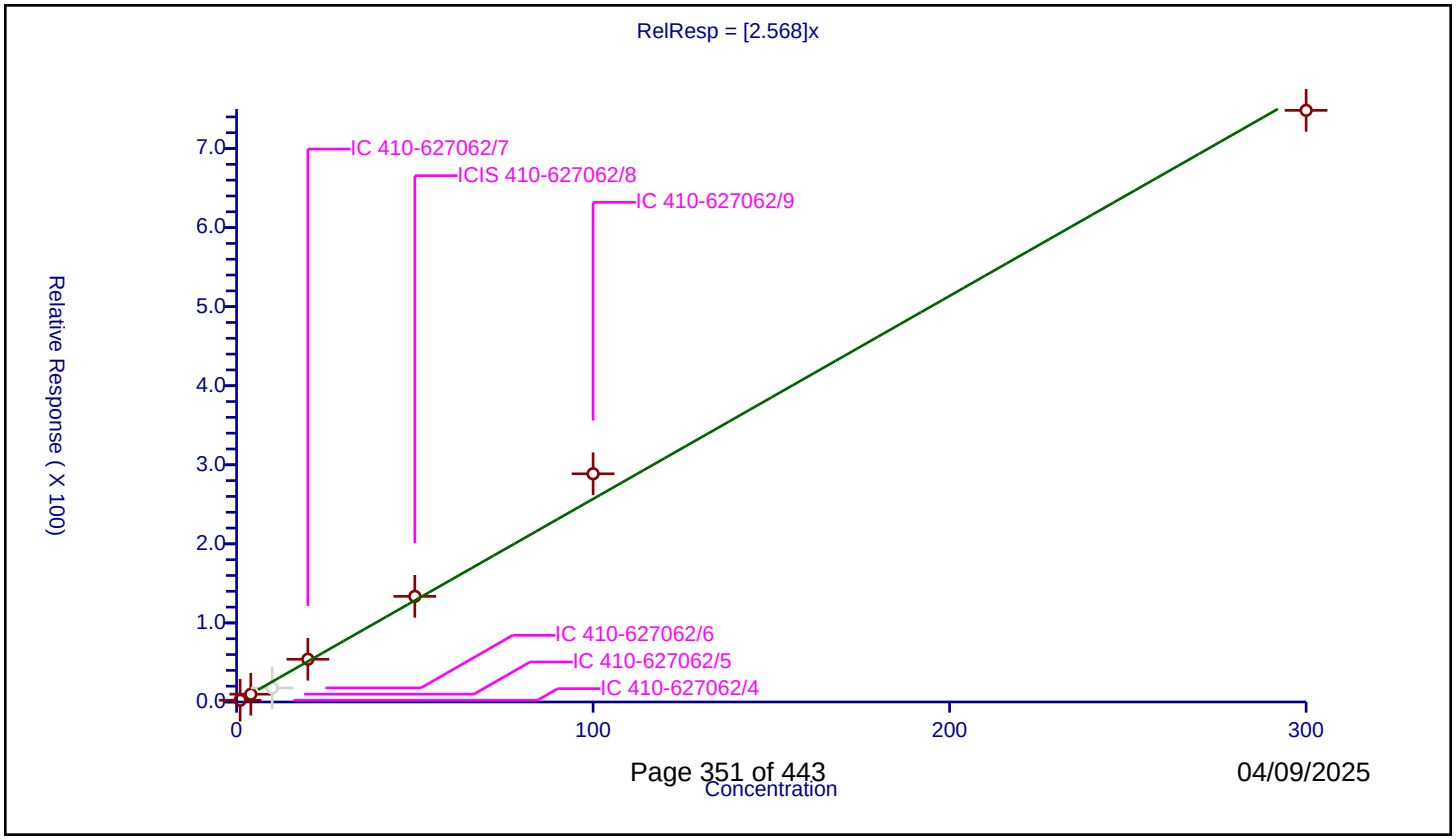
Curve Coefficients

Intercept:	0
Slope:	2.568

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	2.189408	50.0	517834.0	2.189408	Y
2	IC 410-627062/5	4.0	9.850213	50.0	518268.0	2.462553	Y
3	IC 410-627062/6	10.0	17.770039	50.0	503547.0	1.777004	N
4	IC 410-627062/7	20.0	54.048346	50.0	515828.0	2.702417	Y
5	ICIS 410-627062/8	50.0	133.630896	50.0	519778.0	2.672618	Y
6	IC 410-627062/9	100.0	288.615287	50.0	524383.0	2.886153	Y
7	IC 410-627062/10	300.0	748.32626	50.0	555373.0	2.494421	Y



Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

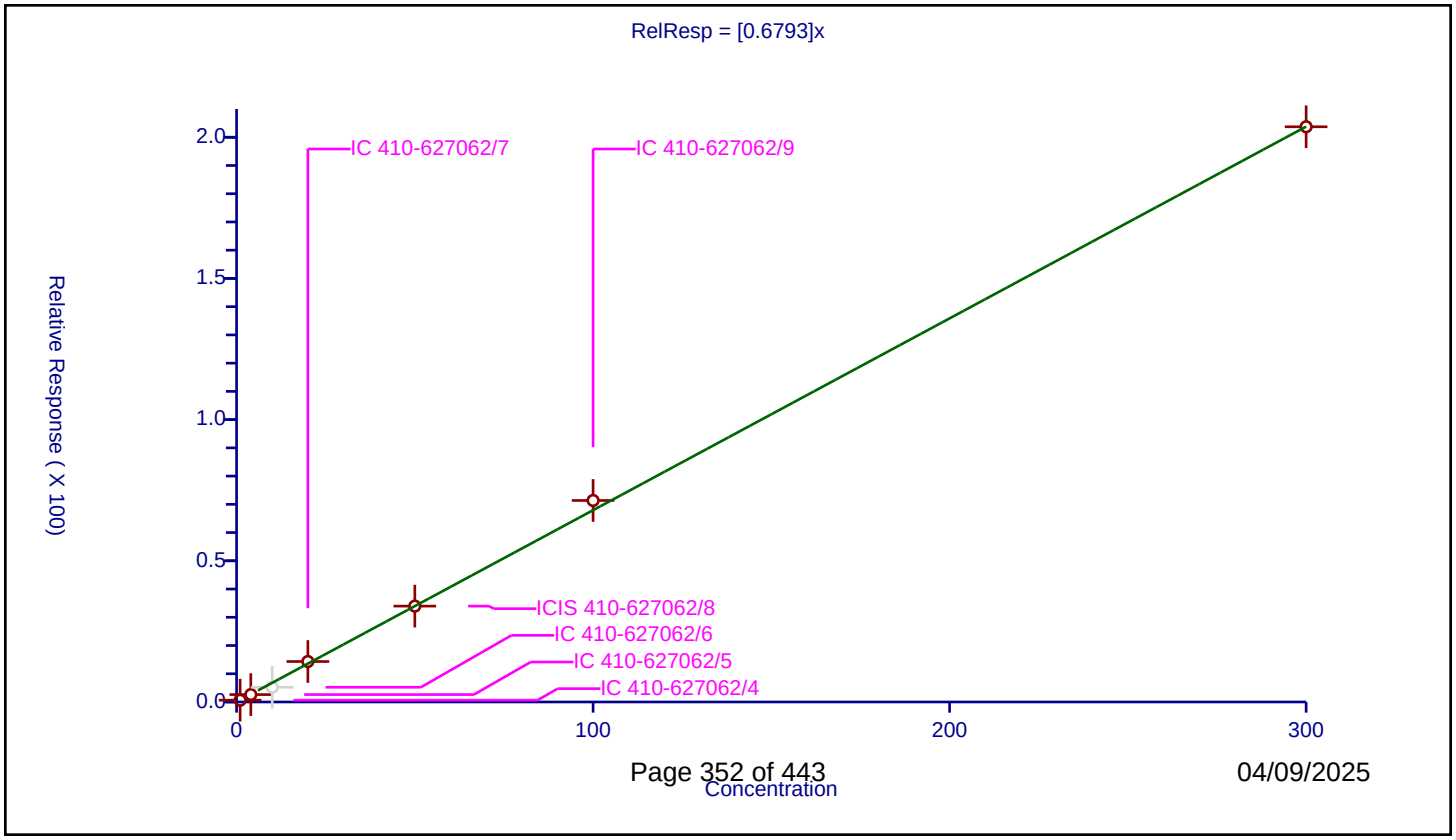
Curve Coefficients

Intercept:	0
Slope:	0.6793

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.633021	50.0	517834.0	0.633021	Y
2	IC 410-627062/5	4.0	2.616214	50.0	518268.0	0.654054	Y
3	IC 410-627062/6	10.0	5.21421	50.0	503547.0	0.521421	N
4	IC 410-627062/7	20.0	14.334332	50.0	515828.0	0.716717	Y
5	ICIS 410-627062/8	50.0	33.953534	50.0	519778.0	0.679071	Y
6	IC 410-627062/9	100.0	71.364728	50.0	524383.0	0.713647	Y
7	IC 410-627062/10	300.0	203.708138	50.0	555373.0	0.679027	Y



Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

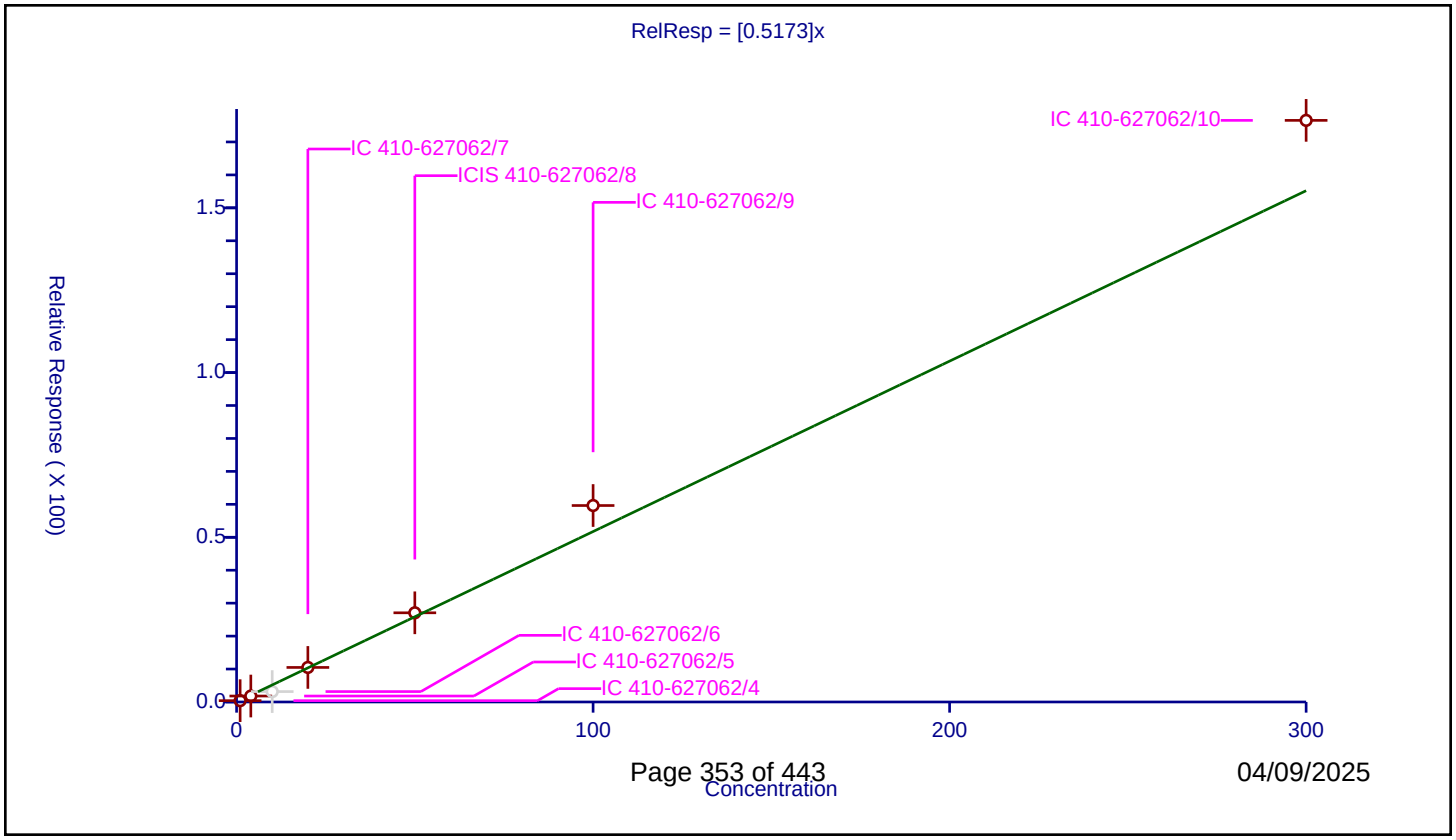
Curve Coefficients

Intercept:	0
Slope:	0.5173

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.401963	50.0	517834.0	0.401963	Y
2	IC 410-627062/5	4.0	1.805437	50.0	518268.0	0.451359	Y
3	IC 410-627062/6	10.0	3.157501	50.0	503547.0	0.31575	N
4	IC 410-627062/7	20.0	10.486829	50.0	515828.0	0.524341	Y
5	ICIS 410-627062/8	50.0	27.076656	50.0	519778.0	0.541533	Y
6	IC 410-627062/9	100.0	59.638089	50.0	524383.0	0.596381	Y
7	IC 410-627062/10	300.0	176.549634	50.0	555373.0	0.588499	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

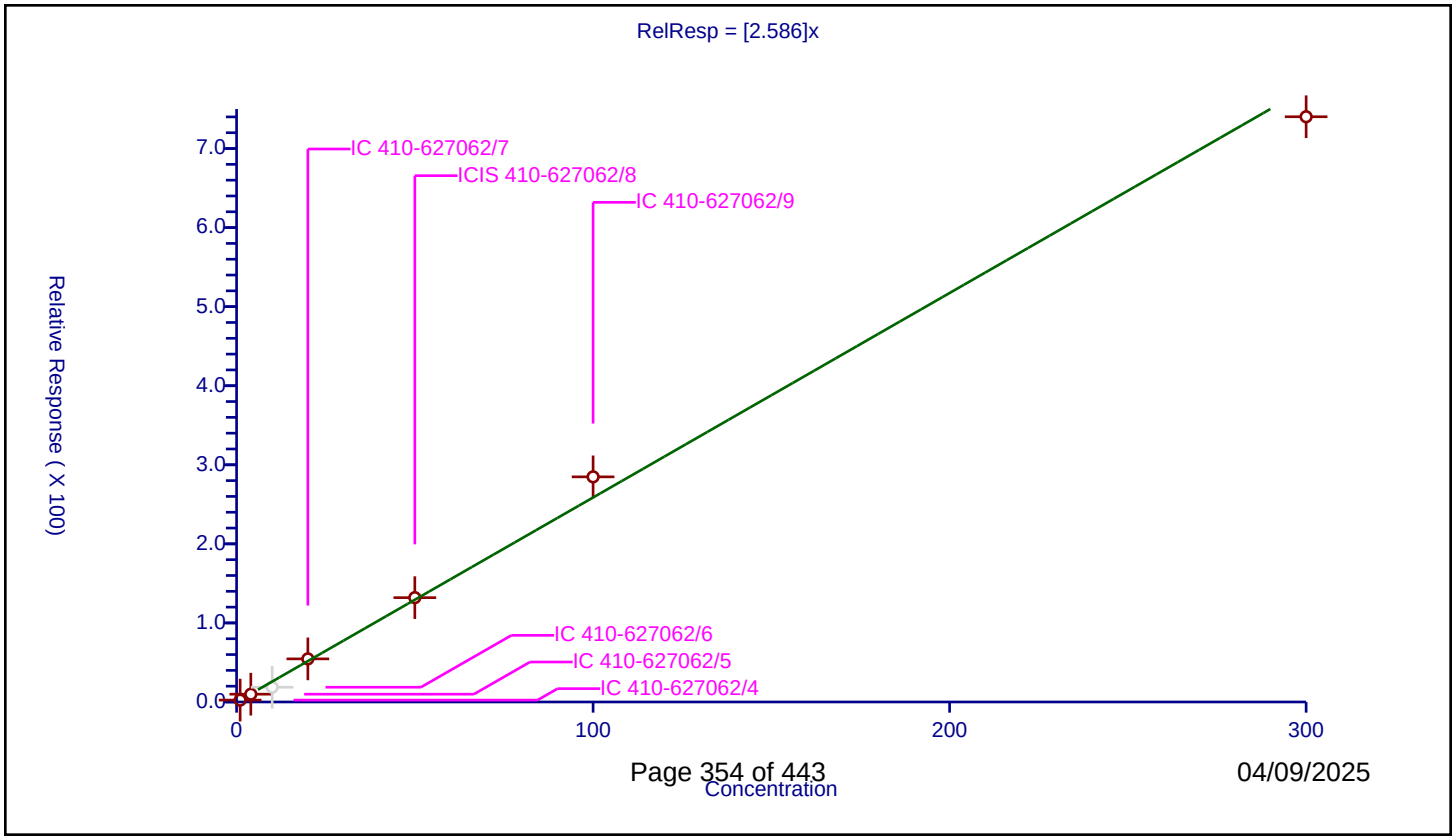
Curve Coefficients

Intercept:	0
Slope:	2.586

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	2.369196	50.0	517834.0	2.369196	Y
2	IC 410-627062/5	4.0	9.877901	50.0	518268.0	2.469475	Y
3	IC 410-627062/6	10.0	18.669657	50.0	503547.0	1.866966	N
4	IC 410-627062/7	20.0	54.519917	50.0	515828.0	2.725996	Y
5	ICIS 410-627062/8	50.0	131.951141	50.0	519778.0	2.639023	Y
6	IC 410-627062/9	100.0	284.74388	50.0	524383.0	2.847439	Y
7	IC 410-627062/10	300.0	740.205141	50.0	555373.0	2.46735	Y



Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

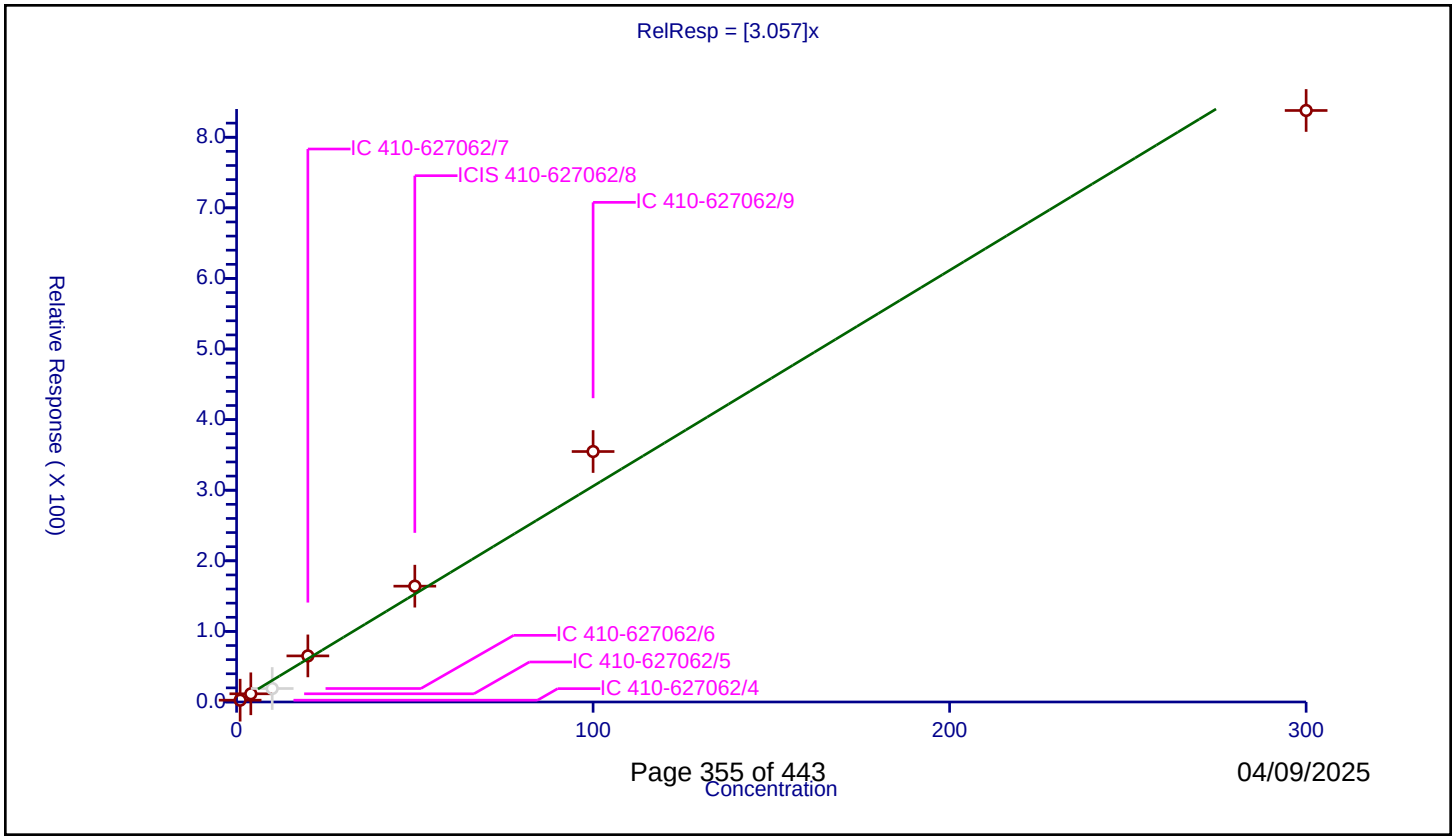
Curve Coefficients

Intercept:	0
Slope:	3.057

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	2.557866	50.0	517834.0	2.557866	Y
2	IC 410-627062/5	4.0	11.598632	50.0	518268.0	2.899658	Y
3	IC 410-627062/6	10.0	19.07806	50.0	503547.0	1.907806	N
4	IC 410-627062/7	20.0	65.291434	50.0	515828.0	3.264572	Y
5	ICIS 410-627062/8	50.0	164.083609	50.0	519778.0	3.281672	Y
6	IC 410-627062/9	100.0	354.816232	50.0	524383.0	3.548162	Y
7	IC 410-627062/10	300.0	837.913798	50.0	555373.0	2.793046	Y



Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

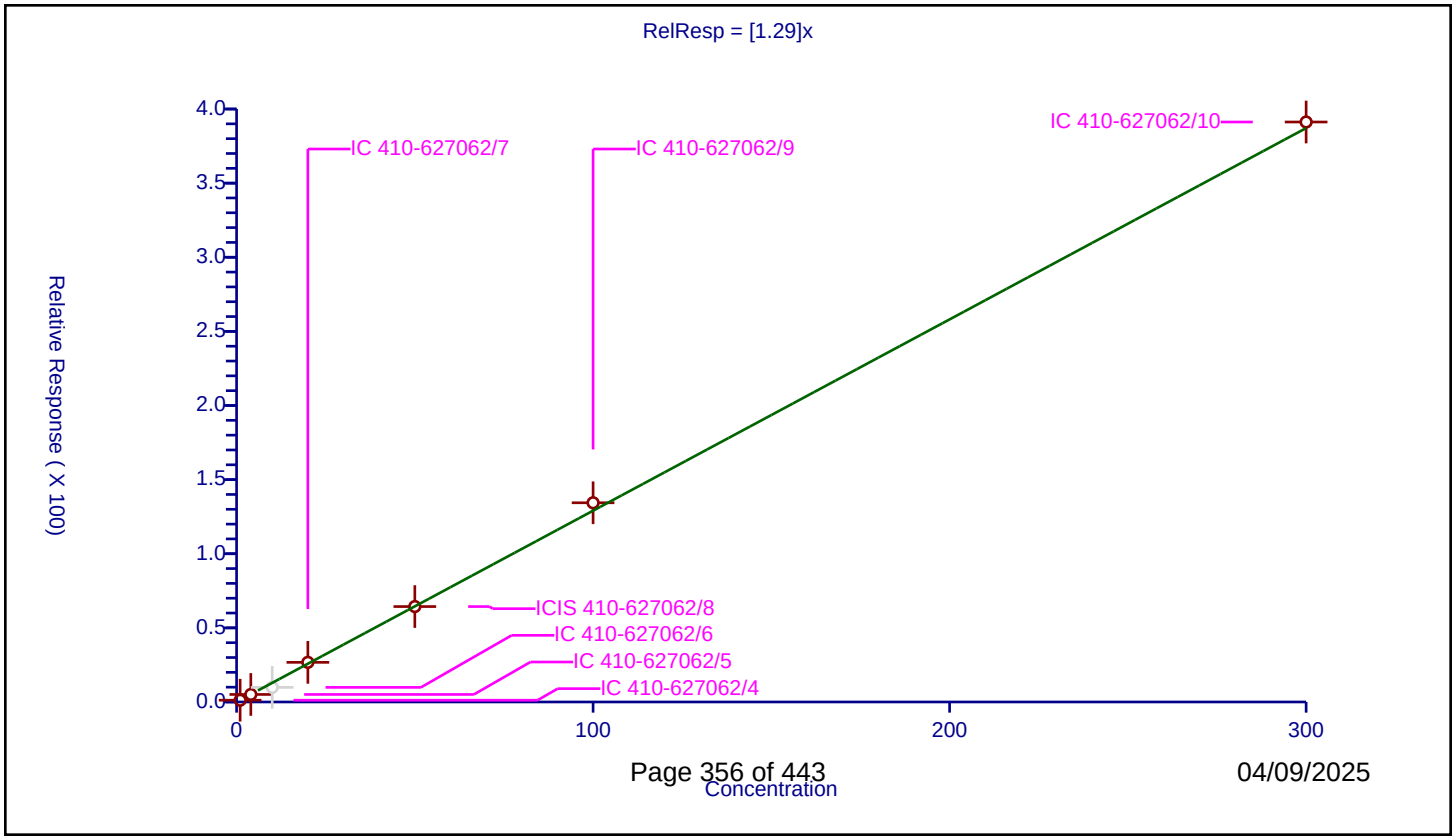
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.197971	50.0	517834.0	1.197971	Y
2	IC 410-627062/5	4.0	5.087329	50.0	518268.0	1.271832	Y
3	IC 410-627062/6	10.0	9.855783	50.0	503547.0	0.985578	N
4	IC 410-627062/7	20.0	26.743314	50.0	515828.0	1.337166	Y
5	ICIS 410-627062/8	50.0	64.375849	50.0	519778.0	1.287517	Y
6	IC 410-627062/9	100.0	134.381359	50.0	524383.0	1.343814	Y
7	IC 410-627062/10	300.0	391.23697	50.0	555373.0	1.304123	Y



Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

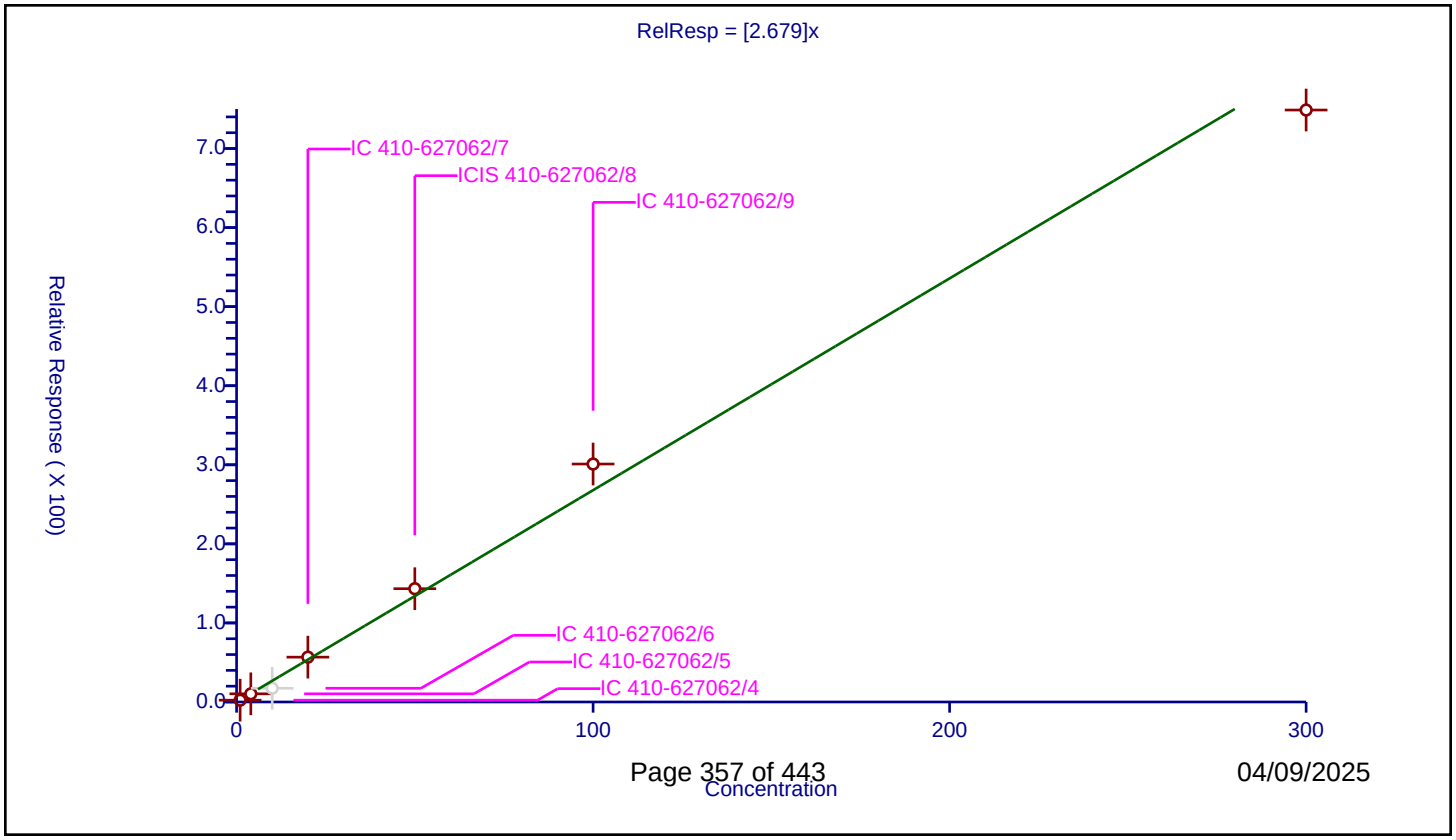
Curve Coefficients

Intercept:	0
Slope:	2.679

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	2.282199	50.0	517834.0	2.282199	Y
2	IC 410-627062/5	4.0	10.331141	50.0	518268.0	2.582785	Y
3	IC 410-627062/6	10.0	17.347834	50.0	503547.0	1.734783	N
4	IC 410-627062/7	20.0	56.72162	50.0	515828.0	2.836081	Y
5	ICIS 410-627062/8	50.0	143.303968	50.0	519778.0	2.866079	Y
6	IC 410-627062/9	100.0	300.971713	50.0	524383.0	3.009717	Y
7	IC 410-627062/10	300.0	748.730223	50.0	555373.0	2.495767	Y



Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

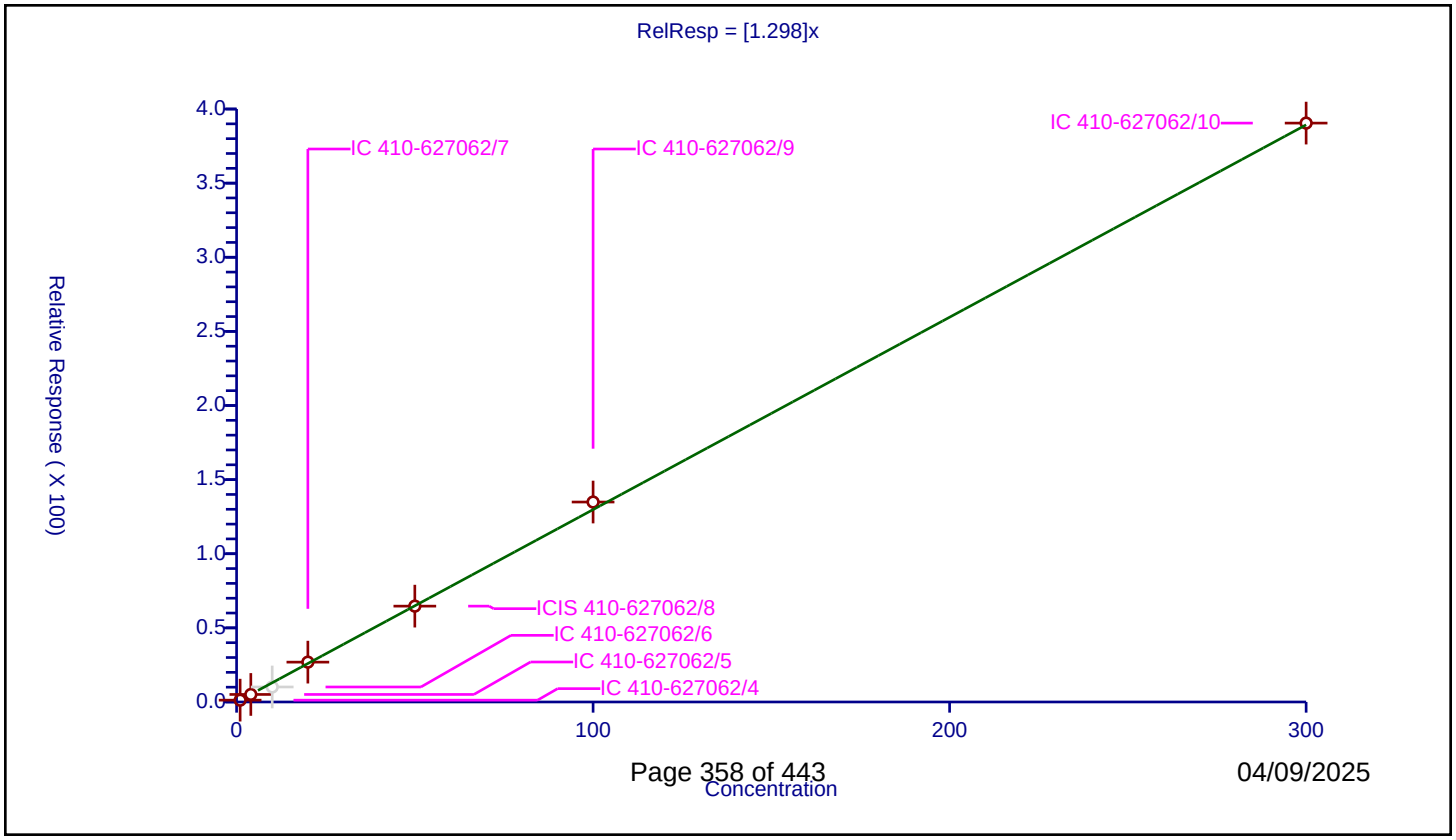
Curve Coefficients

Intercept:	0
Slope:	1.298

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.230124	50.0	517834.0	1.230124	Y
2	IC 410-627062/5	4.0	5.073437	50.0	518268.0	1.268359	Y
3	IC 410-627062/6	10.0	10.111866	50.0	503547.0	1.011187	N
4	IC 410-627062/7	20.0	26.886094	50.0	515828.0	1.344305	Y
5	ICIS 410-627062/8	50.0	64.66251	50.0	519778.0	1.29325	Y
6	IC 410-627062/9	100.0	134.885094	50.0	524383.0	1.348851	Y
7	IC 410-627062/10	300.0	390.50422	50.0	555373.0	1.301681	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

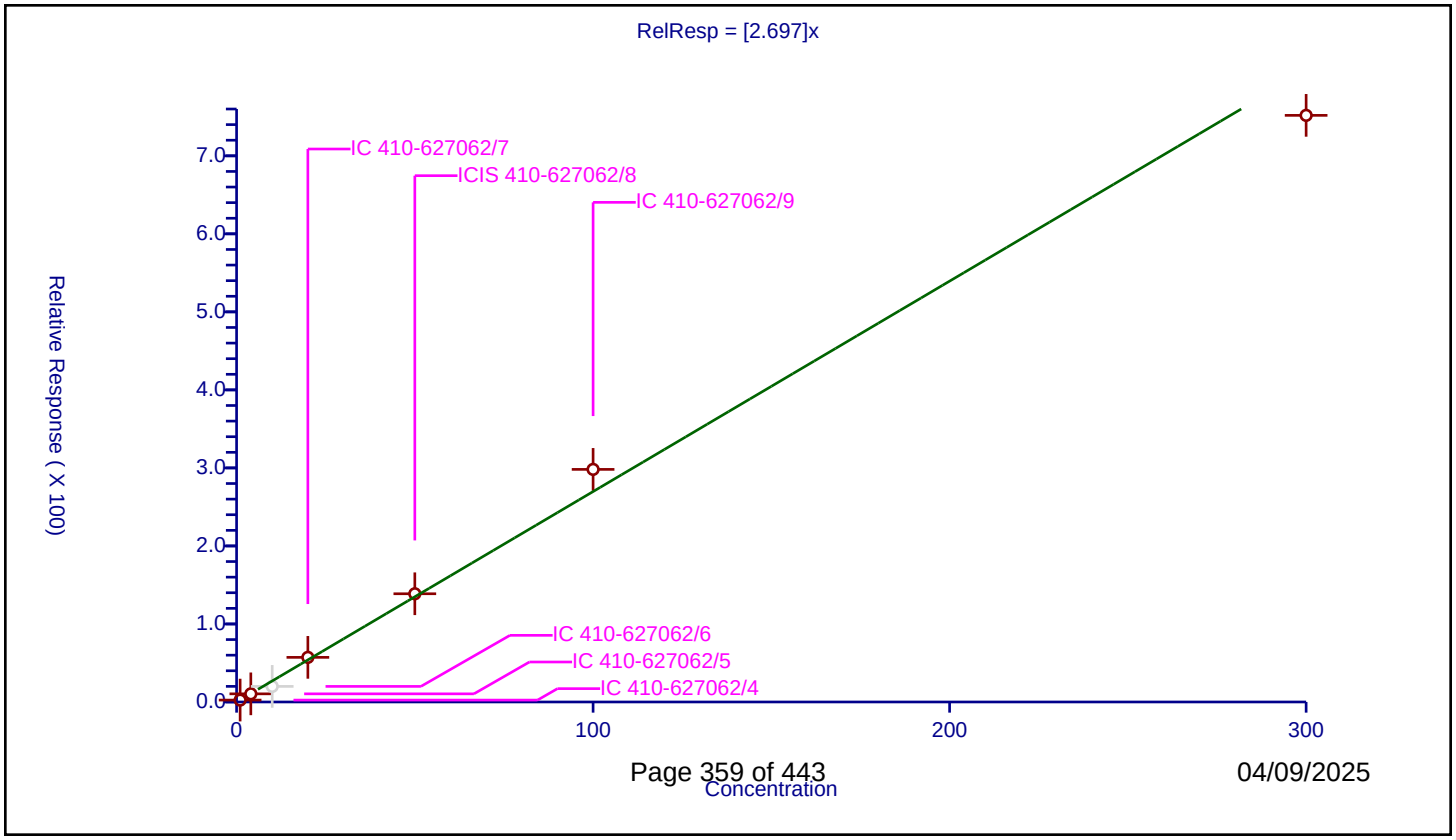
Curve Coefficients

Intercept:	0
Slope:	2.697

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	2.450592	50.0	517834.0	2.450592	Y
2	IC 410-627062/5	4.0	10.43765	50.0	518268.0	2.609413	Y
3	IC 410-627062/6	10.0	19.983735	50.0	503547.0	1.998374	N
4	IC 410-627062/7	20.0	57.212869	50.0	515828.0	2.860643	Y
5	ICIS 410-627062/8	50.0	138.705563	50.0	519778.0	2.774111	Y
6	IC 410-627062/9	100.0	298.104534	50.0	524383.0	2.981045	Y
7	IC 410-627062/10	300.0	751.858121	50.0	555373.0	2.506194	Y



Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

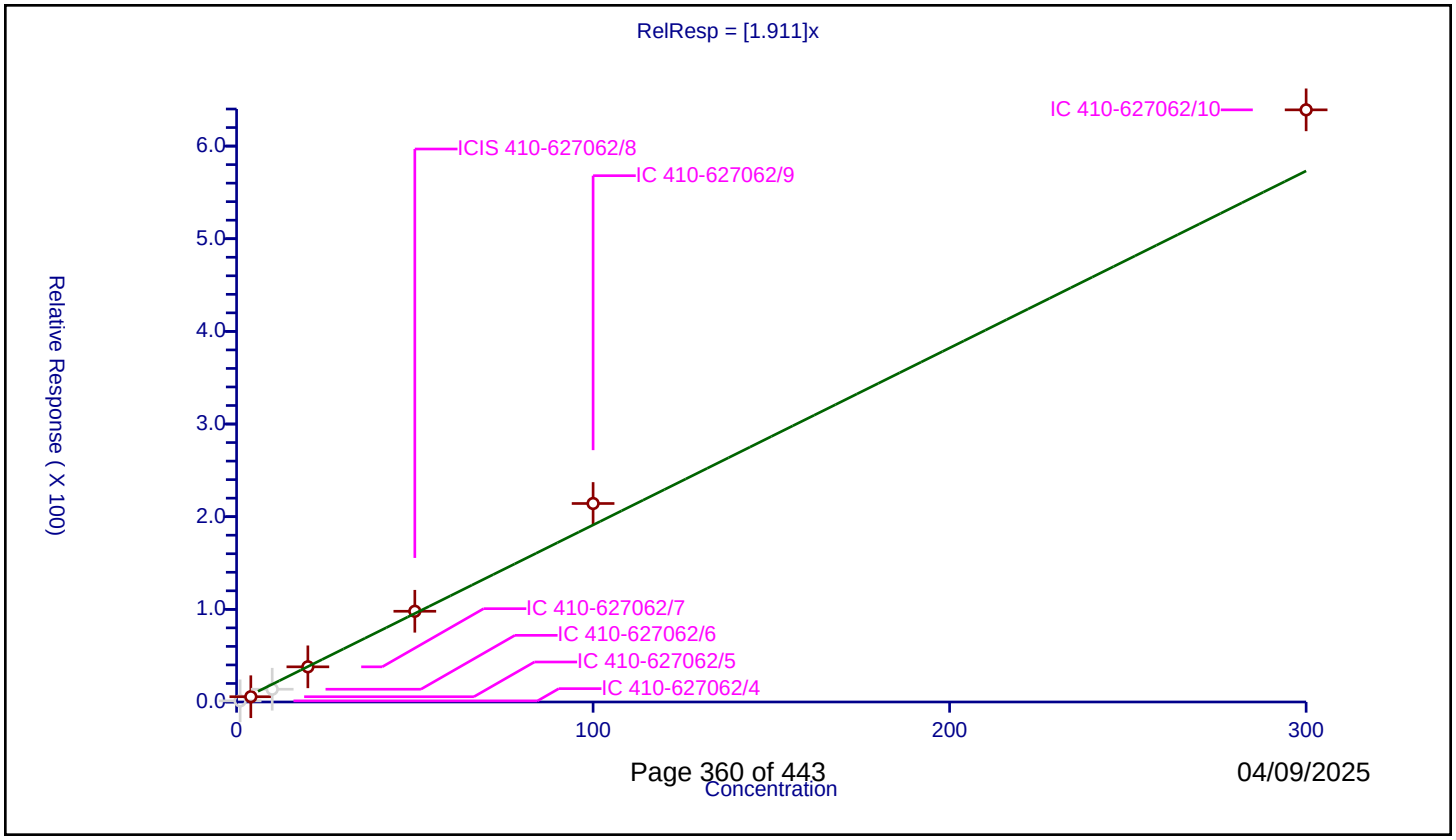
Curve Coefficients

Intercept:	0
Slope:	1.911

Error Coefficients

Relative Standard Deviation:	15.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.237076	50.0	517834.0	1.237076	N
2	IC 410-627062/5	4.0	5.696667	50.0	518268.0	1.424167	Y
3	IC 410-627062/6	10.0	13.761277	50.0	503547.0	1.376128	N
4	IC 410-627062/7	20.0	37.939681	50.0	515828.0	1.896984	Y
5	ICIS 410-627062/8	50.0	97.9371	50.0	519778.0	1.958742	Y
6	IC 410-627062/9	100.0	214.237971	50.0	524383.0	2.14238	Y
7	IC 410-627062/10	300.0	639.107411	50.0	555373.0	2.130358	Y



Calibration / 1,3-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

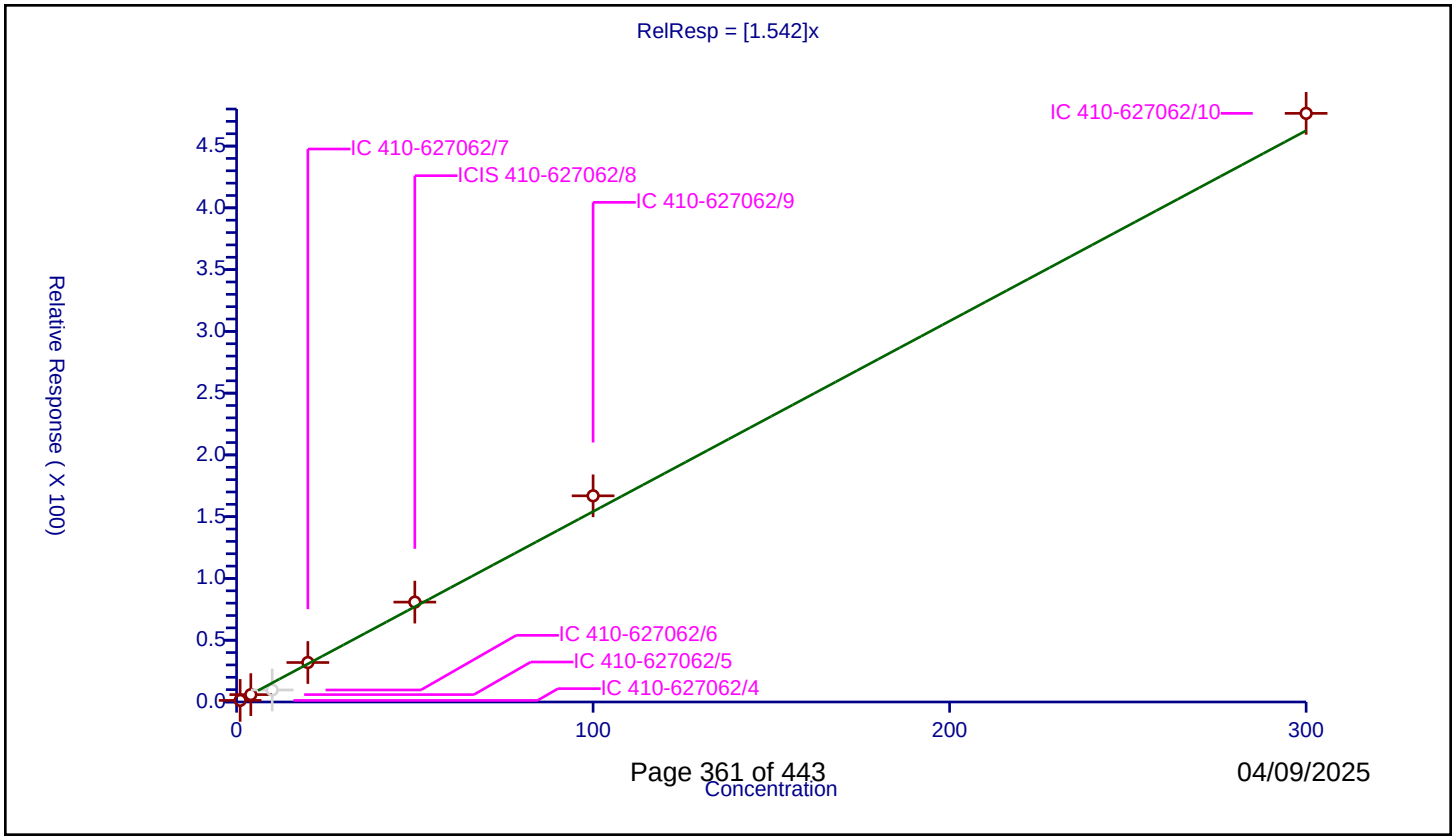
Curve Coefficients

Intercept:	0
Slope:	1.542

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.286706	50.0	517834.0	1.286706	Y
2	IC 410-627062/5	4.0	5.96535	50.0	518268.0	1.491337	Y
3	IC 410-627062/6	10.0	9.714684	50.0	503547.0	0.971468	N
4	IC 410-627062/7	20.0	31.956582	50.0	515828.0	1.597829	Y
5	ICIS 410-627062/8	50.0	80.852018	50.0	519778.0	1.61704	Y
6	IC 410-627062/9	100.0	166.896619	50.0	524383.0	1.668966	Y
7	IC 410-627062/10	300.0	476.479321	50.0	555373.0	1.588264	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

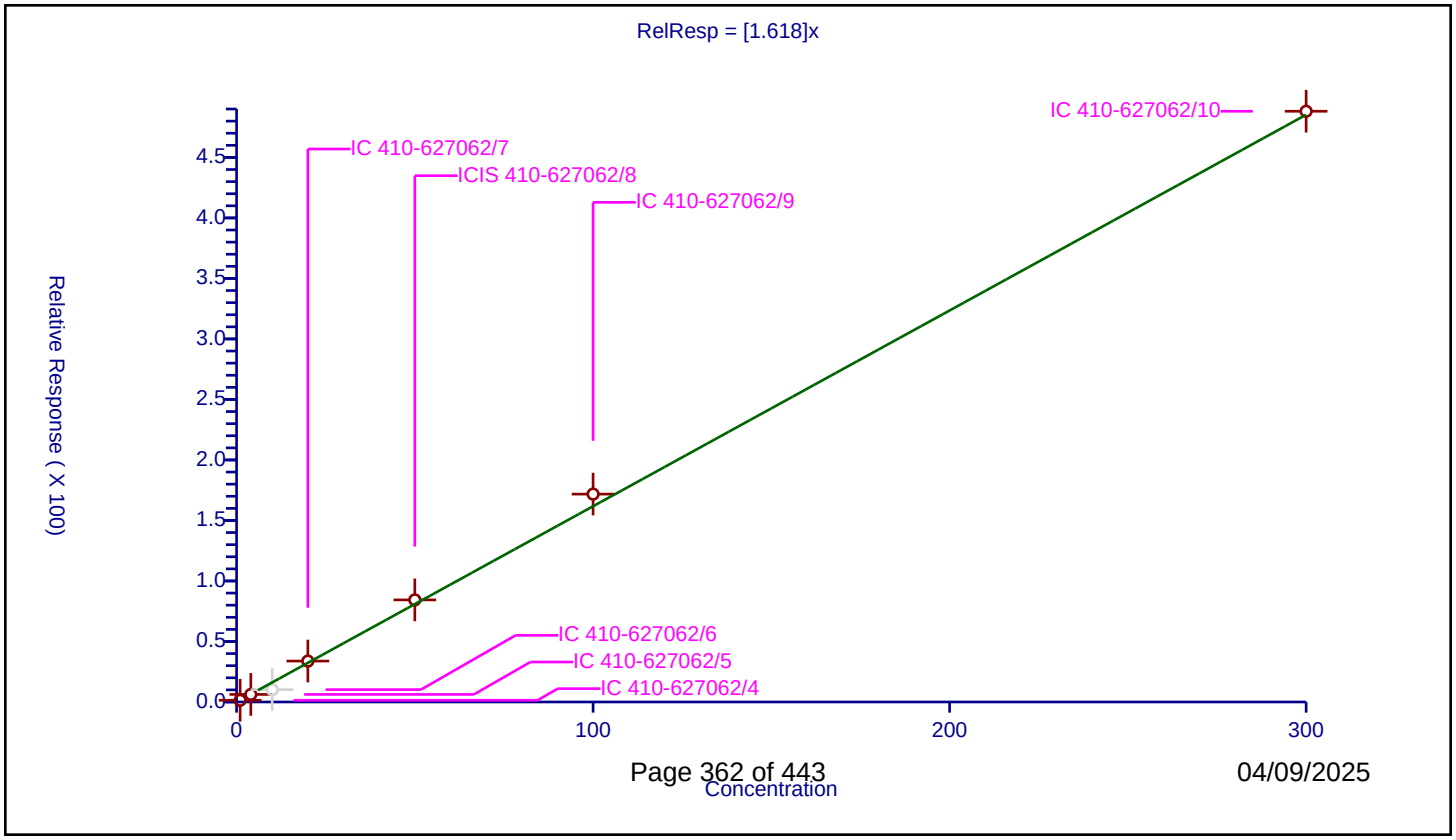
Curve Coefficients

Intercept:	0
Slope:	1.618

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.420339	50.0	517834.0	1.420339	Y
2	IC 410-627062/5	4.0	6.24725	50.0	518268.0	1.561813	Y
3	IC 410-627062/6	10.0	10.203616	50.0	503547.0	1.020362	N
4	IC 410-627062/7	20.0	33.811755	50.0	515828.0	1.690588	Y
5	ICIS 410-627062/8	50.0	84.36294	50.0	519778.0	1.687259	Y
6	IC 410-627062/9	100.0	171.78875	50.0	524383.0	1.717887	Y
7	IC 410-627062/10	300.0	488.145895	50.0	555373.0	1.627153	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

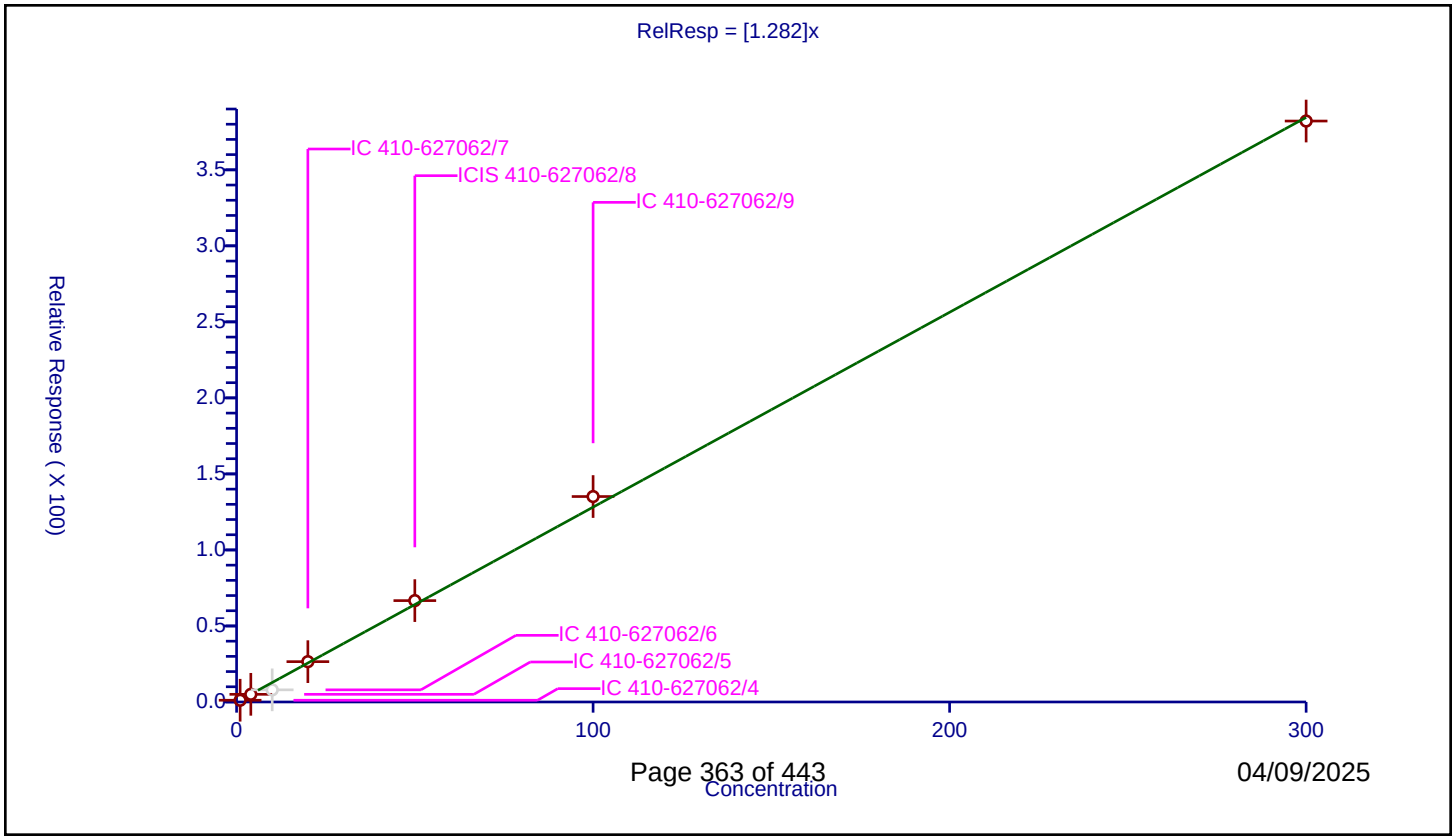
Curve Coefficients

Intercept:	0
Slope:	1.282

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.142354	50.0	517834.0	1.142354	Y
2	IC 410-627062/5	4.0	5.047582	50.0	518268.0	1.261895	Y
3	IC 410-627062/6	10.0	7.988629	50.0	503547.0	0.798863	N
4	IC 410-627062/7	20.0	26.531131	50.0	515828.0	1.326557	Y
5	ICIS 410-627062/8	50.0	66.681352	50.0	519778.0	1.333627	Y
6	IC 410-627062/9	100.0	135.11832	50.0	524383.0	1.351183	Y
7	IC 410-627062/10	300.0	382.089515	50.0	555373.0	1.273632	Y



Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

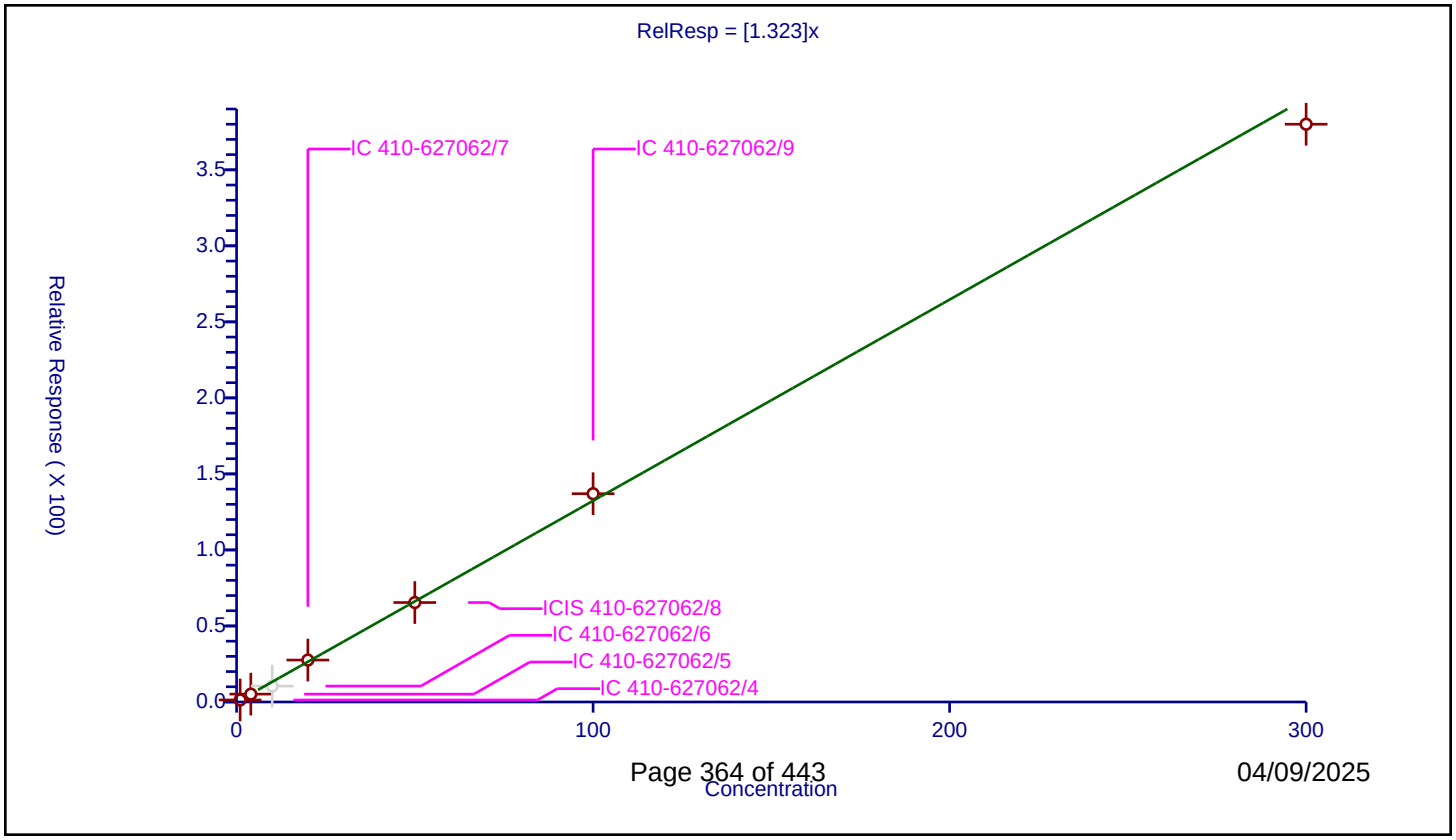
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.320114	50.0	517834.0	1.320114	Y
2	IC 410-627062/5	4.0	5.181103	50.0	518268.0	1.295276	Y
3	IC 410-627062/6	10.0	10.485317	50.0	503547.0	1.048532	N
4	IC 410-627062/7	20.0	27.577894	50.0	515828.0	1.378895	Y
5	ICIS 410-627062/8	50.0	65.414273	50.0	519778.0	1.308285	Y
6	IC 410-627062/9	100.0	136.981653	50.0	524383.0	1.369817	Y
7	IC 410-627062/10	300.0	380.007941	50.0	555373.0	1.266693	Y



Calibration / o-diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

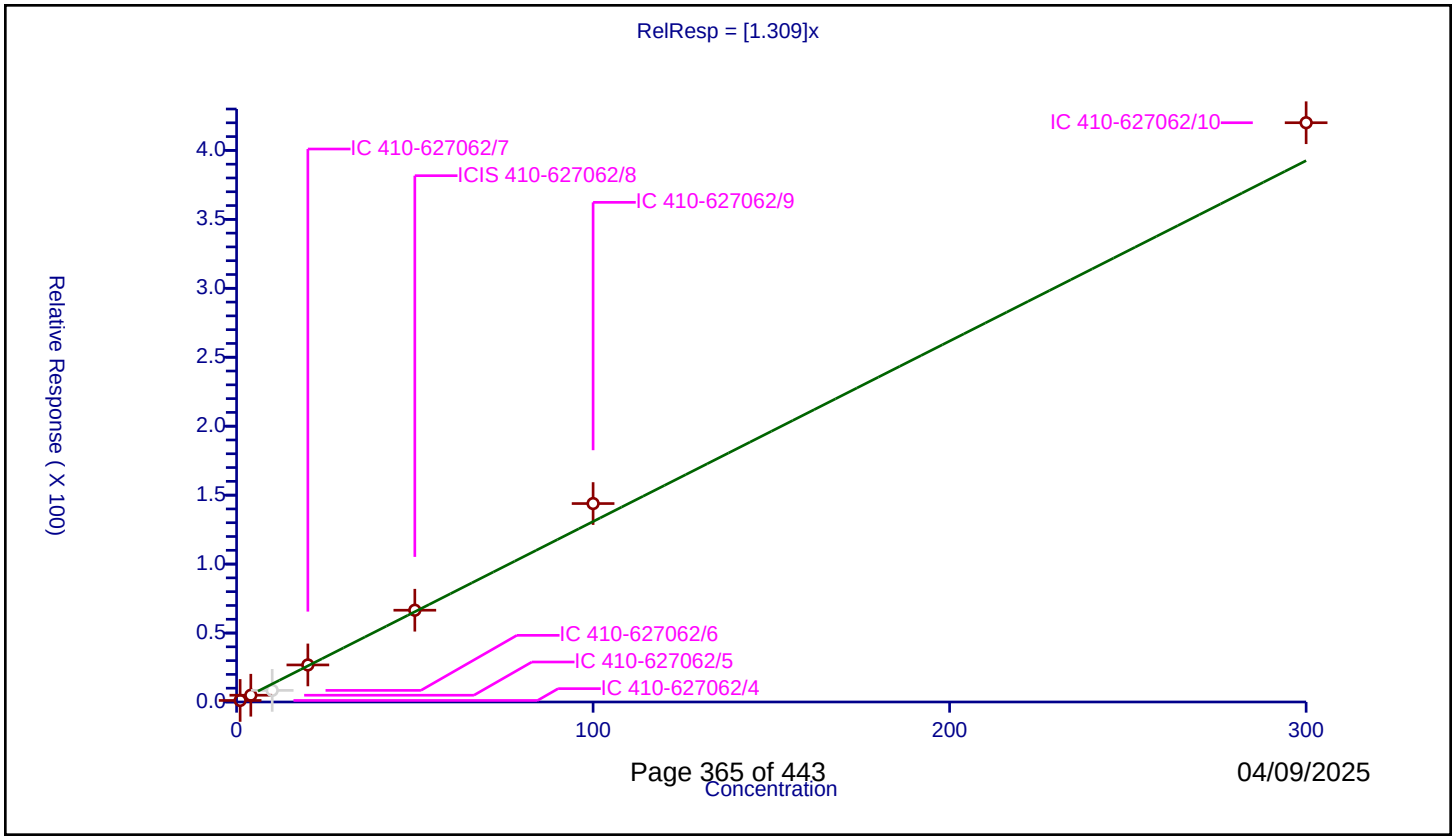
Curve Coefficients

Intercept:	0
Slope:	1.309

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	1.112229	50.0	517834.0	1.112229	Y
2	IC 410-627062/5	4.0	4.900553	50.0	518268.0	1.225138	Y
3	IC 410-627062/6	10.0	8.426125	50.0	503547.0	0.842613	N
4	IC 410-627062/7	20.0	26.87233	50.0	515828.0	1.343616	Y
5	ICIS 410-627062/8	50.0	66.558704	50.0	519778.0	1.331174	Y
6	IC 410-627062/9	100.0	143.903979	50.0	524383.0	1.43904	Y
7	IC 410-627062/10	300.0	420.065253	50.0	555373.0	1.400218	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

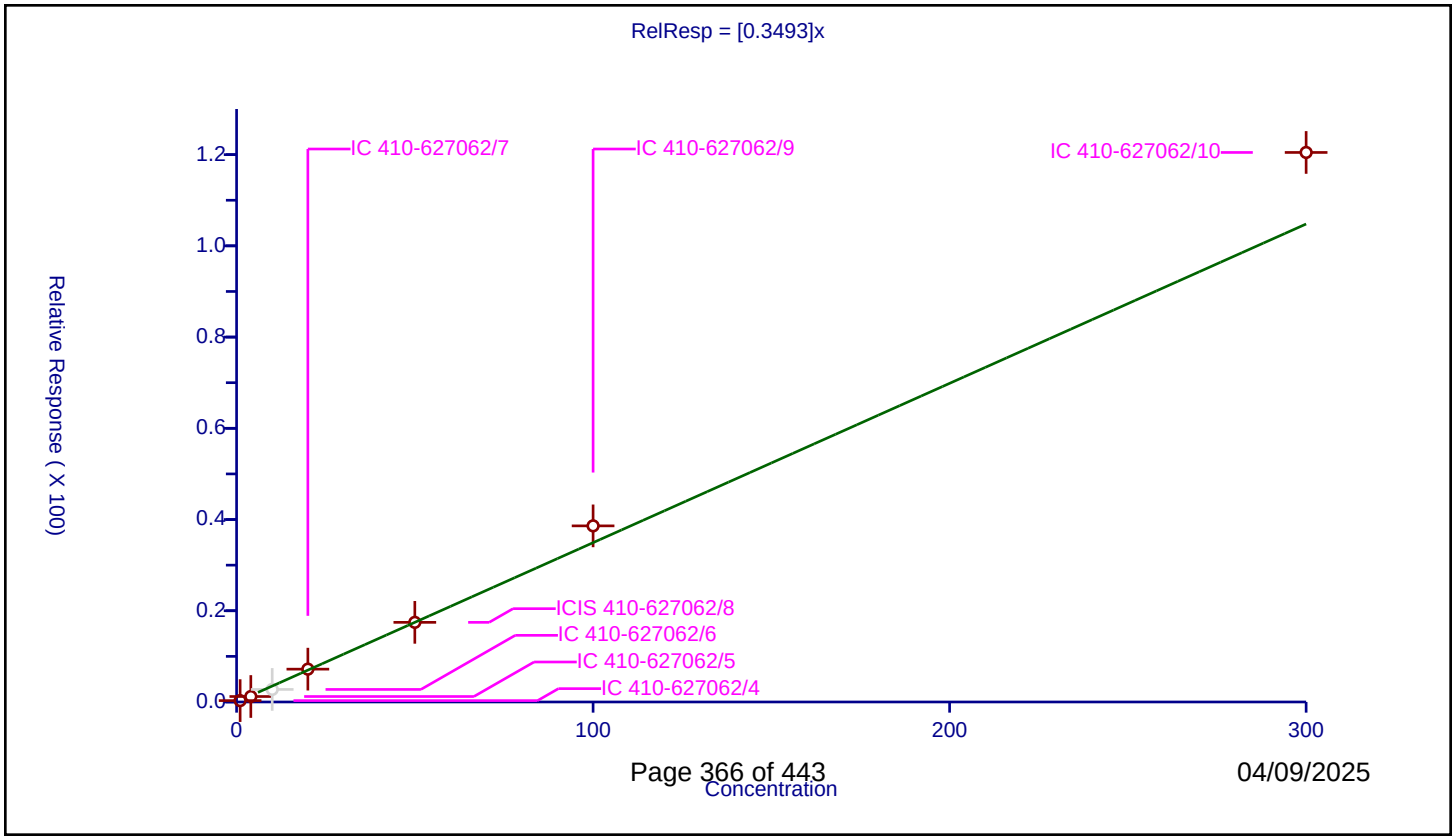
Curve Coefficients

Intercept:	0
Slope:	0.3493

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.299227	50.0	517834.0	0.299227	Y
2	IC 410-627062/5	4.0	1.198704	50.0	518268.0	0.299676	Y
3	IC 410-627062/6	10.0	2.750587	50.0	503547.0	0.275059	N
4	IC 410-627062/7	20.0	7.19959	50.0	515828.0	0.359979	Y
5	ICIS 410-627062/8	50.0	17.45803	50.0	519778.0	0.349161	Y
6	IC 410-627062/9	100.0	38.613857	50.0	524383.0	0.386139	Y
7	IC 410-627062/10	300.0	120.477769	50.0	555373.0	0.401593	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

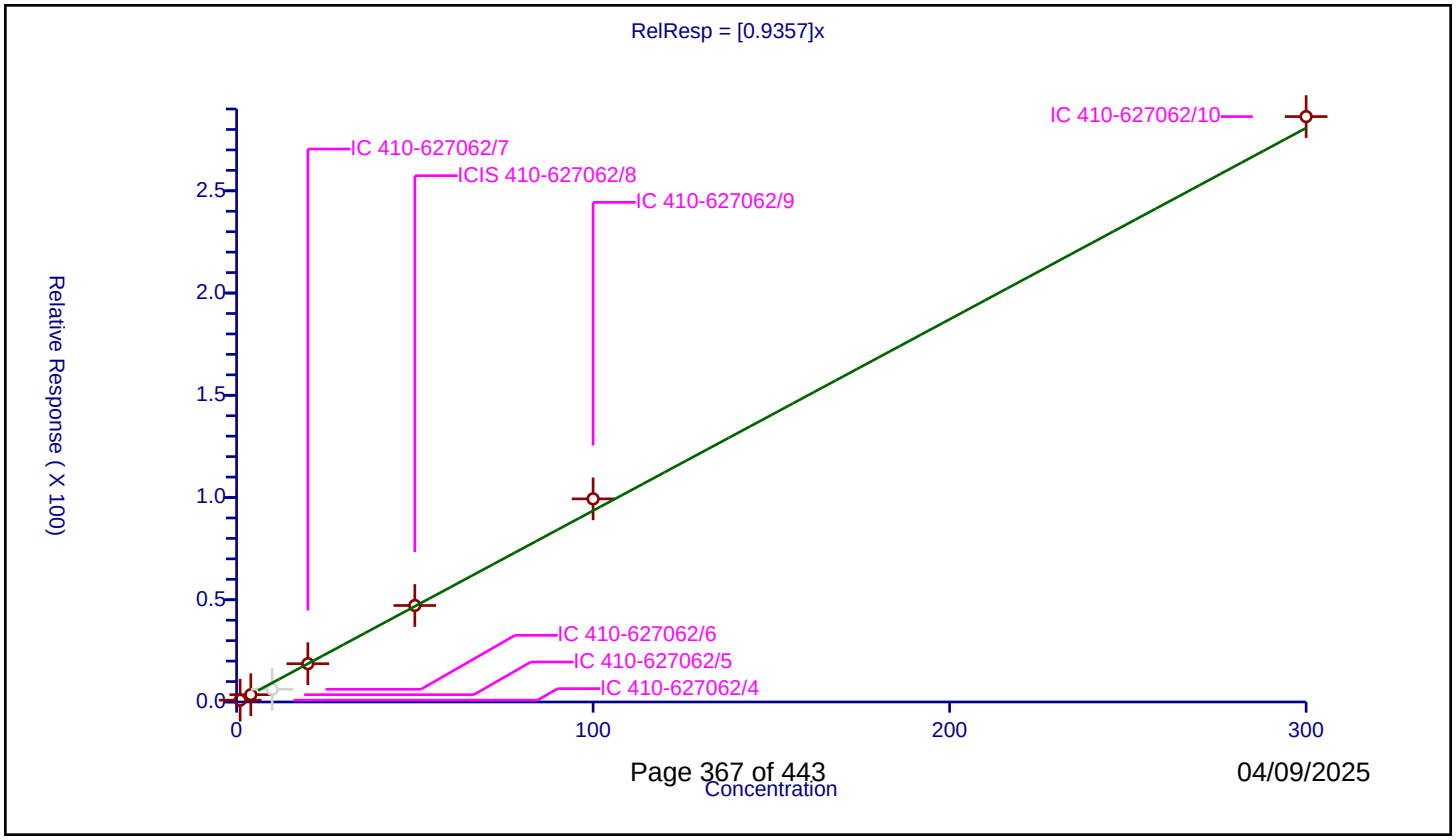
Curve Coefficients

Intercept:	0
Slope:	0.9357

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.891695	50.0	517834.0	0.891695	Y
2	IC 410-627062/5	4.0	3.580291	50.0	518268.0	0.895073	Y
3	IC 410-627062/6	10.0	6.20945	50.0	503547.0	0.620945	N
4	IC 410-627062/7	20.0	18.717576	50.0	515828.0	0.935879	Y
5	ICIS 410-627062/8	50.0	47.193129	50.0	519778.0	0.943863	Y
6	IC 410-627062/9	100.0	99.349617	50.0	524383.0	0.993496	Y
7	IC 410-627062/10	300.0	286.302089	50.0	555373.0	0.95434	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

