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ANALYTICAL REPORT

PREPARED FOR

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

Generated 7/14/2025 7:32 PM

JOB DESCRIPTION

SPBA Quarterly Sampling Event

JOB NUMBER

410-229797-1

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

See page two for job notes and contact information.

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

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

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
^c	CCV Recovery is outside acceptance limits.
cn	Refer to Case Narrative for further detail
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
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
410-229797-1

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 6/26/2025 4:54 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 4.1°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 410-229793.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-668460 recovered above the upper control limit for Acetone, Bromoform and Tetrachloroethene. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: Reanalysis of the following sample(s) was performed outside of the analytical holding time due to running under failing QC in the initial analysis. HD-MW-168-0/1-0 (410-229797-3)

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: 410-229797-1
Project/Site: SPBA Quarterly Sampling Event

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-229797-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.49	J	1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.48	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene - RA	0.55	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-229797-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.34	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene - RA	1.5		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3

No Detections.

This Detection Summary does not include radiochemical test results.

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

Lab Sample ID: 410-229797-1

Date Collected: 06/25/25 09:17

Matrix: Water

Date Received: 06/26/25 16:54

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			07/09/25 03:46	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 03:46	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			07/09/25 03:46	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/09/25 03:46	1
2-Hexanone	ND		10	0.85	ug/L			07/09/25 03:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/09/25 03:46	1
Acetone	ND	^c cn	20	0.70	ug/L			07/09/25 03:46	1
Benzene	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/09/25 03:46	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/09/25 03:46	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			07/09/25 03:46	1
Bromomethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/09/25 03:46	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Chloroethane	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Chloroform	**0.49**	**J**	1.0	0.30	ug/L			07/09/25 03:46	1
Chloromethane	ND		2.0	0.55	ug/L			07/09/25 03:46	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 03:46	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 03:46	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/09/25 03:46	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/09/25 03:46	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/09/25 03:46	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Styrene	ND		5.0	0.30	ug/L			07/09/25 03:46	1
Toluene	ND		1.0	0.30	ug/L			07/09/25 03:46	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/09/25 03:46	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 03:46	1
Trichloroethene	**0.48**	**J**	1.0	0.30	ug/L			07/09/25 03:46	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/09/25 03:46	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/09/25 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*07/09/25 03:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*07/09/25 03:46*	*1*
Dibromofluoromethane (Surr)	*102*		*80 - 120*		*07/09/25 03:46*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/09/25 03:46*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**0.55**	**J**	1.0	0.30	ug/L			07/09/25 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*07/09/25 23:38*	*1*

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-229797-1

Date Collected: 06/25/25 09:17
Matrix: Water
Date Received: 06/26/25 16:54

Method: SW846 8260D - Volatile Organic Compounds by GC/MS - RA (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*07/09/25 23:38*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*07/09/25 23:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/09/25 23:38*	*1*

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-229797-2

Date Collected: 06/25/25 09:10
Matrix: Water
Date Received: 06/26/25 16:54

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			07/09/25 04:08	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 04:08	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			07/09/25 04:08	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/09/25 04:08	1
2-Hexanone	ND		10	0.85	ug/L			07/09/25 04:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/09/25 04:08	1
Acetone	ND	^c cn	20	0.70	ug/L			07/09/25 04:08	1
Benzene	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/09/25 04:08	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/09/25 04:08	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			07/09/25 04:08	1
Bromomethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/09/25 04:08	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Chloroethane	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Chloroform	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Chloromethane	ND		2.0	0.55	ug/L			07/09/25 04:08	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 04:08	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 04:08	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/09/25 04:08	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/09/25 04:08	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/09/25 04:08	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Styrene	ND		5.0	0.30	ug/L			07/09/25 04:08	1
Toluene	ND		1.0	0.30	ug/L			07/09/25 04:08	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/09/25 04:08	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 04:08	1
Trichloroethene	**0.34**	**J**	1.0	0.30	ug/L			07/09/25 04:08	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/09/25 04:08	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/09/25 04:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*07/09/25 04:08*	*1*

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-229797-2

Date Collected: 06/25/25 09:10
Matrix: Water
Date Received: 06/26/25 16:54

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*07/09/25 04:08*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*07/09/25 04:08*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/09/25 04:08*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	**1.5**		1.0	0.30	ug/L			07/09/25 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*07/09/25 23:59*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/09/25 23:59*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*07/09/25 23:59*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/09/25 23:59*	*1*

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3

Date Collected: 06/25/25 09:05
Matrix: Water
Date Received: 06/26/25 16:54

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			07/09/25 04:30	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 04:30	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			07/09/25 04:30	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/09/25 04:30	1
2-Hexanone	ND		10	0.85	ug/L			07/09/25 04:30	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/09/25 04:30	1
Acetone	ND	^c cn	20	0.70	ug/L			07/09/25 04:30	1
Benzene	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/09/25 04:30	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/09/25 04:30	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			07/09/25 04:30	1
Bromomethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/09/25 04:30	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Chloroethane	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Chloroform	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Chloromethane	ND		2.0	0.55	ug/L			07/09/25 04:30	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 04:30	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 04:30	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/09/25 04:30	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/09/25 04:30	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/09/25 04:30	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/09/25 04:30	1

Client: Groundwater Sciences Corporation
Job ID: 410-229797-1
Project/Site: SPBA Quarterly Sampling Event

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3
Date Collected: 06/25/25 09:05
Matrix: Water
Date Received: 06/26/25 16:54

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		5.0	0.30	ug/L			07/09/25 04:30	1
Tetrachloroethene	ND	H cn	1.0	0.30	ug/L			07/11/25 00:21	1
Toluene	ND		1.0	0.30	ug/L			07/09/25 04:30	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/09/25 04:30	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 04:30	1
Trichloroethene	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/09/25 04:30	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/09/25 04:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*80 - 120*		*07/09/25 04:30*	*1*
1,2-Dichloroethane-d4 (Surr)	*104*	*cn*	*80 - 120*		*07/11/25 00:21*	*1*
4-Bromofluorobenzene (Surr)	*93*		*80 - 120*		*07/09/25 04:30*	*1*
4-Bromofluorobenzene (Surr)	*100*	*cn*	*80 - 120*		*07/11/25 00:21*	*1*
Dibromofluoromethane (Surr)	*103*		*80 - 120*		*07/09/25 04:30*	*1*
Dibromofluoromethane (Surr)	*106*	*cn*	*80 - 120*		*07/11/25 00:21*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/09/25 04:30*	*1*
Toluene-d8 (Surr)	*98*	*cn*	*80 - 120*		*07/11/25 00:21*	*1*

Default Detection Limits

Client: Groundwater Sciences Corporation
Job ID: 410-229797-1
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	1.0 ug/L
2-Hexanone	10 ug/L	0.85 ug/L
4-Methyl-2-pentanone (MIBK)	10 ug/L	0.50 ug/L
Acetone	20 ug/L	0.70 ug/L
Benzene	1.0 ug/L	0.30 ug/L
Bromochloromethane	5.0 ug/L	0.20 ug/L
Bromodichloromethane	1.0 ug/L	0.20 ug/L
Bromoform	4.0 ug/L	1.0 ug/L
Bromomethane	1.0 ug/L	0.30 ug/L
Carbon disulfide	5.0 ug/L	0.30 ug/L
Carbon tetrachloride	1.0 ug/L	0.30 ug/L
Chlorobenzene	1.0 ug/L	0.30 ug/L
Chloroethane	1.0 ug/L	0.30 ug/L
Chloroform	1.0 ug/L	0.30 ug/L
Chloromethane	2.0 ug/L	0.55 ug/L
cis-1,2-Dichloroethene	1.0 ug/L	0.30 ug/L
cis-1,3-Dichloropropene	1.0 ug/L	0.20 ug/L
Dibromochloromethane	1.0 ug/L	0.20 ug/L
Ethylbenzene	1.0 ug/L	0.40 ug/L
Methyl tert-butyl ether	1.0 ug/L	0.20 ug/L
Methylene Chloride	1.0 ug/L	0.30 ug/L
Styrene	5.0 ug/L	0.30 ug/L
Tetrachloroethene	1.0 ug/L	0.30 ug/L
Toluene	1.0 ug/L	0.30 ug/L
trans-1,2-Dichloroethene	2.0 ug/L	0.70 ug/L
trans-1,3-Dichloropropene	1.0 ug/L	0.20 ug/L
Trichloroethene	1.0 ug/L	0.30 ug/L
Vinyl chloride	1.0 ug/L	0.30 ug/L
Xylenes, Total	1.0 ug/L	0.40 ug/L

Surrogate Summary

Client: Groundwater Sciences Corporation
Job ID: 410-229797-1
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)
410-229797-1	HD-MW-166-0/1-0	104	93	102	98
410-229797-1 - RA	HD-MW-166-0/1-0	105	100	106	100
410-229797-2	HD-MW-167-0/1-0	106	93	106	99
410-229797-2 - RA	HD-MW-167-0/1-0	103	99	105	100
410-229797-3	HD-MW-168-0/1-0	106	93	103	98
410-229797-3	HD-MW-168-0/1-0	104 cn	100 cn	106 cn	98 cn
LCS 410-668460/4	Lab Control Sample	101	95	100	100
LCS 410-669131/4	Lab Control Sample	99	101	102	101
LCS 410-669730/4	Lab Control Sample	101	101	101	102
LCSD 410-668460/5	Lab Control Sample Dup	102	96	100	101
LCSD 410-669131/5	Lab Control Sample Dup	100	100	101	102
LCSD 410-669730/5	Lab Control Sample Dup	101	101	101	102
MB 410-668460/7	Method Blank	102	95	101	98
MB 410-669131/7	Method Blank	104	100	105	99
MB 410-669730/7	Method Blank	104	100	104	100

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 410-668460/7
Matrix: Water
Analysis Batch: 668460

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			07/08/25 23:52	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			07/08/25 23:52	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/08/25 23:52	1
2-Hexanone	ND		10	0.85	ug/L			07/08/25 23:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/08/25 23:52	1
Acetone	ND		20	0.70	ug/L			07/08/25 23:52	1
Benzene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/08/25 23:52	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/08/25 23:52	1
Bromoform	ND		4.0	1.0	ug/L			07/08/25 23:52	1
Bromomethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/08/25 23:52	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Chloroethane	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Chloroform	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Chloromethane	ND		2.0	0.55	ug/L			07/08/25 23:52	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 23:52	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/08/25 23:52	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/08/25 23:52	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/08/25 23:52	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Styrene	ND		5.0	0.30	ug/L			07/08/25 23:52	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Toluene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/08/25 23:52	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 23:52	1
Trichloroethene	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/08/25 23:52	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/08/25 23:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*07/08/25 23:52*	*1*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*		*07/08/25 23:52*	*1*
Dibromofluoromethane (Surr)	*101*		*80 - 120*		*07/08/25 23:52*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*07/08/25 23:52*	*1*

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

Lab Sample ID: LCS 410-668460/4
Matrix: Water
Analysis Batch: 668460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.1		ug/L		101	79 - 120
1,1,1-Trichloroethane	20.0	19.6		ug/L		98	73 - 120
1,1,2,2-Tetrachloroethane	20.0	18.5		ug/L		92	72 - 120
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	80 - 120
1,1-Dichloroethane	20.0	19.5		ug/L		97	80 - 120
1,1-Dichloroethene	20.0	21.2		ug/L		106	80 - 131
1,2-Dibromoethane (EDB)	20.0	18.9		ug/L		94	77 - 120
1,2-Dichloroethane	20.0	18.0		ug/L		90	73 - 124
1,2-Dichloropropane	20.0	18.9		ug/L		94	80 - 120
2-Butanone (MEK)	250	225		ug/L		90	59 - 135
2-Hexanone	250	239		ug/L		96	56 - 135
4-Methyl-2-pentanone (MIBK)	250	232		ug/L		93	62 - 133
Acetone	250	280		ug/L		112	57 - 143
Benzene	20.0	19.5		ug/L		97	80 - 120
Bromochloromethane	20.0	20.4		ug/L		102	80 - 120
Bromodichloromethane	20.0	19.9		ug/L		99	71 - 120
Bromoform	20.0	21.6		ug/L		108	51 - 120
Bromomethane	20.0	18.1		ug/L		91	53 - 128
Carbon disulfide	20.0	18.9		ug/L		95	65 - 128
Carbon tetrachloride	20.0	20.7		ug/L		103	64 - 134
Chlorobenzene	20.0	19.7		ug/L		98	80 - 120
Chloroethane	20.0	17.8		ug/L		89	55 - 123
Chloroform	20.0	17.6		ug/L		88	80 - 120
Chloromethane	20.0	17.2		ug/L		86	39 - 134
cis-1,2-Dichloroethene	20.0	19.4		ug/L		97	80 - 125
cis-1,3-Dichloropropene	20.0	17.3		ug/L		86	75 - 120
Dibromochloromethane	20.0	20.3		ug/L		102	71 - 120
Ethylbenzene	20.0	19.5		ug/L		97	80 - 120
Methyl tert-butyl ether	20.0	16.8		ug/L		84	69 - 122
Methylene Chloride	20.0	19.7		ug/L		99	80 - 120
Styrene	20.0	19.5		ug/L		97	80 - 120
Tetrachloroethene	20.0	28.1	*+	ug/L		140	80 - 120
Toluene	20.0	19.7		ug/L		99	80 - 120
trans-1,2-Dichloroethene	20.0	20.3		ug/L		102	80 - 126
trans-1,3-Dichloropropene	20.0	18.0		ug/L		90	67 - 120
Trichloroethene	20.0	19.5		ug/L		97	80 - 120
Vinyl chloride	20.0	17.3		ug/L		87	56 - 120
Xylenes, Total	60.0	58.8		ug/L		98	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

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

Lab Sample ID: LCSD 410-668460/5
Matrix: Water
Analysis Batch: 668460

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1,2-Tetrachloroethane			20.0	21.1		ug/L		105	79 - 120	5	30
1,1,1-Trichloroethane			20.0	20.1		ug/L		100	73 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	19.6		ug/L		98	72 - 120	6	30
1,1,2-Trichloroethane			20.0	19.7		ug/L		99	80 - 120	2	30
1,1-Dichloroethane			20.0	19.8		ug/L		99	80 - 120	2	30
1,1-Dichloroethene			20.0	21.8		ug/L		109	80 - 131	3	30
1,2-Dibromoethane (EDB)			20.0	19.5		ug/L		98	77 - 120	3	30
1,2-Dichloroethane			20.0	18.3		ug/L		91	73 - 124	1	30
1,2-Dichloropropane			20.0	19.6		ug/L		98	80 - 120	4	30
2-Butanone (MEK)			250	232		ug/L		93	59 - 135	3	30
2-Hexanone			250	247		ug/L		99	56 - 135	3	30
4-Methyl-2-pentanone (MIBK)			250	241		ug/L		96	62 - 133	4	30
Acetone			250	310		ug/L		124	57 - 143	10	30
Benzene			20.0	19.6		ug/L		98	80 - 120	1	30
Bromochloromethane			20.0	19.7		ug/L		99	80 - 120	3	30
Bromodichloromethane			20.0	19.6		ug/L		98	71 - 120	1	30
Bromoform			20.0	22.0		ug/L		110	51 - 120	2	30
Bromomethane			20.0	18.7		ug/L		94	53 - 128	3	30
Carbon disulfide			20.0	19.5		ug/L		97	65 - 128	3	30
Carbon tetrachloride			20.0	21.0		ug/L		105	64 - 134	2	30
Chlorobenzene			20.0	20.2		ug/L		101	80 - 120	2	30
Chloroethane			20.0	18.4		ug/L		92	55 - 123	3	30
Chloroform			20.0	17.9		ug/L		90	80 - 120	2	30
Chloromethane			20.0	18.1		ug/L		91	39 - 134	5	30
cis-1,2-Dichloroethene			20.0	19.6		ug/L		98	80 - 125	1	30
cis-1,3-Dichloropropene			20.0	17.7		ug/L		89	75 - 120	3	30
Dibromochloromethane			20.0	21.3		ug/L		107	71 - 120	5	30
Ethylbenzene			20.0	20.0		ug/L		100	80 - 120	2	30
Methyl tert-butyl ether			20.0	17.1		ug/L		86	69 - 122	2	30
Methylene Chloride			20.0	20.2		ug/L		101	80 - 120	2	30
Styrene			20.0	20.2		ug/L		101	80 - 120	4	30
Tetrachloroethene			20.0	27.0	*+	ug/L		135	80 - 120	4	30
Toluene			20.0	20.3		ug/L		102	80 - 120	3	30
trans-1,2-Dichloroethene			20.0	20.9		ug/L		104	80 - 126	3	30
trans-1,3-Dichloropropene			20.0	18.5		ug/L		92	67 - 120	3	30
Trichloroethene			20.0	19.4		ug/L		97	80 - 120	0	30
Vinyl chloride			20.0	17.8		ug/L		89	56 - 120	3	30
Xylenes, Total			60.0	60.8		ug/L		101	80 - 120	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 410-669131/7
Matrix: Water
Analysis Batch: 669131

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			07/09/25 22:16	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			07/09/25 22:16	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/09/25 22:16	1
2-Hexanone	ND		10	0.85	ug/L			07/09/25 22:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/09/25 22:16	1
Acetone	ND		20	0.70	ug/L			07/09/25 22:16	1
Benzene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/09/25 22:16	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/09/25 22:16	1
Bromoform	ND		4.0	1.0	ug/L			07/09/25 22:16	1
Bromomethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/09/25 22:16	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Chloroethane	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Chloroform	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Chloromethane	ND		2.0	0.55	ug/L			07/09/25 22:16	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 22:16	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/09/25 22:16	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/09/25 22:16	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/09/25 22:16	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Styrene	ND		5.0	0.30	ug/L			07/09/25 22:16	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Toluene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/09/25 22:16	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/09/25 22:16	1
Trichloroethene	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/09/25 22:16	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/09/25 22:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*07/09/25 22:16*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*07/09/25 22:16*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*07/09/25 22:16*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*07/09/25 22:16*	*1*

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

Lab Sample ID: LCS 410-669131/4
Matrix: Water
Analysis Batch: 669131

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		99	79 - 120
1,1,1-Trichloroethane	20.0	19.4		ug/L		97	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.7		ug/L		104	72 - 120
1,1,2-Trichloroethane	20.0	19.6		ug/L		98	80 - 120
1,1-Dichloroethane	20.0	20.8		ug/L		104	80 - 120
1,1-Dichloroethene	20.0	19.8		ug/L		99	80 - 131
1,2-Dibromoethane (EDB)	20.0	19.0		ug/L		95	77 - 120
1,2-Dichloroethane	20.0	19.4		ug/L		97	73 - 124
1,2-Dichloropropane	20.0	19.9		ug/L		100	80 - 120
2-Butanone (MEK)	250	249		ug/L		100	59 - 135
2-Hexanone	250	274		ug/L		110	56 - 135
4-Methyl-2-pentanone (MIBK)	250	258		ug/L		103	62 - 133
Acetone	250	285		ug/L		114	57 - 143
Benzene	20.0	19.2		ug/L		96	80 - 120
Bromochloromethane	20.0	18.8		ug/L		94	80 - 120
Bromodichloromethane	20.0	20.3		ug/L		101	71 - 120
Bromoform	20.0	20.8		ug/L		104	51 - 120
Bromomethane	20.0	17.8		ug/L		89	53 - 128
Carbon disulfide	20.0	18.8		ug/L		94	65 - 128
Carbon tetrachloride	20.0	20.4		ug/L		102	64 - 134
Chlorobenzene	20.0	19.1		ug/L		95	80 - 120
Chloroethane	20.0	19.4		ug/L		97	55 - 123
Chloroform	20.0	19.8		ug/L		99	80 - 120
Chloromethane	20.0	17.2		ug/L		86	39 - 134
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	80 - 125
cis-1,3-Dichloropropene	20.0	18.9		ug/L		95	75 - 120
Dibromochloromethane	20.0	20.3		ug/L		102	71 - 120
Ethylbenzene	20.0	18.7		ug/L		94	80 - 120
Methyl tert-butyl ether	20.0	17.2		ug/L		86	69 - 122
Methylene Chloride	20.0	20.4		ug/L		102	80 - 120
Styrene	20.0	18.4		ug/L		92	80 - 120
Tetrachloroethene	20.0	17.7		ug/L		88	80 - 120
Toluene	20.0	18.8		ug/L		94	80 - 120
trans-1,2-Dichloroethene	20.0	20.8		ug/L		104	80 - 126
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	67 - 120
Trichloroethene	20.0	18.9		ug/L		95	80 - 120
Vinyl chloride	20.0	17.4		ug/L		87	56 - 120
Xylenes, Total	60.0	54.7		ug/L		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*99*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*80 - 120*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: LCSD 410-669131/5
Matrix: Water
Analysis Batch: 669131

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	19.7		ug/L		99	79 - 120	1	30
1,1,1-Trichloroethane			20.0	19.2		ug/L		96	73 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	20.5		ug/L		102	72 - 120	1	30
1,1,2-Trichloroethane			20.0	19.4		ug/L		97	80 - 120	1	30
1,1-Dichloroethane			20.0	20.3		ug/L		102	80 - 120	2	30
1,1-Dichloroethene			20.0	19.9		ug/L		100	80 - 131	1	30
1,2-Dibromoethane (EDB)			20.0	19.2		ug/L		96	77 - 120	1	30
1,2-Dichloroethane			20.0	19.6		ug/L		98	73 - 124	1	30
1,2-Dichloropropane			20.0	19.9		ug/L		99	80 - 120	0	30
2-Butanone (MEK)			250	250		ug/L		100	59 - 135	0	30
2-Hexanone			250	272		ug/L		109	56 - 135	1	30
4-Methyl-2-pentanone (MIBK)			250	255		ug/L		102	62 - 133	1	30
Acetone			250	282		ug/L		113	57 - 143	1	30
Benzene			20.0	18.9		ug/L		95	80 - 120	1	30
Bromochloromethane			20.0	18.5		ug/L		93	80 - 120	1	30
Bromodichloromethane			20.0	20.1		ug/L		101	71 - 120	1	30
Bromoform			20.0	20.9		ug/L		104	51 - 120	0	30
Bromomethane			20.0	17.5		ug/L		88	53 - 128	2	30
Carbon disulfide			20.0	18.2		ug/L		91	65 - 128	3	30
Carbon tetrachloride			20.0	20.2		ug/L		101	64 - 134	1	30
Chlorobenzene			20.0	19.0		ug/L		95	80 - 120	0	30
Chloroethane			20.0	19.3		ug/L		97	55 - 123	0	30
Chloroform			20.0	19.5		ug/L		98	80 - 120	1	30
Chloromethane			20.0	17.1		ug/L		86	39 - 134	0	30
cis-1,2-Dichloroethene			20.0	19.1		ug/L		96	80 - 125	2	30
cis-1,3-Dichloropropene			20.0	19.0		ug/L		95	75 - 120	0	30
Dibromochloromethane			20.0	20.0		ug/L		100	71 - 120	1	30
Ethylbenzene			20.0	18.6		ug/L		93	80 - 120	1	30
Methyl tert-butyl ether			20.0	17.2		ug/L		86	69 - 122	0	30
Methylene Chloride			20.0	20.3		ug/L		101	80 - 120	1	30
Styrene			20.0	18.2		ug/L		91	80 - 120	1	30
Tetrachloroethene			20.0	17.6		ug/L		88	80 - 120	0	30
Toluene			20.0	18.9		ug/L		95	80 - 120	0	30
trans-1,2-Dichloroethene			20.0	20.2		ug/L		101	80 - 126	2	30
trans-1,3-Dichloropropene			20.0	19.8		ug/L		99	67 - 120	1	30
Trichloroethene			20.0	18.6		ug/L		93	80 - 120	2	30
Vinyl chloride			20.0	17.5		ug/L		88	56 - 120	1	30
Xylenes, Total			60.0	54.0		ug/L		90	80 - 120	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*80 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