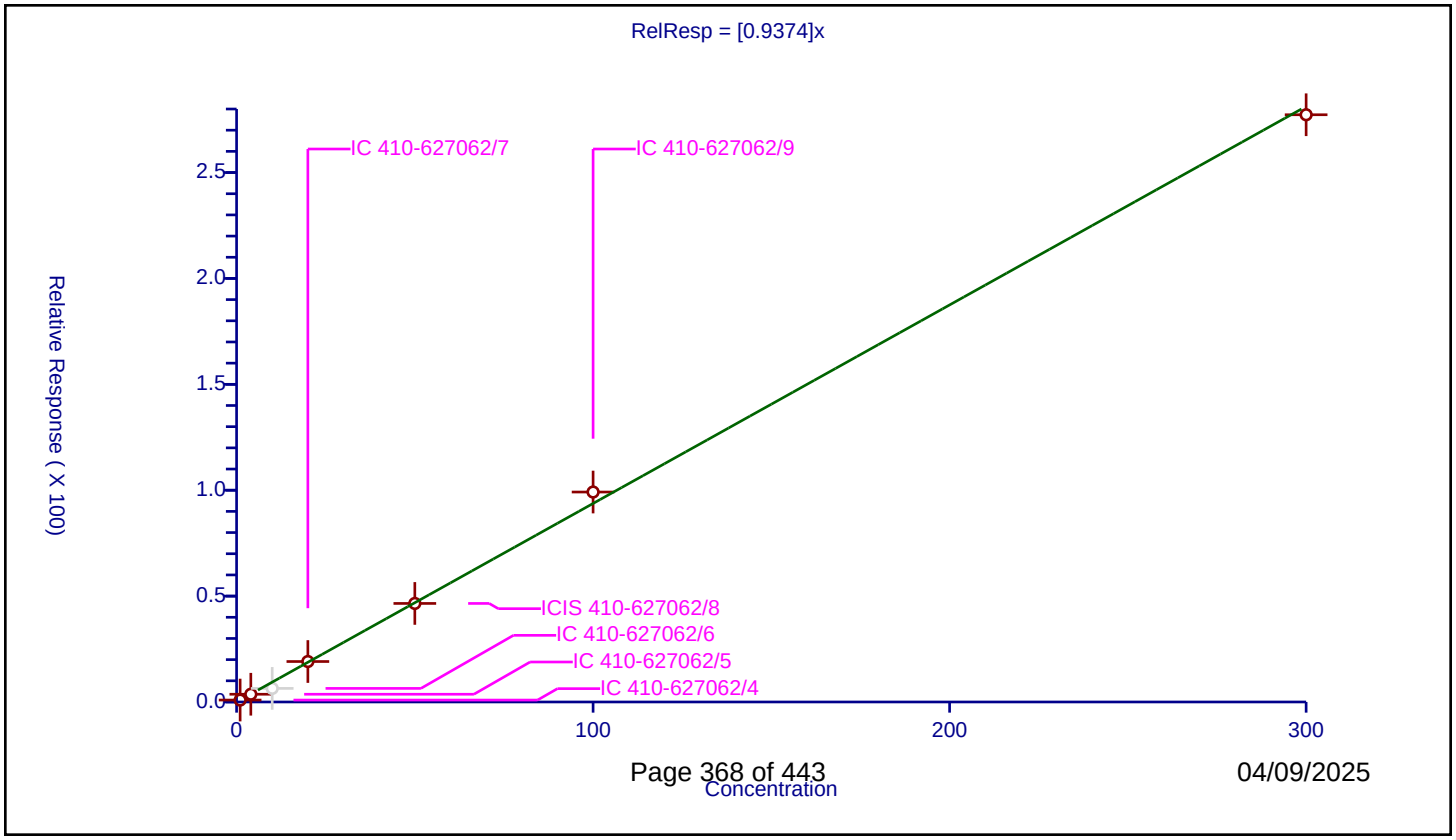
Curve Coefficients

Intercept:	0
Slope:	0.9374

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.90753	50.0	517834.0	0.90753	Y
2	IC 410-627062/5	4.0	3.660268	50.0	518268.0	0.915067	Y
3	IC 410-627062/6	10.0	6.41102	50.0	503547.0	0.641102	N
4	IC 410-627062/7	20.0	19.1117	50.0	515828.0	0.955585	Y
5	ICIS 410-627062/8	50.0	46.527845	50.0	519778.0	0.930557	Y
6	IC 410-627062/9	100.0	99.145567	50.0	524383.0	0.991456	Y
7	IC 410-627062/10	300.0	277.294989	50.0	555373.0	0.924317	Y



Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

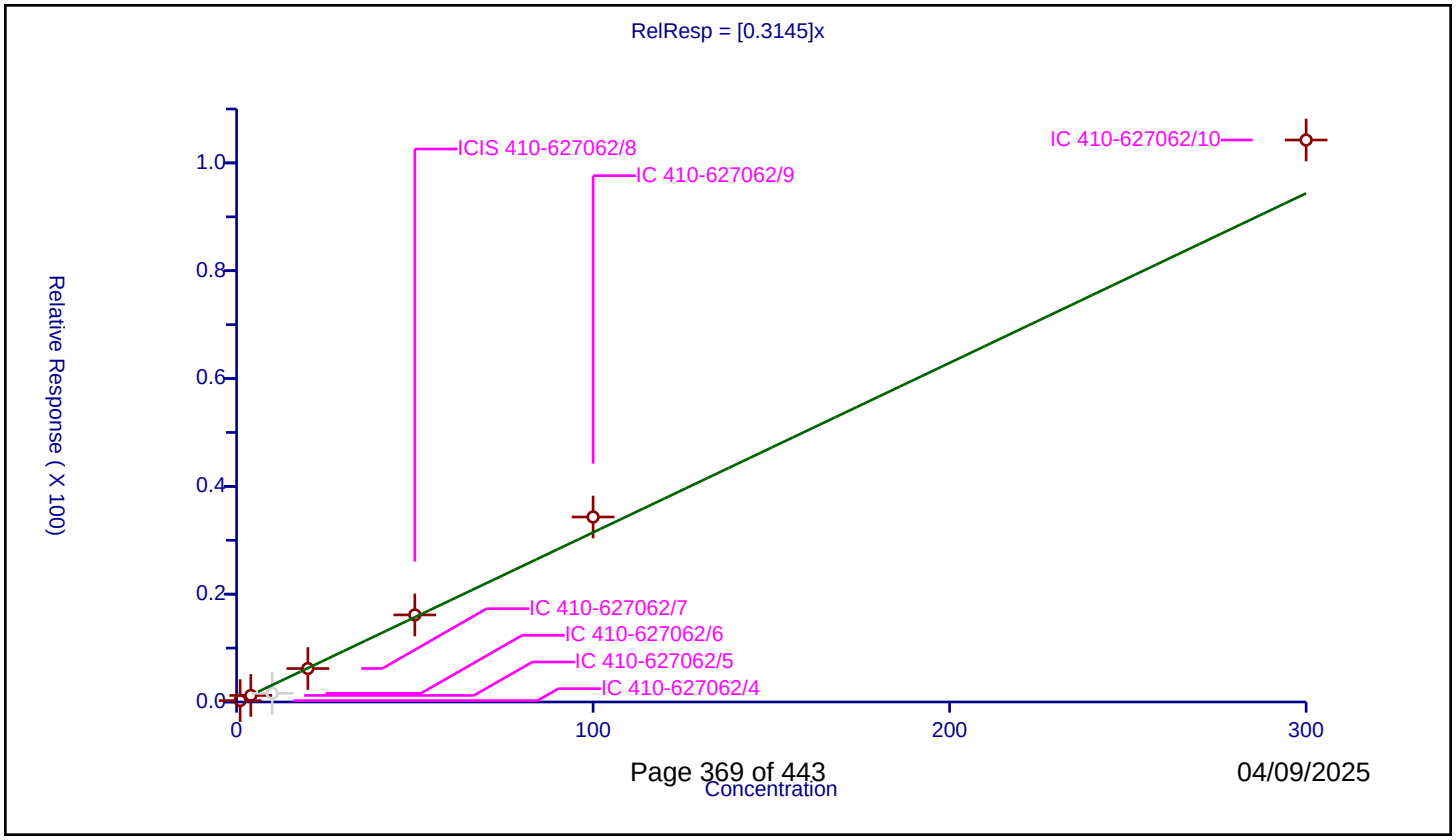
Curve Coefficients

Intercept:	0
Slope:	0.3145

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.260122	50.0	517834.0	0.260122	Y
2	IC 410-627062/5	4.0	1.212211	50.0	518268.0	0.303053	Y
3	IC 410-627062/6	10.0	1.603326	50.0	503547.0	0.160333	N
4	IC 410-627062/7	20.0	6.208077	50.0	515828.0	0.310404	Y
5	ICIS 410-627062/8	50.0	16.147471	50.0	519778.0	0.322949	Y
6	IC 410-627062/9	100.0	34.317093	50.0	524383.0	0.343171	Y
7	IC 410-627062/10	300.0	104.249576	50.0	555373.0	0.347499	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

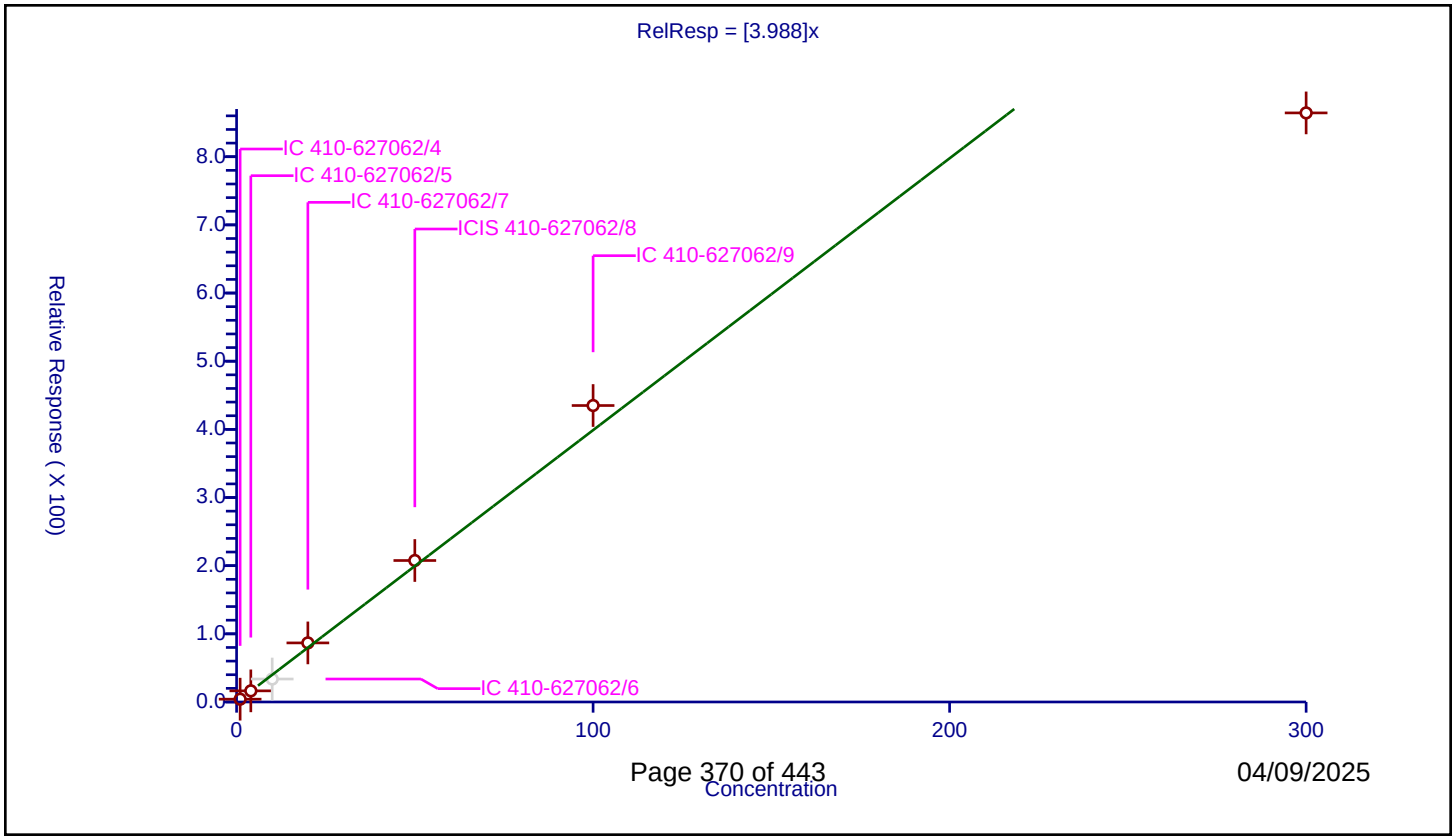
Curve Coefficients

Intercept:	0
Slope:	3.988

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	4.126709	50.0	517834.0	4.126709	Y
2	IC 410-627062/5	4.0	16.344247	50.0	518268.0	4.086062	Y
3	IC 410-627062/6	10.0	33.694174	50.0	503547.0	3.369417	N
4	IC 410-627062/7	20.0	86.693917	50.0	515828.0	4.334696	Y
5	ICIS 410-627062/8	50.0	207.578524	50.0	519778.0	4.15157	Y
6	IC 410-627062/9	100.0	434.968334	50.0	524383.0	4.349683	Y
7	IC 410-627062/10	300.0	864.30237	50.0	555373.0	2.881008	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

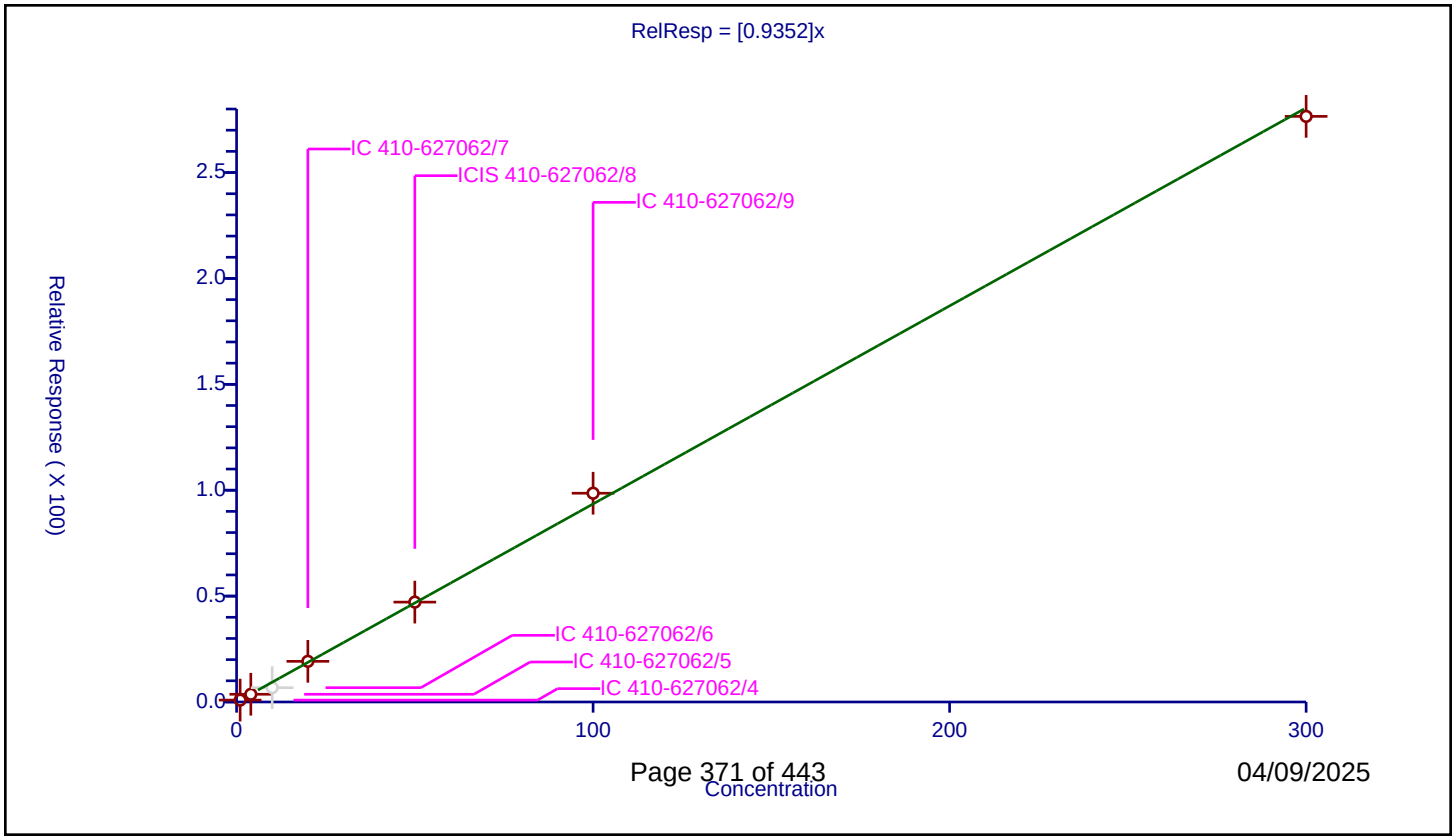
Curve Coefficients

Intercept:	0
Slope:	0.9352

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	0.887736	50.0	517834.0	0.887736	Y
2	IC 410-627062/5	4.0	3.650042	50.0	518268.0	0.912511	Y
3	IC 410-627062/6	10.0	6.749519	50.0	503547.0	0.674952	N
4	IC 410-627062/7	20.0	19.202525	50.0	515828.0	0.960126	Y
5	ICIS 410-627062/8	50.0	47.156863	50.0	519778.0	0.943137	Y
6	IC 410-627062/9	100.0	98.579569	50.0	524383.0	0.985796	Y
7	IC 410-627062/10	300.0	276.529107	50.0	555373.0	0.921764	Y



Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

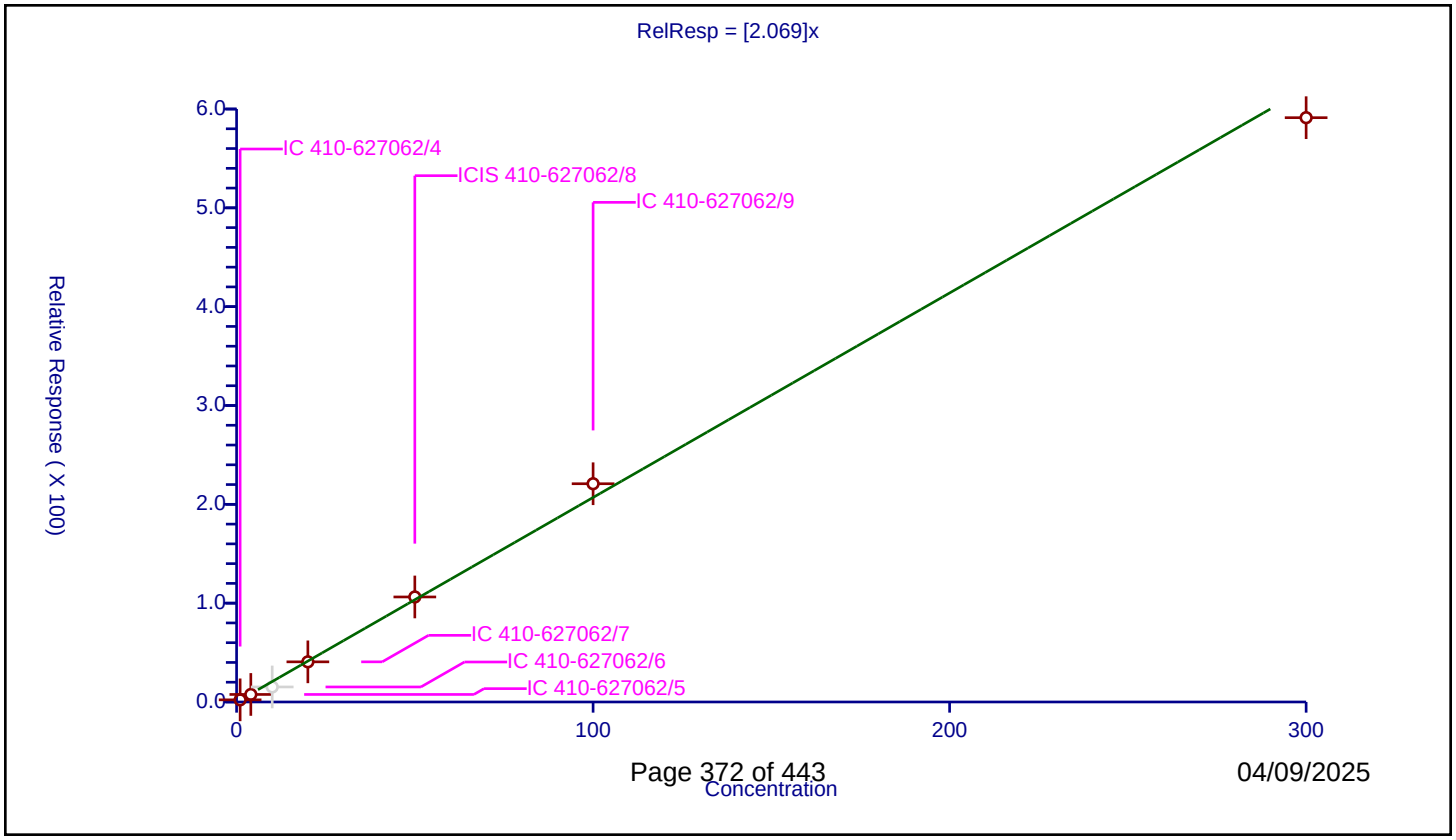
Curve Coefficients

Intercept:	0
Slope:	2.069

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-627062/4	1.0	2.17589	50.0	517834.0	2.17589	Y
2	IC 410-627062/5	4.0	7.617777	50.0	518268.0	1.904444	Y
3	IC 410-627062/6	10.0	15.208511	50.0	503547.0	1.520851	N
4	IC 410-627062/7	20.0	40.610339	50.0	515828.0	2.030517	Y
5	ICIS 410-627062/8	50.0	106.273448	50.0	519778.0	2.125469	Y
6	IC 410-627062/9	100.0	220.844593	50.0	524383.0	2.208446	Y
7	IC 410-627062/10	300.0	591.238321	50.0	555373.0	1.970794	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab Sample ID: ICV 410-627062/12 Calibration Date: 04/07/2025 17:58

Instrument ID: 15830 Calib Start Date: 04/07/2025 15:24

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 04/07/2025 17:19

Lab File ID: FA07X11.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	0.4132	0.4274	0.1000	20.7	20.0	3.5	30.0
Chloromethane	Ave	0.4654	0.4810	0.1000	20.7	20.0	3.4	30.0
Vinyl chloride	Ave	0.4048	0.4037	0.1000	19.9	20.0	-0.3	30.0
1,3-Butadiene	Ave	0.4742	0.4549		19.2	20.0	-4.1	30.0
Bromomethane	Ave	0.2865	0.2723	0.1000	19.0	20.0	-4.9	30.0
Chloroethane	Ave	0.2383	0.2288	0.1000	19.2	20.0	-4.0	30.0
n-Pentane	Ave	0.4155	0.4083		19.7	20.0	-1.7	30.0
Dichlorofluoromethane	Ave	0.6876	0.6592		19.2	20.0	-4.1	30.0
Trichlorofluoromethane	Ave	0.5234	0.5034	0.1000	19.2	20.0	-3.8	30.0
Freon 123a	Ave	0.3550	0.3452		19.5	20.0	-2.7	30.0
Acrolein	Ave	0.8119	0.9513		171	146	17.2	30.0
1,1-Dichloroethene	Ave	0.2469	0.2837	0.1000	23.0	20.0	14.9	30.0
Acetone	Ave	0.4581	0.4657	0.1000	254	250	1.7	30.0
Freon 113	Ave	0.2882	0.2795	0.1000	19.4	20.0	-3.0	30.0
Methyl iodide	Ave	0.5087	0.4894		19.2	20.0	-3.8	30.0
2-Propanol	Ave	0.3943	0.3263		124	150	-17.2	30.0
Carbon disulfide	Ave	0.8555	0.8683	0.1000	20.3	20.0	1.5	30.0
Allyl chloride	Ave	0.4391	0.4175		19.0	20.0	-4.9	30.0
Methyl acetate	Ave	0.3875	0.3879	0.1000	20.0	20.0	0.1	30.0
Methylene Chloride	Ave	0.3019	0.3149	0.1000	20.9	20.0	4.3	30.0
t-Butyl alcohol	Ave	0.9891	0.9411		190	200	-4.8	30.0
Acrylonitrile	Ave	0.2135	0.2071		97.0	100	-3.0	30.0
trans-1,2-Dichloroethene	Ave	0.2811	0.2981	0.1000	21.2	20.0	6.0	30.0
Methyl tert-butyl ether	Ave	0.9161	0.8898	0.1000	19.4	20.0	-2.9	30.0
n-Hexane	Ave	0.3236	0.3248		20.1	20.0	0.4	30.0
1,1-Dichloroethane	Ave	0.4894	0.5095	0.2000	20.8	20.0	4.1	30.0
2-Chloro-1,3-butadiene	Ave	0.4351	0.4085		18.8	20.0	-6.1	30.0
Isopropyl ether	Ave	0.8054	0.7684		19.1	20.0	-4.6	30.0
Ethyl t-butyl ether	Ave	0.8900	0.8563		19.2	20.0	-3.8	30.0
2-Butanone (MEK)	Ave	0.2633	0.2704	0.1000	257	250	2.7	30.0
cis-1,2-Dichloroethene	Ave	0.3244	0.3249	0.1000	20.0	20.0	0.1	30.0
2,2-Dichloropropane	Ave	0.4605	0.4556		19.8	20.0	-1.1	30.0
Propionitrile	Ave	0.7365	0.7204		147	150	-2.2	30.0
Methacrylonitrile	Ave	0.1768	0.1770		150	150	0.1	30.0
Tetrahydrofuran	Ave	0.6598	0.6502		98.5	100	-1.5	30.0
Bromochloromethane	Ave	0.1551	0.1556		20.1	20.0	0.3	30.0
Chloroform	Ave	0.4867	0.4909	0.2000	20.2	20.0	0.9	30.0
1,1,1-Trichloroethane	Ave	0.4434	0.4493	0.1000	20.3	20.0	1.3	30.0
Cyclohexane	Ave	0.5034	0.4774	0.1000	19.0	20.0	-5.2	30.0
1,1-Dichloropropene	Ave	0.3633	0.3557		19.6	20.0	-2.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab Sample ID: ICV 410-627062/12 Calibration Date: 04/07/2025 17:58

Instrument ID: 15830 Calib Start Date: 04/07/2025 15:24

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 04/07/2025 17:19

Lab File ID: FA07X11.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
Carbon tetrachloride	Ave	0.3551	0.3526	0.1000	19.9	20.0	-0.7	30.0
Isobutyl alcohol	Ave	0.2421	0.2193		453	500	-9.4	30.0
Benzene	Ave	1.042	1.035	0.5000	19.9	20.0	-0.6	30.0
1,2-Dichloroethane	Ave	0.3511	0.3457	0.1000	19.7	20.0	-1.5	30.0
t-Amyl methyl ether	Ave	0.8652	0.8187		18.9	20.0	-5.4	30.0
n-Heptane	Ave	0.2533	0.2412		19.0	20.0	-4.8	30.0
n-Butanol	Ave	0.2039	0.1937		950	1000	-5.0	30.0
Trichloroethene	Ave	0.2598	0.2545	0.2000	19.6	20.0	-2.0	30.0
Methylcyclohexane	Ave	0.4950	0.4645	0.1000	18.8	20.0	-6.2	30.0
1,2-Dichloropropane	Ave	0.2391	0.2360	0.1000	19.7	20.0	-1.3	30.0
t-Amyl ethyl ether	Ave	0.4370	0.4175		19.1	20.0	-4.4	30.0
1,4-Dioxane	Ave	0.0513	0.0509	0.0050	496	500	-0.8	30.0
Dibromomethane	Ave	0.1637	0.1593		19.5	20.0	-2.7	30.0
Methyl methacrylate	Ave	0.2171	0.2014		18.6	20.0	-7.2	30.0
Bromodichloromethane	Ave	0.2821	0.2729	0.2000	19.3	20.0	-3.3	30.0
2-Nitropropane	Lin1		0.6489		17.4	20.0	-13.0	30.0
2-Chloroethyl vinyl ether	Ave	0.1526	0.1558		20.4	20.0	2.1	30.0
cis-1,3-Dichloropropene	Ave	0.3287	0.3072	0.2000	18.7	20.0	-6.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4561	0.4594	0.1000	252	250	0.7	30.0
Toluene	Ave	0.8614	0.8552	0.4000	19.9	20.0	-0.7	30.0
trans-1,3-Dichloropropene	Ave	0.4285	0.4205	0.1000	19.6	20.0	-1.9	30.0
Ethyl methacrylate	Ave	0.5303	0.5055		19.1	20.0	-4.7	30.0
1,1,2-Trichloroethane	Ave	0.2859	0.2940	0.1000	20.6	20.0	2.8	30.0
Tetrachloroethene	Ave	0.3610	0.3636	0.2000	20.1	20.0	0.7	30.0
1,3-Dichloropropane	Ave	0.4780	0.4693		19.6	20.0	-1.8	30.0
2-Hexanone	Ave	0.4981	0.5150	0.1000	258	250	3.4	30.0
Dibromochloromethane	Ave	0.2843	0.2662		18.7	20.0	-6.4	30.0
1,2-Dibromoethane (EDB)	Ave	0.3139	0.3115	0.1000	19.8	20.0	-0.8	30.0
Chlorobenzene	Ave	0.9279	0.9177	0.5000	19.8	20.0	-1.1	30.0
1-Chlorohexane	Ave	0.4600	0.4502		19.6	20.0	-2.1	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3622	0.3670		20.3	20.0	1.3	30.0
Ethylbenzene	Ave	1.732	1.743	0.1000	20.1	20.0	0.7	30.0
m&p-Xylene	Ave	0.6767	0.6744	0.1000	39.9	40.0	-0.3	30.0
o-Xylene	Ave	0.7192	0.7308	0.3000	20.3	20.0	1.6	30.0
Styrene	Ave	1.054	1.080	0.3000	20.5	20.0	2.5	30.0
Bromoform	Ave	0.2008	0.2013	0.1000	20.1	20.0	0.3	30.0
Isopropylbenzene	Ave	1.719	1.990	0.1000	23.2	20.0	15.8	30.0
Bromobenzene	Ave	0.6589	0.6515		19.8	20.0	-1.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.9704	0.9428	0.3000	19.4	20.0	-2.8	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2905	0.2977		102	100	2.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab Sample ID: ICV 410-627062/12 Calibration Date: 04/07/2025 17:58

Instrument ID: 15830 Calib Start Date: 04/07/2025 15:24

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 04/07/2025 17:19

Lab File ID: FA07X11.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	0.3219	0.2992		18.6	20.0	-7.0	30.0
N-Propylbenzene	Ave	3.416	3.516		20.6	20.0	2.9	30.0
2-Chlorotoluene	Ave	0.7188	0.7095		19.7	20.0	-1.3	30.0
1,3,5-Trimethylbenzene	Ave	2.568	2.562		20.0	20.0	-0.2	30.0
4-Chlorotoluene	Ave	0.6793	0.6735		19.8	20.0	-0.8	30.0
tert-Butylbenzene	Ave	0.5173	0.5000		19.3	20.0	-3.4	30.0
1,2,4-Trimethylbenzene	Ave	2.586	2.581		20.0	20.0	-0.2	30.0
sec-Butylbenzene	Ave	3.057	3.104		20.3	20.0	1.5	30.0
1,3-Dichlorobenzene	Ave	1.290	1.284	0.6000	19.9	20.0	-0.5	30.0
p-Isopropyltoluene	Ave	2.679	2.674		20.0	20.0	-0.2	30.0
1,4-Dichlorobenzene	Ave	1.298	1.289	0.5000	19.9	20.0	-0.7	30.0
1,2,3-Trimethylbenzene	Ave	2.697	2.598		19.3	20.0	-3.7	30.0
Benzyl chloride	Ave	1.911	1.729		18.1	20.0	-9.5	30.0
1,3-Diethylbenzene	Ave	1.542	1.521		19.7	20.0	-1.3	30.0
1,4-Diethylbenzene	Ave	1.618	1.598		19.8	20.0	-1.2	30.0
n-Butylbenzene	Ave	1.282	1.281		20.0	20.0	-0.0	30.0
1,2-Dichlorobenzene	Ave	1.323	1.323	0.4000	20.0	20.0	-0.0	30.0
1,2-Diethylbenzene	Ave	1.309	1.240		19.0	20.0	-5.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3493	0.3275	0.0500	18.8	20.0	-6.2	30.0
1,3,5-Trichlorobenzene	Ave	0.9357	0.9166		19.6	20.0	-2.0	30.0
1,2,4-Trichlorobenzene	Ave	0.9374	0.9676	0.2000	20.6	20.0	3.2	30.0
Hexachlorobutadiene	Ave	0.3145	0.3865		24.6	20.0	22.9	30.0
Naphthalene	Ave	3.988	4.180		21.0	20.0	4.8	30.0
1,2,3-Trichlorobenzene	Ave	0.9352	0.997		21.3	20.0	6.6	30.0
2-Methylnaphthalene	Ave	2.069	2.807		27.1	20.0	35.6*	30.0
Dibromofluoromethane (Surr)	Ave	0.2813	0.2826		50.2	50.0	0.5	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0674	0.0679		50.3	50.0	0.7	30.0
Toluene-d8 (Surr)	Ave	1.329	1.337		50.3	50.0	0.7	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5375	0.5582		51.9	50.0	3.8	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 07-Apr-2025 17:58:16 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 410-0143206-012
Operator ID: knk41612 Instrument ID: 15830
Sublist:

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 09:23:58 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1625

First Level Reviewer: UKEK Date: 08-Apr-2025 08:37:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.998	1.011	-0.013	99	215082	20.0	20.7	
2 Chloromethane	50	1.117	1.117	0.000	99	242049	20.0	20.7	M
4 Vinyl chloride	62	1.172	1.175	-0.003	98	203122	20.0	19.9	
3 Butadiene	39	1.185	1.182	0.003	94	228902	20.0	19.2	
5 Bromomethane	94	1.355	1.358	-0.003	92	137017	20.0	19.0	
6 Chloroethane	64	1.362	1.371	-0.009	98	115133	20.0	19.2	
7 Pentane	43	1.513	1.519	-0.006	97	205452	20.0	19.7	
8 Dichlorofluoromethane	67	1.538	1.542	-0.004	97	331683	20.0	19.2	
9 Trichlorofluoromethane	101	1.558	1.558	0.000	98	253299	20.0	19.2	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.735	1.728	0.007	55	173722	20.0	19.5	
11 Acrolein	56	1.744	1.741	0.003	98	438276	146.4	171.5	
12 1,1-Dichloroethene	96	1.805	1.809	-0.004	98	142768	20.0	23.0	
13 Acetone	58	1.837	1.844	-0.007	100	366494	250.0	254.1	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.857	1.863	-0.006	89	140618	20.0	19.4	
15 Iodomethane	142	1.927	1.928	-0.001	99	246248	20.0	19.2	
16 Isopropyl alcohol	45	1.944	1.944	0.000	95	154068	150.0	124.1	M
17 Carbon disulfide	76	1.963	1.966	-0.003	99	436923	20.0	20.3	M
19 Methyl acetate	43	2.066	2.063	0.003	62	195180	20.0	20.0	M
18 3-Chloro-1-propene	41	2.063	2.066	-0.004	88	210067	20.0	19.0	
20 Methylene Chloride	84	2.181	2.175	0.006	93	158456	20.0	20.9	
* 21 t-Butyl alcohol-d10 (IS)	65	2.201	2.275	-0.074	79	786946	250.0	250.0	
22 2-Methyl-2-propanol	59	2.336	2.336	0.000	97	592498	200.0	190.3	
23 Acrylonitrile	53	2.349	2.352	-0.003	99	520962	100.0	97.0	
24 trans-1,2-Dichloroethene	96	2.374	2.374	0.000	99	150019	20.0	21.2	
25 Methyl tert-butyl ether	73	2.400	2.403	-0.003	91	447738	20.0	19.4	
26 Hexane	57	2.593	2.593	0.000	94	163438	20.0	20.1	
27 1,1-Dichloroethane	63	2.715	2.718	-0.003	96	256363	20.0	20.8	
28 Isopropyl ether	45	2.767	2.767	0.000	95	386652	20.0	19.1	
29 2-Chloro-1,3-butadiene	53	2.767	2.773	-0.006	92	205570	20.0	18.8	
30 Tert-butyl ethyl ether	59	3.056	3.053	0.003	97	430891	20.0	19.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.133	3.136	-0.003	100	1700832	250.0	256.7	
32 cis-1,2-Dichloroethene	96	3.169	3.169	0.000	82	163475	20.0	20.0	
33 2,2-Dichloropropane	77	3.178	3.191	-0.013	88	229257	20.0	19.8	
34 Propionitrile	54	3.226	3.220	0.006	98	340149	150.0	146.7	M
35 Methacrylonitrile	67	3.304	3.336	-0.032	94	667817	150.0	150.2	M
37 Tetrahydrofuran	71	3.329	3.336	-0.007	89	204670	100.0	98.5	
36 Chlorobromomethane	128	3.352	3.352	0.000	92	78308	20.0	20.1	
39 Chloroform	83	3.448	3.448	0.000	93	247005	20.0	20.2	
$ 40 Dibromofluoromethane (Surr)	113	3.570	3.571	-0.001	93	355556	50.0	50.2	
41 1,1,1-Trichloroethane	97	3.570	3.574	-0.004	90	226102	20.0	20.3	
42 Cyclohexane	56	3.625	3.625	0.000	89	240200	20.0	19.0	
43 1,1-Dichloropropene	75	3.689	3.690	-0.001	94	178974	20.0	19.6	
44 Carbon tetrachloride	117	3.693	3.696	-0.003	87	177403	20.0	19.9	
45 Isobutyl alcohol	41	3.808	3.808	0.000	94	345168	500.0	453.0	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.834	3.831	0.003	93	85395	50.0	50.3	
47 Benzene	78	3.844	3.847	-0.003	95	521054	20.0	19.9	
48 1,2-Dichloroethane	62	3.895	3.902	-0.007	97	173963	20.0	19.7	
49 Tert-amyl methyl ether	73	3.972	3.979	-0.007	98	411975	20.0	18.9	
* 50 Fluorobenzene (IS)	96	4.095	4.098	-0.003	99	1257985	50.0	50.0	
51 n-Heptane	43	4.098	4.104	-0.006	76	121394	20.0	19.0	
52 n-Butanol	56	4.355	4.355	0.000	89	609603	1000.0	950.0	
53 Trichloroethene	95	4.390	4.394	-0.004	98	128070	20.0	19.6	
54 Methylcyclohexane	83	4.577	4.583	-0.006	91	233750	20.0	18.8	
55 1,2-Dichloropropane	63	4.593	4.596	-0.003	96	118765	20.0	19.7	
56 2-ethoxy-2-methyl butane	87	4.625	4.625	0.000	94	210101	20.0	19.1	
57 1,4-Dioxane	88	4.654	4.657	-0.003	68	80109	500.0	495.9	M
58 Methyl methacrylate	69	4.670	4.670	0.000	91	101359	20.0	18.6	
59 Dibromomethane	93	4.670	4.673	-0.003	90	80178	20.0	19.5	
60 Dichlorobromomethane	83	4.828	4.831	-0.003	99	137323	20.0	19.3	
61 2-Nitropropane	41	5.008	5.011	-0.003	98	40855	20.0	17.4	
62 2-Chloroethyl vinyl ether	63	5.082	5.082	0.000	93	78400	20.0	20.4	
63 cis-1,3-Dichloropropene	75	5.194	5.197	-0.003	95	154596	20.0	18.7	
64 4-Methyl-2-pentanone (MIBK)	43	5.339	5.339	0.000	96	2889444	250.0	251.8	
$ 65 Toluene-d8 (Surr)	98	5.416	5.416	0.000	93	1114361	50.0	50.3	
66 Toluene	92	5.471	5.474	-0.003	98	285065	20.0	19.9	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	94	140158	20.0	19.6	
68 Ethyl methacrylate	69	5.744	5.741	0.003	88	168481	20.0	19.1	
69 1,1,2-Trichloroethane	97	5.821	5.824	-0.003	91	97985	20.0	20.6	
70 Tetrachloroethene	166	5.873	5.873	0.000	96	121199	20.0	20.1	
71 1,3-Dichloropropane	76	5.937	5.937	0.000	92	156437	20.0	19.6	
72 2-Hexanone	43	5.995	5.995	0.000	96	2145850	250.0	258.5	
73 Chlorodibromomethane	129	6.088	6.091	-0.003	91	88725	20.0	18.7	
75 Ethylene Dibromide	107	6.159	6.159	0.000	98	103829	20.0	19.8	
* 76 Chlorobenzene-d5 (IS)	117	6.480	6.480	0.000	85	833319	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	95	305897	20.0	19.8	
78 1-Chlorohexane	91	6.506	6.506	0.000	96	150054	20.0	19.6	
79 1,1,1,2-Tetrachloroethane	131	6.567	6.567	0.000	94	122318	20.0	20.3	
80 Ethylbenzene	91	6.570	6.570	0.000	98	580997	20.0	20.1	
81 m-Xylene & p-Xylene	106	6.657	6.657	0.000	100	449573	40.0	39.9	
82 o-Xylene	106	6.895	6.895	0.000	96	243589	20.0	20.3	
83 Styrene	104	6.908	6.908	0.000	95	360011	20.0	20.5	
84 Bromoform	173	7.008	7.008	0.000	95	67101	20.0	20.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.120	7.120	0.000	96	663430	20.0	23.2	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	465145	50.0	51.9	
87 Bromobenzene	156	7.291	7.291	0.000	94	136073	20.0	19.8	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	94	196897	20.0	19.4	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	91	310855	100.0	102.5	
90 1,2,3-Trichloropropane	110	7.329	7.332	-0.003	84	62487	20.0	18.6	
91 N-Propylbenzene	91	7.361	7.361	0.000	99	734256	20.0	20.6	
92 2-Chlorotoluene	126	7.406	7.406	0.000	97	148176	20.0	19.7	
93 1,3,5-Trimethylbenzene	105	7.464	7.464	0.000	95	535142	20.0	20.0	
94 4-Chlorotoluene	126	7.474	7.474	0.000	99	140656	20.0	19.8	
95 tert-Butylbenzene	134	7.638	7.638	0.000	93	104421	20.0	19.3	
96 1,2,4-Trimethylbenzene	105	7.670	7.670	0.000	98	538996	20.0	20.0	
97 sec-Butylbenzene	105	7.760	7.760	0.000	94	648176	20.0	20.3	
98 1,3-Dichlorobenzene	146	7.818	7.818	0.000	98	268240	20.0	19.9	
99 4-Isopropyltoluene	119	7.844	7.844	0.000	97	558491	20.0	20.0	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	94	522117	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	95	269158	20.0	19.9	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	98	542585	20.0	19.3	
103 Benzyl chloride	91	7.937	7.937	0.000	99	361144	20.0	18.1	
104 1,3-Diethylbenzene	119	7.995	7.995	0.000	94	317736	20.0	19.7	
105 p-Diethylbenzene	119	8.046	8.046	0.000	94	333841	20.0	19.8	
106 n-Butylbenzene	92	8.059	8.059	0.000	97	267512	20.0	20.0	
107 1,2-Dichlorobenzene	146	8.062	8.066	-0.004	97	276283	20.0	20.0	
108 o-diethylbenzene	119	8.098	8.098	0.000	95	259010	20.0	19.0	
109 1,2-Dibromo-3-Chloropropane	75	8.471	8.471	0.000	84	68406	20.0	18.8	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	191436	20.0	19.6	
111 1,2,4-Trichlorobenzene	180	8.882	8.882	0.000	95	202080	20.0	20.6	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	98	80729	20.0	24.6	
113 Naphthalene	128	9.014	9.014	0.000	97	872923	20.0	21.0	
114 1,2,3-Trichlorobenzene	180	9.123	9.123	0.000	95	208211	20.0	21.3	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	92	586146	20.0	27.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00215	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00223	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00221	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00245	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 08-Apr-2025 09:25:24 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D