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

Lab Sample ID: MB 410-669730/7
Matrix: Water
Analysis Batch: 669730

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			07/10/25 22:38	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			07/10/25 22:38	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/10/25 22:38	1
2-Hexanone	ND		10	0.85	ug/L			07/10/25 22:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/10/25 22:38	1
Acetone	ND		20	0.70	ug/L			07/10/25 22:38	1
Benzene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/10/25 22:38	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/10/25 22:38	1
Bromoform	ND		4.0	1.0	ug/L			07/10/25 22:38	1
Bromomethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/10/25 22:38	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Chloroethane	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Chloroform	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Chloromethane	ND		2.0	0.55	ug/L			07/10/25 22:38	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/10/25 22:38	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/10/25 22:38	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/10/25 22:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/10/25 22:38	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Styrene	ND		5.0	0.30	ug/L			07/10/25 22:38	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Toluene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/10/25 22:38	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/10/25 22:38	1
Trichloroethene	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/10/25 22:38	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/10/25 22:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*07/10/25 22:38*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*07/10/25 22:38*	*1*
Dibromofluoromethane (Surr)	*104*		*80 - 120*		*07/10/25 22:38*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*07/10/25 22:38*	*1*

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

Lab Sample ID: LCS 410-669730/4
Matrix: Water
Analysis Batch: 669730

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		99	79 - 120
1,1,1-Trichloroethane	20.0	19.0		ug/L		95	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.3		ug/L		101	72 - 120
1,1,2-Trichloroethane	20.0	19.4		ug/L		97	80 - 120
1,1-Dichloroethane	20.0	20.4		ug/L		102	80 - 120
1,1-Dichloroethene	20.0	19.4		ug/L		97	80 - 131
1,2-Dibromoethane (EDB)	20.0	19.3		ug/L		96	77 - 120
1,2-Dichloroethane	20.0	19.4		ug/L		97	73 - 124
1,2-Dichloropropane	20.0	20.1		ug/L		100	80 - 120
2-Butanone (MEK)	250	250		ug/L		100	59 - 135
2-Hexanone	250	270		ug/L		108	56 - 135
4-Methyl-2-pentanone (MIBK)	250	254		ug/L		102	62 - 133
Acetone	250	286		ug/L		114	57 - 143
Benzene	20.0	18.9		ug/L		95	80 - 120
Bromochloromethane	20.0	18.3		ug/L		92	80 - 120
Bromodichloromethane	20.0	20.2		ug/L		101	71 - 120
Bromoform	20.0	20.7		ug/L		103	51 - 120
Bromomethane	20.0	16.8		ug/L		84	53 - 128
Carbon disulfide	20.0	18.3		ug/L		92	65 - 128
Carbon tetrachloride	20.0	20.1		ug/L		101	64 - 134
Chlorobenzene	20.0	18.9		ug/L		94	80 - 120
Chloroethane	20.0	18.8		ug/L		94	55 - 123
Chloroform	20.0	19.4		ug/L		97	80 - 120
Chloromethane	20.0	17.9		ug/L		89	39 - 134
cis-1,2-Dichloroethene	20.0	19.1		ug/L		95	80 - 125
cis-1,3-Dichloropropene	20.0	19.2		ug/L		96	75 - 120
Dibromochloromethane	20.0	20.4		ug/L		102	71 - 120
Ethylbenzene	20.0	18.5		ug/L		93	80 - 120
Methyl tert-butyl ether	20.0	17.3		ug/L		86	69 - 122
Methylene Chloride	20.0	19.8		ug/L		99	80 - 120
Styrene	20.0	18.1		ug/L		91	80 - 120
Tetrachloroethene	20.0	17.7		ug/L		88	80 - 120
Toluene	20.0	18.6		ug/L		93	80 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 126
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	67 - 120
Trichloroethene	20.0	18.6		ug/L		93	80 - 120
Vinyl chloride	20.0	17.3		ug/L		86	56 - 120
Xylenes, Total	60.0	53.7		ug/L		90	80 - 120

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

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

Lab Sample ID: LCSD 410-669730/5
Matrix: Water
Analysis Batch: 669730

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	19.5		ug/L		98	79 - 120	2	30
1,1,1-Trichloroethane			20.0	18.6		ug/L		93	73 - 120	2	30
1,1,2,2-Tetrachloroethane			20.0	19.9		ug/L		100	72 - 120	2	30
1,1,2-Trichloroethane			20.0	19.2		ug/L		96	80 - 120	1	30
1,1-Dichloroethane			20.0	20.2		ug/L		101	80 - 120	1	30
1,1-Dichloroethene			20.0	19.1		ug/L		95	80 - 131	2	30
1,2-Dibromoethane (EDB)			20.0	19.0		ug/L		95	77 - 120	1	30
1,2-Dichloroethane			20.0	19.2		ug/L		96	73 - 124	1	30
1,2-Dichloropropane			20.0	19.6		ug/L		98	80 - 120	2	30
2-Butanone (MEK)			250	255		ug/L		102	59 - 135	2	30
2-Hexanone			250	275		ug/L		110	56 - 135	2	30
4-Methyl-2-pentanone (MIBK)			250	257		ug/L		103	62 - 133	1	30
Acetone			250	283		ug/L		113	57 - 143	1	30
Benzene			20.0	18.7		ug/L		94	80 - 120	1	30
Bromochloromethane			20.0	18.2		ug/L		91	80 - 120	1	30
Bromodichloromethane			20.0	20.1		ug/L		100	71 - 120	1	30
Bromoform			20.0	20.4		ug/L		102	51 - 120	1	30
Bromomethane			20.0	16.3		ug/L		81	53 - 128	3	30
Carbon disulfide			20.0	18.3		ug/L		91	65 - 128	0	30
Carbon tetrachloride			20.0	19.6		ug/L		98	64 - 134	2	30
Chlorobenzene			20.0	18.5		ug/L		93	80 - 120	2	30
Chloroethane			20.0	18.3		ug/L		91	55 - 123	3	30
Chloroform			20.0	19.2		ug/L		96	80 - 120	1	30
Chloromethane			20.0	17.4		ug/L		87	39 - 134	3	30
cis-1,2-Dichloroethene			20.0	19.0		ug/L		95	80 - 125	0	30
cis-1,3-Dichloropropene			20.0	19.3		ug/L		97	75 - 120	0	30
Dibromochloromethane			20.0	20.1		ug/L		100	71 - 120	1	30
Ethylbenzene			20.0	18.1		ug/L		91	80 - 120	2	30
Methyl tert-butyl ether			20.0	16.5		ug/L		83	69 - 122	5	30
Methylene Chloride			20.0	19.5		ug/L		98	80 - 120	1	30
Styrene			20.0	17.9		ug/L		89	80 - 120	1	30
Tetrachloroethene			20.0	17.3		ug/L		87	80 - 120	2	30
Toluene			20.0	18.4		ug/L		92	80 - 120	1	30
trans-1,2-Dichloroethene			20.0	20.0		ug/L		100	80 - 126	2	30
trans-1,3-Dichloropropene			20.0	19.7		ug/L		99	67 - 120	1	30
Trichloroethene			20.0	18.5		ug/L		93	80 - 120	0	30
Vinyl chloride			20.0	16.8		ug/L		84	56 - 120	3	30
Xylenes, Total			60.0	53.1		ug/L		89	80 - 120	1	30

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

GC/MS VOA

Analysis Batch: 668460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-229797-1	HD-MW-166-0/1-0	Total/NA	Water	8260D	
410-229797-2	HD-MW-167-0/1-0	Total/NA	Water	8260D	
410-229797-3	HD-MW-168-0/1-0	Total/NA	Water	8260D	
MB 410-668460/7	Method Blank	Total/NA	Water	8260D	
LCS 410-668460/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-668460/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 669131

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-229797-1 - RA	HD-MW-166-0/1-0	Total/NA	Water	8260D	
410-229797-2 - RA	HD-MW-167-0/1-0	Total/NA	Water	8260D	
MB 410-669131/7	Method Blank	Total/NA	Water	8260D	
LCS 410-669131/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-669131/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Analysis Batch: 669730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-229797-3	HD-MW-168-0/1-0	Total/NA	Water	8260D	
MB 410-669730/7	Method Blank	Total/NA	Water	8260D	
LCS 410-669730/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-669730/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Groundwater Sciences Corporation
Job ID: 410-229797-1
Project/Site: SPBA Quarterly Sampling Event

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-229797-1

Date Collected: 06/25/25 09:17
Matrix: Water
Date Received: 06/26/25 16:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	RA	1	669131	JS6E	ELLE	07/09/25 23:38
Total/NA	Analysis	8260D		1	668460	Z6YX	ELLE	07/09/25 03:46

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-229797-2

Date Collected: 06/25/25 09:10
Matrix: Water
Date Received: 06/26/25 16:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D	RA	1	669131	JS6E	ELLE	07/09/25 23:59
Total/NA	Analysis	8260D		1	668460	Z6YX	ELLE	07/09/25 04:08

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3

Date Collected: 06/25/25 09:05
Matrix: Water
Date Received: 06/26/25 16:54

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	669730	JS6E	ELLE	07/11/25 00:21
Total/NA	Analysis	8260D		1	668460	Z6YX	ELLE	07/09/25 04:30

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: 410-229797-1
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: 410-229797-1
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: 410-229797-1
Project/Site: SPBA Quarterly Sampling Event

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-229797-1	HD-MW-166-0/1-0	Water	06/25/25 09:17	06/26/25 16:54
410-229797-2	HD-MW-167-0/1-0	Water	06/25/25 09:10	06/26/25 16:54
410-229797-3	HD-MW-168-0/1-0	Water	06/25/25 09:05	06/26/25 16:54

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Analysis Batch Number: 658909

Lab Sample ID: IC 410-658909/12 Client Sample ID:

Date Analyzed: 06/17/25 19:00 Lab File ID: UU17X12.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Allyl chloride	3.95	Incomplete Integration	TQ4J	06/18/25 09:19
Methylene Chloride	4.16	Incomplete Integration	UKEK	06/18/25 17:55
t-Butyl alcohol	4.38	Incomplete Integration	UKEK	06/18/25 18:03
Methyl tert-butyl ether	4.54	Incomplete Integration	UKEK	06/18/25 18:04
n-Hexane	5.00	Incomplete Integration	UKEK	06/18/25 18:06
1,1-Dichloroethane	5.24	Incomplete Integration	UKEK	06/18/25 18:06
2-Butanone (MEK)	6.10	Peak assignment corrected	TQ4J	06/18/25 09:19
Methacrylonitrile	6.40	Incomplete Integration	TQ4J	06/18/25 09:20
Isobutyl alcohol	7.23	Incomplete Integration	TQ4J	06/18/25 09:20
t-Amyl methyl ether	7.48	Incomplete Integration	UKEK	06/18/25 18:07
Trichloroethene	8.18	Incomplete Integration	TQ4J	06/18/25 09:20
1,4-Dioxane	8.61	Incomplete Integration	TQ4J	06/18/25 09:20
trans-1,4-Dichloro-2-butene	12.37	Peak assignment corrected	TQ4J	06/18/25 09:20

Lab Sample ID: IC 410-658909/13 Client Sample ID:

Date Analyzed: 06/17/25 19:20 Lab File ID: UU17X13.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	2.95	Incomplete Integration	TQ4J	06/18/25 09:21
2-Propanol	3.75	Incomplete Integration	TQ4J	06/18/25 09:21
n-Hexane	4.99	Incomplete Integration	TQ4J	06/18/25 09:22
2-Chloro-1,3-butadiene	5.36	Incomplete Integration	TQ4J	06/18/25 09:22
2,2-Dichloropropane	6.11	Incomplete Integration	TQ4J	06/18/25 09:22
trans-1,4-Dichloro-2-butene	12.37	Peak assignment corrected	TQ4J	06/18/25 09:22

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Analysis Batch Number: 658909

Lab Sample ID: IC 410-658909/14 Client Sample ID:

Date Analyzed: 06/17/25 19:41 Lab File ID: UU17X14.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.13	Incomplete Integration	TQ4J	06/18/25 09:23
t-Butyl alcohol	4.36	Split Peak	UKEK	06/18/25 18:22
n-Hexane	5.00	Incomplete Integration	TQ4J	06/18/25 09:23
Propionitrile	6.18	Other	UKEK	06/18/25 18:22
Methacrylonitrile	6.38	Incomplete Integration	TQ4J	06/18/25 09:23
1,2-Dichloroethane	7.37	Split Peak	UKEK	06/18/25 19:04
1,4-Dioxane	8.62	Split Peak	UKEK	06/18/25 19:05