Injection Date: 07-Apr-2025 17:58:16 Instrument ID: 15830 Operator ID: knk41612

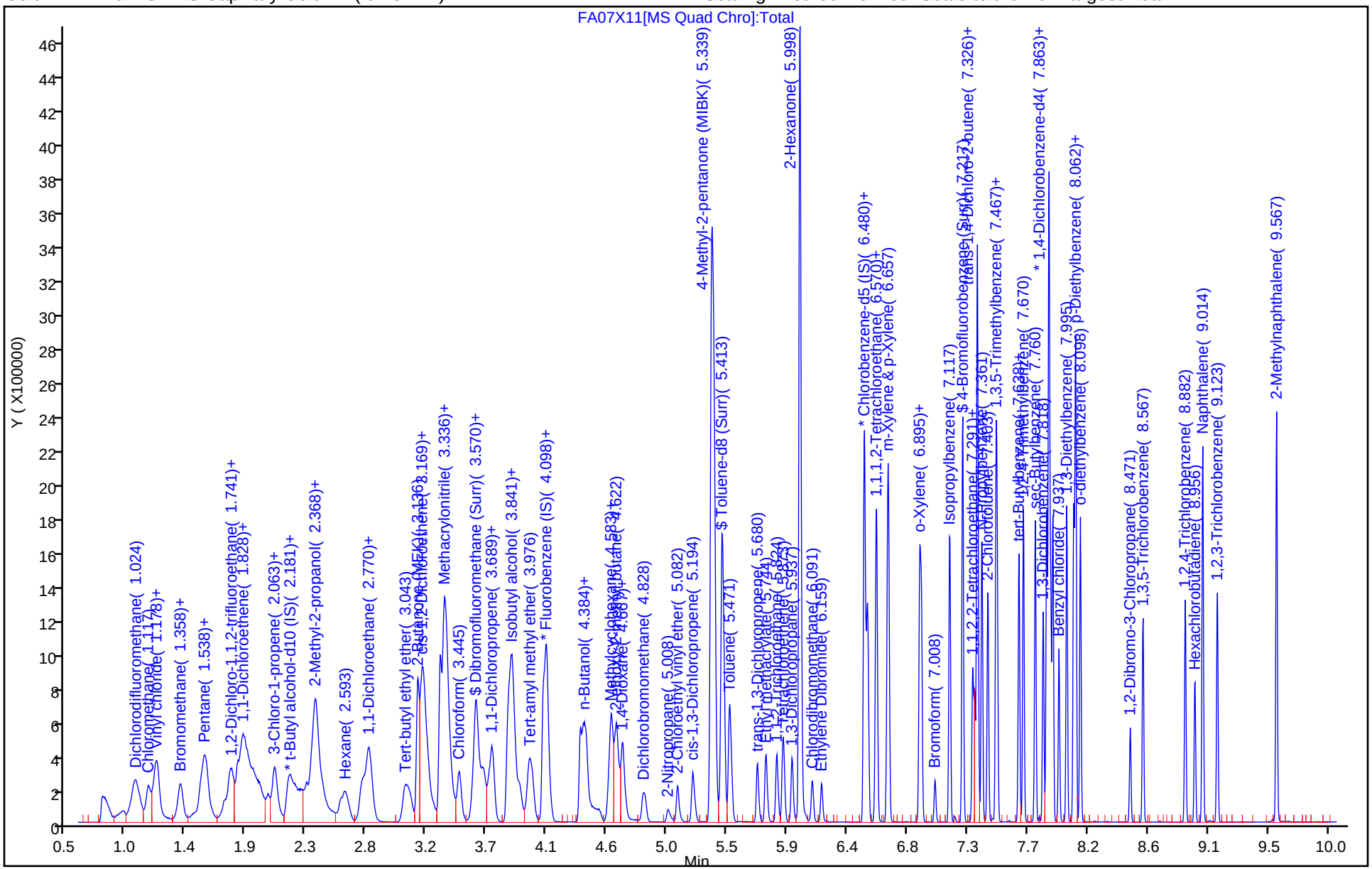
Lims ID: ICV Worklist Smp#: 12

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 61

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

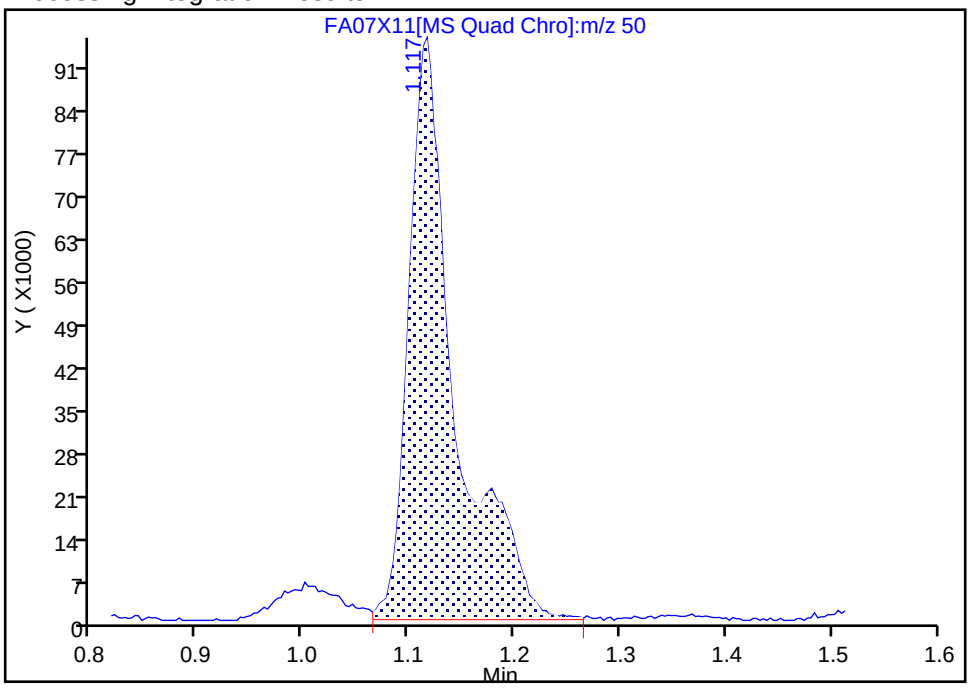
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D				
Injection Date:	07-Apr-2025 17:58:16	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

2 Chloromethane, CAS: 74-87-3

Signal: 1

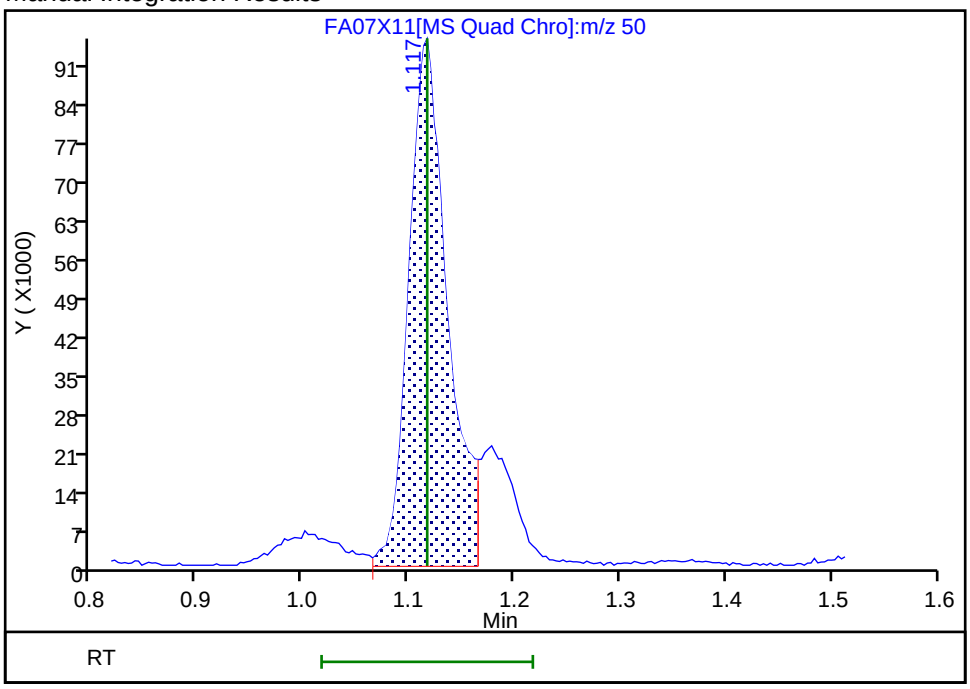
Processing Integration Results

RT: 1.12
Area: 290217
Amount: 23.551061
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 242049
Amount: 20.670346
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:24:51 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

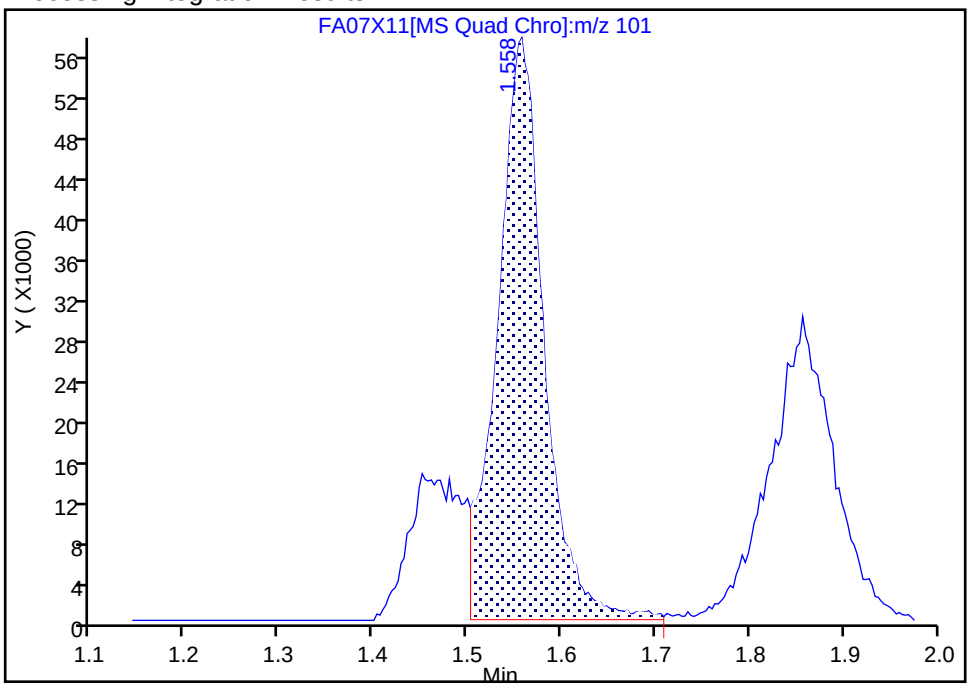
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D				
Injection Date:	07-Apr-2025 17:58:16	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

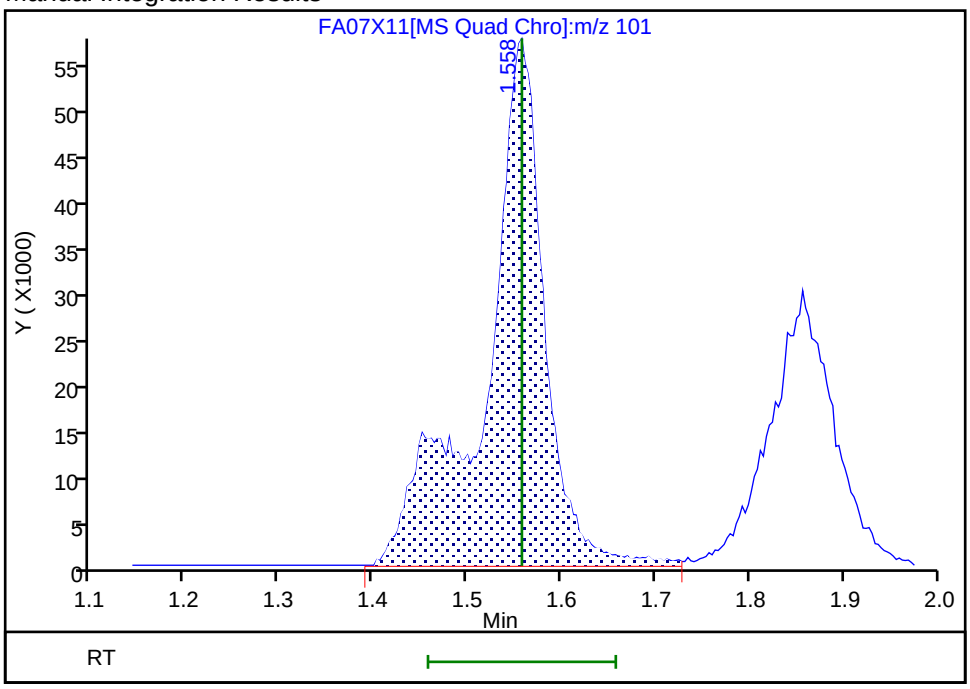
Processing Integration Results

RT: 1.56
Area: 197752
Amount: 14.359405
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 253299
Amount: 19.235901
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:25:27 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

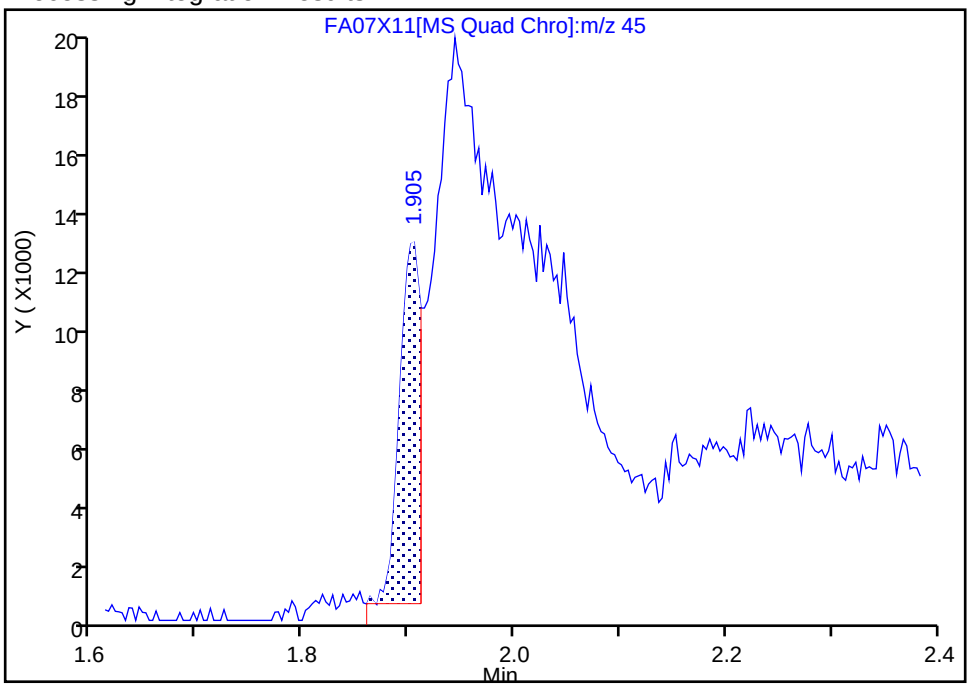
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D
Injection Date: 07-Apr-2025 17:58:16 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

16 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

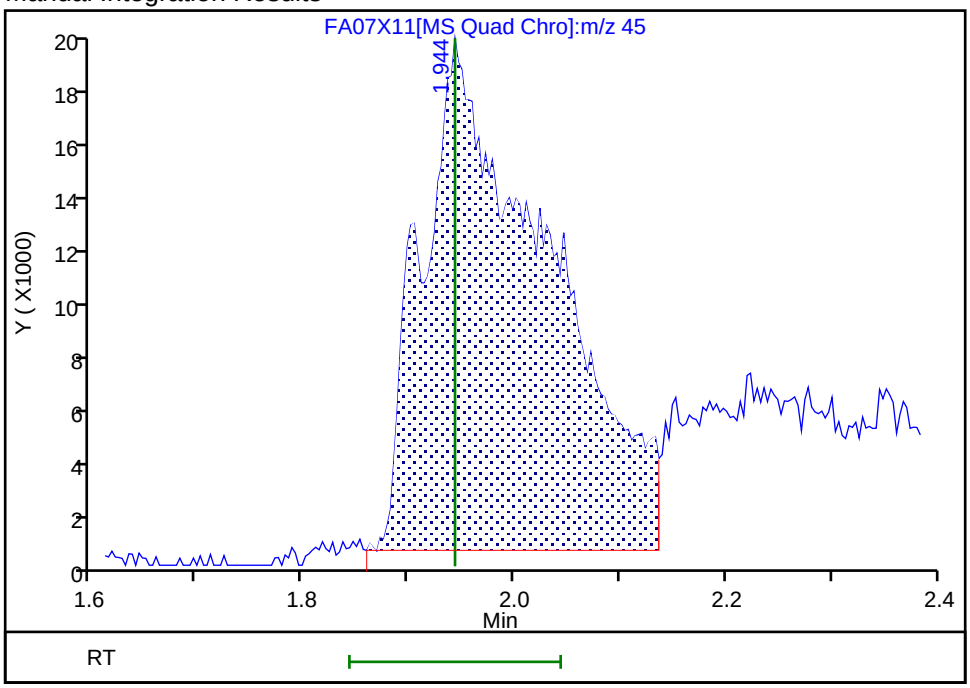
Processing Integration Results

RT: 1.90
Area: 16279
Amount: 13.490862
Amount Units: ug/l



Manual Integration Results

RT: 1.94
Area: 154068
Amount: 124.1302
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:25:42 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

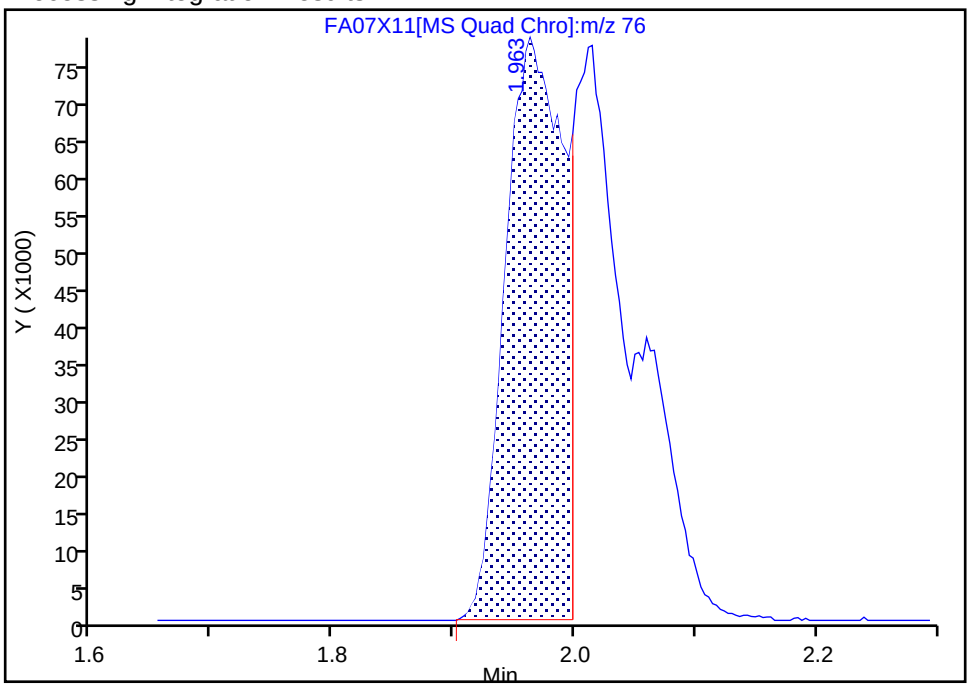
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D				
Injection Date:	07-Apr-2025 17:58:16	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

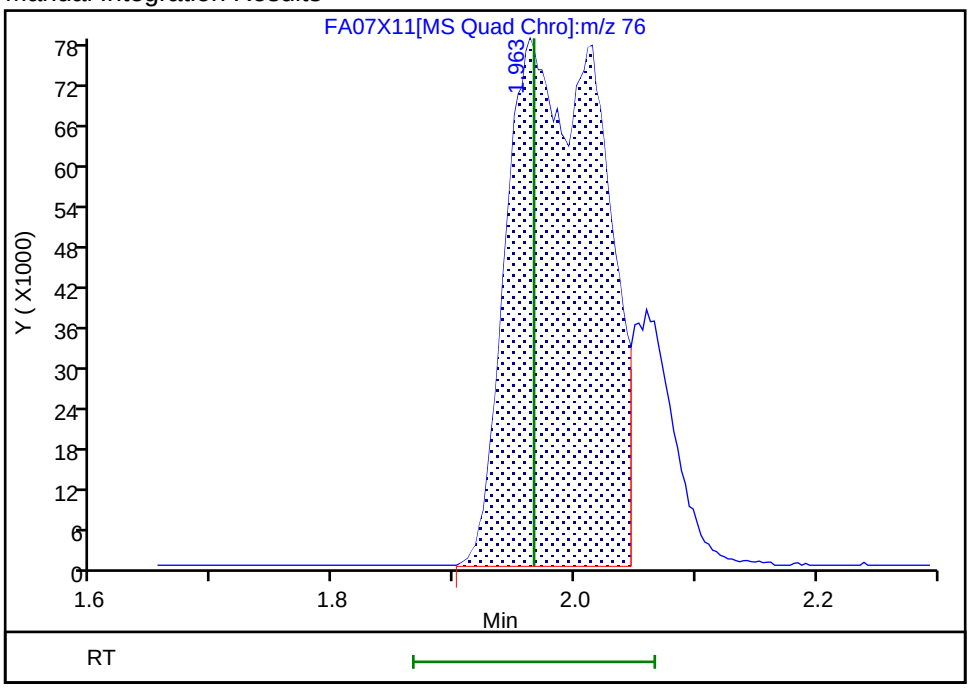
Processing Integration Results

RT: 1.96
Area: 267309
Amount: 12.687865
Amount Units: ug/l



Manual Integration Results

RT: 1.96
Area: 436923
Amount: 20.300263
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:26:23 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

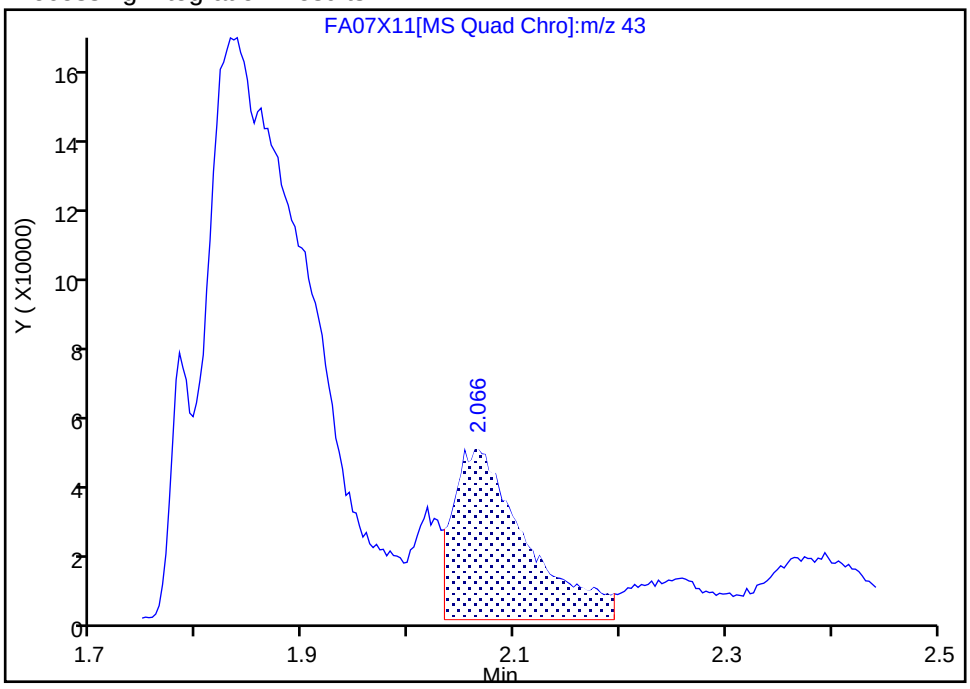
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D				
Injection Date:	07-Apr-2025 17:58:16	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

19 Methyl acetate, CAS: 79-20-9

Signal: 1

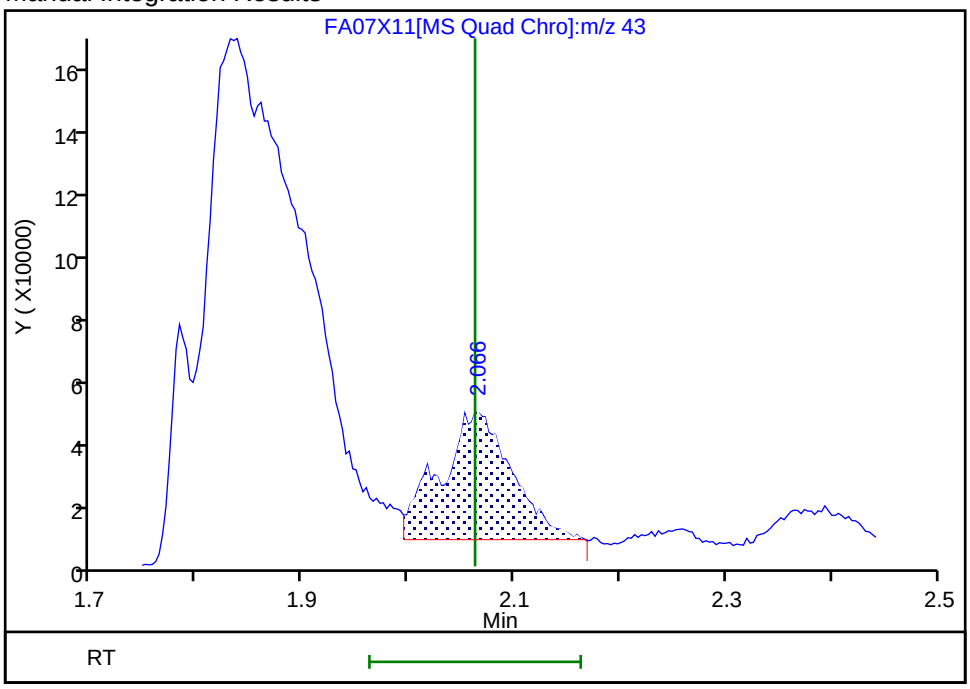
Processing Integration Results

RT: 2.07
Area: 237913
Amount: 24.779249
Amount Units: ug/l



Manual Integration Results

RT: 2.07
Area: 195180
Amount: 20.021893
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:26:39 -04:00:00 (UTC)

Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

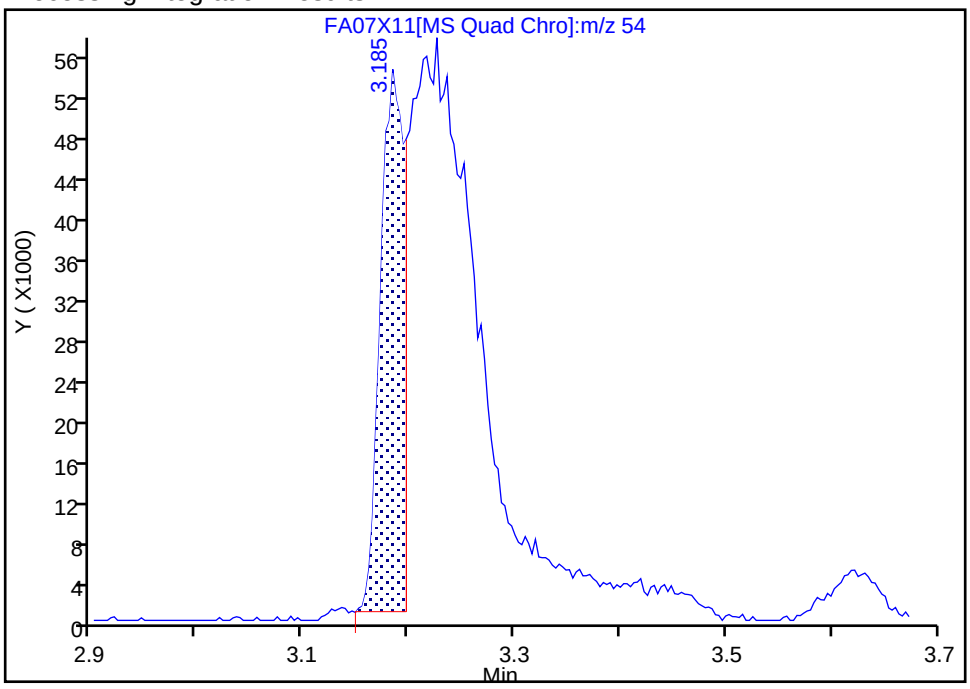
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D				
Injection Date:	07-Apr-2025 17:58:16	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

34 Propionitrile, CAS: 107-12-0

Signal: 1

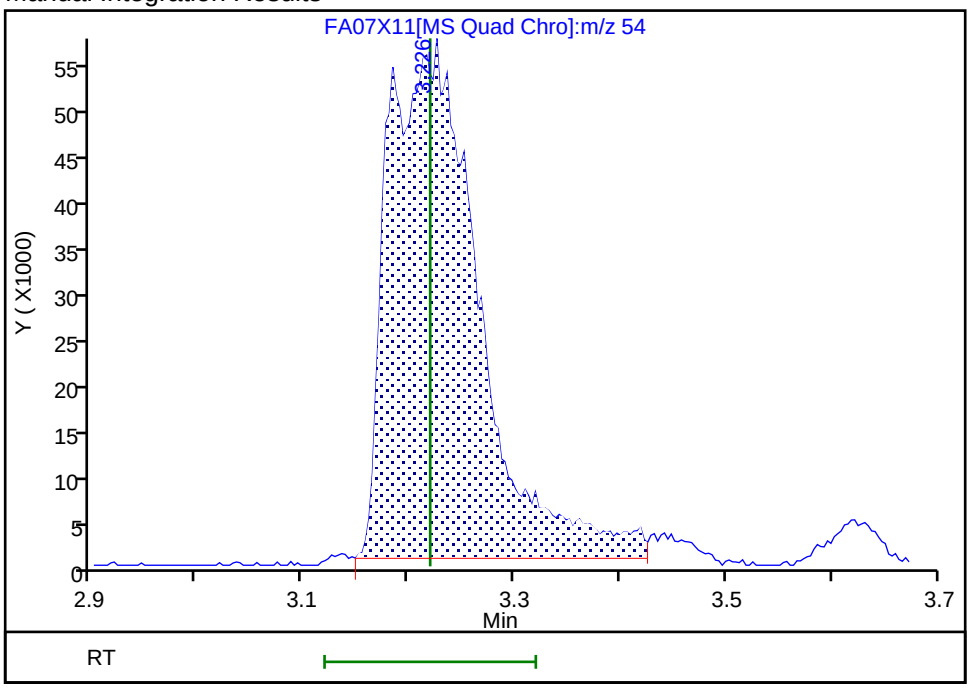
Processing Integration Results

RT: 3.18
Area: 85892
Amount: 38.089098
Amount Units: ug/l



Manual Integration Results

RT: 3.23
Area: 340149
Amount: 146.7268
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:27:01 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

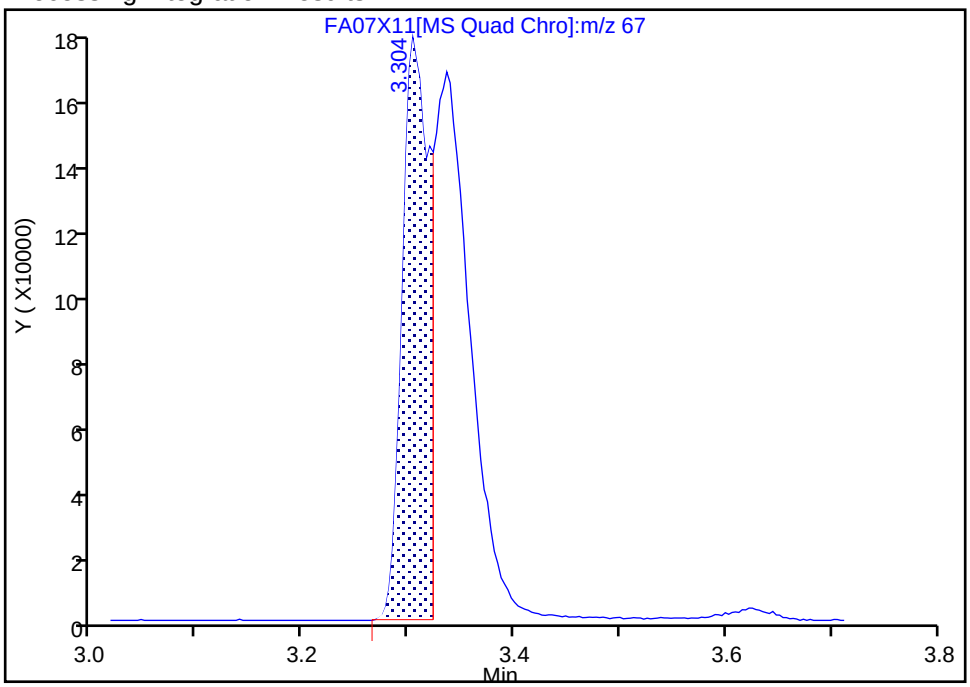
Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D				
Injection Date:	07-Apr-2025 17:58:16	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

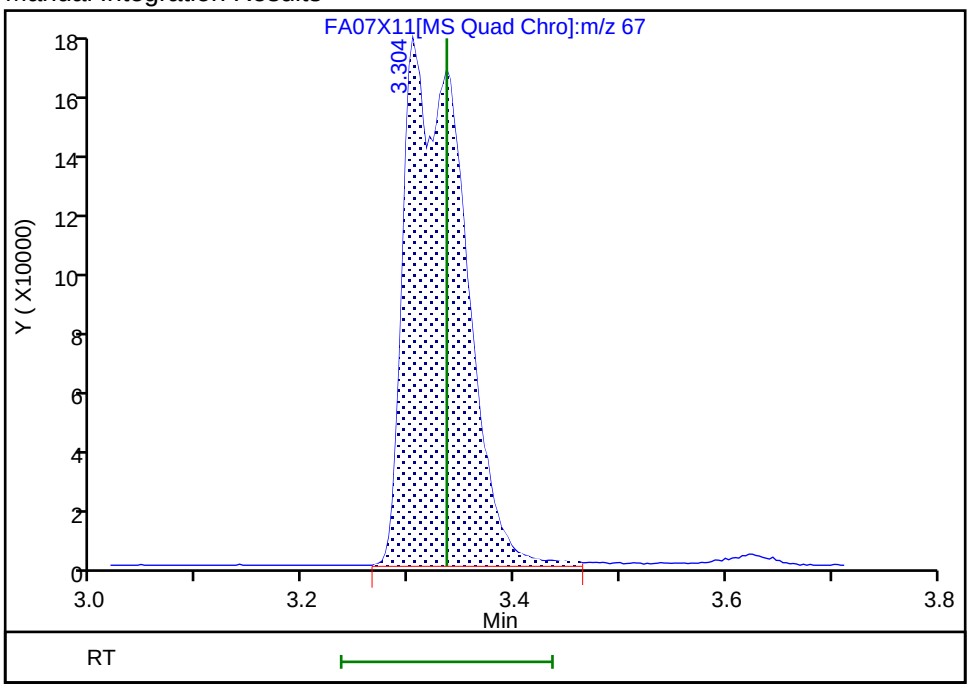
Processing Integration Results

RT: 3.30
Area: 307600
Amount: 70.453270
Amount Units: ug/l



Manual Integration Results

RT: 3.30
Area: 667817
Amount: 150.1712
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:27:15 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