Lab Sample ID: IC 410-658909/15 Client Sample ID:

Date Analyzed: 06/17/25 20:01 Lab File ID: UU17X15.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.37	Split Peak	UKEK	06/18/25 18:21
Isobutyl alcohol	7.23	Peak assignment corrected	TQ4J	06/18/25 09:25
1,4-Dioxane	8.62	Incomplete Integration	TQ4J	06/18/25 09:25

Lab Sample ID: ICIS 410-658909/16 Client Sample ID:

Date Analyzed: 06/17/25 20:22 Lab File ID: UU17X16.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,2-Dichloroethane	7.37	Split Peak	UKEK	06/18/25 19:04

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Analysis Batch Number: 658909

Lab Sample ID: IC 410-658909/17 Client Sample ID:

Date Analyzed: 06/17/25 20:42 Lab File ID: UU17X17.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.36	Split Peak	UKEK	06/18/25 18:48
1,2-Dichloroethane	7.37	Split Peak	UKEK	06/18/25 19:03

Lab Sample ID: IC 410-658909/18 Client Sample ID:

Date Analyzed: 06/17/25 21:03 Lab File ID: UU17X18.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
n-Pentane	2.94	Peak assignment corrected	TQ4J	06/18/25 09:27
Allyl chloride	3.94	Peak assignment corrected	TQ4J	06/18/25 09:28
t-Butyl alcohol	4.38	Split Peak	UKEK	06/18/25 18:50
1,4-Dioxane	8.63	Split Peak	UKEK	06/18/25 18:51

Lab Sample ID: ICV 410-658909/20 Client Sample ID:

Date Analyzed: 06/17/25 21:44 Lab File ID: UU17X20.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	4.15	Peak assignment corrected	TQ4J	06/18/25 09:30
t-Butyl alcohol	4.35	Split Peak	UKEK	06/18/25 19:35
1,2-Dichloroethane	7.36	Split Peak	UKEK	06/18/25 19:34
1,4-Dioxane	8.63	Split Peak	UKEK	06/18/25 19:36

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Analysis Batch Number: 669131

Lab Sample ID: CCVIS 410-669131/3 Client Sample ID:

Date Analyzed: 07/09/25 20:53 Lab File ID: UL09X32.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.79	Split Peak	JS6E	07/09/25 21:33
Allyl chloride	3.95	Peak assignment corrected	JS6E	07/09/25 21:33
Methylene Chloride	4.17	Peak assignment corrected	JS6E	07/09/25 21:33
1,4-Dioxane	8.60	Split Peak	JS6E	07/09/25 21:33

Lab Sample ID: LCS 410-669131/4 Client Sample ID:

Date Analyzed: 07/09/25 21:14 Lab File ID: UL09X33.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.79	Split Peak	JS6E	07/09/25 21:46
Methylene Chloride	4.19	Incomplete Integration	JS6E	07/09/25 21:47

Lab Sample ID: LCSD 410-669131/5 Client Sample ID:

Date Analyzed: 07/09/25 21:35 Lab File ID: UL09X34.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.87	Incomplete Integration	JS6E	07/09/25 22:27
Methylene Chloride	4.17	Incomplete Integration	JS6E	07/09/25 22:28

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Analysis Batch Number: 669730

Lab Sample ID: CCVIS 410-669730/3 Client Sample ID:

Date Analyzed: 07/10/25 21:16 Lab File ID: UL10X32.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.78	Incomplete Integration	JS6E	07/10/25 21:51
Allyl chloride	3.95	Peak assignment corrected	JS6E	07/10/25 21:51
Methylene Chloride	4.18	Incomplete Integration	JS6E	07/10/25 21:51
1,4-Dioxane	8.60	Split Peak	JS6E	07/10/25 21:52

Lab Sample ID: LCS 410-669730/4 Client Sample ID:

Date Analyzed: 07/10/25 21:37 Lab File ID: UL10X33.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.78	Split Peak	JS6E	07/10/25 22:13
Methylene Chloride	4.18	Peak assignment corrected	JS6E	07/10/25 22:13

Lab Sample ID: LCSD 410-669730/5 Client Sample ID:

Date Analyzed: 07/10/25 21:57 Lab File ID: UL10X34.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.79	Split Peak	JS6E	07/10/25 22:45
Methylene Chloride	4.18	Missed Peak	JS6E	07/10/25 22:46
trans-1,2-Dichloroethene	4.57	Incomplete Integration	JS6E	07/10/25 22:46

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 9137 Analysis Batch Number: 661307

Lab Sample ID: IC 410-661307/12 Client Sample ID:

Date Analyzed: 06/23/25 18:50 Lab File ID: WU23X11.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.32	Baseline	Y6ZN	06/23/25 20:54
Ethanol	3.30	Peak assignment corrected	Y6ZN	06/23/25 20:55
2-Propanol	3.90	Incomplete Integration	Y6ZN	06/23/25 20:58
1,4-Dioxane	8.71	Assign Peak	Y6ZN	06/23/25 20:56
1,3-Dichlorobenzene	13.09	Peak assignment corrected	Y6ZN	06/23/25 20:56
1,2-Diethylbenzene	13.44	Peak assignment corrected	Y6ZN	06/23/25 20:56
2-Ethylhexyl acrylate	14.57	Split Peak	Y6ZN	06/23/25 21:52

Lab Sample ID: IC 410-661307/13 Client Sample ID:

Date Analyzed: 06/23/25 19:12 Lab File ID: WU23X12.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.27	Incomplete Integration	Y6ZN	06/23/25 20:57
2-Propanol	3.89	Incomplete Integration	Y6ZN	06/23/25 20:57
t-Butyl alcohol	4.45	Incomplete Integration	Y6ZN	06/23/25 20:59
1,4-Dioxane	8.72	Incomplete Integration	Y6ZN	06/23/25 20:59

Lab Sample ID: ICIS 410-661307/16 Client Sample ID:

Date Analyzed: 06/23/25 20:18 Lab File ID: WU23X15.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethyl acrylate	8.39	Peak assignment corrected	Y6ZN	06/23/25 20:42
n-Butyl acrylate	11.76	Peak assignment corrected	Y6ZN	06/23/25 20:46

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 9137 Analysis Batch Number: 661307

Lab Sample ID: IC 410-661307/17 Client Sample ID:

Date Analyzed: 06/23/25 20:40 Lab File ID: WU23X16.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.51	Split Peak	Y6ZN	06/23/25 21:36

Lab Sample ID: IC 410-661307/18 Client Sample ID:

Date Analyzed: 06/23/25 21:02 Lab File ID: WU23X17.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Ethanol	3.14	Peak assignment corrected	Y6ZN	06/23/25 21:37

Lab Sample ID: ICV 410-661307/20 Client Sample ID:

Date Analyzed: 06/23/25 21:47 Lab File ID: WU23X19.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	4.49	Split Peak	Y6ZN	06/23/25 22:08

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 9137 Analysis Batch Number: 668460

Lab Sample ID: CCVIS 410-668460/3 Client Sample ID:

Date Analyzed: 07/08/25 22:24 Lab File ID: WL08X35.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.95	Incomplete Integration	Z6YX	07/08/25 22:54

Lab Sample ID: LCS 410-668460/4 Client Sample ID:

Date Analyzed: 07/08/25 22:46 Lab File ID: WL08X36.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.95	Incomplete Integration	Z6YX	07/08/25 23:31

Lab Sample ID: LCSD 410-668460/5 Client Sample ID:

Date Analyzed: 07/08/25 23:08 Lab File ID: WL08X37.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.95	Incomplete Integration	Z6YX	07/08/25 23:35

Lab Sample ID: MB 410-668460/7 Client Sample ID:

Date Analyzed: 07/08/25 23:52 Lab File ID: WL08X39.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Tetrachloroethene		Invalid Compound ID	Z6YX	07/09/25 02:51

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppbEtOH_00774	06/18/25	06/17/25	DI Water, Lot DI 25168	1000 mL	MSV_CCV_2CEVE_00232	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_ETOH_00009	20 uL	Ethanol	250 ug/L
					MSV_CCV_GASES_01063	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_OH_Sp_00022	4 uL	2-Ethylhexyl acrylate	3.99789 ug/L
							n-Butyl acrylate	3.99833 ug/L
							Ethyl acrylate	4.00142 ug/L
							Methyl acrylate	4.00074 ug/L
					MSV_CCV_VOC#1_00240	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Hexachlorobutadiene	4 ug/L
							Isopropylbenzene	4 ug/L
							m-Xylene & p-Xylene	8 ug/L
							Methylene Chloride	4 ug/L
							n-Butylbenzene	4 ug/L
							N-Propylbenzene	4 ug/L
							Naphthalene	4 ug/L
							o-Xylene	4 ug/L
							sec-Butylbenzene	4 ug/L
							Styrene	4 ug/L
							tert-Butylbenzene	4 ug/L
							Tetrachloroethene	4 ug/L
							Toluene	4 ug/L
							trans-1,2-Dichloroethene	4 ug/L
							trans-1,3-Dichloropropene	4 ug/L
							Trichloroethene	4 ug/L
							1,1,2-Trichloro-1,2,2-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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	10 ug/L
							Methyl acetate	4 ug/L
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00241	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_00232	07/16/25	06/16/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00237	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00237	05/31/27		Restek, Lot A0211425		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29		Chem Service, Lot 16092200		(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_ETOH_00009	09/11/25	03/11/25	Methanol, Lot EH471	200 mL	MSV_VETOH_STK_00017	8.43 mL	Ethanol	12500 ug/mL
..MSV_VETOH_STK_00017	09/11/25	03/11/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00050	2.9656 g	Ethanol	296560 ug/mL
...MSV_EtOH_00050	01/31/30		Chem Service, Lot 15122500		(Purchased Reagent)		Ethanol	1 g/g
.MSV_CCV_GASES_01063	06/24/25		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_OH_Sp_00022	07/07/25	06/17/25	Methanol, Lot EH822	1 mL	MSV_V_Acr_Std_00009	200 uL	2-Ethylhexyl acrylate	999.472 ug/mL
							n-Butyl acrylate	999.582 ug/mL
							Ethyl acrylate	1000.35 ug/mL
							Methyl acrylate	1000.19 ug/mL
..MSV_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
					MSV_MStk_BAcr_00006	1.004 mL	n-Butyl acrylate	4997.91 ug/mL
					MSV_MStk_EtAc_00005	1.007 mL	Ethyl acrylate	5001.77 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
					MSV_MStk_MAcr_00005	0.904 mL	Methyl acrylate	5000.93 ug/mL
...MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL
....MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
...MSV_MStk_BAcr_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
....MSV_nButylAcr_00006	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
...MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
....MSV_EthylAcry_00004	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
...MSV_MStk_MAcr_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00004	0.5532 g	Methyl acrylate	55320 ug/mL
....MSV_MethylAcr_00004	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
.MSV_CCV_VOC#1_00240	07/16/25	06/16/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00239	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00243	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00239	07/16/25		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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00243	07/16/25		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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00241	06/28/25	06/16/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00027	0.5 mL	Acrolein	12197.7 ug/mL
					MSV_V_Ketones_00237	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_00027	06/28/25	04/29/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00047	9.072 mL	Acrolein	121977 ug/mL
...MSV_VACR_STK_00047	06/28/25	04/29/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00040	1.4473 g	Acrolein	134454 ug/mL
....MSV_ACROLEIN_00040	08/31/25	Chem Service, Lot 15807600			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00237	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_4ppbEtOH_00777	06/30/25	06/23/25	DI Water, Lot DI 23226	1000 mL	MSV_CCV_2CEVE_00233	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_CYC_00012	32 uL	Cyclohexanone	200.004 ug/L
					MSV_CCV_ETOH_00009	20 uL	Ethanol	250 ug/L
					MSV_CCV_GASES_01053	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_00241	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,3,5-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
							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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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
							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_00242	3.2 uL	Acrolein	39.0352 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
					MSV_V_Acr_Std_00009	0.8 uL	2-Ethylhexyl acrylate	3.99789 ug/L
							n-Butyl acrylate	3.99833 ug/L
							Ethyl acrylate	4.00142 ug/L
							Methyl acrylate	4.00074 ug/L
.MSV_CCV_2CEVE_00233	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00238	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00238	05/31/27	Restek, Lot A0211425			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
..MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
...MSV_CYC_00014	02/28/29	Chem Service, Lot 16092200			(Purchased Reagent)		Cyclohexanone	1 g/g
.MSV_CCV_ETOH_00009	09/11/25	03/11/25	Methanol, Lot EH471	200 mL	MSV_VETOH_STK_00017	8.43 mL	Ethanol	12500 ug/mL
..MSV_VETOH_STK_00017	09/11/25	03/11/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00050	2.9656 g	Ethanol	296560 ug/mL
...MSV_EtOH_00050	01/31/30	Chem Service, Lot 15122500			(Purchased Reagent)		Ethanol	1 g/g