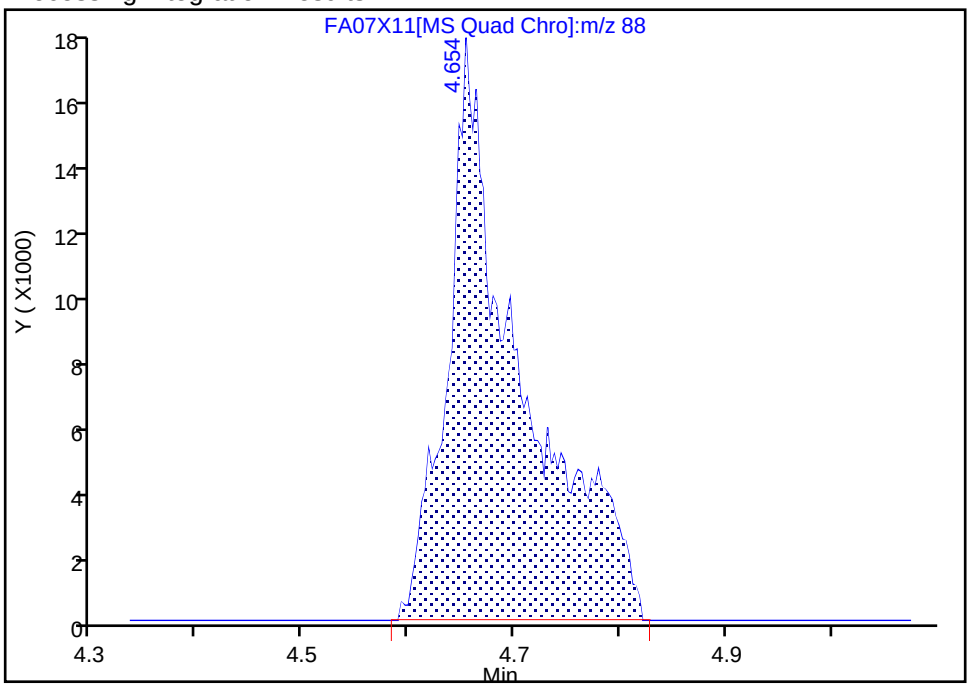
Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X11.D
Injection Date: 07-Apr-2025 17:58:16 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: knk41612 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

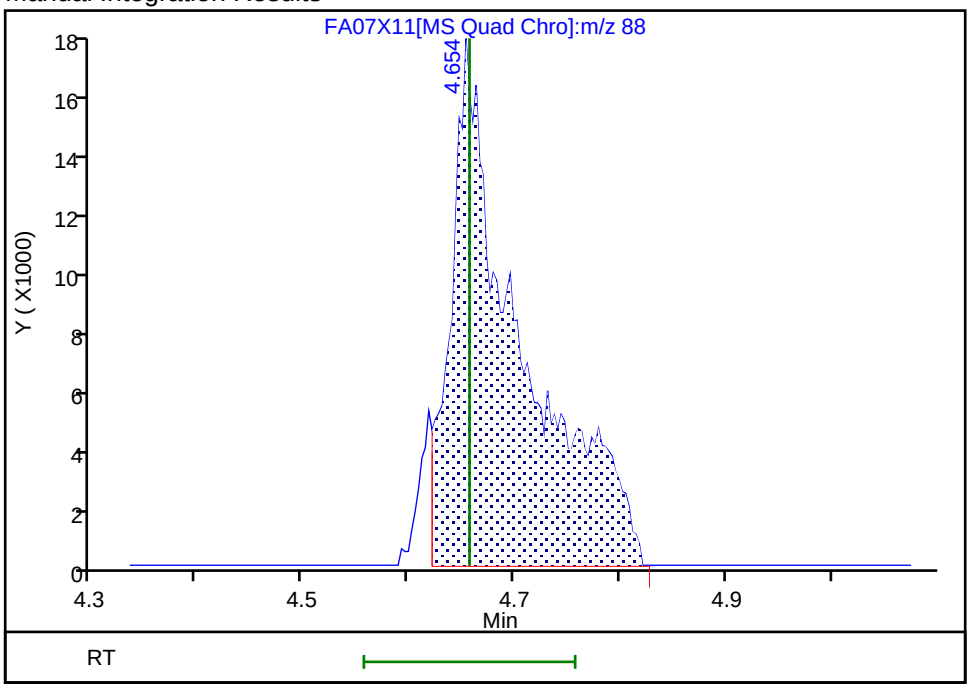
Processing Integration Results

RT: 4.65
Area: 83917
Amount: 518.9979
Amount Units: ug/l



Manual Integration Results

RT: 4.65
Area: 80109
Amount: 495.9267
Amount Units: ug/l



Reviewer: JS6E, 07-Apr-2025 18:27:35 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab Sample ID: CCVIS 410-627642/3 Calibration Date: 04/08/2025 10:38

Instrument ID: 15830 Calib Start Date: 04/07/2025 15:24

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 04/07/2025 17:19

Lab File ID: FA08X02.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	0.4132	0.4095	0.1000	49.6	50.0	-0.9	20.0
Chloromethane	Ave	0.4654	0.4633	0.1000	49.8	50.0	-0.5	20.0
Vinyl chloride	Ave	0.4048	0.3805	0.1000	47.0	50.0	-6.0	20.0
1,3-Butadiene	Ave	0.4742	0.4621		48.7	50.0	-2.5	20.0
Bromomethane	Ave	0.2865	0.2645	0.1000	46.2	50.0	-7.7	20.0
Chloroethane	Ave	0.2383	0.2138	0.1000	44.9	50.0	-10.3	20.0
n-Pentane	Ave	0.4155	0.3735		44.9	50.0	-10.1	20.0
Dichlorofluoromethane	Ave	0.6876	0.6364		46.3	50.0	-7.4	20.0
Trichlorofluoromethane	Ave	0.5234	0.4889	0.1000	46.7	50.0	-6.6	20.0
Freon 123a	Ave	0.3550	0.3147		44.3	50.0	-11.4	20.0
Acrolein	Ave	0.8119	0.9261		556	488	14.1	20.0
1,1-Dichloroethene	Ave	0.2469	0.2280	0.1000	46.2	50.0	-7.6	20.0
Acetone	Ave	0.4581	0.5280	0.1000	115	100	15.2	20.0
Freon 113	Ave	0.2882	0.2738	0.1000	47.5	50.0	-5.0	20.0
Methyl iodide	Ave	0.5087	0.4679		46.0	50.0	-8.0	20.0
2-Propanol	Ave	0.3943	0.4509		286	250	14.4	20.0
Carbon disulfide	Ave	0.8555	0.7906	0.1000	46.2	50.0	-7.6	20.0
Methyl acetate	Ave	0.3875	0.3786	0.1000	48.9	50.0	-2.3	20.0
Allyl chloride	Ave	0.4391	0.3632		41.4	50.0	-17.3	20.0
Methylene Chloride	Ave	0.3019	0.2640	0.1000	43.7	50.0	-12.6	20.0
t-Butyl alcohol	Ave	0.9891	0.9078		229	250	-8.2	20.0
Acrylonitrile	Ave	0.2135	0.1869		109	125	-12.5	20.0
trans-1,2-Dichloroethene	Ave	0.2811	0.2461	0.1000	43.8	50.0	-12.5	20.0
Methyl tert-butyl ether	Ave	0.9161	0.8170	0.1000	44.6	50.0	-10.8	20.0
n-Hexane	Ave	0.3236	0.3021		46.7	50.0	-6.7	20.0
1,1-Dichloroethane	Ave	0.4894	0.4264	0.2000	43.6	50.0	-12.9	20.0
Isopropyl ether	Ave	0.8054	0.7110		44.1	50.0	-11.7	20.0
2-Chloro-1,3-butadiene	Ave	0.4351	0.3784		43.5	50.0	-13.0	20.0
Ethyl t-butyl ether	Ave	0.8900	0.7972		44.8	50.0	-10.4	20.0
2-Butanone (MEK)	Ave	0.2633	0.3148	0.1000	120	100	19.6	20.0
cis-1,2-Dichloroethene	Ave	0.3244	0.2771	0.1000	42.7	50.0	-14.6	20.0
2,2-Dichloropropane	Ave	0.4605	0.4065		44.1	50.0	-11.7	20.0
Propionitrile	Ave	0.7365	0.6460		219	250	-12.3	20.0
Methacrylonitrile	Ave	0.1768	0.1616		114	125	-8.6	20.0
Bromochloromethane	Ave	0.1551	0.1340		43.2	50.0	-13.6	20.0
Tetrahydrofuran	Ave	0.6598	0.5904		224	250	-10.5	20.0
Chloroform	Ave	0.4867	0.4216	0.2000	43.3	50.0	-13.4	20.0
1,1,1-Trichloroethane	Ave	0.4434	0.3914	0.1000	44.1	50.0	-11.7	20.0
Cyclohexane	Ave	0.5034	0.4501	0.1000	44.7	50.0	-10.6	20.0
1,1-Dichloropropene	Ave	0.3633	0.3333		45.9	50.0	-8.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab Sample ID: CCVIS 410-627642/3 Calibration Date: 04/08/2025 10:38

Instrument ID: 15830 Calib Start Date: 04/07/2025 15:24

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 04/07/2025 17:19

Lab File ID: FA08X02.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
Carbon tetrachloride	Ave	0.3551	0.3056	0.1000	43.0	50.0	-13.9	20.0
Isobutyl alcohol	Ave	0.2421	0.2173		561	625	-10.2	20.0
Benzene	Ave	1.042	0.9465	0.5000	45.4	50.0	-9.2	20.0
1,2-Dichloroethane	Ave	0.3511	0.3146	0.1000	44.8	50.0	-10.4	20.0
t-Amyl methyl ether	Ave	0.8652	0.7617		44.0	50.0	-12.0	20.0
n-Heptane	Ave	0.2533	0.2280		45.0	50.0	-10.0	20.0
n-Butanol	Ave	0.2039	0.1894		581	625	-7.1	20.0
Trichloroethene	Ave	0.2598	0.2392	0.2000	46.0	50.0	-7.9	20.0
Methylcyclohexane	Ave	0.4950	0.4506	0.1000	45.5	50.0	-9.0	20.0
1,2-Dichloropropane	Ave	0.2391	0.2159	0.1000	45.1	50.0	-9.7	20.0
t-Amyl ethyl ether	Ave	0.4370	0.3813		43.6	50.0	-12.7	20.0
1,4-Dioxane	Ave	0.0513	0.0520	0.0050	634	625	1.4	20.0
Dibromomethane	Ave	0.1637	0.1504		45.9	50.0	-8.1	20.0
Methyl methacrylate	Ave	0.2171	0.1885		43.4	50.0	-13.2	20.0
Bromodichloromethane	Ave	0.2821	0.2535	0.2000	44.9	50.0	-10.1	20.0
2-Nitropropane	Lin1		0.6862		190	250	-24.1*	20.0
2-Chloroethyl vinyl ether	Ave	0.1526	0.1498		49.1	50.0	-1.8	20.0
cis-1,3-Dichloropropene	Ave	0.3287	0.2948	0.2000	44.8	50.0	-10.3	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4561	0.5838	0.1000	128	100	28.0*	20.0
Toluene	Ave	0.8614	0.7997	0.4000	46.4	50.0	-7.2	20.0
trans-1,3-Dichloropropene	Ave	0.4285	0.3851	0.1000	44.9	50.0	-10.1	20.0
Ethyl methacrylate	Ave	0.5303	0.4917		46.4	50.0	-7.3	20.0
1,1,2-Trichloroethane	Ave	0.2859	0.2685	0.1000	47.0	50.0	-6.1	20.0
Tetrachloroethene	Ave	0.3610	0.3350	0.2000	46.4	50.0	-7.2	20.0
1,3-Dichloropropane	Ave	0.4780	0.4373		45.7	50.0	-8.5	20.0
2-Hexanone	Ave	0.4981	0.6380	0.1000	128	100	28.1*	20.0
Dibromochloromethane	Ave	0.2843	0.2612		45.9	50.0	-8.1	20.0
1,2-Dibromoethane (EDB)	Ave	0.3139	0.2885	0.1000	46.0	50.0	-8.1	20.0
Chlorobenzene	Ave	0.9279	0.8415	0.5000	45.3	50.0	-9.3	20.0
1-Chlorohexane	Ave	0.4600	0.4264		46.3	50.0	-7.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3622	0.3465		47.8	50.0	-4.3	20.0
Ethylbenzene	Ave	1.732	1.657	0.1000	47.8	50.0	-4.3	20.0
m&p-Xylene	Ave	0.6767	0.6291	0.1000	93.0	100	-7.0	20.0
o-Xylene	Ave	0.7192	0.6926	0.3000	48.2	50.0	-3.7	20.0
Styrene	Ave	1.054	0.9796	0.3000	46.5	50.0	-7.0	20.0
Bromoform	Ave	0.2008	0.1837	0.1000	45.7	50.0	-8.5	20.0
Isopropylbenzene	Ave	1.719	1.655	0.1000	48.1	50.0	-3.7	20.0
Bromobenzene	Ave	0.6589	0.6099		46.3	50.0	-7.4	20.0
1,1,2,2-Tetrachloroethane	Ave	0.9704	0.9513	0.3000	49.0	50.0	-2.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2905	0.2199		94.6	125	-24.3*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Lab Sample ID: CCVIS 410-627642/3 Calibration Date: 04/08/2025 10:38

Instrument ID: 15830 Calib Start Date: 04/07/2025 15:24

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 04/07/2025 17:19

Lab File ID: FA08X02.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	0.3219	0.3046		47.3	50.0	-5.4	20.0
N-Propylbenzene	Ave	3.416	3.376		49.4	50.0	-1.2	20.0
2-Chlorotoluene	Ave	0.7188	0.6804		47.3	50.0	-5.3	20.0
1,3,5-Trimethylbenzene	Ave	2.568	2.526		49.2	50.0	-1.6	20.0
4-Chlorotoluene	Ave	0.6793	0.6393		47.1	50.0	-5.9	20.0
tert-Butylbenzene	Ave	0.5173	0.5046		48.8	50.0	-2.5	20.0
1,2,4-Trimethylbenzene	Ave	2.586	2.507		48.5	50.0	-3.1	20.0
sec-Butylbenzene	Ave	3.057	3.086		50.5	50.0	0.9	20.0
1,3-Dichlorobenzene	Ave	1.290	1.208	0.6000	46.8	50.0	-6.4	20.0
p-Isopropyltoluene	Ave	2.679	2.680		50.0	50.0	0.0	20.0
1,4-Dichlorobenzene	Ave	1.298	1.214	0.5000	46.8	50.0	-6.4	20.0
1,2,3-Trimethylbenzene	Ave	2.697	2.623		48.6	50.0	-2.7	20.0
Benzyl chloride	Ave	1.911	1.805		47.2	50.0	-5.5	20.0
1,3-Diethylbenzene	Ave	1.542	1.485		48.1	50.0	-3.7	20.0
1,4-Diethylbenzene	Ave	1.618	1.553		48.0	50.0	-4.0	20.0
n-Butylbenzene	Ave	1.282	1.226		47.8	50.0	-4.3	20.0
1,2-Dichlorobenzene	Ave	1.323	1.241	0.4000	46.9	50.0	-6.2	20.0
1,2-Diethylbenzene	Ave	1.309	1.247		47.6	50.0	-4.7	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3493	0.3478	0.0500	49.8	50.0	-0.4	20.0
1,3,5-Trichlorobenzene	Ave	0.9357	0.8892		47.5	50.0	-5.0	20.0
1,2,4-Trichlorobenzene	Ave	0.9374	0.8764	0.2000	46.7	50.0	-6.5	20.0
Hexachlorobutadiene	Ave	0.3145	0.2916		46.4	50.0	-7.3	20.0
Naphthalene	Ave	3.988	4.034		50.6	50.0	1.1	20.0
1,2,3-Trichlorobenzene	Ave	0.9352	0.8921		47.7	50.0	-4.6	20.0
2-Methylnaphthalene	Ave	2.069	2.001		48.3	50.0	-3.3	20.0
Dibromofluoromethane (Surr)	Ave	0.2813	0.2713		48.2	50.0	-3.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0674	0.0670		49.7	50.0	-0.6	20.0
Toluene-d8 (Surr)	Ave	1.329	1.367		51.4	50.0	2.9	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5375	0.5378		50.0	50.0	0.0	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Apr-2025 10:38:33 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0143360-003
Operator ID: knk41612 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 11:53:14 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 11:08:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.011	0.000	99	534178	50.0	49.6	
2 Chloromethane	50	1.120	1.120	0.000	99	604282	50.0	49.8	M
4 Vinyl chloride	62	1.181	1.181	0.000	98	496317	50.0	47.0	
3 Butadiene	39	1.185	1.185	0.000	92	602807	50.0	48.7	
5 Bromomethane	94	1.362	1.362	0.000	91	345043	50.0	46.2	
6 Chloroethane	64	1.368	1.368	0.000	100	278896	50.0	44.9	
7 Pentane	43	1.519	1.519	0.000	96	487162	50.0	44.9	
8 Dichlorofluoromethane	67	1.545	1.545	0.000	97	830152	50.0	46.3	
9 Trichlorofluoromethane	101	1.561	1.561	0.000	98	637738	50.0	46.7	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.734	1.734	0.000	91	410448	50.0	44.3	
11 Acrolein	56	1.747	1.747	0.000	100	1528878	487.9	556.5	
12 1,1-Dichloroethene	96	1.808	1.808	0.000	98	297428	50.0	46.2	
13 Acetone	58	1.847	1.847	0.000	100	178645	100.0	115.2	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.866	1.866	0.000	92	357107	50.0	47.5	
15 Iodomethane	142	1.927	1.927	0.000	99	610275	50.0	46.0	
16 Isopropyl alcohol	45	1.953	1.953	0.000	67	381435	250.0	285.9	
17 Carbon disulfide	76	1.972	1.972	0.000	99	1031300	50.0	46.2	M
18 3-Chloro-1-propene	41	2.069	2.069	0.000	87	473800	50.0	41.4	
19 Methyl acetate	43	2.066	2.066	0.000	92	493856	50.0	48.9	
20 Methylene Chloride	84	2.181	2.181	0.000	91	344360	50.0	43.7	
* 21 t-Butyl alcohol-d10 (IS)	65	2.268	2.268	0.000	87	845936	250.0	250.0	
22 2-Methyl-2-propanol	59	2.352	2.352	0.000	60	767948	250.0	229.5	
23 Acrylonitrile	53	2.361	2.361	0.000	100	609325	125.0	109.4	
24 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	99	320964	50.0	43.8	
25 Methyl tert-butyl ether	73	2.397	2.397	0.000	94	1065741	50.0	44.6	
26 Hexane	57	2.596	2.596	0.000	93	394000	50.0	46.7	
27 1,1-Dichloroethane	63	2.718	2.718	0.000	96	556218	50.0	43.6	
28 Isopropyl ether	45	2.767	2.767	0.000	93	927431	50.0	44.1	
29 2-Chloro-1,3-butadiene	53	2.776	2.776	0.000	92	493611	50.0	43.5	
30 Tert-butyl ethyl ether	59	3.053	3.053	0.000	97	1039872	50.0	44.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 2-Butanone (MEK)	43	3.140	3.140	0.000	99	821322	100.0	119.6	
32 cis-1,2-Dichloroethene	96	3.172	3.172	0.000	82	361468	50.0	42.7	
33 2,2-Dichloropropane	77	3.197	3.197	0.000	88	530230	50.0	44.1	
34 Propionitrile	54	3.223	3.223	0.000	95	546456	250.0	219.3	
35 Methacrylonitrile	67	3.336	3.336	0.000	94	526951	125.0	114.3	M
36 Chlorobromomethane	128	3.358	3.358	0.000	93	174843	50.0	43.2	
37 Tetrahydrofuran	71	3.368	3.368	0.000	79	499458	250.0	223.7	M
39 Chloroform	83	3.451	3.451	0.000	93	549903	50.0	43.3	
$ 40 Dibromofluoromethane (Surr)	113	3.574	3.574	0.000	93	353887	50.0	48.2	
41 1,1,1-Trichloroethane	97	3.580	3.580	0.000	98	510573	50.0	44.1	
42 Cyclohexane	56	3.632	3.632	0.000	91	587046	50.0	44.7	
44 Carbon tetrachloride	117	3.699	3.699	0.000	94	398622	50.0	43.0	
43 1,1-Dichloropropene	75	3.699	3.699	0.000	96	434726	50.0	45.9	
45 Isobutyl alcohol	41	3.812	3.812	0.000	93	459573	625.0	561.1	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.837	3.837	0.000	97	87403	50.0	49.7	
47 Benzene	78	3.853	3.853	0.000	96	1234666	50.0	45.4	
48 1,2-Dichloroethane	62	3.902	3.902	0.000	98	410384	50.0	44.8	
49 Tert-amyl methyl ether	73	3.982	3.982	0.000	98	993529	50.0	44.0	
* 50 Fluorobenzene (IS)	96	4.104	4.104	0.000	99	1304392	50.0	50.0	
51 n-Heptane	43	4.123	4.123	0.000	89	297389	50.0	45.0	
52 n-Butanol	56	4.358	4.358	0.000	89	400482	625.0	580.6	
53 Trichloroethene	95	4.400	4.400	0.000	99	312024	50.0	46.0	
54 Methylcyclohexane	83	4.583	4.583	0.000	90	587806	50.0	45.5	
55 1,2-Dichloropropane	63	4.603	4.603	0.000	96	281639	50.0	45.1	
56 2-ethoxy-2-methyl butane	87	4.631	4.631	0.000	94	497335	50.0	43.6	
57 1,4-Dioxane	88	4.657	4.657	0.000	84	110014	625.0	633.6	M
58 Methyl methacrylate	69	4.676	4.676	0.000	88	245855	50.0	43.4	
59 Dibromomethane	93	4.676	4.676	0.000	93	196160	50.0	45.9	
60 Dichlorobromomethane	83	4.840	4.840	0.000	99	330681	50.0	44.9	
61 2-Nitropropane	41	5.017	5.017	0.000	99	580445	250.0	189.7	
62 2-Chloroethyl vinyl ether	63	5.085	5.085	0.000	92	195430	50.0	49.1	
63 cis-1,3-Dichloropropene	75	5.201	5.201	0.000	95	384479	50.0	44.8	
64 4-Methyl-2-pentanone (MIBK)	43	5.352	5.352	0.000	97	1522936	100.0	128.0	
$ 65 Toluene-d8 (Surr)	98	5.422	5.422	0.000	93	1137754	50.0	51.4	
66 Toluene	92	5.480	5.480	0.000	98	665599	50.0	46.4	
67 trans-1,3-Dichloropropene	75	5.683	5.683	0.000	94	320563	50.0	44.9	
68 Ethyl methacrylate	69	5.747	5.747	0.000	89	409252	50.0	46.4	
69 1,1,2-Trichloroethane	97	5.831	5.831	0.000	91	223479	50.0	47.0	
70 Tetrachloroethene	166	5.879	5.879	0.000	96	278844	50.0	46.4	
71 1,3-Dichloropropane	76	5.943	5.943	0.000	91	363952	50.0	45.7	
72 2-Hexanone	43	6.001	6.001	0.000	96	1061952	100.0	128.1	
73 Chlorodibromomethane	129	6.094	6.094	0.000	90	217390	50.0	45.9	
75 Ethylene Dibromide	107	6.162	6.162	0.000	99	240121	50.0	46.0	
* 76 Chlorobenzene-d5 (IS)	117	6.483	6.483	0.000	85	832312	50.0	50.0	
77 Chlorobenzene	112	6.503	6.503	0.000	94	700416	50.0	45.3	
78 1-Chlorohexane	91	6.512	6.512	0.000	96	354866	50.0	46.3	
79 1,1,1,2-Tetrachloroethane	131	6.570	6.570	0.000	95	288357	50.0	47.8	
80 Ethylbenzene	91	6.577	6.577	0.000	98	1378755	50.0	47.8	
81 m-Xylene & p-Xylene	106	6.664	6.664	0.000	99	1047220	100.0	93.0	
82 o-Xylene	106	6.898	6.898	0.000	96	576419	50.0	48.2	
83 Styrene	104	6.911	6.911	0.000	95	815350	50.0	46.5	
84 Bromoform	173	7.014	7.014	0.000	96	152898	50.0	45.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.123	7.123	0.000	96	1377081	50.0	48.1	
$ 86 4-Bromofluorobenzene (Surr)	95	7.220	7.220	0.000	87	447594	50.0	50.0	
87 Bromobenzene	156	7.294	7.294	0.000	94	302656	50.0	46.3	
88 1,1,2,2-Tetrachloroethane	83	7.310	7.310	0.000	94	472066	50.0	49.0	
89 trans-1,4-Dichloro-2-butene	53	7.329	7.329	0.000	84	272790	125.0	94.6	
90 1,2,3-Trichloropropane	110	7.332	7.332	0.000	83	151133	50.0	47.3	
91 N-Propylbenzene	91	7.364	7.364	0.000	99	1675385	50.0	49.4	
92 2-Chlorotoluene	126	7.410	7.410	0.000	97	337658	50.0	47.3	
93 1,3,5-Trimethylbenzene	105	7.467	7.467	0.000	95	1253564	50.0	49.2	
94 4-Chlorotoluene	126	7.477	7.477	0.000	99	317237	50.0	47.1	
95 tert-Butylbenzene	134	7.641	7.641	0.000	93	250388	50.0	48.8	
96 1,2,4-Trimethylbenzene	105	7.673	7.673	0.000	97	1244162	50.0	48.5	
97 sec-Butylbenzene	105	7.763	7.763	0.000	94	1531604	50.0	50.5	
98 1,3-Dichlorobenzene	146	7.821	7.821	0.000	97	599464	50.0	46.8	
99 4-Isopropyltoluene	119	7.847	7.847	0.000	97	1330139	50.0	50.0	
* 100 1,4-Dichlorobenzene-d4	152	7.866	7.866	0.000	95	496233	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.879	7.879	0.000	95	602648	50.0	46.8	
102 1,2,3-Trimethylbenzene	105	7.895	7.895	0.000	98	1301805	50.0	48.6	
103 Benzyl chloride	91	7.940	7.940	0.000	99	895534	50.0	47.2	
104 1,3-Diethylbenzene	119	7.998	7.998	0.000	95	736730	50.0	48.1	
105 p-Diethylbenzene	119	8.049	8.049	0.000	95	770437	50.0	48.0	
106 n-Butylbenzene	92	8.062	8.062	0.000	98	608291	50.0	47.8	
107 1,2-Dichlorobenzene	146	8.065	8.065	0.000	98	615708	50.0	46.9	
108 o-diethylbenzene	119	8.101	8.101	0.000	95	618567	50.0	47.6	
109 1,2-Dibromo-3-Chloropropane	75	8.474	8.474	0.000	85	172571	50.0	49.8	
110 1,3,5-Trichlorobenzene	180	8.570	8.570	0.000	97	441253	50.0	47.5	
111 1,2,4-Trichlorobenzene	180	8.885	8.885	0.000	94	434922	50.0	46.7	
112 Hexachlorobutadiene	225	8.959	8.959	0.000	98	144697	50.0	46.4	
113 Naphthalene	128	9.014	9.014	0.000	97	2001769	50.0	50.6	
114 1,2,3-Trichlorobenzene	180	9.126	9.126	0.000	96	442710	50.0	47.7	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	93	992935	50.0	48.3	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_GASES_00977	Amount Added:	2.50	Units: uL	
MSV_CCV_VOC#1_00230	Amount Added:	5.00	Units: uL	
MSV_CCV_2CEVE_00222	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00231	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

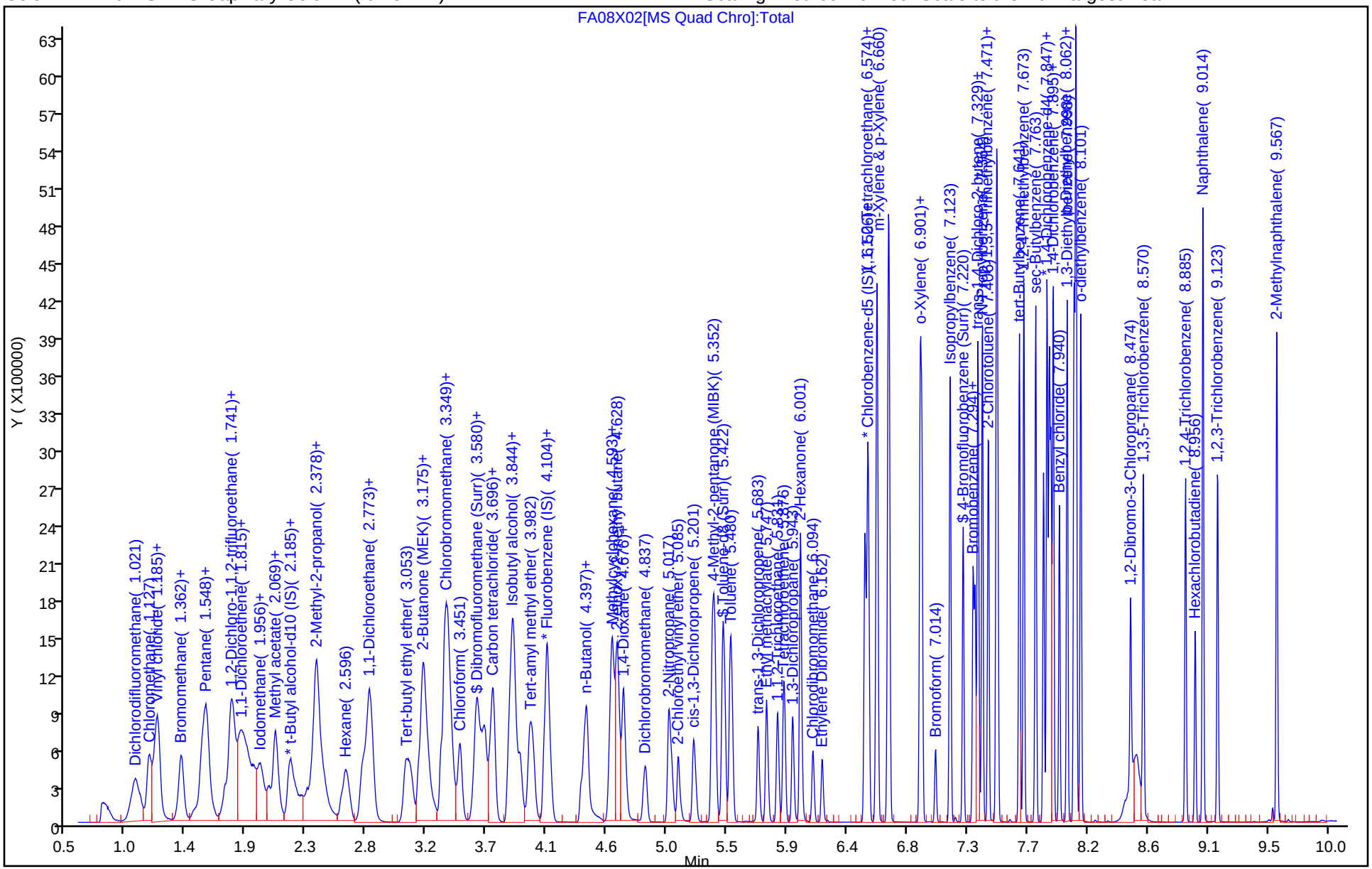
Report Date: 08-Apr-2025 11:53:15 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D

Injection Date:	08-Apr-2025 10:38:33	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	52
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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

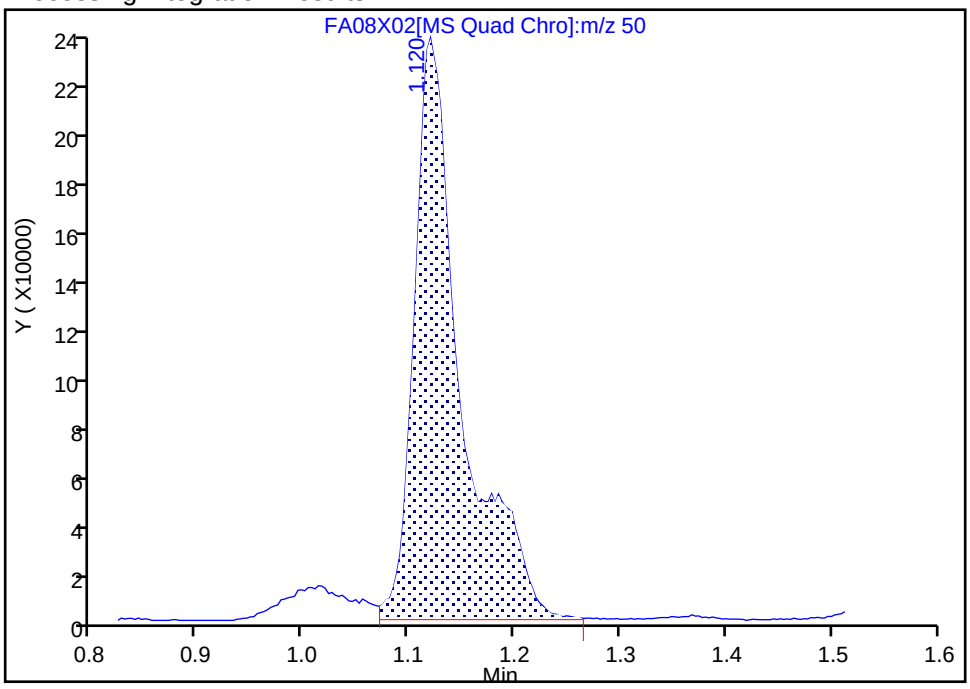
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Injection Date: 08-Apr-2025 10:38:33 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

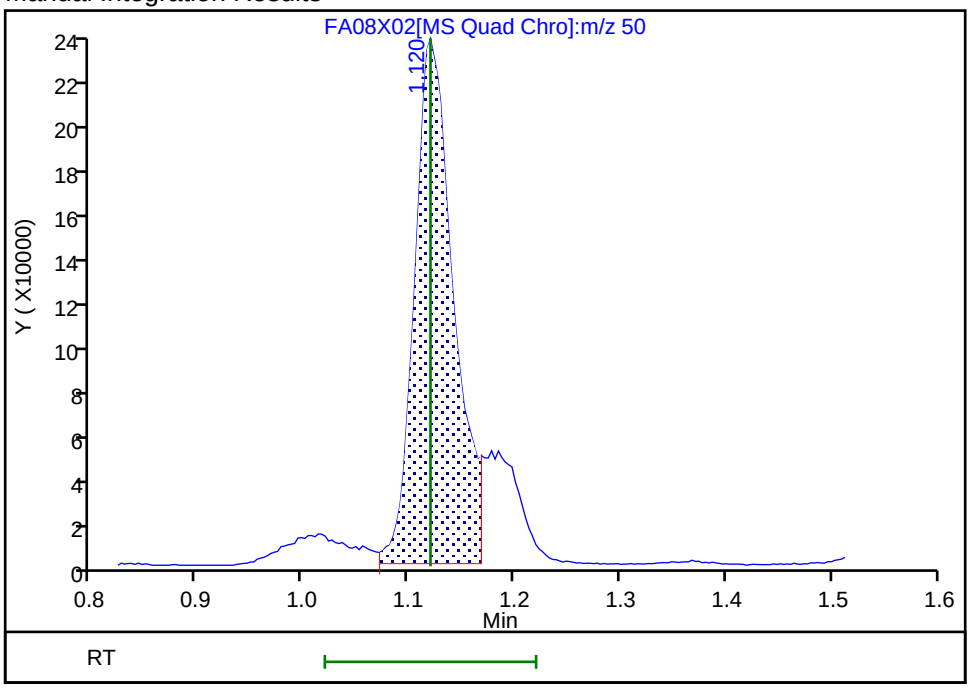
Processing Integration Results

RT: 1.12
Area: 719739
Amount: 59.277082
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 604282
Amount: 49.768143
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:07:07 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

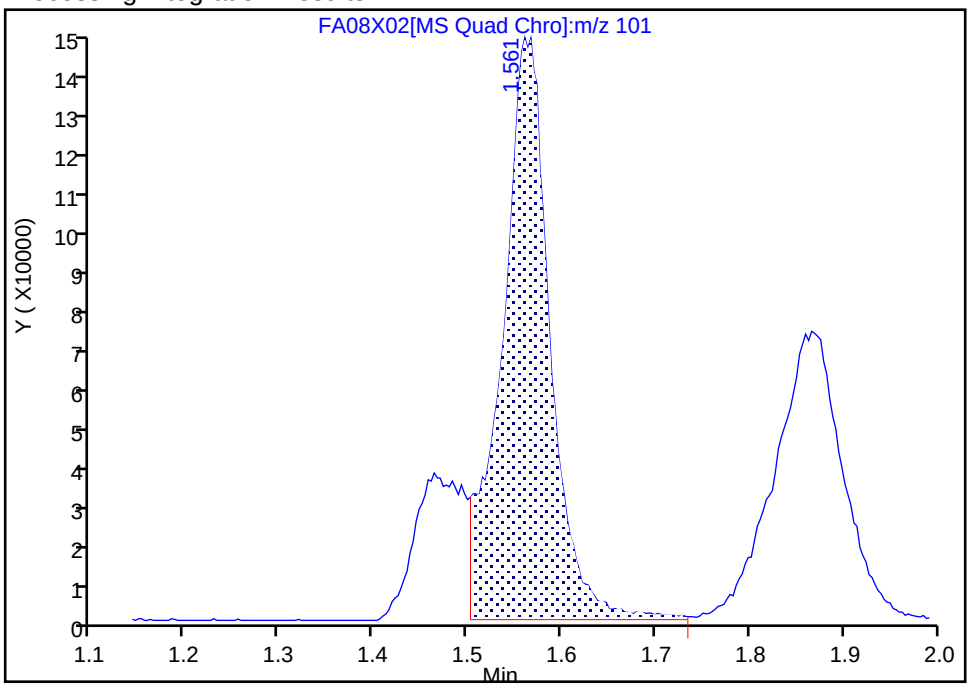
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Injection Date: 08-Apr-2025 10:38:33 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

9 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

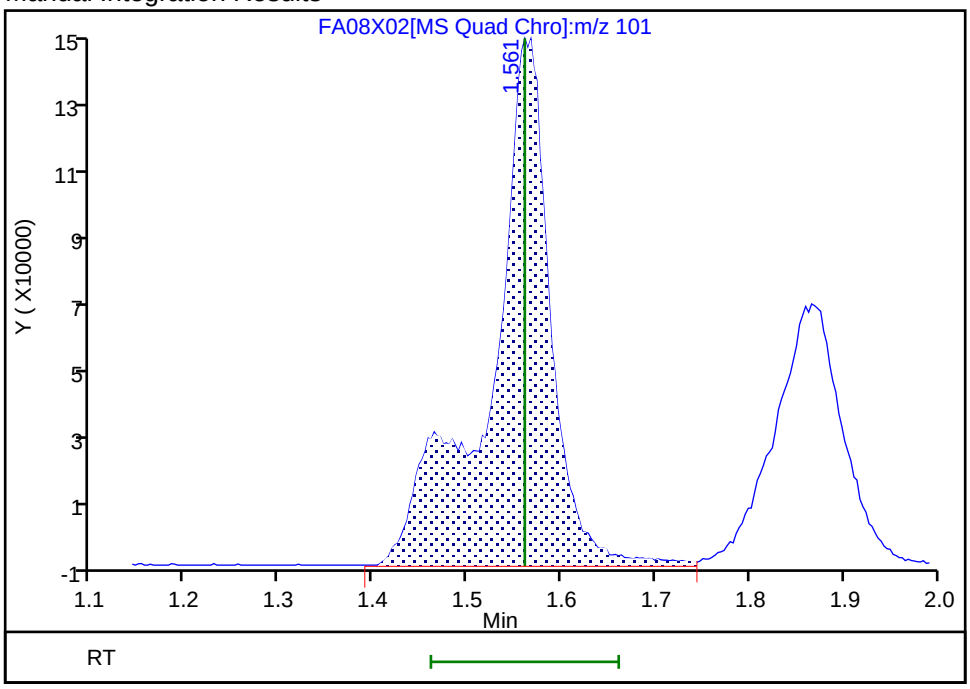
Processing Integration Results

RT: 1.56
Area: 509778
Amount: 37.335974
Amount Units: ug/l



Manual Integration Results

RT: 1.56
Area: 637738
Amount: 46.707722
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:07:31 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

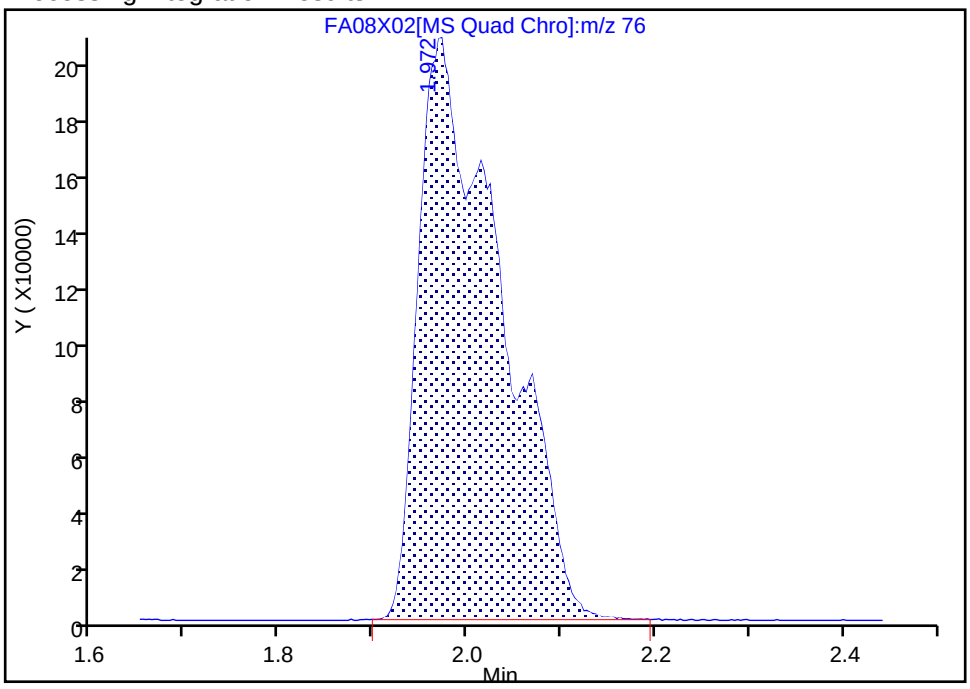
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Injection Date: 08-Apr-2025 10:38:33 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

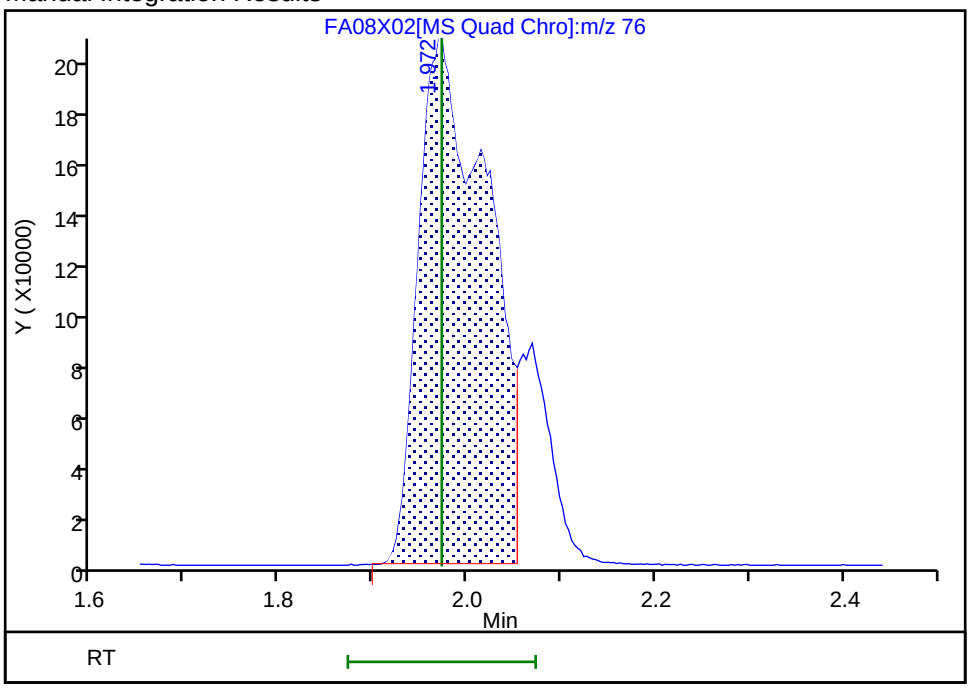
Processing Integration Results

RT: 1.97
Area: 1222676
Amount: 54.786743
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 1031300
Amount: 46.211399
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:07:36 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

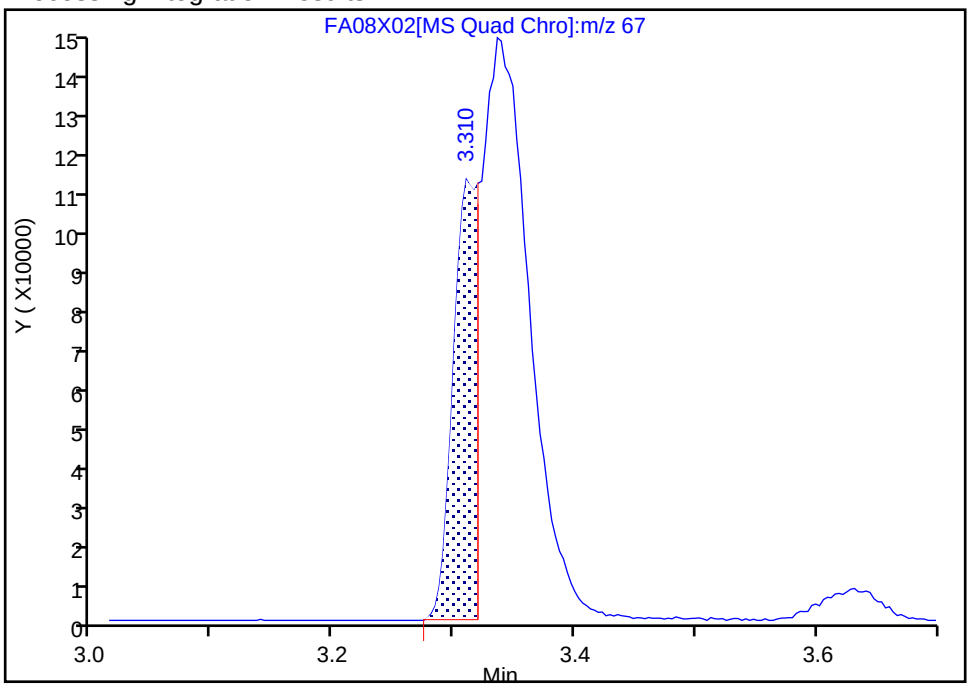
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Injection Date: 08-Apr-2025 10:38:33 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

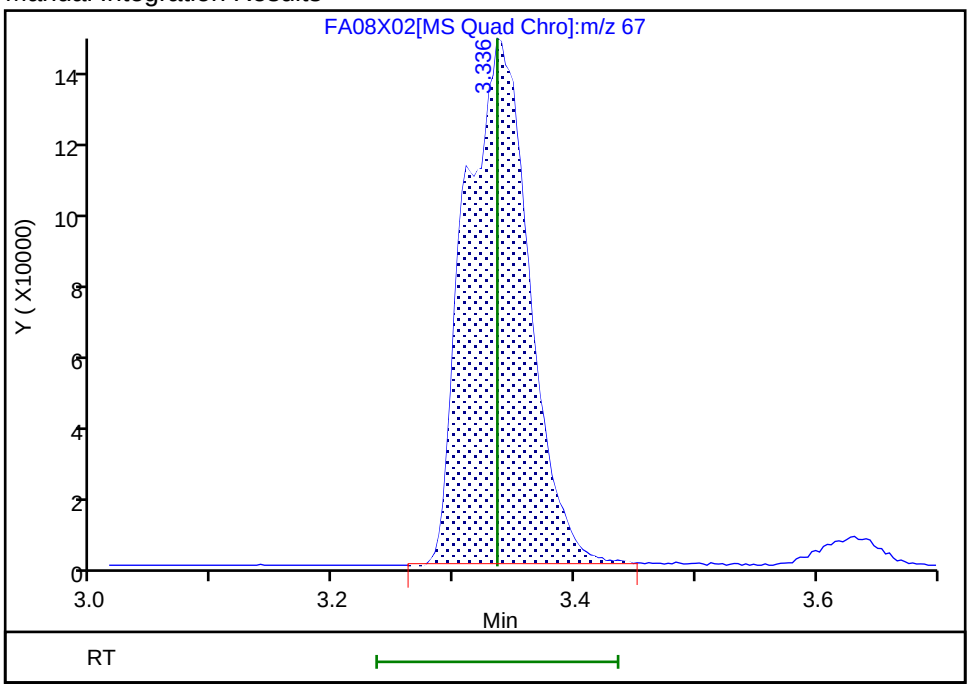
Processing Integration Results

RT: 3.31
Area: 153386
Amount: 33.264597
Amount Units: ug/l



Manual Integration Results

RT: 3.34
Area: 526951
Amount: 114.2791
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:08:08 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

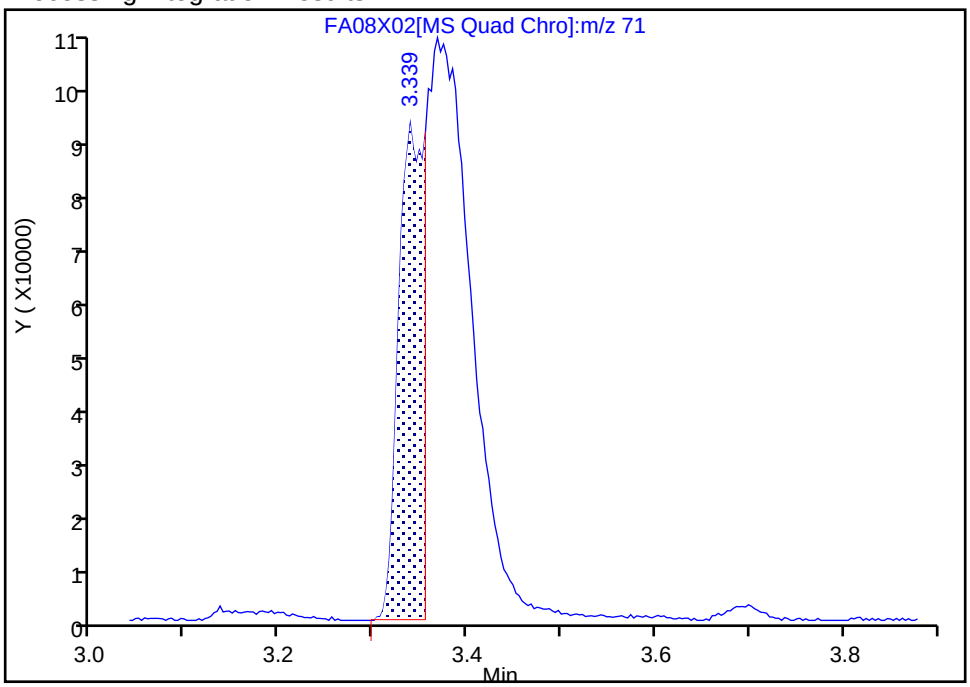
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Injection Date: 08-Apr-2025 10:38:33 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

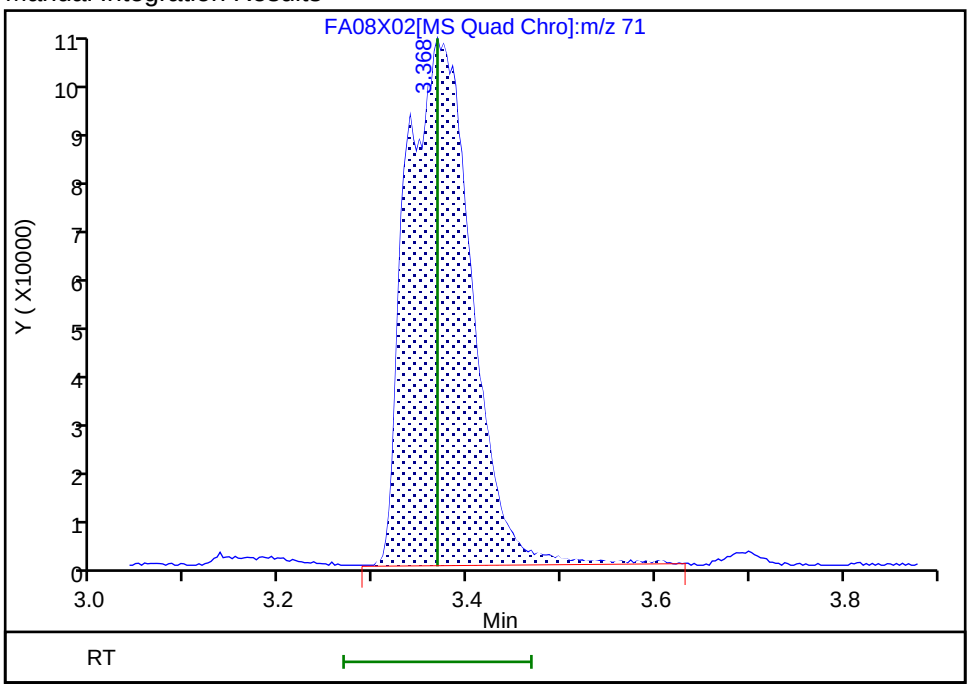
Processing Integration Results

RT: 3.34
Area: 167861
Amount: 75.189123
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 499458
Amount: 223.7197
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:07:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

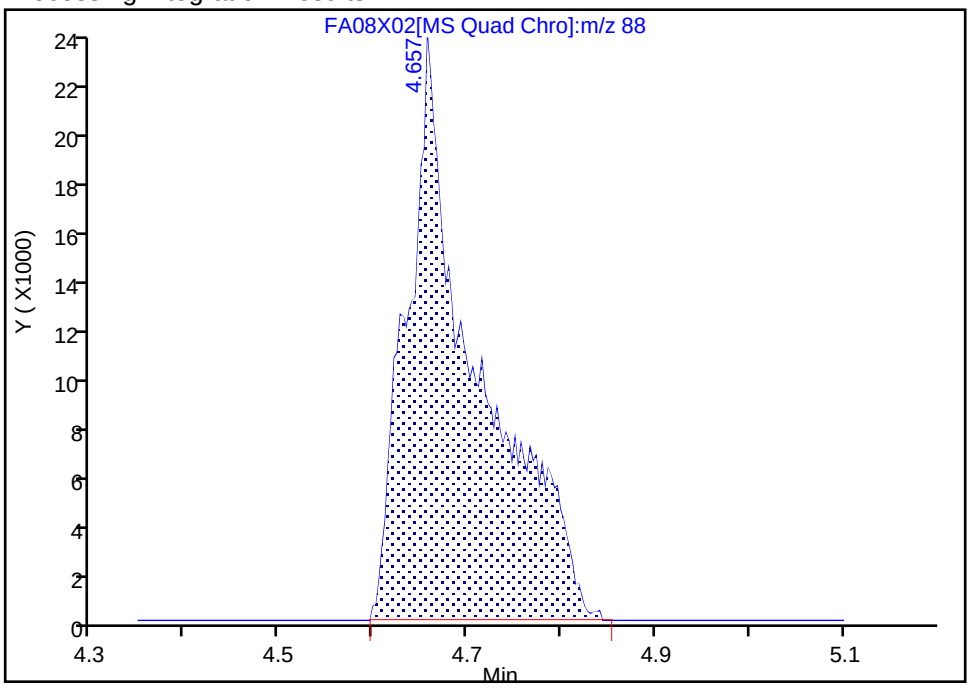
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X02.D
Injection Date: 08-Apr-2025 10:38:33 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: knk41612 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

57 1,4-Dioxane, CAS: 123-91-1

Signal: 1

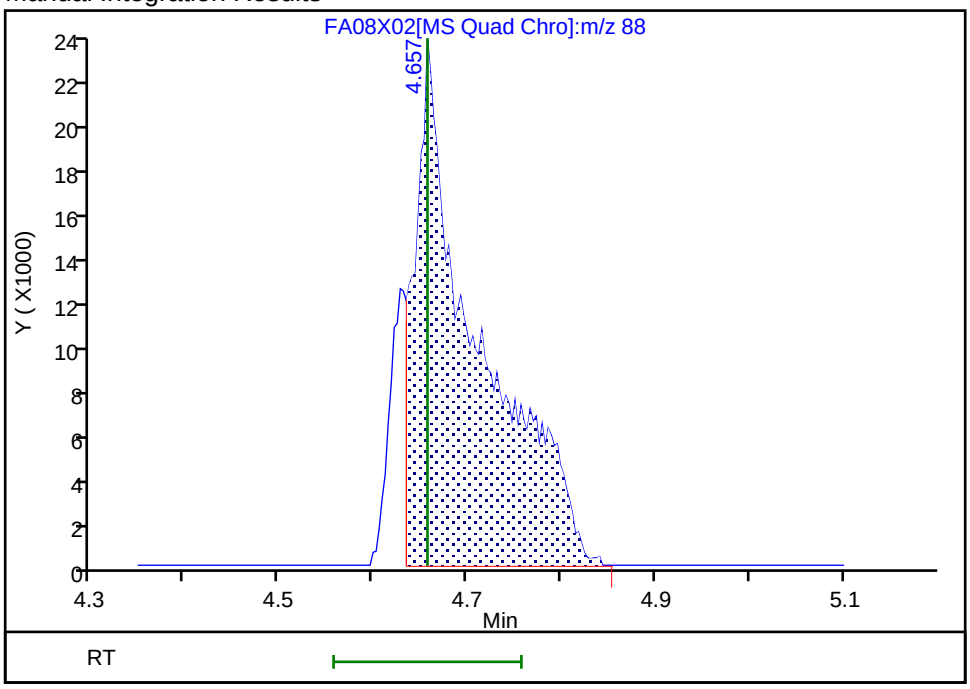
Processing Integration Results

RT: 4.66
Area: 123830
Amount: 713.1312
Amount Units: ug/l



Manual Integration Results

RT: 4.66
Area: 110014
Amount: 633.5655
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:08:22 -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\15830\20250407-143206.b\FA07T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 07-Apr-2025 14:11:16 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB Tune
Misc. Info.: 410-0143206-001
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 07-Apr-2025 18:33:16 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1709

First Level Reviewer: DVW2 Date: 07-Apr-2025 15:18:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 38 BFB	95	3.450	3.450	0.000	0	365123	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

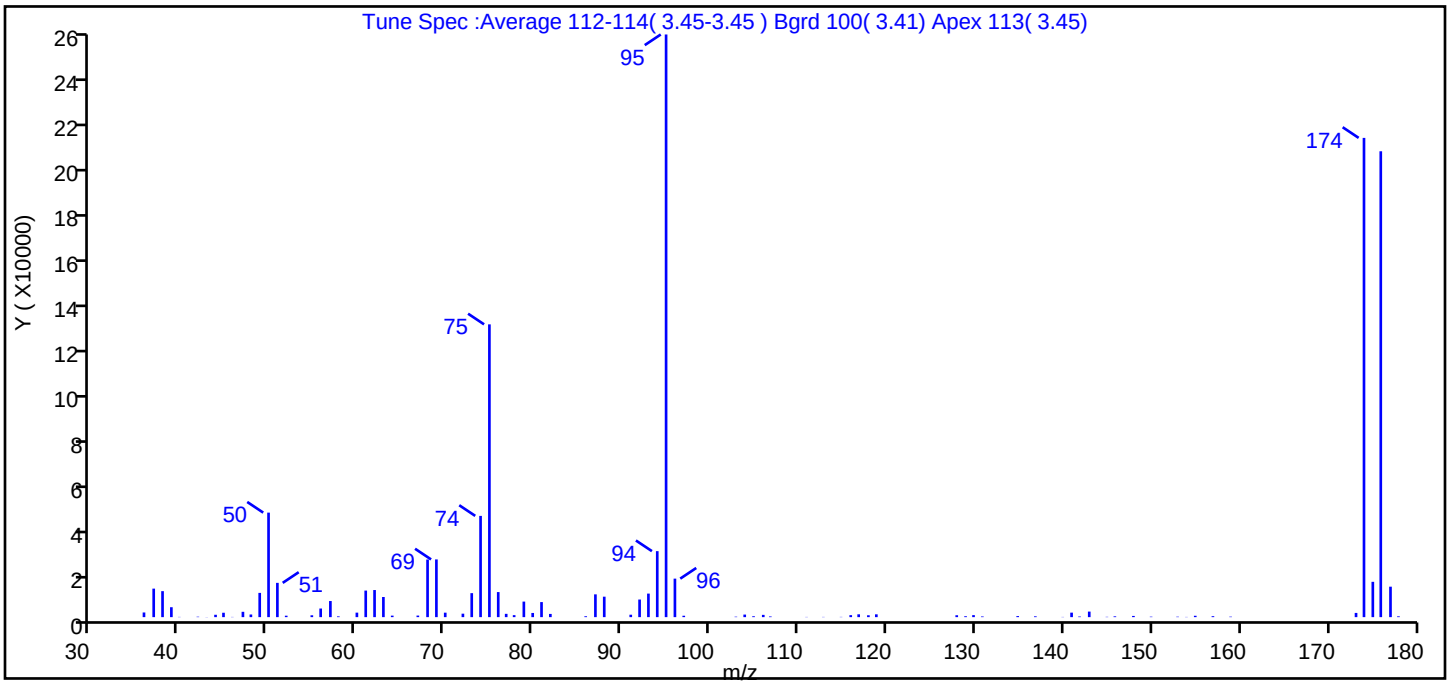
MSV_V_BFB_00018 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07T01.D				
Injection Date:	07-Apr-2025 14:11:16	Instrument ID:	15830		
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_15830_PT2	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 38 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.9
75	30 to 60% of m/z 95	50.2
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.7 (0.9)
174	50 to 120% of m/z 95	82.3
175	5 to 9% of m/z 174	6.1 (7.4)
176	Greater than 95% but less than 101% of m/z 174	80.0 (97.2)
177	5 to 9% of m/z 176	5.2 (6.5)

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07T01.D\MSVoa_15830_PT2.rslt\spectra.c
Injection Date: 07-Apr-2025 14:11:16
Spectrum: Tune Spec :Average 112-114(3.45-3.45) Bgrd 100(3.41) Apex 113(3.45)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 87

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2054	62.00	11927	92.00	7753	135.00	465
37.00	12546	63.00	8864	93.00	10364	137.00	359
38.00	11436	64.00	668	94.00	29040	140.00	92
39.00	4366	67.00	691	95.00	256384	141.00	1983
40.00	100	68.00	25344	96.00	16944	142.00	271
42.00	191	69.00	25400	97.00	616	143.00	2444
43.00	56	70.00	1967	103.00	205	145.00	136
44.00	1043	72.00	1527	104.00	1130	146.00	350
45.00	1934	73.00	10558	105.00	390	148.00	529
46.00	93	74.00	44552	106.00	1004	150.00	209
47.00	2351	75.00	128832	107.00	293	153.00	195
48.00	1167	76.00	11029	111.00	92	154.00	93
49.00	10671	77.00	1455	113.00	99	155.00	602
50.00	45992	78.00	879	115.00	109	157.00	413
51.00	15084	79.00	6843	116.00	878	159.00	211
52.00	636	80.00	1839	117.00	1245	173.00	1858
55.00	817	81.00	6628	118.00	829	174.00	210880
56.00	3795	82.00	1418	119.00	1240	175.00	15541
57.00	7089	86.00	389	128.00	837	176.00	204992
58.00	336	87.00	10028	129.00	398	177.00	13403
60.00	1980	88.00	9005	130.00	887	178.00	354
61.00	11687	91.00	1071	131.00	297		

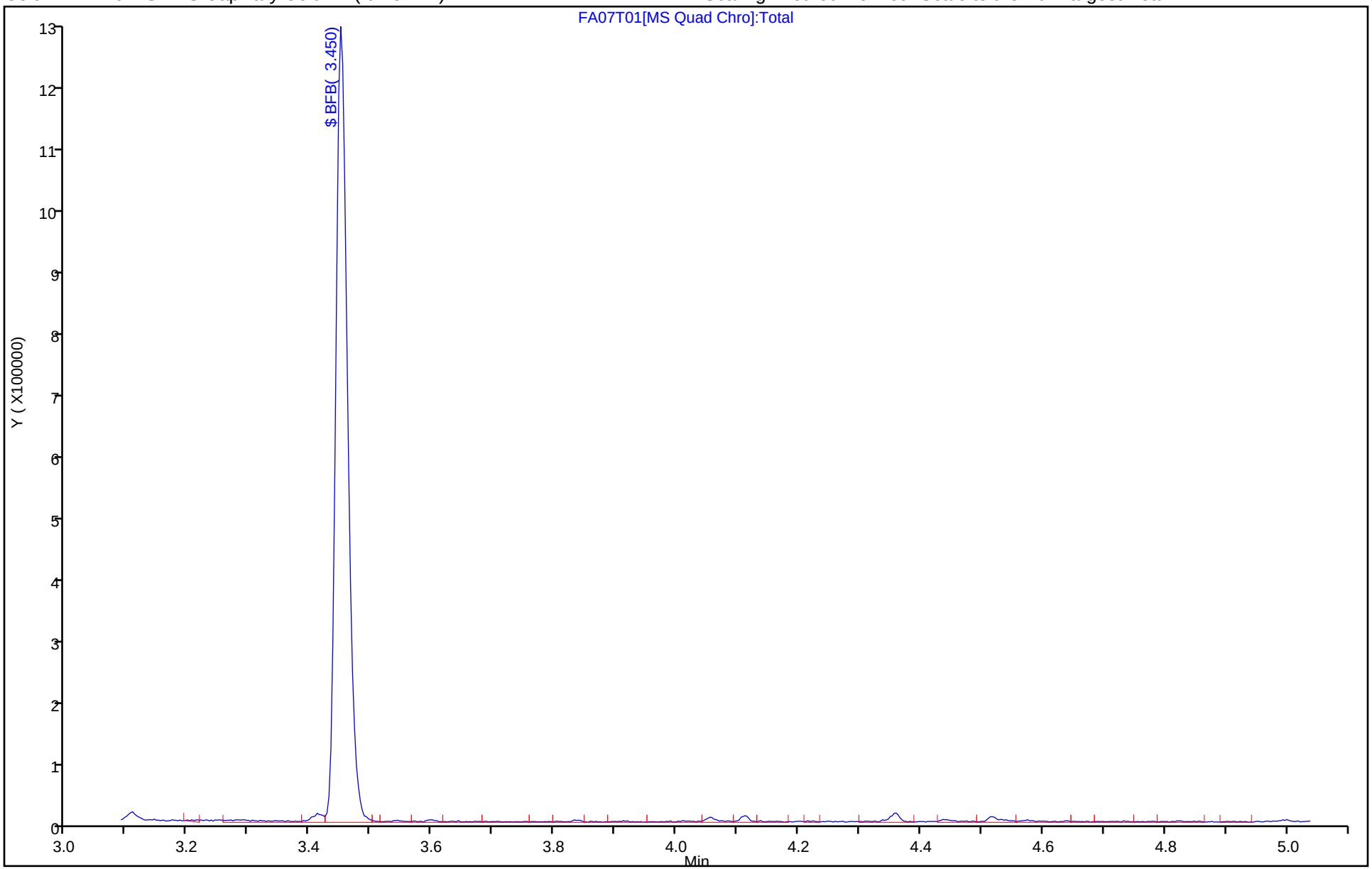
Report Date: 07-Apr-2025 18:33:16 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07T01.D

Injection Date:	07-Apr-2025 14:11:16	Instrument ID:	15830	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_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\20250408-143360.b\FA08T01.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Apr-2025 10:06:48 ALS Bottle#: 50 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB
Misc. Info.: 410-0143360-001
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 11:53:23 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 10:16:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 38 BFB	95	3.453	3.453	0.000	0	371205	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

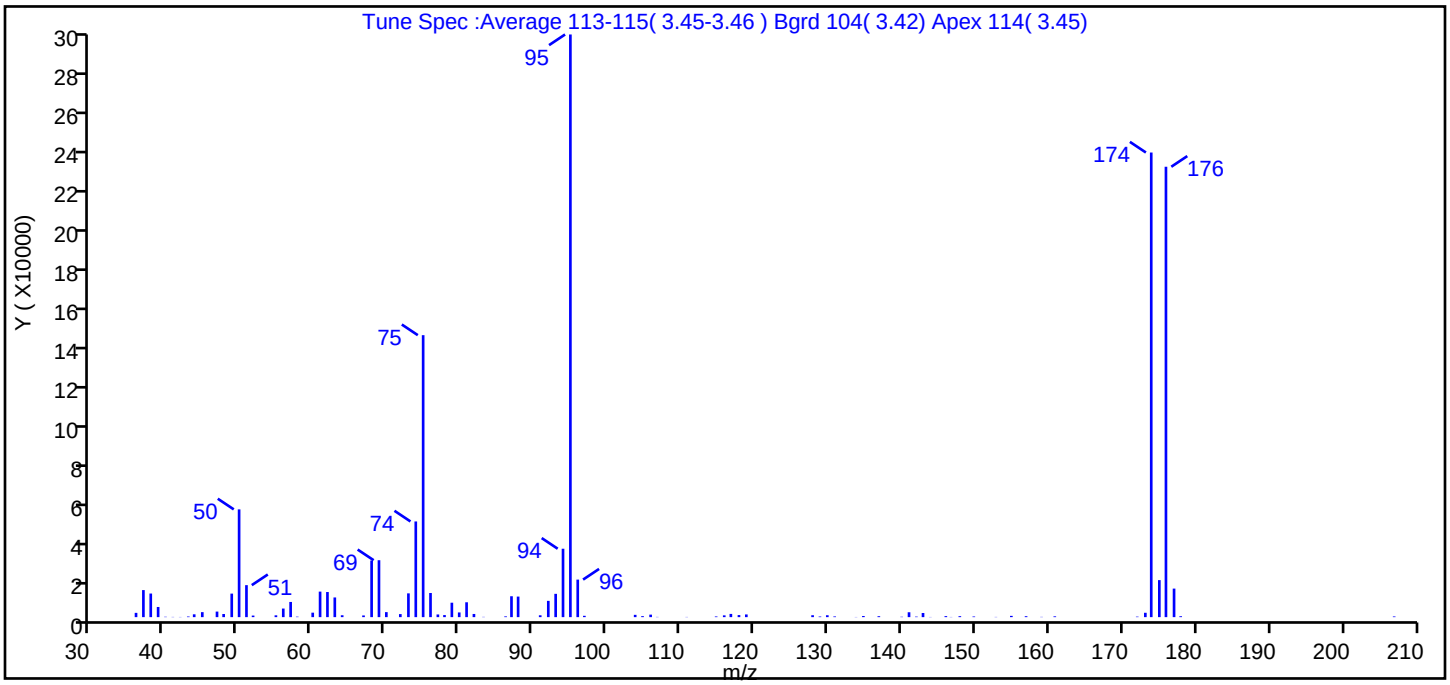
MSV_V_BFB_00018 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08T01.D
Injection Date: 08-Apr-2025 10:06:48 Instrument ID: 15830
Lims ID: BFB
Client ID:
Operator ID: knk41612 ALS Bottle#: 50 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

$ 38 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.5
75	30 to 60% of m/z 95	48.4
96	5 to 9% of m/z 95	6.4
173	Less than 2% of m/z 174	0.7 (0.9)
174	50 to 120% of m/z 95	79.7
175	5 to 9% of m/z 174	6.4 (8.0)
176	Greater than 95% but less than 101% of m/z 174	77.3 (96.9)
177	5 to 9% of m/z 176	4.9 (6.3)

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08T01.D\MSVoa_15830_PT2.rslt\spectra.c
Injection Date: 08-Apr-2025 10:06:48
Spectrum: Tune Spec :Average 113-115(3.45-3.46) Bgrd 104(3.42) Apex 114(3.45)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 90

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2142	63.00	9830	93.00	11638	141.00	2436
37.00	13507	64.00	946	94.00	34160	142.00	270
38.00	11788	67.00	844	95.00	290944	143.00	2069
39.00	5075	68.00	28296	96.00	18744	144.00	88
40.00	185	69.00	28424	97.00	669	146.00	510
41.00	111	70.00	2507	104.00	1150	147.00	91
42.00	93	72.00	1523	105.00	497	148.00	480
43.00	312	73.00	11877	106.00	1254	150.00	327
44.00	1415	74.00	47784	107.00	115	153.00	108
45.00	2495	75.00	140800	111.00	100	155.00	640
47.00	2776	76.00	12053	115.00	346	157.00	467
48.00	1562	77.00	1337	116.00	891	159.00	130
49.00	11751	78.00	1034	117.00	1611	161.00	398
50.00	53808	79.00	7210	118.00	1033	172.00	258
51.00	15977	80.00	2349	119.00	1346	173.00	2180
52.00	784	81.00	7425	128.00	959	174.00	232000
55.00	913	82.00	1587	129.00	306	175.00	18488
56.00	4292	83.00	130	130.00	945	176.00	224896
57.00	7585	86.00	381	131.00	352	177.00	14253
58.00	242	87.00	10435	134.00	86	178.00	450
60.00	2237	88.00	10268	135.00	556	207.00	342
61.00	12747	91.00	924	137.00	463		
62.00	12541	92.00	8131	140.00	184		

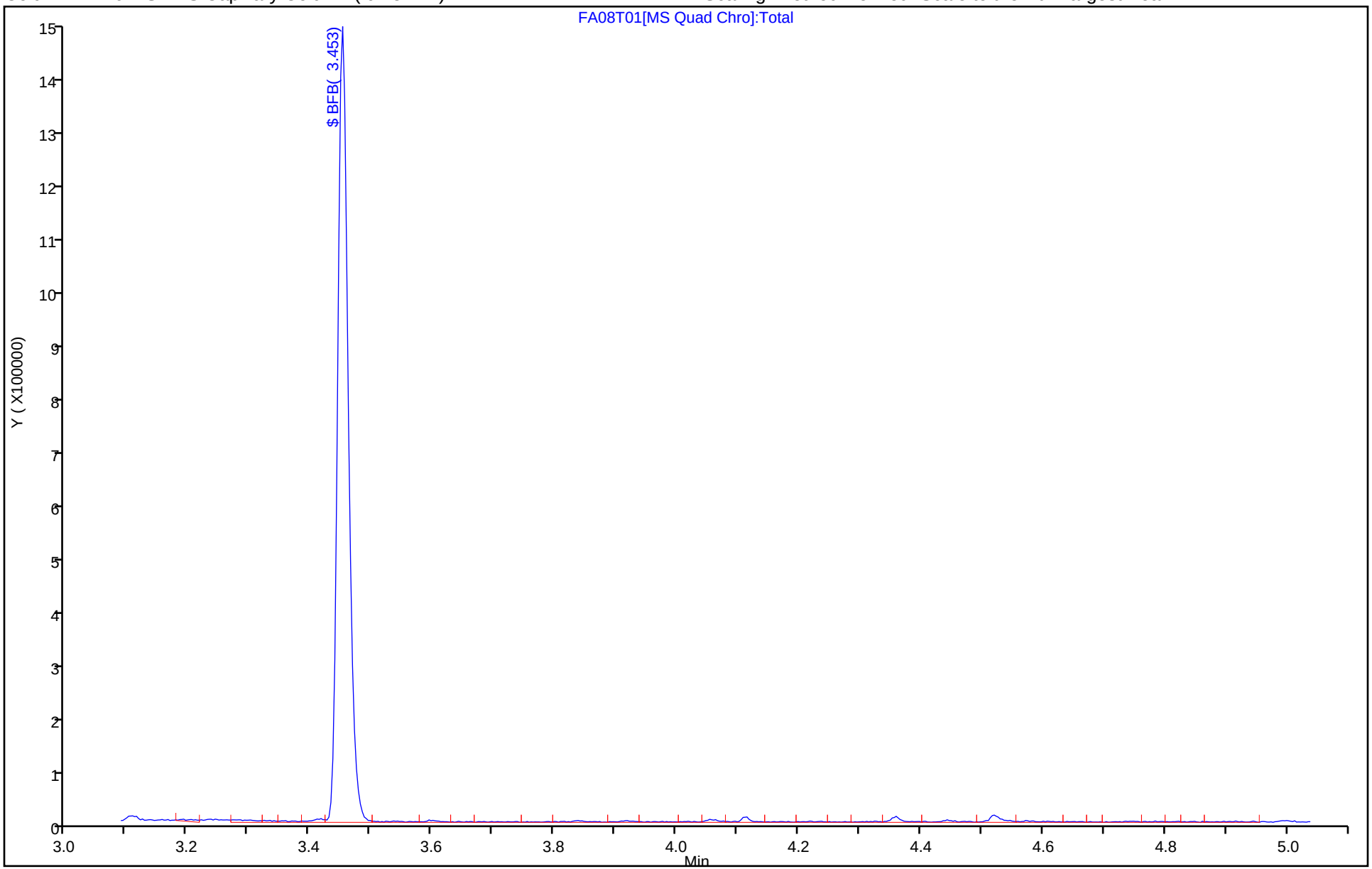
Report Date: 08-Apr-2025 11:53:23 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08T01.D