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_CCV_GASES_01053	06/30/25		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_00241	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00238	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00242	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00238	07/23/25		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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00242	07/23/25		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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00242	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00236	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
..MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
....MSV_ACROLEIN_00041	08/31/25	Chem Service, Lot 15807600			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00236	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_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
					MSV_MStk_BAcr_00006	1.004 mL	n-Butyl acrylate	4997.91 ug/mL
					MSV_MStk_EtAc_00005	1.007 mL	Ethyl acrylate	5001.77 ug/mL
					MSV_MStk_MAcr_00005	0.904 mL	Methyl acrylate	5000.93 ug/mL
..MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL
...MSV_2Eth6Acry_00001	02/28/28	Sigma Aldrich, Lot MKCN1302			(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcr_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
...MSV_nButylAcr_00006	01/31/26	Chem Service, Lot 14061100			(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
...MSV_EthylAcry_00004	03/31/26	Chem Service, Lot 15464400			(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcr_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00004	0.5532 g	Methyl acrylate	55320 ug/mL
...MSV_MethylAcr_00004	01/31/26	Chem Service, Lot 14862200			(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_2CEVE_00232	07/16/25	06/16/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00237	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00237	05/31/27	Restek, Lot A0211425			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_2CEVE_00233	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00238	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00238	05/31/27	Restek, Lot A0211425			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_CYC_00012	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	200 mL	MSV_VCYC_STK_00015	9.828 mL	Cyclohexanone	6250.12 ug/mL
.MSV_VCYC_STK_00015	12/12/25	06/12/25	50/50 MeOH/Water, Lot EH471	10 mL	MSV_CYC_00014	1.2719 g	Cyclohexanone	127190 ug/mL
..MSV_CYC_00014	02/28/29	Chem Service, Lot 16092200			(Purchased Reagent)		Cyclohexanone	1 g/g
MSV_CCV_EE_00009	11/03/25	05/03/25	Methanol, Lot EH471	50 mL	MSV_EE_MISCSK_00016	1.502 mL	Ethyl ether	1000.33 ug/mL
.MSV_EE_MISCSK_00016	11/03/25	05/03/25	Methanol, Lot EH471	10 mL	MSV_EE_Neat_00013	0.333 g	Ethyl ether	33300 ug/mL
..MSV_EE_Neat_00013	06/30/27	Chem Service, Lot 15507600			(Purchased Reagent)		Ethyl ether	1 g/g
MSV_CCV_ETOH_00009	09/11/25	03/11/25	Methanol, Lot EH471	200 mL	MSV_VETOH_STK_00017	8.43 mL	Ethanol	12500 ug/mL
.MSV_VETOH_STK_00017	09/11/25	03/11/25	Methanol, Lot EH471	10 mL	MSV_EtOH_00050	2.9656 g	Ethanol	296560 ug/mL
..MSV_EtOH_00050	01/31/30	Chem Service, Lot 15122500			(Purchased Reagent)		Ethanol	1 g/g

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_CCV_GASES_01053	06/30/25		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_GASES_01063	06/24/25		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_GASES_01075	07/10/25		Restek, Lot A0225685		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_LKB_00013	09/06/25	03/06/25	Methanol, Lot EH471	50 mL	MSV_V234TCB_S_00009	4.897 mL	2,3,4-Trichlorobutene	999.576 ug/mL
					MSV_V34D1B_SK_00015	0.825 mL	3,4-Dichloro-1-butene	999.735 ug/mL
					MSV_Vc14d_STK_00013	1.274 mL	cis-1,4-Dichloro-2-butene	999.708 ug/mL
.MSV_V234TCB_S_00009	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_2,3,4TCB_00013	0.108 g	2,3,4-Trichlorobutene	10206 ug/mL
..MSV_2,3,4TCB_00013	07/31/27		Chem Service, Lot 15568600		(Purchased Reagent)		2,3,4-Trichlorobutene	0.945 g/g
.MSV_V34D1B_SK_00015	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_3,4DC1Be_00003	0.6059 g	3,4-Dichloro-1-butene	60590 ug/mL
..MSV_3,4DC1Be_00003	08/22/27		TCI, Lot W3RMJ		(Purchased Reagent)		3,4-Dichloro-1-butene	1 g/g
.MSV_Vc14d_STK_00013	09/06/25	03/06/25	Methanol, Lot EH471	10 mL	MSV_c14dcb_Nt_00004	0.413 g	cis-1,4-Dichloro-2-butene	39235 ug/mL
..MSV_c14dcb_Nt_00004	08/16/27		Aldrich, Lot SHBH4584V		(Purchased Reagent)		cis-1,4-Dichloro-2-butene	0.95 g/g
MSV_CCV_OH_Sp_00022	07/07/25	06/17/25	Methanol, Lot EH822	1 mL	MSV_V_Acr_Std_00009	200 uL	2-Ethylhexyl acrylate	999.472 ug/mL
							n-Butyl acrylate	999.582 ug/mL
							Ethyl acrylate	1000.35 ug/mL
							Methyl acrylate	1000.19 ug/mL
.MSV_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
					MSV_MStk_BAcr_00006	1.004 mL	n-Butyl acrylate	4997.91 ug/mL
					MSV_MStk_EtAc_00005	1.007 mL	Ethyl acrylate	5001.77 ug/mL
					MSV_MStk_MAcr_00005	0.904 mL	Methyl acrylate	5000.93 ug/mL
..MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL
...MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcr_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
...MSV_nButylAcr_00006	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
...MSV_EthylAcry_00004	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcr_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00004	0.5532 g	Methyl acrylate	55320 ug/mL
...MSV_MethylAcr_00004	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_Penta_00066	06/26/25	05/28/25	Methanol, Lot EJ274	1 mL	MSV_V_PentaCL_00052	200 uL	Pentachloroethane	1000 ug/mL
.MSV_V_PentaCL_00052	06/26/25		Restek, Lot A0197490		(Purchased Reagent)		Pentachloroethane	5000 ug/mL
MSV_CCV_V5ACE_00050	07/13/25	06/13/25	Methanol, Lot EJ274	10 mL	MSV_AcetatesV_00092	1 mL	Acetonitrile	5000 ug/mL
							Ethyl acetate	1000 ug/mL
							Isopropyl acetate	1000 ug/mL
							n-Butyl acetate	1000 ug/mL
							n-Propyl acetate	1000 ug/mL
							Vinyl acetate	1000 ug/mL
.MSV_AcetatesV_00092	12/13/25		Restek, Lot A0212300		(Purchased Reagent)		Acetonitrile	50000 ug/mL
							Ethyl acetate	10000 ug/mL
							Isopropyl acetate	10000 ug/mL
							n-Butyl acetate	10000 ug/mL
							n-Propyl acetate	10000 ug/mL
							Vinyl acetate	10000 ug/mL
MSV_CCV_VOC#1_00240	07/16/25	06/16/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00239	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00243	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00239	07/16/25		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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							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_00243	07/16/25		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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_CCV_VOC#1_00241	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00238	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00242	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00238	07/23/25		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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00242	07/23/25		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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_CCV_VOC#1_00243	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00240	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
							1,2-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_MegaMix#2_00249	1 mL	Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_MegaMIX#1_00240	08/06/25		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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							Benzene	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
							Ethylbenzene	5000 ug/mL
							Methylene Chloride	5000 ug/mL
							Styrene	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_00249	08/06/25		Restek, Lot A0226118		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
MSV_CCV_VOC#3_00241	06/28/25	06/16/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00027	0.5 mL	Acrolein	12197.7 ug/mL
					MSV_V_Ketones_00237	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_00027	06/28/25	04/29/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00047	9.072 mL	Acrolein	121977 ug/mL
..MSV_VACR_STK_00047	06/28/25	04/29/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00040	1.4473 g	Acrolein	134454 ug/mL
...MSV_ACROLEIN_00040	08/31/25		Chem Service, Lot 15807600		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00237	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00242	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00236	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
..MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
...MSV_ACROLEIN_00041	08/31/25		Chem Service, Lot 15807600		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00236	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

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SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00245	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_V_Ketones_00175	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_V_Ketones_00175	01/31/26		Restek, Lot A0193494		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_Cent_ISO_00011	08/28/25	03/17/25	Methanol, Lot EJ274	50 mL	MSV_Cus826_IS_00672	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_Cus826_IS_00672	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_Cent_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_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_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_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_LCS_Gases_00258	07/14/25	07/07/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00310	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00310	07/14/25		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_00224	07/16/25	06/16/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00276	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00275	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00273	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_00276	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,3-Dichloropropene	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_00275	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00273	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00225	07/23/25	06/23/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00274	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_00274	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00276	1 mL	2-Butanone (MEK)	500 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00274	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00274	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00276	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_LCS_VOC#1_00227	08/06/25	07/07/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00273	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00280	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00285	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_00273	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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_00280	05/31/28	Restek, Lot A0225702			(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00285	04/30/27	Restek, Lot A0209876			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_QC_2K_GAS_00305	06/23/25	Restek, Lot A0211460			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_QC_2K_GAS_00309	06/30/25	Restek, Lot A0211460			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_V_BFB_00019							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	
							Total Diethylbenzene	
							Xylenes, Total	
					MSV_VBFB_STK_00014	0.246 mL	BFB	49.9183 ug/mL
.MSV_VBFB_STK_00014	11/22/25	05/22/25	Methanol, Lot EH471	10 mL	MSV_4BFB_NEAT_00013	0.5073 g	BFB	50730 ug/mL
..MSV_4BFB_NEAT_00013	06/30/29	Chem Service, Lot 16054300			(Purchased Reagent)		BFB	1 g/g
MSV_V_SMFreon_00062	07/03/25	Restek, Lot A0197864			(Purchased Reagent)		2-Chloro-1,1,1-Trifluoroethane	2000 ug/mL
							Chlorodifluoromethane	2000 ug/mL
							Chlorotrifluoroethene	2000 ug/mL

Reagent

MSV_2,3,4TCB_00013

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

CERTIFICATE OF ANALYSIS

2,3,4-Trichlorobutene

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

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

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

Certified By:

Alan Murray

COA Form
Revision 5.0 (10/23)