Injection Date:	08-Apr-2025 10:06:48	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	50
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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-627642/8

Matrix: Water
Lab File ID: FA08X07.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 12:15

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.: 627642
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	0.50
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.: 410-214588-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-627642/8

Matrix: Water
Lab File ID: FA08X07.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 12:15

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.: 627642
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)	99		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X07.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Apr-2025 12:15:46 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-008
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 12:32:23 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 12:32:23

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85		1.011					ND	
2 Chloromethane	50		1.124					ND	
4 Vinyl chloride	62		1.178					ND	
3 Butadiene	39		1.188					ND	U
5 Bromomethane	94		1.365					ND	
6 Chloroethane	64		1.375					ND	
7 Pentane	43		1.519					ND	U
8 Dichlorofluoromethane	67		1.548					ND	
9 Trichlorofluoromethane	101		1.564					ND	
10 1,2-Dichloro-1,1,2-trifluoroetha	67		1.738					ND	
11 Acrolein	56		1.744					ND	7
12 1,1-Dichloroethene	96		1.805					ND	
13 Acetone	58		1.841					ND	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.860					ND	
15 Iodomethane	142		1.931					ND	
16 Isopropyl alcohol	45		1.950					ND	
17 Carbon disulfide	76		2.014					ND	7
18 3-Chloro-1-propene	41		2.069					ND	7
19 Methyl acetate	43		2.069					ND	7
20 Methylene Chloride	84		2.178					ND	
* 21 t-Butyl alcohol-d10 (IS)	65	2.281	2.207	0.074	52	801400	250.0	250.0	
22 2-Methyl-2-propanol	59		2.278					ND	
23 Acrylonitrile	53		2.349					ND	
24 trans-1,2-Dichloroethene	96		2.378					ND	
25 Methyl tert-butyl ether	73		2.404					ND	
26 Hexane	57		2.593					ND	
27 1,1-Dichloroethane	63		2.715					ND	
28 Isopropyl ether	45		2.767					ND	
29 2-Chloro-1,3-butadiene	53		2.773					ND	
30 Tert-butyl ethyl ether	59		3.050					ND	
31 2-Butanone (MEK)	43		3.140					ND	7

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
	32 cis-1,2-Dichloroethene	96		3.172					ND	
	33 2,2-Dichloropropane	77		3.188					ND	
	34 Propionitrile	54		3.223					ND	
	35 Methacrylonitrile	67		3.339					ND	
	36 Chlorobromomethane	128		3.355					ND	
	37 Tetrahydrofuran	71		3.368					ND	
	39 Chloroform	83		3.449					ND	
$	40 Dibromofluoromethane (Surr)	113	3.567	3.571	-0.004	93	344251	50.0	48.6	
	41 1,1,1-Trichloroethane	97		3.574					ND	
	42 Cyclohexane	56		3.632					ND	
	44 Carbon tetrachloride	117		3.690					ND	
	43 1,1-Dichloropropene	75		3.693					ND	
	45 Isobutyl alcohol	41		3.812					ND	7
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.831	3.838	-0.007	49	84217	50.0	49.6	
	47 Benzene	78		3.850					ND	
	48 1,2-Dichloroethane	62		3.899					ND	7
	49 Tert-amyl methyl ether	73		3.973					ND	
*	50 Fluorobenzene (IS)	96	4.098	4.101	-0.003	99	1260045	50.0	50.0	
	51 n-Heptane	43		4.111					ND	7
	52 n-Butanol	56		4.355					ND	
	53 Trichloroethene	95		4.387					ND	
	54 Methylcyclohexane	83		4.584					ND	
	55 1,2-Dichloropropane	63		4.600					ND	
	56 2-ethoxy-2-methyl butane	87		4.629					ND	
	57 1,4-Dioxane	88		4.661					ND	
	58 Methyl methacrylate	69		4.674					ND	
	59 Dibromomethane	93		4.674					ND	
	60 Dichlorobromomethane	83		4.834					ND	
	61 2-Nitropropane	41		5.011					ND	U
	62 2-Chloroethyl vinyl ether	63		5.085					ND	
	63 cis-1,3-Dichloropropene	75		5.198					ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.346					ND	7
$	65 Toluene-d8 (Surr)	98	5.416	5.419	-0.003	93	1081568	50.0	48.7	
	66 Toluene	92		5.474					ND	
	67 trans-1,3-Dichloropropene	75		5.680					ND	
	68 Ethyl methacrylate	69		5.744					ND	
	69 1,1,2-Trichloroethane	97		5.828					ND	
	70 Tetrachloroethene	166		5.873					ND	
	71 1,3-Dichloropropane	76		5.940					ND	
	72 2-Hexanone	43		5.998					ND	7
	73 Chlorodibromomethane	129		6.091					ND	
S	74 1,2-Dichloroethene, Total	100		6.155					ND	7
	75 Ethylene Dibromide	107		6.162					ND	
*	76 Chlorobenzene-d5 (IS)	117	6.480	6.484	-0.004	85	836116	50.0	50.0	
	77 Chlorobenzene	112		6.500					ND	
	78 1-Chlorohexane	91		6.509					ND	U
	79 1,1,1,2-Tetrachloroethane	131		6.571					ND	
	80 Ethylbenzene	91		6.574					ND	7
	81 m-Xylene & p-Xylene	106		6.661					ND	7
	82 o-Xylene	106		6.899					ND	
	83 Styrene	104		6.908					ND	
	84 Bromoform	173		7.011					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105		7.120					ND	7
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	86	457656	50.0	50.9	
87 Bromobenzene	156		7.294					ND	
88 1,1,2,2-Tetrachloroethane	83		7.307					ND	7
89 trans-1,4-Dichloro-2-butene	53		7.326					ND	
90 1,2,3-Trichloropropane	110		7.333					ND	
91 N-Propylbenzene	91		7.362					ND	7
92 2-Chlorotoluene	126		7.407					ND	
93 1,3,5-Trimethylbenzene	105		7.468					ND	7
94 4-Chlorotoluene	126		7.477					ND	
95 tert-Butylbenzene	134		7.641					ND	
96 1,2,4-Trimethylbenzene	105		7.673					ND	7
97 sec-Butylbenzene	105		7.763					ND	7
98 1,3-Dichlorobenzene	146		7.821					ND	7
99 4-Isopropyltoluene	119		7.847					ND	7
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	96	521115	50.0	50.0	
101 1,4-Dichlorobenzene	146		7.876					ND	7
102 1,2,3-Trimethylbenzene	105		7.892					ND	7
103 Benzyl chloride	91		7.940					ND	7
104 1,3-Diethylbenzene	119		7.998					ND	7
105 p-Diethylbenzene	119		8.050					ND	7
106 n-Butylbenzene	92		8.062					ND	7
107 1,2-Dichlorobenzene	146		8.066					ND	7
108 o-diethylbenzene	119		8.101					ND	7
109 1,2-Dibromo-3-Chloropropane	75		8.474					ND	
110 1,3,5-Trichlorobenzene	180		8.570					ND	7
111 1,2,4-Trichlorobenzene	180		8.886					ND	7
112 Hexachlorobutadiene	225		8.956					ND	7
113 Naphthalene	128		9.014					ND	7
114 1,2,3-Trichlorobenzene	180		9.124					ND	7
115 2-Methylnaphthalene	142		9.567					ND	7
123 Methyl Isocyanate TIC	73	9.998	10.000	-0.002	1	49		0.001944	
120 Chlorodifluoromethane	51	9.570	10.000	-0.430	32	269		0.0107	
S 139 1,3-Dichloropropene, Total	100		10.060					ND	7
S 140 Xylenes, Total	106		11.245					ND	7
S 141 Total Diethylbenzene	1		0.000					ND	7
163 2,2-Dimethylbutane TIC	1		0.000					ND	
164 Methylcyclopentane TIC	1		0.000					ND	
165 3-chloro-1-Butene TIC	1		0.000					ND	
166 1,1-Dichloro-1-fluoroethane TIC	1		0.000					ND	
167 Carbonyl sulfide TIC	1		0.000					ND	
168 Dimethylformamide TIC	1		0.000					ND	
169 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
170 Dimethyl Sulfide TIC	1		0.000					ND	
172 2,2-Dimethylpropane TIC	1		0.000					ND	
173 bis(2-chloromethyl)ether TIC	1		0.000					ND	
174 2-Methylhexane TIC	1		0.000					ND	
175 3-Pentanone TIC	1		0.000					ND	
176 1-Methylnaphthalene (TIC)	1		0.000					ND	
177 3-Methylpentane TIC	1		0.000					ND	
178 Cyclopentane TIC	1		0.000					ND	
179 Styrene oxide 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
180 2,3-Dimethylbutane TIC	1		0.000					ND	
162 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
181 4-Hydroxy-4-methyl-2-pentanone T	1		0.000					ND	
161 Phosgene TIC	1		0.000					ND	
S 159 Total BTEX	1		0.000					ND	7
142 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
143 Ethyl acrylate	55		0.000					ND	
144 3-Methyl-1-butene	1		0.000					ND	
145 Propanol	1		0.000					ND	
146 Isobutyl acetate	43		0.000					ND	
147 4-Ethyltoluene	1		0.000					ND	
148 sec-Butyl Alcohol	45		0.000					ND	
149 3-Methylhexane TIC	1		0.000					ND	
150 2-Butoxyethyl acetate	1		0.000					ND	
151 Methyl acrylate	1		0.000					ND	
152 Gasoline (Unleaded)	1		0.000					ND	
153 Dimethyl Sulfide	1		0.000					ND	
154 n-Butyl acrylate	1		0.000					ND	
155 1-Methylnaphthalene	142		0.000					ND	
$ 156 trans-1,2,3-Trichlorobutene-2 T	1		0.000					ND	
157 sec-Butyl Alcohol TIC	1		0.000					ND	
158 2-Ethylhexyl acrylate	1		0.000					ND	
160 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

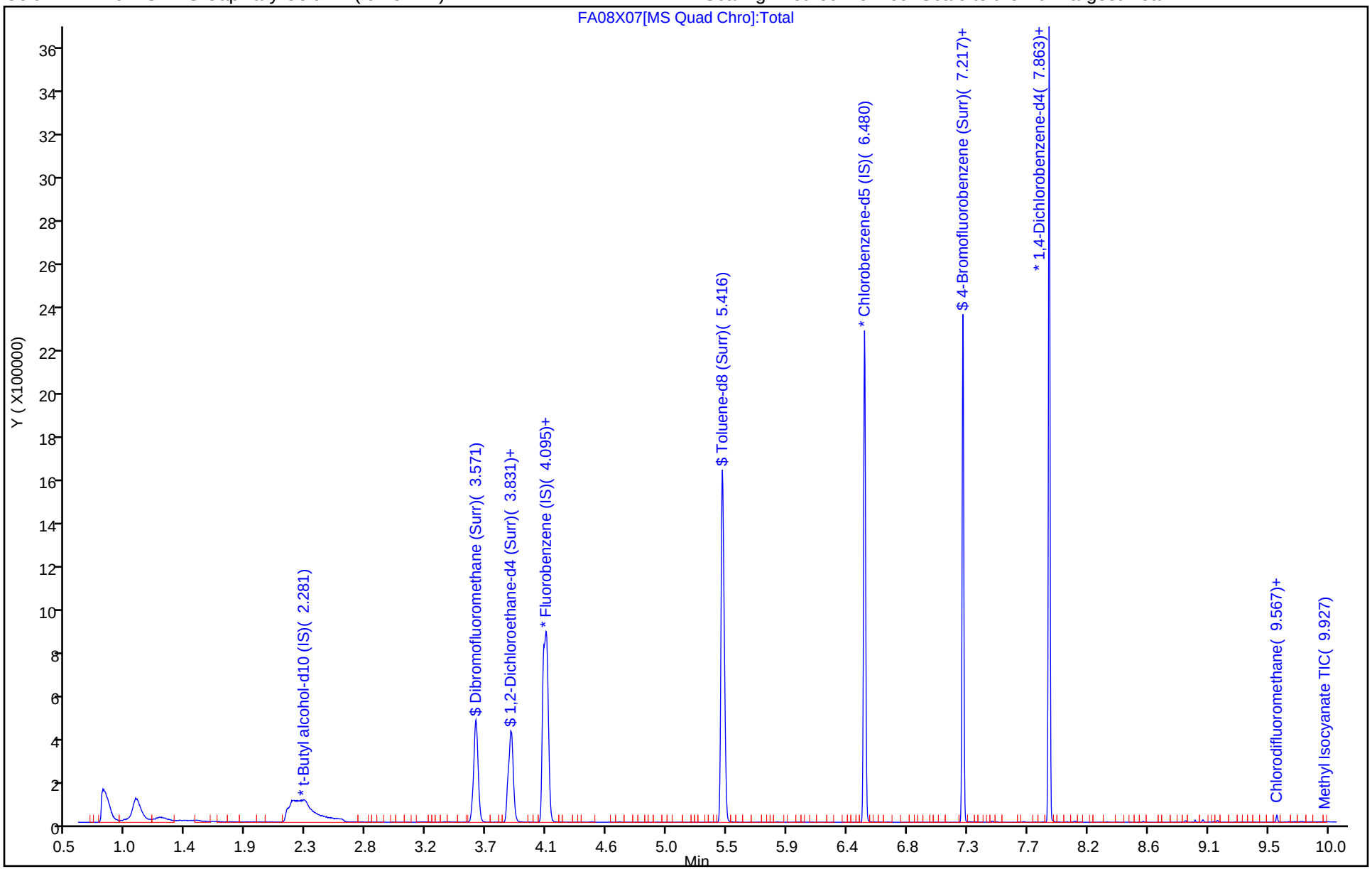
Report Date: 08-Apr-2025 12:32:31 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X07.D

Injection Date:	08-Apr-2025 12:15:46	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	MB			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	57
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\20250408-143360.b\FA08X07.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Apr-2025 12:15:46 ALS Bottle#: 57 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-008
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 12:32:23 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 12:32:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 40 Dibromofluoromethane (Surr)	50.0	48.6	97.14
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.6	99.13
$ 65 Toluene-d8 (Surr)	50.0	48.7	97.37
$ 86 4-Bromofluorobenzene (Surr)	50.0	50.9	101.83

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-627642/4

Matrix: Water
Lab File ID: FA08X03.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 10:57

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.: 627642
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	19.9		1.0	0.30
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.7		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.2		1.0	0.30
75-34-3	1,1-Dichloroethane	20.2		1.0	0.30
75-35-4	1,1-Dichloroethene	22.8		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.7		1.0	0.20
107-06-2	1,2-Dichloroethane	19.8		1.0	0.30
78-87-5	1,2-Dichloropropane	19.6		1.0	0.30
78-93-3	2-Butanone (MEK)	261		10	0.50
591-78-6	2-Hexanone	265		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	252		10	0.50
67-64-1	Acetone	237		20	0.70
71-43-2	Benzene	20.1		1.0	0.30
74-97-5	Bromochloromethane	19.1		5.0	0.20
75-27-4	Bromodichloromethane	19.1		1.0	0.20
75-25-2	Bromoform	18.3		4.0	1.0
74-83-9	Bromomethane	18.2		1.0	0.30
75-15-0	Carbon disulfide	19.7		5.0	0.30
56-23-5	Carbon tetrachloride	19.0		1.0	0.30
108-90-7	Chlorobenzene	20.2		1.0	0.30
75-00-3	Chloroethane	18.7		1.0	0.30
67-66-3	Chloroform	19.5		1.0	0.30
74-87-3	Chloromethane	20.0		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.3		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.0		1.0	0.20
124-48-1	Dibromochloromethane	18.4		1.0	0.20
100-41-4	Ethylbenzene	20.4		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.9		1.0	0.20
75-09-2	Methylene Chloride	20.3		1.0	0.30
100-42-5	Styrene	20.3		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.: 410-214588-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-627642/4

Matrix: Water
Lab File ID: FA08X03.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 10:57

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.: 627642
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.1		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.6		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.0		1.0	0.20
79-01-6	Trichloroethene	20.2		1.0	0.30
75-01-4	Vinyl chloride	19.1		1.0	0.30
1330-20-7	Xylenes, Total	60.6		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	102		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		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\15830\20250408-143360.b\FA08X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Apr-2025 10:57:56 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-004
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 11:53:18 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 11:49:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	0.998	0.998	0.000	99	225339	20.0	20.8	
2 Chloromethane	50	1.117	1.117	0.000	99	244063	20.0	20.0	M
4 Vinyl chloride	62	1.175	1.175	0.000	98	203312	20.0	19.1	
3 Butadiene	39	1.179	1.179	0.000	95	282488	20.0	22.7	
5 Bromomethane	94	1.355	1.355	0.000	92	137062	20.0	18.2	
6 Chloroethane	64	1.365	1.365	0.000	99	116897	20.0	18.7	
7 Pentane	43	1.513	1.513	0.000	96	209834	20.0	19.3	
8 Dichlorofluoromethane	67	1.542	1.542	0.000	97	338476	20.0	18.8	
9 Trichlorofluoromethane	101	1.555	1.555	0.000	97	259958	20.0	18.9	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.722	1.722	0.000	90	179665	20.0	19.3	
11 Acrolein	56	1.735	1.735	0.000	100	422615	146.4	162.2	
12 1,1-Dichloroethene	96	1.805	1.805	0.000	97	147574	20.0	22.8	
13 Acetone	58	1.834	1.834	0.000	100	348873	250.0	237.3	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.850	1.850	0.000	92	148744	20.0	19.7	
15 Iodomethane	142	1.924	1.924	0.000	99	252888	20.0	19.0	
16 Isopropyl alcohol	45	1.944	1.944	0.000	94	159191	150.0	125.8	M
17 Carbon disulfide	76	1.963	1.963	0.000	100	443039	20.0	19.7	M
19 Methyl acetate	43	2.063	2.063	0.000	47	202590	20.0	19.9	M
18 3-Chloro-1-propene	41	2.059	2.059	0.000	88	199106	20.0	17.3	
20 Methylene Chloride	84	2.172	2.172	0.000	90	160914	20.0	20.3	
* 21 t-Butyl alcohol-d10 (IS)	65	2.207	2.207	0.000	78	802434	250.0	250.0	
22 2-Methyl-2-propanol	59	2.268	2.268	0.000	97	631632	200.0	199.0	
23 Acrylonitrile	53	2.346	2.346	0.000	100	556419	100.0	99.3	
24 trans-1,2-Dichloroethene	96	2.375	2.375	0.000	99	151650	20.0	20.6	
25 Methyl tert-butyl ether	73	2.391	2.391	0.000	91	454868	20.0	18.9	
26 Hexane	57	2.587	2.587	0.000	94	171144	20.0	20.2	
27 1,1-Dichloroethane	63	2.712	2.712	0.000	95	259331	20.0	20.2	
28 Isopropyl ether	45	2.760	2.760	0.000	94	390948	20.0	18.5	
29 2-Chloro-1,3-butadiene	53	2.773	2.773	0.000	91	209089	20.0	18.3	
30 Tert-butyl ethyl ether	59	3.047	3.047	0.000	97	436748	20.0	18.7	
31 2-Butanone (MEK)	43	3.137	3.137	0.000	100	1802592	250.0	261.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 cis-1,2-Dichloroethene	96	3.166	3.166	0.000	81	164162	20.0	19.3	
33 2,2-Dichloropropane	77	3.182	3.182	0.000	85	233784	20.0	19.4	
34 Propionitrile	54	3.217	3.217	0.000	97	397411	150.0	168.1	M
35 Methacrylonitrile	67	3.333	3.333	0.000	95	715338	150.0	154.3	
36 Chlorobromomethane	128	3.352	3.352	0.000	94	77755	20.0	19.1	
37 Tetrahydrofuran	71	3.365	3.365	0.000	72	228047	100.0	107.7	M
39 Chloroform	83	3.449	3.449	0.000	93	248675	20.0	19.5	
$ 40 Dibromofluoromethane (Surr)	113	3.567	3.567	0.000	93	357682	50.0	48.5	
41 1,1,1-Trichloroethane	97	3.571	3.571	0.000	60	231170	20.0	19.9	
42 Cyclohexane	56	3.629	3.629	0.000	89	245365	20.0	18.6	
44 Carbon tetrachloride	117	3.693	3.693	0.000	76	176673	20.0	19.0	
43 1,1-Dichloropropene	75	3.693	3.693	0.000	96	189444	20.0	19.9	
45 Isobutyl alcohol	41	3.809	3.809	0.000	96	376839	500.0	485.0	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.834	3.834	0.000	92	87009	50.0	49.2	
47 Benzene	78	3.847	3.847	0.000	95	548092	20.0	20.1	
48 1,2-Dichloroethane	62	3.899	3.899	0.000	97	182026	20.0	19.8	
49 Tert-amyl methyl ether	73	3.976	3.976	0.000	95	422668	20.0	18.6	
* 50 Fluorobenzene (IS)	96	4.098	4.098	0.000	98	1311359	50.0	50.0	
51 n-Heptane	43	4.098	4.098	0.000	90	127248	20.0	19.2	
52 n-Butanol	56	4.358	4.358	0.000	89	637797	1000.0	974.7	
53 Trichloroethene	95	4.394	4.394	0.000	99	137744	20.0	20.2	
54 Methylcyclohexane	83	4.580	4.580	0.000	90	244890	20.0	18.9	
55 1,2-Dichloropropane	63	4.600	4.600	0.000	96	122859	20.0	19.6	
56 2-ethoxy-2-methyl butane	87	4.632	4.632	0.000	94	211996	20.0	18.5	
57 1,4-Dioxane	88	4.657	4.657	0.000	89	83821	500.0	508.9	M
58 Methyl methacrylate	69	4.674	4.674	0.000	89	107076	20.0	18.8	
59 Dibromomethane	93	4.674	4.674	0.000	96	85562	20.0	19.9	
60 Dichlorobromomethane	83	4.834	4.834	0.000	99	141283	20.0	19.1	
61 2-Nitropropane	41	5.011	5.011	0.000	98	47138	20.0	19.2	
62 2-Chloroethyl vinyl ether	63	5.085	5.085	0.000	93	79021	20.0	19.7	
63 cis-1,3-Dichloropropene	75	5.201	5.201	0.000	95	154885	20.0	18.0	
64 4-Methyl-2-pentanone (MIBK)	43	5.342	5.342	0.000	96	3016577	250.0	252.2	
$ 65 Toluene-d8 (Surr)	98	5.419	5.419	0.000	93	1131219	50.0	50.3	
66 Toluene	92	5.474	5.474	0.000	99	293549	20.0	20.1	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	94	137806	20.0	19.0	
68 Ethyl methacrylate	69	5.744	5.744	0.000	89	172246	20.0	19.2	
69 1,1,2-Trichloroethane	97	5.825	5.825	0.000	91	97958	20.0	20.2	
70 Tetrachloroethene	166	5.873	5.873	0.000	97	124698	20.0	20.4	
71 1,3-Dichloropropane	76	5.940	5.940	0.000	91	163735	20.0	20.2	
72 2-Hexanone	43	5.998	5.998	0.000	96	2230944	250.0	264.6	
73 Chlorodibromomethane	129	6.091	6.091	0.000	90	88378	20.0	18.4	
S 74 1,2-Dichloroethene, Total	100				0			39.9	
75 Ethylene Dibromide	107	6.162	6.162	0.000	99	104678	20.0	19.7	
* 76 Chlorobenzene-d5 (IS)	117	6.481	6.481	0.000	85	846387	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	95	317835	20.0	20.2	
78 1-Chlorohexane	91	6.509	6.509	0.000	96	154909	20.0	19.9	
79 1,1,1,2-Tetrachloroethane	131	6.571	6.571	0.000	93	122055	20.0	19.9	
80 Ethylbenzene	91	6.574	6.574	0.000	98	598767	20.0	20.4	
81 m-Xylene & p-Xylene	106	6.661	6.661	0.000	99	462638	40.0	40.4	
82 o-Xylene	106	6.895	6.895	0.000	97	246458	20.0	20.2	
83 Styrene	104	6.908	6.908	0.000	95	362430	20.0	20.3	
84 Bromoform	173	7.011	7.011	0.000	95	62254	20.0	18.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.120	7.120	0.000	96	682984	20.0	23.5	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	86	463818	50.0	51.0	
87 Bromobenzene	156	7.294	7.294	0.000	94	137433	20.0	20.4	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	94	205791	20.0	20.7	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	94	236941	100.0	79.6	
90 1,2,3-Trichloropropane	110	7.333	7.333	0.000	85	67019	20.0	20.3	
91 N-Propylbenzene	91	7.362	7.362	0.000	99	746967	20.0	21.3	
92 2-Chlorotoluene	126	7.407	7.407	0.000	97	148667	20.0	20.2	
93 1,3,5-Trimethylbenzene	105	7.468	7.468	0.000	95	544201	20.0	20.7	
94 4-Chlorotoluene	126	7.477	7.477	0.000	99	144309	20.0	20.7	
95 tert-Butylbenzene	134	7.641	7.641	0.000	93	105452	20.0	19.9	
96 1,2,4-Trimethylbenzene	105	7.673	7.673	0.000	97	542841	20.0	20.5	
97 sec-Butylbenzene	105	7.763	7.763	0.000	94	652133	20.0	20.8	
98 1,3-Dichlorobenzene	146	7.821	7.821	0.000	97	266967	20.0	20.2	
99 4-Isopropyltoluene	119	7.847	7.847	0.000	97	576739	20.0	21.0	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	96	512132	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	95	274537	20.0	20.7	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	99	554611	20.0	20.1	
103 Benzyl chloride	91	7.940	7.940	0.000	99	372080	20.0	19.0	
104 1,3-Diethylbenzene	119	7.998	7.998	0.000	94	324987	20.0	20.6	
105 p-Diethylbenzene	119	8.050	8.050	0.000	93	342211	20.0	20.7	
106 n-Butylbenzene	92	8.062	8.062	0.000	98	272075	20.0	20.7	
107 1,2-Dichlorobenzene	146	8.066	8.066	0.000	98	277861	20.0	20.5	
108 o-diethylbenzene	119	8.101	8.101	0.000	95	263968	20.0	19.7	
109 1,2-Dibromo-3-Chloropropane	75	8.474	8.474	0.000	84	68868	20.0	19.2	
110 1,3,5-Trichlorobenzene	180	8.567	8.567	0.000	97	202054	20.0	21.1	
111 1,2,4-Trichlorobenzene	180	8.886	8.886	0.000	95	207394	20.0	21.6	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	99	69019	20.0	21.4	
113 Naphthalene	128	9.014	9.014	0.000	97	931828	20.0	22.8	
114 1,2,3-Trichlorobenzene	180	9.127	9.127	0.000	96	217535	20.0	22.7	
115 2-Methylnaphthalene	142	9.570	9.570	0.000	92	549375	20.0	25.9	
S 139 1,3-Dichloropropene, Total	100				0			37.0	
S 140 Xylenes, Total	106				0			60.6	
S 141 Total Diethylbenzene	1				0			60.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00215	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00223	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00221	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00245	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

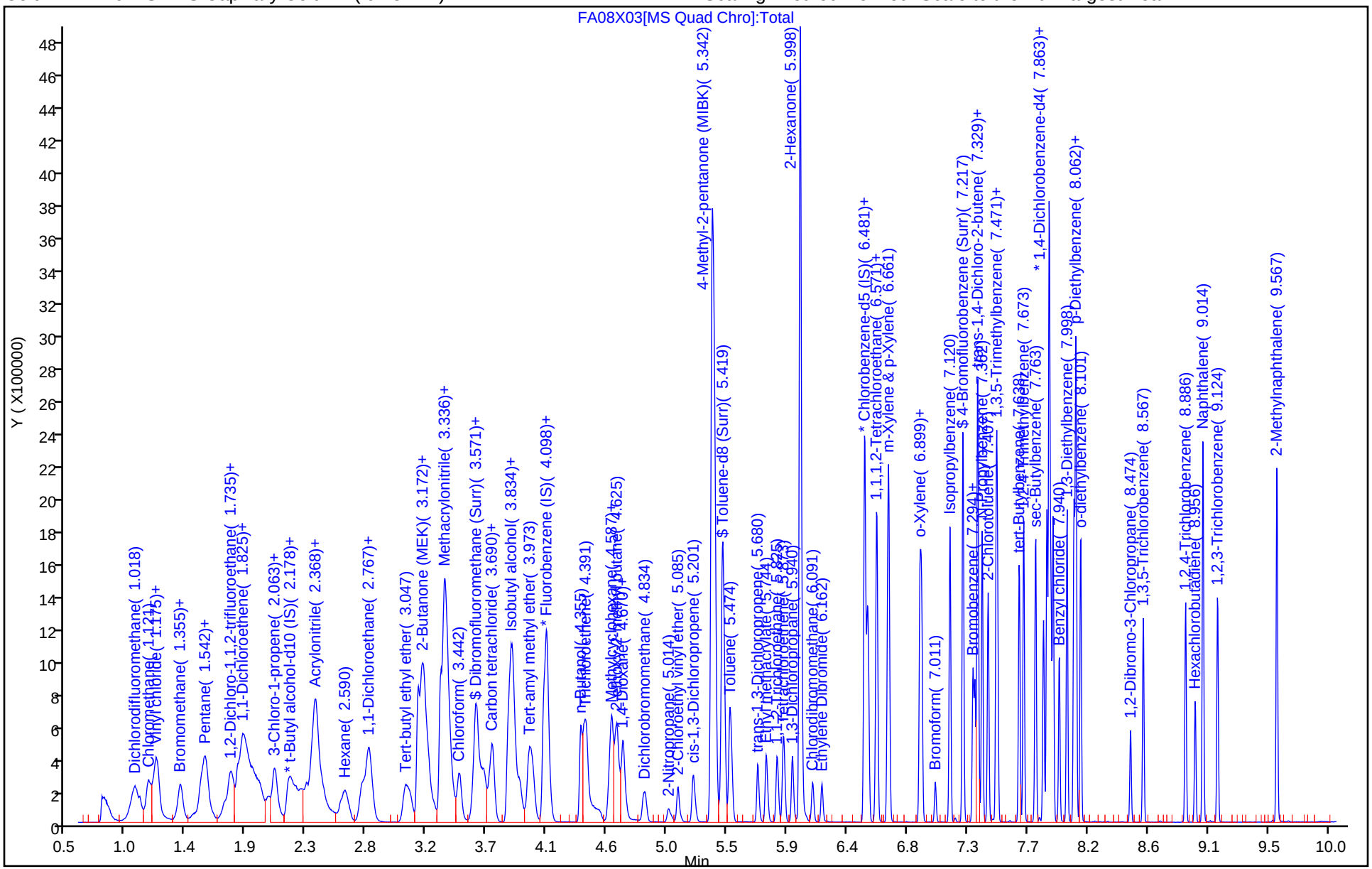
Report Date: 08-Apr-2025 11:53:18 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X03.D

Injection Date:	08-Apr-2025 10:57:56	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	53
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\20250408-143360.b\FA08X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Apr-2025 10:57:56 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-004
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 11:53:18 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 11:49:49

Compound	Amount Added	Amount Recovered	% Rec.
$ 40 Dibromofluoromethane (Surr)	50.0	48.5	96.98
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.41
$ 65 Toluene-d8 (Surr)	50.0	50.3	100.60
$ 86 4-Bromofluorobenzene (Surr)	50.0	51.0	101.95

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

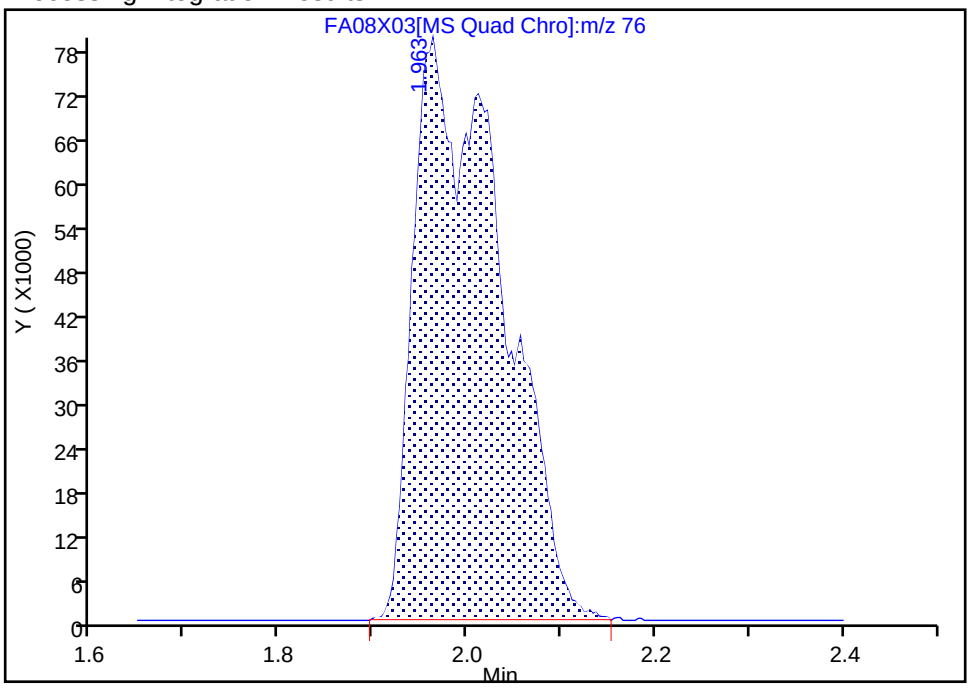
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X03.D
Injection Date: 08-Apr-2025 10:57:56 Instrument ID: 15830
Lims ID: LCS
Client ID:
Operator ID: knk41612 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

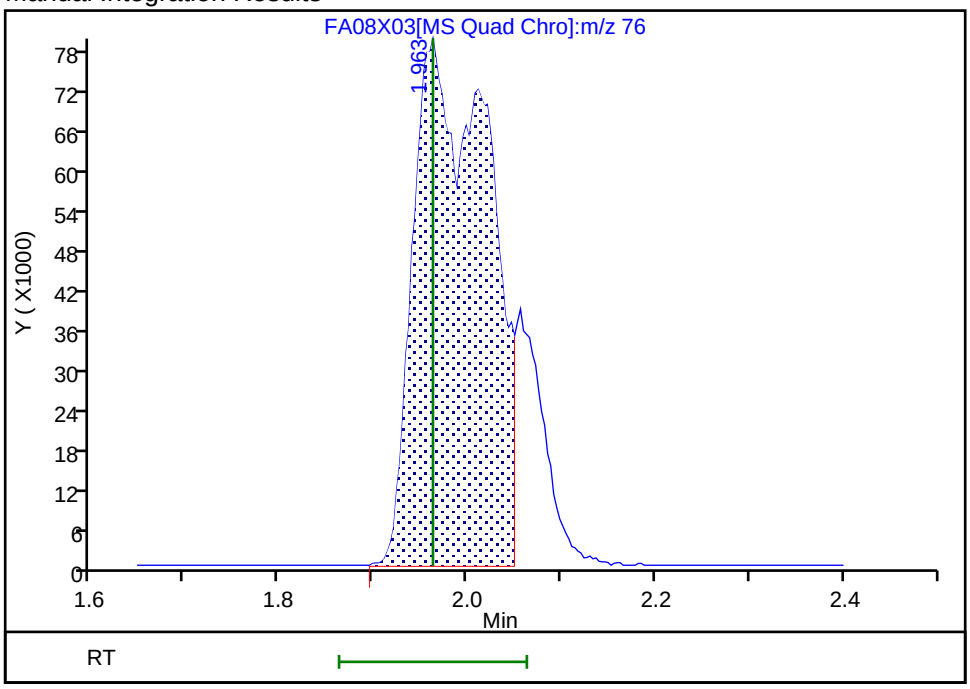
Processing Integration Results

RT: 1.96
Area: 520874
Amount: 23.215781
Amount Units: ug/l



Manual Integration Results

RT: 1.96
Area: 443039
Amount: 19.746611
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:48:40 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

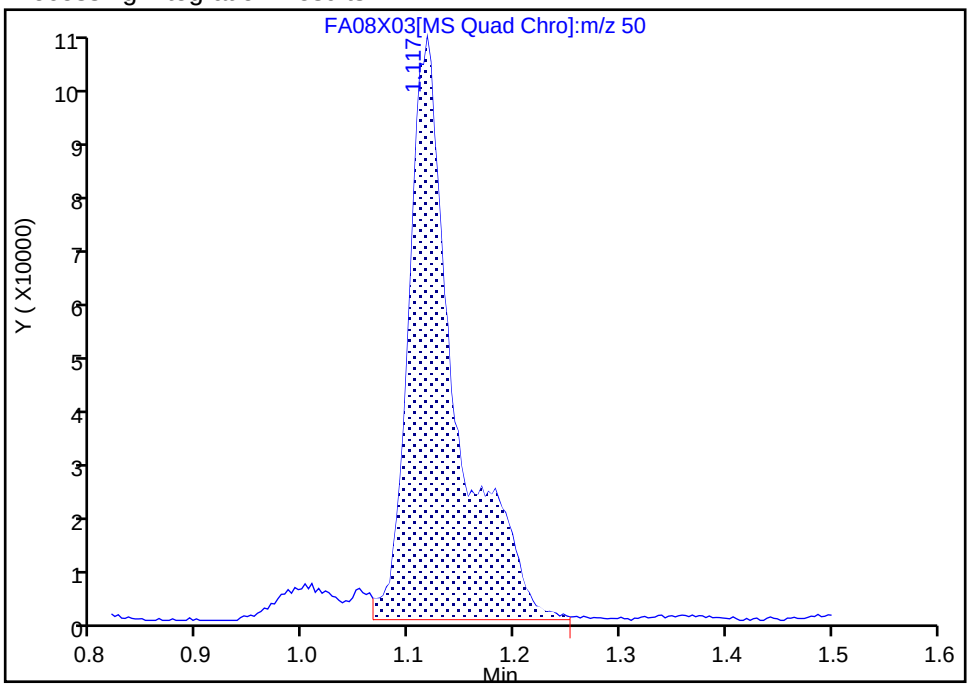
Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X03.D				
Injection Date:	08-Apr-2025 10:57:56	Instrument ID:	15830		
Lims ID:	LCS				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

2 Chloromethane, CAS: 74-87-3

Signal: 1

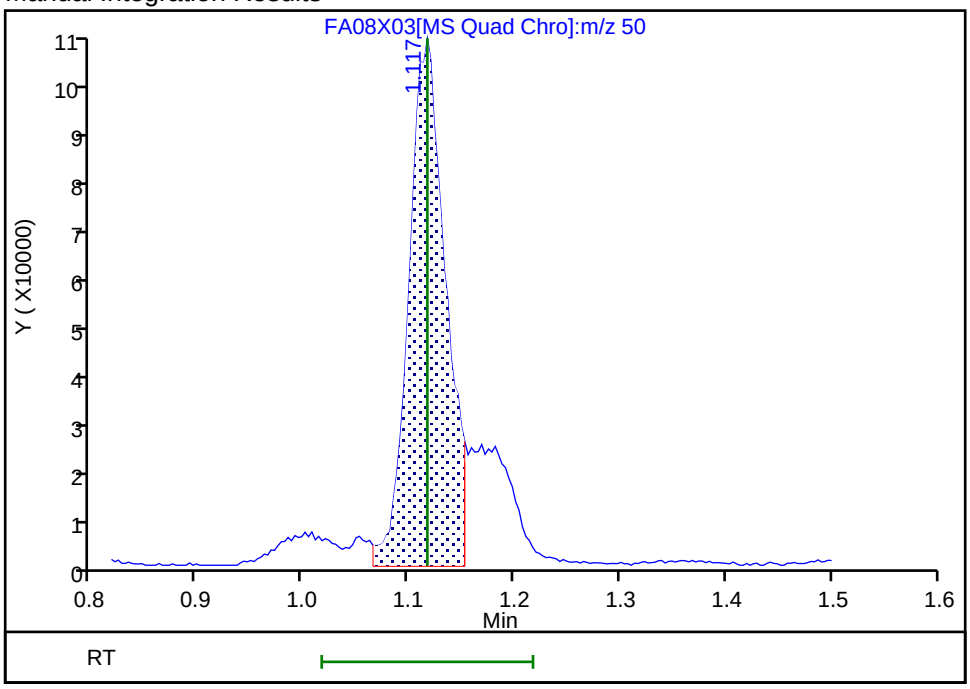
Processing Integration Results

RT: 1.12
Area: 311231
Amount: 25.496534
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 244063
Amount: 19.994026
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:48:16 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-627642/5

Matrix: Water
Lab File ID: FA08X04.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 11:17

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.: 627642
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	19.9		1.0	0.30
71-55-6	1,1,1-Trichloroethane	19.9		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.3		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.0		1.0	0.30
75-34-3	1,1-Dichloroethane	20.1		1.0	0.30
75-35-4	1,1-Dichloroethene	22.7		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.7		1.0	0.20
107-06-2	1,2-Dichloroethane	19.7		1.0	0.30
78-87-5	1,2-Dichloropropane	19.6		1.0	0.30
78-93-3	2-Butanone (MEK)	258		10	0.50
591-78-6	2-Hexanone	255		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	248		10	0.50
67-64-1	Acetone	258		20	0.70
71-43-2	Benzene	19.8		1.0	0.30
74-97-5	Bromochloromethane	19.1		5.0	0.20
75-27-4	Bromodichloromethane	18.8		1.0	0.20
75-25-2	Bromoform	17.6		4.0	1.0
74-83-9	Bromomethane	18.5		1.0	0.30
75-15-0	Carbon disulfide	19.0		5.0	0.30
56-23-5	Carbon tetrachloride	18.6		1.0	0.30
108-90-7	Chlorobenzene	19.7		1.0	0.30
75-00-3	Chloroethane	18.9		1.0	0.30
67-66-3	Chloroform	19.3		1.0	0.30
74-87-3	Chloromethane	20.2		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.2		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.5		1.0	0.20
124-48-1	Dibromochloromethane	17.8		1.0	0.20
100-41-4	Ethylbenzene	20.3		1.0	0.40
1634-04-4	Methyl tert-butyl ether	19.0		1.0	0.20
75-09-2	Methylene Chloride	20.3		1.0	0.30
100-42-5	Styrene	20.2		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 Environment Testing, LLC
Job No.: 410-214588-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-627642/5

Matrix: Water
Lab File ID: FA08X04.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 04/08/2025 11:17

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.: 627642
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	19.7		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.1		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.20
79-01-6	Trichloroethene	19.8		1.0	0.30
75-01-4	Vinyl chloride	19.4		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)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		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\15830\20250408-143360.b\FA08X04.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Apr-2025 11:17:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-005
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 11:53:20 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 11:51:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.011	0.000	98	219318	20.0	20.9	
2 Chloromethane	50	1.124	1.124	0.000	99	237797	20.0	20.2	M
4 Vinyl chloride	62	1.178	1.178	0.000	98	199233	20.0	19.4	
3 Butadiene	39	1.188	1.188	0.000	92	272274	20.0	22.7	
5 Bromomethane	94	1.365	1.365	0.000	91	134422	20.0	18.5	
6 Chloroethane	64	1.375	1.375	0.000	88	114439	20.0	18.9	
7 Pentane	43	1.519	1.519	0.000	97	204155	20.0	19.4	
8 Dichlorofluoromethane	67	1.548	1.548	0.000	97	330617	20.0	19.0	
9 Trichlorofluoromethane	101	1.564	1.564	0.000	98	251466	20.0	19.0	M
10 1,2-Dichloro-1,1,2-trifluoroetha	67	1.738	1.738	0.000	79	170925	20.0	19.0	
11 Acrolein	56	1.744	1.744	0.000	99	408011	146.4	163.2	
12 1,1-Dichloroethene	96	1.805	1.805	0.000	98	142312	20.0	22.7	
13 Acetone	58	1.841	1.841	0.000	100	363264	250.0	257.6	
14 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.860	1.860	0.000	91	143399	20.0	19.6	
15 Iodomethane	142	1.931	1.931	0.000	98	245301	20.0	19.0	
16 Isopropyl alcohol	45	1.950	1.950	0.000	95	153697	150.0	126.6	
17 Carbon disulfide	76	2.014	2.014	0.000	99	412747	20.0	19.0	M
18 3-Chloro-1-propene	41	2.069	2.069	0.000	87	190455	20.0	17.1	
19 Methyl acetate	43	2.069	2.069	0.000	49	189600	20.0	19.3	M
20 Methylene Chloride	84	2.178	2.178	0.000	94	155228	20.0	20.3	
* 21 t-Butyl alcohol-d10 (IS)	65	2.207	2.207	0.000	78	769663	250.0	250.0	
22 2-Methyl-2-propanol	59	2.278	2.278	0.000	92	599212	200.0	196.8	
23 Acrylonitrile	53	2.349	2.349	0.000	100	525233	100.0	97.1	
24 trans-1,2-Dichloroethene	96	2.378	2.378	0.000	99	142980	20.0	20.1	
25 Methyl tert-butyl ether	73	2.404	2.404	0.000	90	440506	20.0	19.0	
26 Hexane	57	2.593	2.593	0.000	93	158236	20.0	19.3	
27 1,1-Dichloroethane	63	2.715	2.715	0.000	96	249048	20.0	20.1	
28 Isopropyl ether	45	2.767	2.767	0.000	93	372639	20.0	18.3	
29 2-Chloro-1,3-butadiene	53	2.773	2.773	0.000	93	197471	20.0	17.9	
30 Tert-butyl ethyl ether	59	3.050	3.050	0.000	97	420379	20.0	18.6	
31 2-Butanone (MEK)	43	3.140	3.140	0.000	100	1719690	250.0	257.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 cis-1,2-Dichloroethene	96	3.172	3.172	0.000	80	157643	20.0	19.2	
33 2,2-Dichloropropane	77	3.188	3.188	0.000	87	226422	20.0	19.4	
34 Propionitrile	54	3.223	3.223	0.000	96	375665	150.0	165.7	M
35 Methacrylonitrile	67	3.339	3.339	0.000	94	683780	150.0	152.7	M
36 Chlorobromomethane	128	3.355	3.355	0.000	94	74995	20.0	19.1	
37 Tetrahydrofuran	71	3.368	3.368	0.000	79	207864	100.0	102.3	
39 Chloroform	83	3.449	3.449	0.000	94	238249	20.0	19.3	
$ 40 Dibromofluoromethane (Surr)	113	3.571	3.571	0.000	93	346217	50.0	48.6	
41 1,1,1-Trichloroethane	97	3.574	3.574	0.000	97	223881	20.0	19.9	
42 Cyclohexane	56	3.632	3.632	0.000	90	238237	20.0	18.7	
44 Carbon tetrachloride	117	3.690	3.690	0.000	76	167474	20.0	18.6	
43 1,1-Dichloropropene	75	3.693	3.693	0.000	96	179499	20.0	19.5	
45 Isobutyl alcohol	41	3.812	3.812	0.000	95	346785	500.0	465.3	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.838	3.838	0.000	91	86793	50.0	50.8	
47 Benzene	78	3.850	3.850	0.000	95	521771	20.0	19.8	
48 1,2-Dichloroethane	62	3.899	3.899	0.000	97	175008	20.0	19.7	
49 Tert-amyl methyl ether	73	3.973	3.973	0.000	97	408722	20.0	18.6	
* 50 Fluorobenzene (IS)	96	4.101	4.101	0.000	99	1267066	50.0	50.0	
51 n-Heptane	43	4.111	4.111	0.000	93	122343	20.0	19.1	
52 n-Butanol	56	4.355	4.355	0.000	89	614718	1000.0	979.5	
53 Trichloroethene	95	4.387	4.387	0.000	98	130329	20.0	19.8	
54 Methylcyclohexane	83	4.584	4.584	0.000	91	231489	20.0	18.5	
55 1,2-Dichloropropane	63	4.600	4.600	0.000	96	118580	20.0	19.6	
56 2-ethoxy-2-methyl butane	87	4.629	4.629	0.000	94	204623	20.0	18.5	
57 1,4-Dioxane	88	4.661	4.661	0.000	85	80931	500.0	512.3	M
58 Methyl methacrylate	69	4.674	4.674	0.000	88	97961	20.0	17.8	
59 Dibromomethane	93	4.674	4.674	0.000	92	82701	20.0	19.9	
60 Dichlorobromomethane	83	4.834	4.834	0.000	99	134418	20.0	18.8	
61 2-Nitropropane	41	5.011	5.011	0.000	97	36892	20.0	16.3	
62 2-Chloroethyl vinyl ether	63	5.085	5.085	0.000	93	72533	20.0	18.8	
63 cis-1,3-Dichloropropene	75	5.198	5.198	0.000	95	145805	20.0	17.5	
64 4-Methyl-2-pentanone (MIBK)	43	5.346	5.346	0.000	96	2871484	250.0	248.5	
$ 65 Toluene-d8 (Surr)	98	5.419	5.419	0.000	94	1088468	50.0	50.4	
66 Toluene	92	5.474	5.474	0.000	98	276193	20.0	19.7	
67 trans-1,3-Dichloropropene	75	5.680	5.680	0.000	94	127642	20.0	18.3	
68 Ethyl methacrylate	69	5.744	5.744	0.000	89	160760	20.0	18.7	
69 1,1,2-Trichloroethane	97	5.828	5.828	0.000	91	93083	20.0	20.0	
70 Tetrachloroethene	166	5.873	5.873	0.000	95	116071	20.0	19.8	
71 1,3-Dichloropropane	76	5.940	5.940	0.000	91	152311	20.0	19.6	
72 2-Hexanone	43	5.998	5.998	0.000	96	2064774	250.0	255.1	
73 Chlorodibromomethane	129	6.091	6.091	0.000	90	82363	20.0	17.8	
S 74 1,2-Dichloroethene, Total	100				0			39.2	
75 Ethylene Dibromide	107	6.162	6.162	0.000	99	100653	20.0	19.7	
* 76 Chlorobenzene-d5 (IS)	117	6.484	6.484	0.000	85	812472	50.0	50.0	
77 Chlorobenzene	112	6.500	6.500	0.000	96	297072	20.0	19.7	
78 1-Chlorohexane	91	6.509	6.509	0.000	96	145593	20.0	19.5	
79 1,1,1,2-Tetrachloroethane	131	6.571	6.571	0.000	94	117109	20.0	19.9	
80 Ethylbenzene	91	6.574	6.574	0.000	98	570240	20.0	20.3	
81 m-Xylene & p-Xylene	106	6.661	6.661	0.000	99	439976	40.0	40.0	
82 o-Xylene	106	6.899	6.899	0.000	97	235545	20.0	20.2	
83 Styrene	104	6.908	6.908	0.000	95	345771	20.0	20.2	
84 Bromoform	173	7.011	7.011	0.000	95	57409	20.0	17.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.120	7.120	0.000	96	649597	20.0	23.3	
$ 86 4-Bromofluorobenzene (Surr)	95	7.217	7.217	0.000	87	441045	50.0	50.5	
87 Bromobenzene	156	7.294	7.294	0.000	94	129470	20.0	19.5	
88 1,1,2,2-Tetrachloroethane	83	7.307	7.307	0.000	94	198405	20.0	20.3	
89 trans-1,4-Dichloro-2-butene	53	7.326	7.326	0.000	90	228184	100.0	78.0	
90 1,2,3-Trichloropropane	110	7.333	7.333	0.000	81	62799	20.0	19.4	
91 N-Propylbenzene	91	7.362	7.362	0.000	99	714022	20.0	20.8	
92 2-Chlorotoluene	126	7.407	7.407	0.000	97	142618	20.0	19.7	
93 1,3,5-Trimethylbenzene	105	7.468	7.468	0.000	94	521529	20.0	20.2	
94 4-Chlorotoluene	126	7.477	7.477	0.000	99	134697	20.0	19.7	
95 tert-Butylbenzene	134	7.641	7.641	0.000	93	100188	20.0	19.2	
96 1,2,4-Trimethylbenzene	105	7.673	7.673	0.000	97	523198	20.0	20.1	
97 sec-Butylbenzene	105	7.763	7.763	0.000	94	619839	20.0	20.1	
98 1,3-Dichlorobenzene	146	7.821	7.821	0.000	97	250940	20.0	19.3	
99 4-Isopropyltoluene	119	7.847	7.847	0.000	97	536815	20.0	19.9	
* 100 1,4-Dichlorobenzene-d4	152	7.863	7.863	0.000	95	503550	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.876	7.876	0.000	94	253930	20.0	19.4	
102 1,2,3-Trimethylbenzene	105	7.892	7.892	0.000	99	522108	20.0	19.2	
103 Benzyl chloride	91	7.940	7.940	0.000	99	347030	20.0	18.0	
104 1,3-Diethylbenzene	119	7.998	7.998	0.000	95	312384	20.0	20.1	
105 p-Diethylbenzene	119	8.050	8.050	0.000	93	319960	20.0	19.6	
106 n-Butylbenzene	92	8.062	8.062	0.000	98	258096	20.0	20.0	
107 1,2-Dichlorobenzene	146	8.066	8.066	0.000	97	265371	20.0	19.9	
108 o-diethylbenzene	119	8.101	8.101	0.000	95	249002	20.0	18.9	
109 1,2-Dibromo-3-Chloropropane	75	8.474	8.474	0.000	83	62913	20.0	17.9	
110 1,3,5-Trichlorobenzene	180	8.570	8.570	0.000	97	183427	20.0	19.5	
111 1,2,4-Trichlorobenzene	180	8.886	8.886	0.000	95	191975	20.0	20.3	
112 Hexachlorobutadiene	225	8.956	8.956	0.000	98	62523	20.0	19.7	
113 Naphthalene	128	9.014	9.014	0.000	97	866965	20.0	21.6	
114 1,2,3-Trichlorobenzene	180	9.124	9.124	0.000	96	199775	20.0	21.2	
115 2-Methylnaphthalene	142	9.567	9.567	0.000	93	502886	20.0	24.1	
S 139 1,3-Dichloropropene, Total	100				0			35.8	
S 140 Xylenes, Total	106				0			60.2	
S 141 Total Diethylbenzene	1				0			58.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00215	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00223	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00221	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00245	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

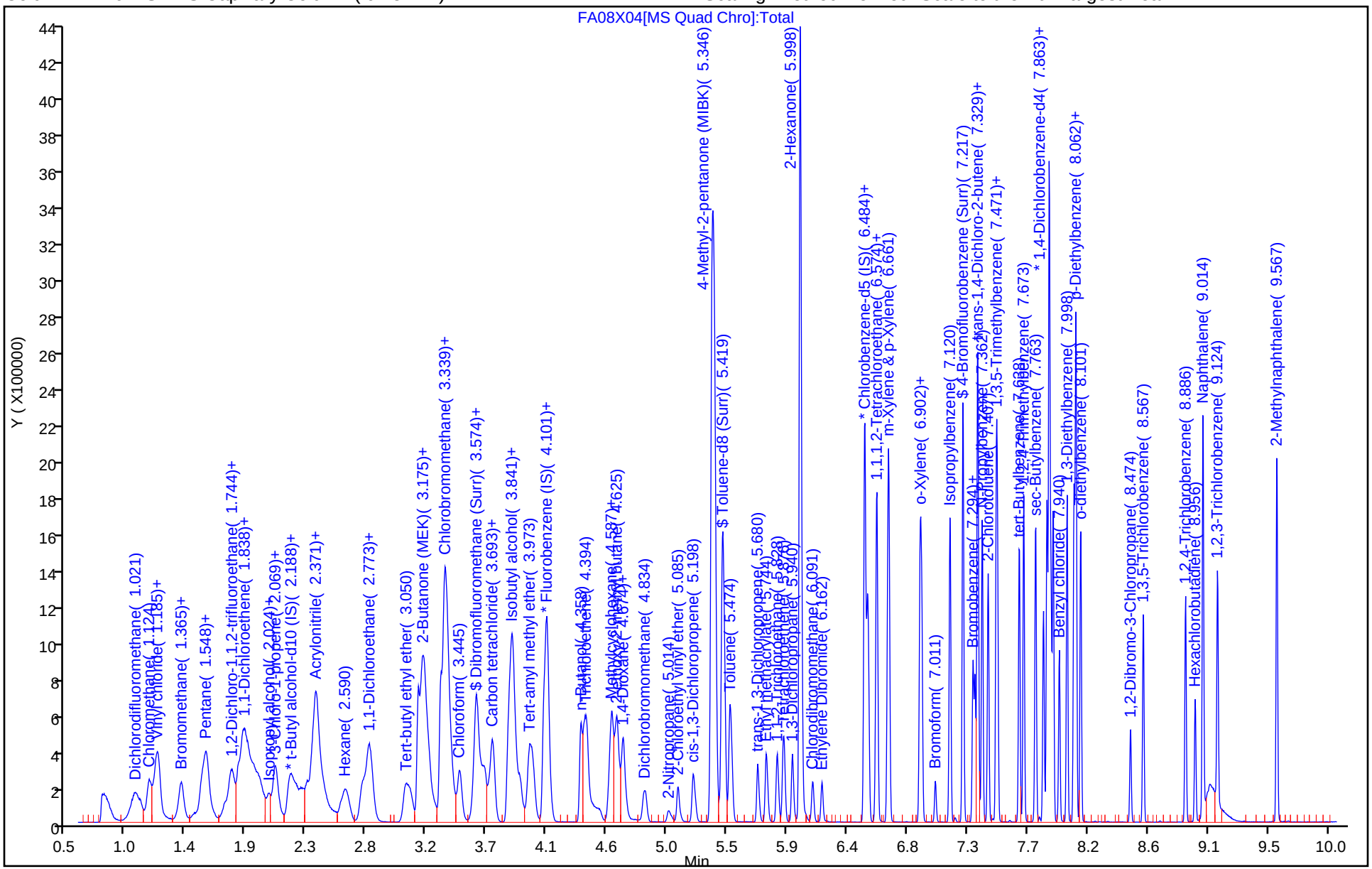
Report Date: 08-Apr-2025 11:53:21 Chrom Revision: 2.3 21-Mar-2025 14:03:38

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X04.D

Injection Date:	08-Apr-2025 11:17:30	Instrument ID:	15830	Operator ID:	knk41612
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	54
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\20250408-143360.b\FA08X04.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Apr-2025 11:17:30 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0143360-005
Operator ID: knk41612 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 08-Apr-2025 11:53:20 Calib Date: 07-Apr-2025 17:19:49
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20250407-143206.b\FA07X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: DVW2 Date: 08-Apr-2025 11:51:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 40 Dibromofluoromethane (Surr)	50.0	48.6	97.15
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	50.8	101.60
$ 65 Toluene-d8 (Surr)	50.0	50.4	100.84
$ 86 4-Bromofluorobenzene (Surr)	50.0	50.5	100.99

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

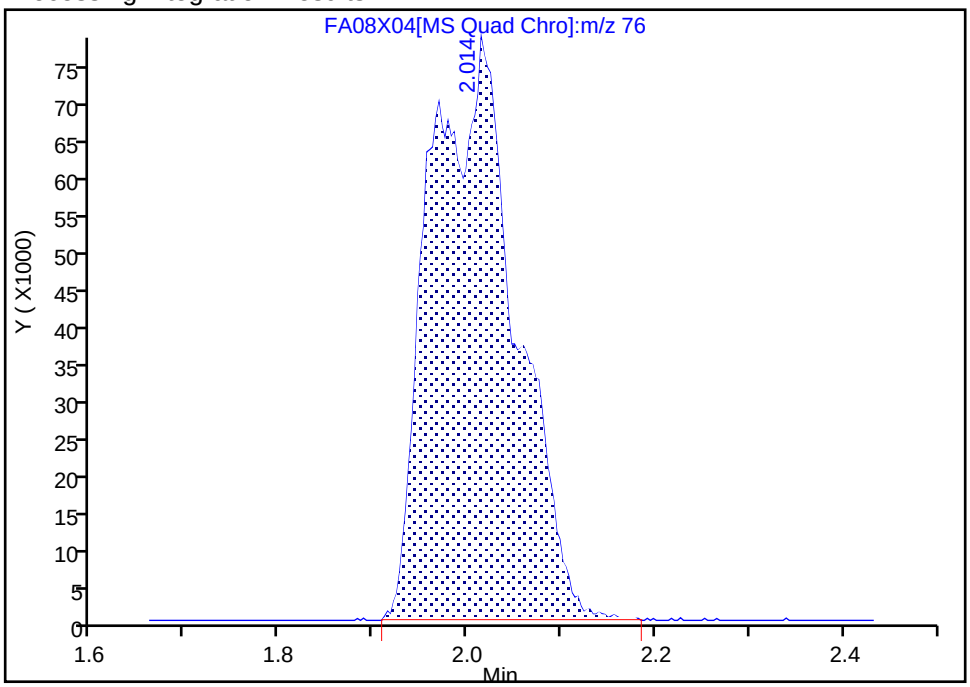
Data File:	\\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X04.D				
Injection Date:	08-Apr-2025 11:17:30	Instrument ID:	15830		
Lims ID:	LCSD				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	54	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

17 Carbon disulfide, CAS: 75-15-0

Signal: 1

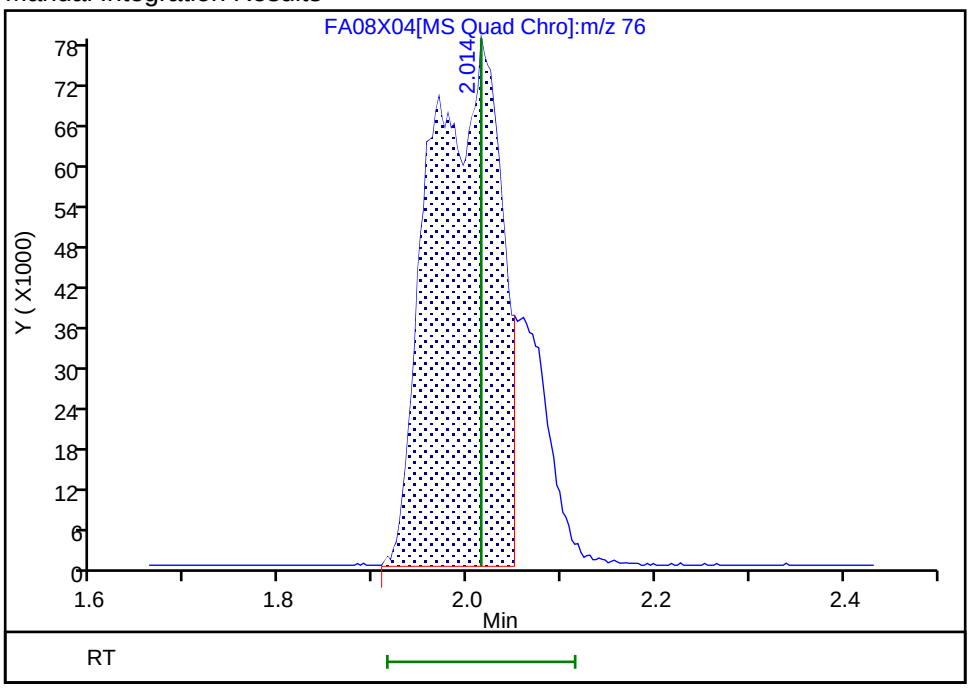
Processing Integration Results

RT: 2.01
Area: 500654
Amount: 23.094612
Amount Units: ug/l



Manual Integration Results

RT: 2.01
Area: 412747
Amount: 19.039560
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:50:55 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

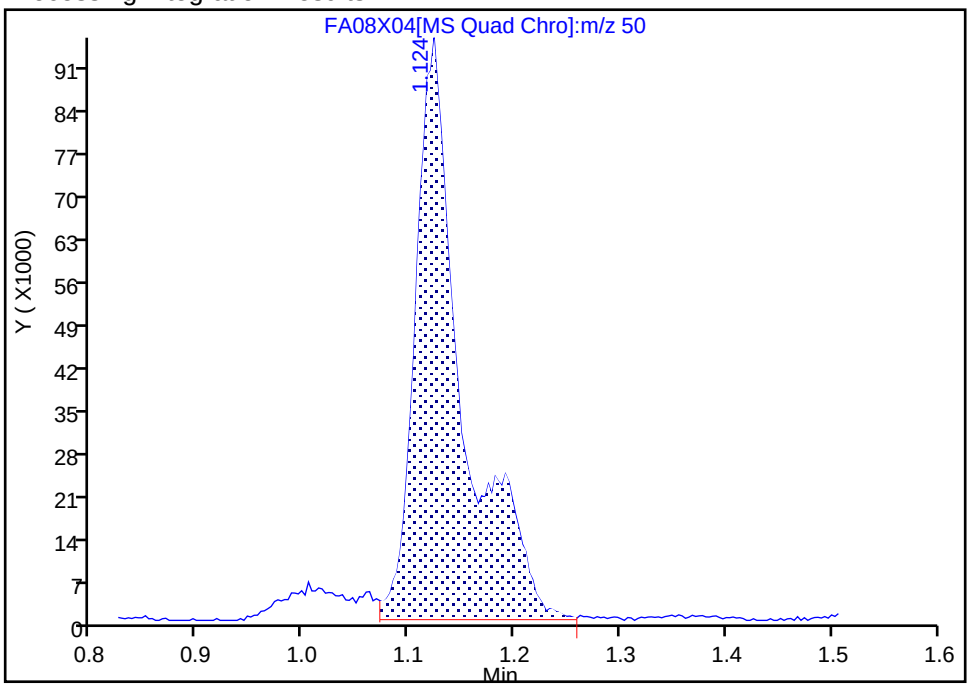
Data File: \\chromfs\Lancaster\ChromData\15830\20250408-143360.b\FA08X04.D
Injection Date: 08-Apr-2025 11:17:30 Instrument ID: 15830
Lims ID: LCSD
Client ID:
Operator ID: knk41612 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

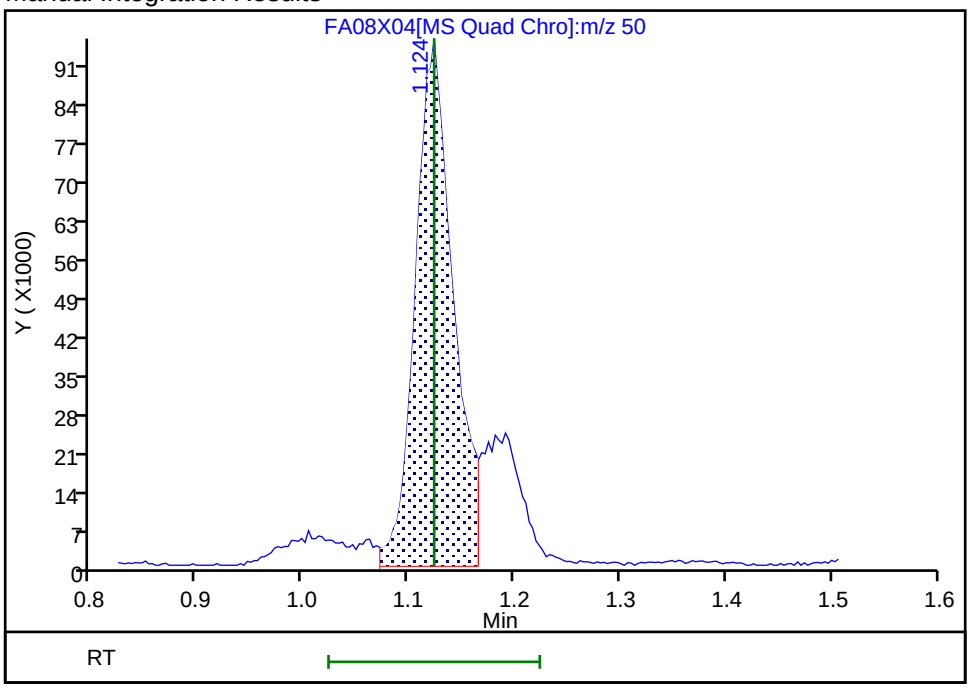
Processing Integration Results

RT: 1.12
Area: 298005
Amount: 25.266450
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 237797
Amount: 20.161695
Amount Units: ug/l



Reviewer: DVW2, 08-Apr-2025 11:50:00 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830

Start Date: 04/07/2025 14:11

Analysis Batch Number: 627062

End Date: 04/07/2025 17:58

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-627062/1		04/07/2025 14:11	1	FA07T01.D	R-624SilMS 30m 0.25(mm)
IC 410-627062/4		04/07/2025 15:24	1	FA07X03.D	R-624SilMS 30m 0.25(mm)
IC 410-627062/5		04/07/2025 15:43	1	FA07X04.D	R-624SilMS 30m 0.25(mm)
IC 410-627062/6		04/07/2025 16:02	1	FA07X05.D	R-624SilMS 30m 0.25(mm)
IC 410-627062/7		04/07/2025 16:22	1	FA07X06.D	R-624SilMS 30m 0.25(mm)
ICIS 410-627062/8		04/07/2025 16:41	1	FA07X07.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-627062/1008		04/07/2025 16:41	1		R-624SilMS 30m 0.25(mm)
IC 410-627062/9		04/07/2025 17:00	1	FA07X08.D	R-624SilMS 30m 0.25(mm)
IC 410-627062/10		04/07/2025 17:19	1	FA07X09.D	R-624SilMS 30m 0.25(mm)
ICV 410-627062/12		04/07/2025 17:58	1	FA07X11.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		04/07/2025 17:58	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-214588-1

SDG No.:

Instrument ID: 15830 Start Date: 04/08/2025 10:06

Analysis Batch Number: 627642 End Date: 04/08/2025 18:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-627642/1		04/08/2025 10:06	1	FA08T01.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-627642/3		04/08/2025 10:38	1	FA08X02.D	R-624SilMS 30m 0.25(mm)
LCS 410-627642/4		04/08/2025 10:57	1	FA08X03.D	R-624SilMS 30m 0.25(mm)
LCSD 410-627642/5		04/08/2025 11:17	1	FA08X04.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		04/08/2025 11:36	1		R-624SilMS 30m 0.25(mm)
MB 410-627642/8		04/08/2025 12:15	1	FA08X07.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 12:34	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 12:54	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 13:13	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 13:33	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 13:52	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 14:11	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 14:31	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 14:50	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 15:10	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 15:29	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 15:48	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 16:08	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 16:27	1		R-624SilMS 30m 0.25(mm)
410-214588-1	HD-MW-166-0/1-0	04/08/2025 16:47	1	FA08X21.D	R-624SilMS 30m 0.25(mm)
410-214588-2	HD-MW-167-0/1-0	04/08/2025 17:06	1	FA08X22.D	R-624SilMS 30m 0.25(mm)
410-214588-3	HD-MW-168-0/1-0	04/08/2025 17:25	1	FA08X23.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 17:45	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 18:04	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 18:23	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		04/08/2025 18:43	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-214588-1

SDG No.:

Batch Number: 627062 | Batch Start Date: 04/07/25 14:11 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppb 00012	MSV_CCV_2CEVE 00222	MSV_CCV_GASES 01005
BFB 410-627062/1		8260D			1 uL	1 uL				
IC 410-627062/4		8260D			5 mL	5 mL	2788	12.5 mL		
IC 410-627062/5		8260D			5 mL	5 mL	2788		4 uL	2 uL
IC 410-627062/6		8260D			5 mL	5 mL	2788		2 uL	1 uL
IC 410-627062/7		8260D			5 mL	5 mL	2788		4 uL	2 uL
ICIS 410-627062/8		8260D			5 mL	5 mL	2788		5 uL	2.5 uL
IC 410-627062/9		8260D			5 mL	5 mL	2788		5 uL	2.5 uL
IC 410-627062/10		8260D			5 mL	5 mL	2788		15 uL	7.5 uL
ICV 410-627062/12		8260D			5 mL	5 mL	2788			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_VOC#1 00230	MSV_CCV_VOC#3 00231	MSV_Cent_ISSS 00032	MSV_LCS_2CEVE 00223	MSV_LCS_ACROL 00221	MSV_LCS_Gases 00245
BFB 410-627062/1		8260D								
IC 410-627062/4		8260D					5 uL			
IC 410-627062/5		8260D			4 uL	3.2 uL	5 uL			
IC 410-627062/6		8260D			2 uL	1.6 uL	5 uL			
IC 410-627062/7		8260D			4 uL	3.2 uL	5 uL			
ICIS 410-627062/8		8260D			5 uL	4 uL	5 uL			
IC 410-627062/9		8260D			5 uL	4 uL	5 uL			
IC 410-627062/10		8260D			15 uL	12 uL	5 uL			
ICV 410-627062/12		8260D					5 uL	50 uL	50 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00215	MSV_V_BFB 00018				
BFB 410-627062/1		8260D				1 uL				
IC 410-627062/4		8260D								
IC 410-627062/5		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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-214588-1

SDG No.:

Batch Number: 627062 | Batch Start Date: 04/07/25 14:11 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_VOC#1 00215	MSV_V_BFB 00018				
IC 410-627062/6		8260D								
IC 410-627062/7		8260D								
ICIS 410-627062/8		8260D								
IC 410-627062/9		8260D								
IC 410-627062/10		8260D								
ICV 410-627062/12		8260D			50 uL					

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.: 410-214588-1

SDG No.:

Batch Number: 627642 | Batch Start Date: 04/08/25 10:06 | Batch Analyst: Kephart, Kayla

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCheck	Headspace	Lot#Vial
BFB 410-627642/1		8260D			1 uL	1 uL				
CCVIS 410-627642/3		8260D			5 mL	5 mL				2788
LCS 410-627642/4		8260D			5 mL	5 mL				2788
LCSD 410-627642/5		8260D			5 mL	5 mL				2788
MB 410-627642/8		8260D			5 mL	5 mL				2788
410-214588-A-1	HD-MW-166-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-214588-A-2	HD-MW-167-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-214588-A-3	HD-MW-168-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00222	MSV_CCV_GASES 00977	MSV_CCV_VOC#1 00230	MSV_CCV_VOC#3 00231	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00223
BFB 410-627642/1		8260D								
CCVIS 410-627642/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-627642/4		8260D							5 uL	50 uL
LCSD 410-627642/5		8260D							5 uL	50 uL
MB 410-627642/8		8260D							5 uL	
410-214588-A-1	HD-MW-166-0/1-0	8260D	Water	T					5 uL	
410-214588-A-2	HD-MW-167-0/1-0	8260D	Water	T					5 uL	
410-214588-A-3	HD-MW-168-0/1-0	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00221	MSV_LCS_Gases 00245	MSV_LCS_VOC#1 00215	MSV_V_BFB 00018		
BFB 410-627642/1		8260D						1 uL		
CCVIS 410-627642/3		8260D								
LCS 410-627642/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-627642/5		8260D			50 uL	50 uL	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.: 410-214588-1

SDG No.:

Batch Number: 627642 | Batch Start Date: 04/08/25 10:06 | Batch Analyst: Kephart, Kayla

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00221	MSV_LCS_Gases 00245	MSV_LCS_VOC#1 00215	MSV_V_BFB 00018		
MB 410-627642/8		8260D								
410-214588-A-1	HD-MW-166-0/1-0	8260D	Water	T						
410-214588-A-2	HD-MW-167-0/1-0	8260D	Water	T						
410-214588-A-3	HD-MW-168-0/1-0	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.

Shipping and Receiving Documents

410-214588 Chain of Custody

Environmental Analysis Request/Chain of Custody

Environmental

Acct. # _____ Group # _____ Sample # _____

Client: Groundwater Sciences Corporation			
Project Name/#: SPBA Quarterly Sampling Event	Site ID #: fYNOP, York PA		
Project Manager: Chris O'Neil	P.O. #: 10012.53		
Sampler: Casey Littlefield (GSC)	PWSID #: N/A		
Phone #: (717) 901-8176 / (717) 756-1246	Quote #:		
State where samples were collected: York, PA	For Compliance: Yes ☐ No ☑		

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil ☐ Sediment ☐ Tissue	Water ☑ Ground ☐ Potable ☐ Surface ☐ NPDES	Other:	Total # of Containers	Analyses Requested: Aqueous VOCs via 8260D (standard level)	Preservation Codes: H	For Lab Use Only: Remarks
HD-MW-166-0/1-0	3/27/25	1345	X			X		3	X		All Samples
HD-MW-167-0/1-0	3/27/25	1339	X			X		3	X		preserved on ice
HD-MW-168-0/1-0	3/27/25	1335	X			X		3	X		

Preservation Codes: H = HCl; T = Thiosulfate; N = HNO_3; B = NaOH; S = H_2SO_4; P = H_3PO_4; O = Other

SF #: _____

SCR #: _____

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed: STANDARD

Rush results requested by (please check): E-Mail ☐ Phone ☐

E-mail Address: ON-FILE

Phone:

Data Package Options (please check if required)

Type I (Validation/non-CLP)	☐	MA MCP	☐
Type III (Reduced non-CLP)	☐	CT RCP	☐
Type VI (Raw Data Only)	☐	TX TRRP-13	☐
NJ DKQP	☐	NYSDEC Category	☐ A or ☐ B

EDD Required? Yes ☑ No ☐ If yes, format: _ CLP Like Deliverables, Project Specific Analyte List

Relinquished by:	Date	Time	Received by:	Date	Time
	3/28/25	1048		3/28/25	1048
	3/28/25	1600			

Relinquished by Commercial Carrier:

UPS _____ FedEx _____ Other X

Temperature upon receipt R: 3.1 C: 3.1 °C

Eurofins Lancaster Laboratories Environmental, LLC • 2425 New Holland Pike, Lancaster, PA 17601 • 717-656-2300

7045 0216

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-214588-1

Login Number: 214588

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: McDonald, Teigan

Question	Answer	Comment
The cooler's custody seal is intact.	True	
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(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, 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.	True	
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.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	