ANAB ACCREDITED REFERENCE MATERIAL PRODUCER

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

Print Date: 08/06/24

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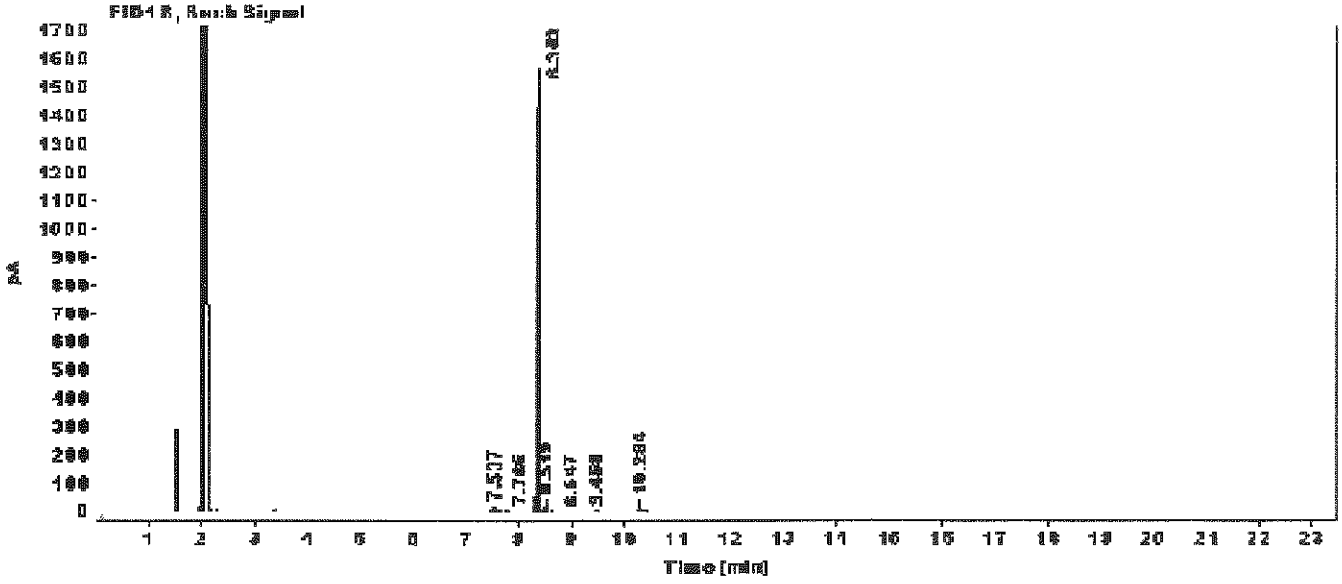
1-800-452-9994 • 1-610-692-3026 • Fax 1-610-692-8729
info@chemservice.com • www.chemservice.com

CERTIFICATE OF ANALYSIS

Gas Chromatography / Flame Ionization Detector (GC/FID)

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



Signal: FID1 B, Back Signal

RT [min]	Type	Width [min]	Area	Height	Area%
7.537	BB	0.0220	29.1728	21.2587	0.8943
7.788	BB	0.0222	8.1247	5.8468	0.2491
8.383	BB	0.0313	3082.4851	1543.4288	94.4935
8.519	BB	0.0229	70.6511	48.8153	2.1658
8.647	BV	0.0224	4.7303	3.3591	0.1450
9.468	BB	0.0215	9.6139	6.7867	0.2947
10.284	BB	0.0232	57.3349	38.7965	1.7576
		Sum	3262.1227		

ANAB ANSI National Accreditation Board ACCREDITED REFERENCE MATERIAL PRODUCER

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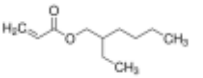
Reagent

MSV_2Eth6Acry_00001

3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

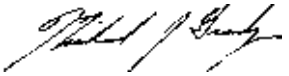
Certificate of Analysis

Product Name:
2-Ethylhexyl acrylate - 98%, contains ≥0.001-≤0.11% monomethyl ether hydroquinone as stabilizer



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

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



Michael Grady, Manager
Quality Control
Milwaukee, WI US

Reagent

MSV_3,4DC1Be_00003

Certificate of Analysis

08/23/2022(JST)

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

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

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

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

Customer Service:

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

Takuya Nishioka
Quality Assurance Department Manager

Reagent

MSV_8260_SS_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.)

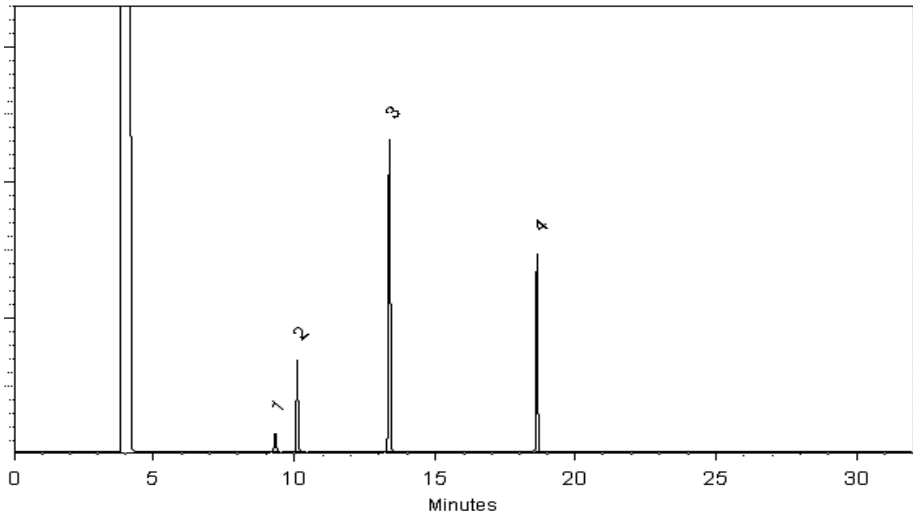
Inj. Temp:
200°C

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_c14dcb_Nt_00004

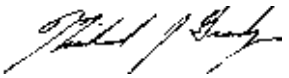
SIGMA-ALDRICH®
sigma-aldrich.com
3050 Spruce Street, Saint Louis, MO 63103, USA
Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

Certificate of Analysis

Product Name:
cis-1,4-Dichloro-2-butene - 95%

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

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



Michael Grady, Manager
Quality Control
Sheboygan Falls, WI US

Reagent

MSV_Cus826_IS_00672

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

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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.)

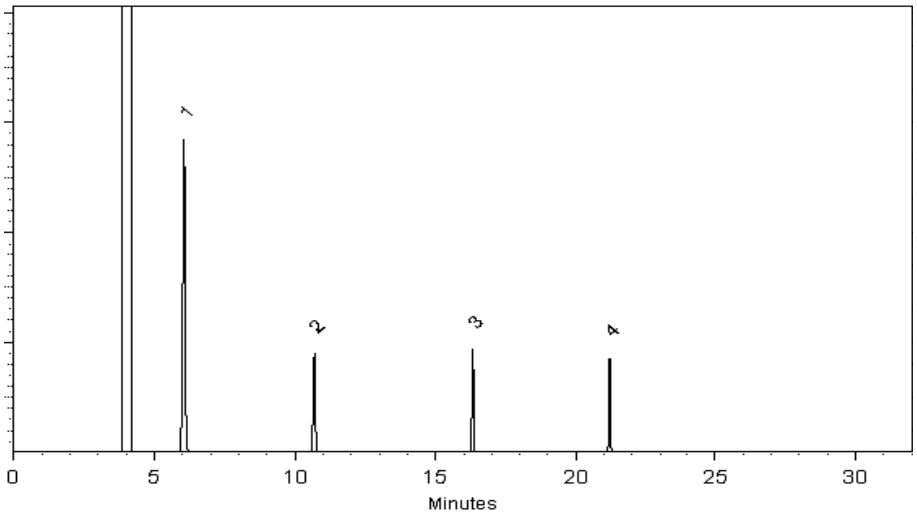
Inj. Temp:
200°C

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_QC_2K_GAS_00305

RESTEK
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CERTIFIED REFERENCE MATERIAL

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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.

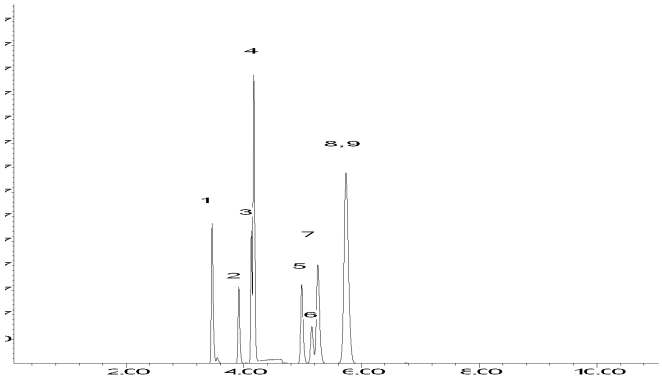
Inj. Temp:
200°C

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_QC_2K_GAS_00309

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ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom Gases.SEC Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

Tech Tips:
Raw material may contain trace amounts of tert-Butanol.

Quality Confirmation Test

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

Carrier Gas:
helium-constant flow 2.0 mL/min.

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

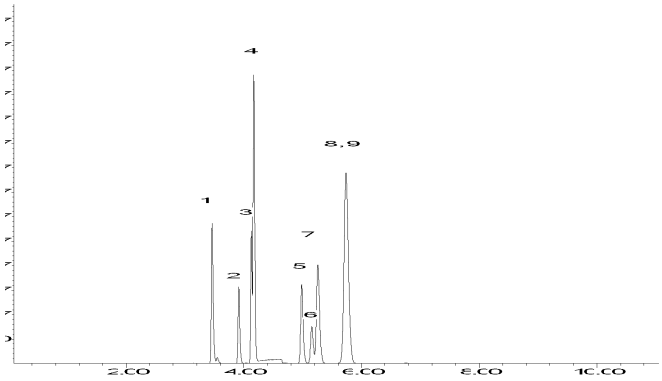
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Matt Fragassi - Mix Technician

Date Mixed: 15-May-2024 **Balance Serial #** 1127510105

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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- 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:

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Reagent

MSV_QC_2K_GAS_00310

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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.

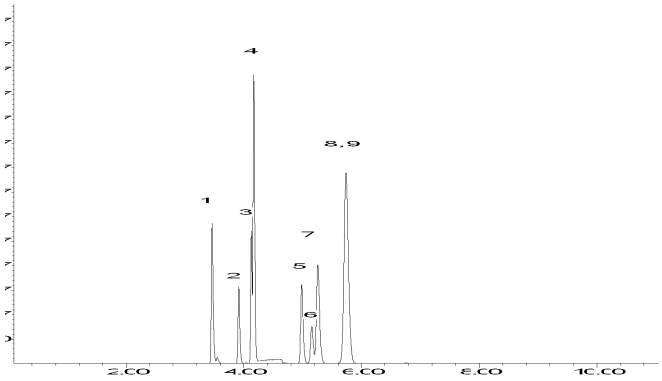
Inj. Temp:
200°C

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.
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- 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:

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

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Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_V_Ketones_00175

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.:** A0193494

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 : January 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	Acetone	67-64-1	SHBP8774	99%	12,581.8 µg/mL	+/- 434.7671
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	12,578.5 µg/mL	+/- 434.6548
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	12,602.3 µg/mL	+/- 435.4755
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,587.5 µg/mL	+/- 434.9658

* 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.)

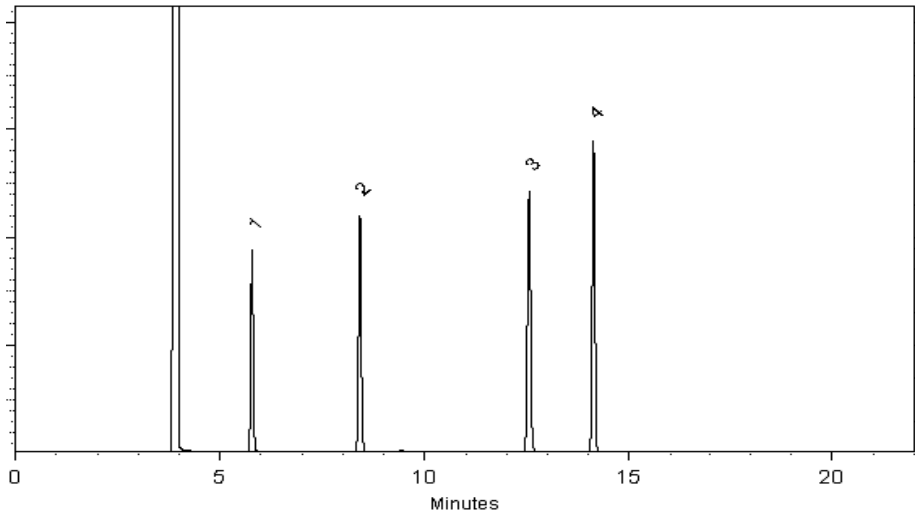
Inj. Temp:
200°C

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.

Bethany Lowery - Operations Tech I

Date Mixed: 12-Jan-2023 **Balance Serial #** B251644995

Christie Mills - Operations Tech II - ARM QC

Date Passed: 16-Jan-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_V_Ketones_00236

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.)

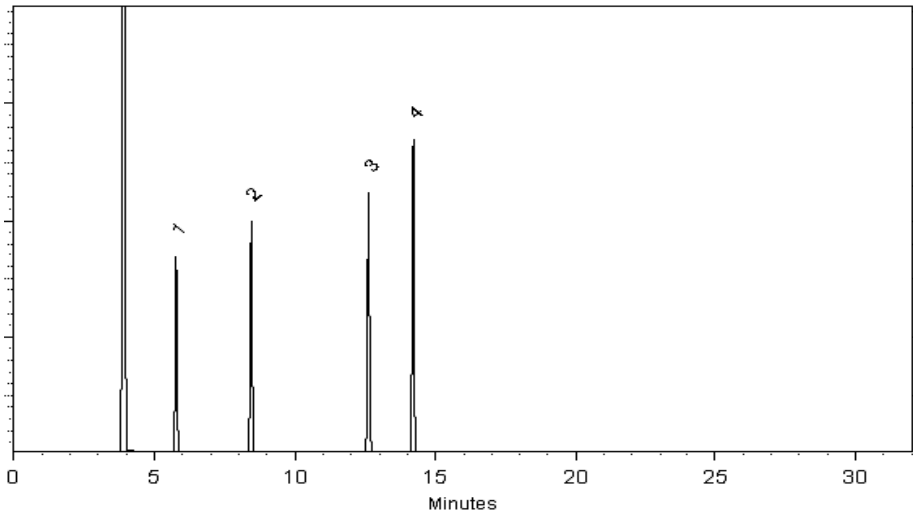
Inj. Temp:
200°C

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:

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

  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_00237

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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.)

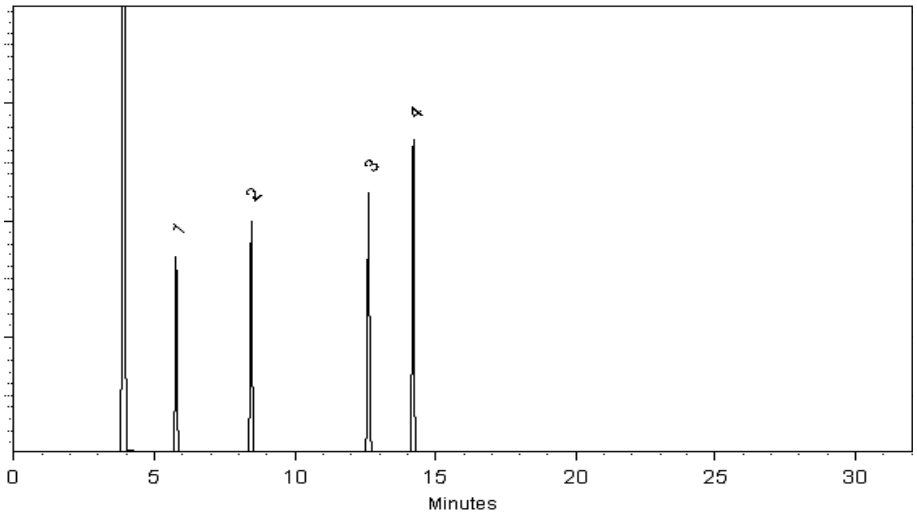
Inj. Temp:
200°C

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.

Reagent

MSV_V_PentaCL_00052

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

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CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

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

Description : Custom Pentachloroethane Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

Solvent: P&T Methanol

CAS # 67-56-1

Purity 99%

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant flow 1.8 mL/min.

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

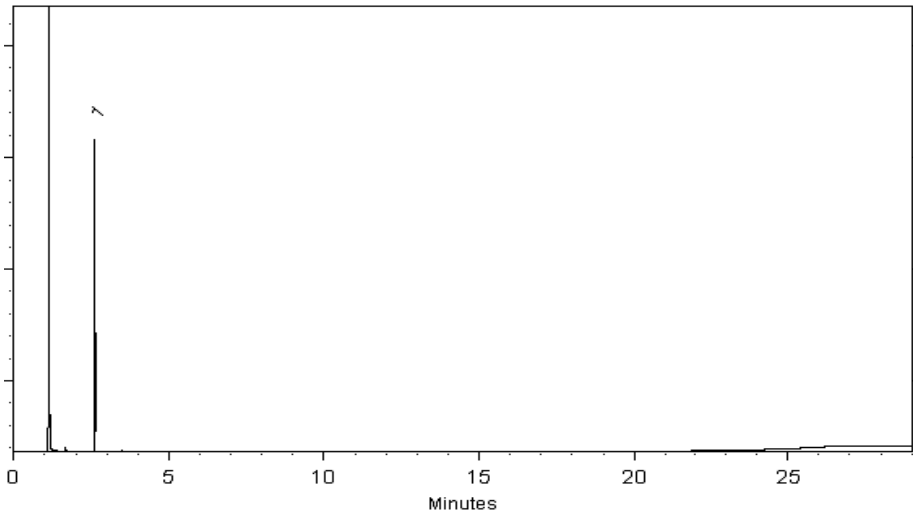
Inj. Temp:
250°C

Det. Temp:
340°C

Det. Type:
FID

Split Vent:
100 ml/min.

Inj. Vol
1µl



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

Nick Yaw - Operations Tech I

Date Mixed: 26-Apr-2023 **Balance Serial #** B251644995

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 02-May-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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_SMFreon_00062

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

Description : Custom SM Freons Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

Solvent: P&T Methanol

CAS # 67-56-1

Purity 99%

Quality Confirmation Test

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

Carrier Gas:
helium-constant flow 2.0 mL/min.

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

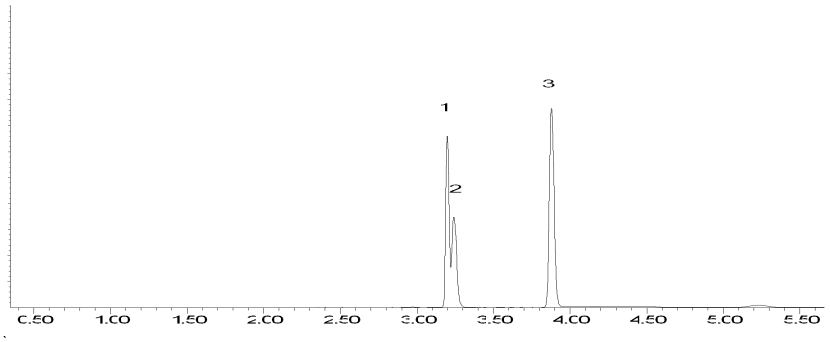
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Tom Suckar - Mix Technician

Date Mixed: 09-May-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 11-May-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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  k is a coverage factor of 2, which gives a level of confidence of approximately 95%.
- The packaged amount is the minimum sample size for which uncertainty is valid. The ampuls are over-filled to ensure that the minimum packaged amount can be sufficiently transferred.

Manufacturing Notes:

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

Handling Notes:

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

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.: 410-229797-1

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	410-229797-1	102	104	98	93
HD-MW-166-0/1-0 RA	410-229797-1 RA	106	105	100	100
HD-MW-167-0/1-0	410-229797-2	106	106	99	93
HD-MW-167-0/1-0 RA	410-229797-2 RA	105	103	100	99
HD-MW-168-0/1-0	410-229797-3	106 cn	104 cn	98 cn	100 cn
HD-MW-168-0/1-0	410-229797-3	103	106	98	93
	MB 410-668460/7	101	102	98	95
	MB 410-669131/7	105	104	99	100
	MB 410-669730/7	104	104	100	100
	LCS 410-668460/4	100	101	100	95
	LCS 410-669131/4	102	99	101	101
	LCS 410-669730/4	101	101	102	101
	LCSD 410-668460/5	100	102	101	96
	LCSD 410-669131/5	101	100	102	100
	LCSD 410-669730/5	101	101	102	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.: 410-229797-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WL08X36.D

Lab ID: LCS 410-668460/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.1	101	79-120	
1,1,1-Trichloroethane	20.0	19.6	98	73-120	
1,1,2,2-Tetrachloroethane	20.0	18.5	92	72-120	
1,1,2-Trichloroethane	20.0	19.4	97	80-120	
1,1-Dichloroethane	20.0	19.5	97	80-120	
1,1-Dichloroethene	20.0	21.2	106	80-131	
1,2-Dibromoethane (EDB)	20.0	18.9	94	77-120	
1,2-Dichloroethane	20.0	18.0	90	73-124	
1,2-Dichloropropane	20.0	18.9	94	80-120	
2-Butanone (MEK)	250	225	90	59-135	
2-Hexanone	250	239	96	56-135	
4-Methyl-2-pentanone (MIBK)	250	232	93	62-133	
Acetone	250	280	112	57-143	
Benzene	20.0	19.5	97	80-120	
Bromochloromethane	20.0	20.4	102	80-120	
Bromodichloromethane	20.0	19.9	99	71-120	
Bromoform	20.0	21.6	108	51-120	
Bromomethane	20.0	18.1	91	53-128	
Carbon disulfide	20.0	18.9	95	65-128	
Carbon tetrachloride	20.0	20.7	103	64-134	
Chlorobenzene	20.0	19.7	98	80-120	
Chloroethane	20.0	17.8	89	55-123	
Chloroform	20.0	17.6	88	80-120	
Chloromethane	20.0	17.2	86	39-134	
cis-1,2-Dichloroethene	20.0	19.4	97	80-125	
cis-1,3-Dichloropropene	20.0	17.3	86	75-120	
Dibromochloromethane	20.0	20.3	102	71-120	
Ethylbenzene	20.0	19.5	97	80-120	
Methyl tert-butyl ether	20.0	16.8	84	69-122	
Methylene Chloride	20.0	19.7	99	80-120	
Styrene	20.0	19.5	97	80-120	
Tetrachloroethene	20.0	28.1	140	80-120	*+
Toluene	20.0	19.7	99	80-120	
trans-1,2-Dichloroethene	20.0	20.3	102	80-126	
trans-1,3-Dichloropropene	20.0	18.0	90	67-120	
Trichloroethene	20.0	19.5	97	80-120	
Vinyl chloride	20.0	17.3	87	56-120	
Xylenes, Total	60.0	58.8	98	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UL09X33.D

Lab ID: LCS 410-669131/4 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	99	79-120	
1,1,1-Trichloroethane	20.0	19.4	97	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.7	104	72-120	
1,1,2-Trichloroethane	20.0	19.6	98	80-120	
1,1-Dichloroethane	20.0	20.8	104	80-120	
1,1-Dichloroethene	20.0	19.8	99	80-131	
1,2-Dibromoethane (EDB)	20.0	19.0	95	77-120	
1,2-Dichloroethane	20.0	19.4	97	73-124	
1,2-Dichloropropane	20.0	19.9	100	80-120	
2-Butanone (MEK)	250	249	100	59-135	
2-Hexanone	250	274	110	56-135	
4-Methyl-2-pentanone (MIBK)	250	258	103	62-133	
Acetone	250	285	114	57-143	
Benzene	20.0	19.2	96	80-120	
Bromochloromethane	20.0	18.8	94	80-120	
Bromodichloromethane	20.0	20.3	101	71-120	
Bromoform	20.0	20.8	104	51-120	
Bromomethane	20.0	17.8	89	53-128	
Carbon disulfide	20.0	18.8	94	65-128	
Carbon tetrachloride	20.0	20.4	102	64-134	
Chlorobenzene	20.0	19.1	95	80-120	
Chloroethane	20.0	19.4	97	55-123	
Chloroform	20.0	19.8	99	80-120	
Chloromethane	20.0	17.2	86	39-134	
cis-1,2-Dichloroethene	20.0	19.5	97	80-125	
cis-1,3-Dichloropropene	20.0	18.9	95	75-120	
Dibromochloromethane	20.0	20.3	102	71-120	
Ethylbenzene	20.0	18.7	94	80-120	
Methyl tert-butyl ether	20.0	17.2	86	69-122	
Methylene Chloride	20.0	20.4	102	80-120	
Styrene	20.0	18.4	92	80-120	
Tetrachloroethene	20.0	17.7	88	80-120	
Toluene	20.0	18.8	94	80-120	
trans-1,2-Dichloroethene	20.0	20.8	104	80-126	
trans-1,3-Dichloropropene	20.0	19.6	98	67-120	
Trichloroethene	20.0	18.9	95	80-120	
Vinyl chloride	20.0	17.4	87	56-120	
Xylenes, Total	60.0	54.7	91	80-120	

Column to be used to flag recovery and RPD values

FORM III 8260D

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UL10X33.D

Lab ID: LCS 410-669730/4 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	99	79-120	
1,1,1-Trichloroethane	20.0	19.0	95	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.3	101	72-120	
1,1,2-Trichloroethane	20.0	19.4	97	80-120	
1,1-Dichloroethane	20.0	20.4	102	80-120	
1,1-Dichloroethene	20.0	19.4	97	80-131	
1,2-Dibromoethane (EDB)	20.0	19.3	96	77-120	
1,2-Dichloroethane	20.0	19.4	97	73-124	
1,2-Dichloropropane	20.0	20.1	100	80-120	
2-Butanone (MEK)	250	250	100	59-135	
2-Hexanone	250	270	108	56-135	
4-Methyl-2-pentanone (MIBK)	250	254	102	62-133	
Acetone	250	286	114	57-143	
Benzene	20.0	18.9	95	80-120	
Bromochloromethane	20.0	18.3	92	80-120	
Bromodichloromethane	20.0	20.2	101	71-120	
Bromoform	20.0	20.7	103	51-120	
Bromomethane	20.0	16.8	84	53-128	
Carbon disulfide	20.0	18.3	92	65-128	
Carbon tetrachloride	20.0	20.1	101	64-134	
Chlorobenzene	20.0	18.9	94	80-120	
Chloroethane	20.0	18.8	94	55-123	
Chloroform	20.0	19.4	97	80-120	
Chloromethane	20.0	17.9	89	39-134	
cis-1,2-Dichloroethene	20.0	19.1	95	80-125	
cis-1,3-Dichloropropene	20.0	19.2	96	75-120	
Dibromochloromethane	20.0	20.4	102	71-120	
Ethylbenzene	20.0	18.5	93	80-120	
Methyl tert-butyl ether	20.0	17.3	86	69-122	
Methylene Chloride	20.0	19.8	99	80-120	
Styrene	20.0	18.1	91	80-120	
Tetrachloroethene	20.0	17.7	88	80-120	
Toluene	20.0	18.6	93	80-120	
trans-1,2-Dichloroethene	20.0	20.4	102	80-126	
trans-1,3-Dichloropropene	20.0	19.6	98	67-120	
Trichloroethene	20.0	18.6	93	80-120	
Vinyl chloride	20.0	17.3	86	56-120	
Xylenes, Total	60.0	53.7	90	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.: 410-229797-1

SDG No.:

Matrix: Water Level: Low Lab File ID: WL08X37.D

Lab ID: LCSD 410-668460/5 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	21.1	105	5	30	79-120	
1,1,1-Trichloroethane	20.0	20.1	100	2	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	19.6	98	6	30	72-120	
1,1,2-Trichloroethane	20.0	19.7	99	2	30	80-120	
1,1-Dichloroethane	20.0	19.8	99	2	30	80-120	
1,1-Dichloroethene	20.0	21.8	109	3	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.5	98	3	30	77-120	
1,2-Dichloroethane	20.0	18.3	91	1	30	73-124	
1,2-Dichloropropane	20.0	19.6	98	4	30	80-120	
2-Butanone (MEK)	250	232	93	3	30	59-135	
2-Hexanone	250	247	99	3	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	241	96	4	30	62-133	
Acetone	250	310	124	10	30	57-143	
Benzene	20.0	19.6	98	1	30	80-120	
Bromochloromethane	20.0	19.7	99	3	30	80-120	
Bromodichloromethane	20.0	19.6	98	1	30	71-120	
Bromoform	20.0	22.0	110	2	30	51-120	
Bromomethane	20.0	18.7	94	3	30	53-128	
Carbon disulfide	20.0	19.5	97	3	30	65-128	
Carbon tetrachloride	20.0	21.0	105	2	30	64-134	
Chlorobenzene	20.0	20.2	101	2	30	80-120	
Chloroethane	20.0	18.4	92	3	30	55-123	
Chloroform	20.0	17.9	90	2	30	80-120	
Chloromethane	20.0	18.1	91	5	30	39-134	
cis-1,2-Dichloroethene	20.0	19.6	98	1	30	80-125	
cis-1,3-Dichloropropene	20.0	17.7	89	3	30	75-120	
Dibromochloromethane	20.0	21.3	107	5	30	71-120	
Ethylbenzene	20.0	20.0	100	2	30	80-120	
Methyl tert-butyl ether	20.0	17.1	86	2	30	69-122	
Methylene Chloride	20.0	20.2	101	2	30	80-120	
Styrene	20.0	20.2	101	4	30	80-120	
Tetrachloroethene	20.0	27.0	135	4	30	80-120	*+
Toluene	20.0	20.3	102	3	30	80-120	
trans-1,2-Dichloroethene	20.0	20.9	104	3	30	80-126	
trans-1,3-Dichloropropene	20.0	18.5	92	3	30	67-120	
Trichloroethene	20.0	19.4	97	0	30	80-120	
Vinyl chloride	20.0	17.8	89	3	30	56-120	
Xylenes, Total	60.0	60.8	101	3	30	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.: 410-229797-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UL09X34.D

Lab ID: LCSD 410-669131/5 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	19.7	99	1	30	79-120	
1,1,1-Trichloroethane	20.0	19.2	96	2	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.5	102	1	30	72-120	
1,1,2-Trichloroethane	20.0	19.4	97	1	30	80-120	
1,1-Dichloroethane	20.0	20.3	102	2	30	80-120	
1,1-Dichloroethene	20.0	19.9	100	1	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.2	96	1	30	77-120	
1,2-Dichloroethane	20.0	19.6	98	1	30	73-124	
1,2-Dichloropropane	20.0	19.9	99	0	30	80-120	
2-Butanone (MEK)	250	250	100	0	30	59-135	
2-Hexanone	250	272	109	1	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	255	102	1	30	62-133	
Acetone	250	282	113	1	30	57-143	
Benzene	20.0	18.9	95	1	30	80-120	
Bromochloromethane	20.0	18.5	93	1	30	80-120	
Bromodichloromethane	20.0	20.1	101	1	30	71-120	
Bromoform	20.0	20.9	104	0	30	51-120	
Bromomethane	20.0	17.5	88	2	30	53-128	
Carbon disulfide	20.0	18.2	91	3	30	65-128	
Carbon tetrachloride	20.0	20.2	101	1	30	64-134	
Chlorobenzene	20.0	19.0	95	0	30	80-120	
Chloroethane	20.0	19.3	97	0	30	55-123	
Chloroform	20.0	19.5	98	1	30	80-120	
Chloromethane	20.0	17.1	86	0	30	39-134	
cis-1,2-Dichloroethene	20.0	19.1	96	2	30	80-125	
cis-1,3-Dichloropropene	20.0	19.0	95	0	30	75-120	
Dibromochloromethane	20.0	20.0	100	1	30	71-120	
Ethylbenzene	20.0	18.6	93	1	30	80-120	
Methyl tert-butyl ether	20.0	17.2	86	0	30	69-122	
Methylene Chloride	20.0	20.3	101	1	30	80-120	
Styrene	20.0	18.2	91	1	30	80-120	
Tetrachloroethene	20.0	17.6	88	0	30	80-120	
Toluene	20.0	18.9	95	0	30	80-120	
trans-1,2-Dichloroethene	20.0	20.2	101	2	30	80-126	
trans-1,3-Dichloropropene	20.0	19.8	99	1	30	67-120	
Trichloroethene	20.0	18.6	93	2	30	80-120	
Vinyl chloride	20.0	17.5	88	1	30	56-120	
Xylenes, Total	60.0	54.0	90	1	30	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.: 410-229797-1

SDG No.:

Matrix: Water Level: Low Lab File ID: UL10X34.D

Lab ID: LCSD 410-669730/5 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	19.5	98	2	30	79-120	
1,1,1-Trichloroethane	20.0	18.6	93	2	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	19.9	100	2	30	72-120	
1,1,2-Trichloroethane	20.0	19.2	96	1	30	80-120	
1,1-Dichloroethane	20.0	20.2	101	1	30	80-120	
1,1-Dichloroethene	20.0	19.1	95	2	30	80-131	
1,2-Dibromoethane (EDB)	20.0	19.0	95	1	30	77-120	
1,2-Dichloroethane	20.0	19.2	96	1	30	73-124	
1,2-Dichloropropane	20.0	19.6	98	2	30	80-120	
2-Butanone (MEK)	250	255	102	2	30	59-135	
2-Hexanone	250	275	110	2	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	257	103	1	30	62-133	
Acetone	250	283	113	1	30	57-143	
Benzene	20.0	18.7	94	1	30	80-120	
Bromochloromethane	20.0	18.2	91	1	30	80-120	
Bromodichloromethane	20.0	20.1	100	1	30	71-120	
Bromoform	20.0	20.4	102	1	30	51-120	
Bromomethane	20.0	16.3	81	3	30	53-128	
Carbon disulfide	20.0	18.3	91	0	30	65-128	
Carbon tetrachloride	20.0	19.6	98	2	30	64-134	
Chlorobenzene	20.0	18.5	93	2	30	80-120	
Chloroethane	20.0	18.3	91	3	30	55-123	
Chloroform	20.0	19.2	96	1	30	80-120	
Chloromethane	20.0	17.4	87	3	30	39-134	
cis-1,2-Dichloroethene	20.0	19.0	95	0	30	80-125	
cis-1,3-Dichloropropene	20.0	19.3	97	0	30	75-120	
Dibromochloromethane	20.0	20.1	100	1	30	71-120	
Ethylbenzene	20.0	18.1	91	2	30	80-120	
Methyl tert-butyl ether	20.0	16.5	83	5	30	69-122	
Methylene Chloride	20.0	19.5	98	1	30	80-120	
Styrene	20.0	17.9	89	1	30	80-120	
Tetrachloroethene	20.0	17.3	87	2	30	80-120	
Toluene	20.0	18.4	92	1	30	80-120	
trans-1,2-Dichloroethene	20.0	20.0	100	2	30	80-126	
trans-1,3-Dichloropropene	20.0	19.7	99	1	30	67-120	
Trichloroethene	20.0	18.5	93	0	30	80-120	
Vinyl chloride	20.0	16.8	84	3	30	56-120	
Xylenes, Total	60.0	53.1	89	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.: 410-229797-1

SDG No.:

Lab File ID: WL08X39.D Lab Sample ID: MB 410-668460/7

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

Instrument ID: 9137 Date Analyzed: 07/08/2025 23:52

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 410-668460/4	WL08X36.D	07/08/2025 22:46
	LCSD 410-668460/5	WL08X37.D	07/08/2025 23:08
HD-MW-166-0/1-0	410-229797-1	WL08X49.D	07/09/2025 03:46
HD-MW-167-0/1-0	410-229797-2	WL08X50.D	07/09/2025 04:08
HD-MW-168-0/1-0	410-229797-3	WL08X51.D	07/09/2025 04:30

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: UL09X36.D Lab Sample ID: MB 410-669131/7

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

Instrument ID: 23090 Date Analyzed: 07/09/2025 22:16

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 410-669131/4	UL09X33.D	07/09/2025 21:14
	LCSD 410-669131/5	UL09X34.D	07/09/2025 21:35
HD-MW-166-0/1-0 RA	410-229797-1 RA	UL09X40.D	07/09/2025 23:38
HD-MW-167-0/1-0 RA	410-229797-2 RA	UL09X41.D	07/09/2025 23:59

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: UL10X36.D Lab Sample ID: MB 410-669730/7

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

Instrument ID: 23090 Date Analyzed: 07/10/2025 22:38

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 410-669730/4	UL10X33.D	07/10/2025 21:37
	LCSD 410-669730/5	UL10X34.D	07/10/2025 21:57
HD-MW-168-0/1-0	410-229797-3	UL10X41.D	07/11/2025 00:21

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: UU17T03.D BFB Injection Date: 06/17/2025

Instrument ID: 23090 BFB Injection Time: 15:18

Analysis Batch No.: 658909

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	15.3	
75	30.0 - 60.0 % of mass 95	45.0	
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	0.8	(1.0) 1
174	Greater than 50% of mass 95	78.6	
175	5.0 - 9.0 % of mass 174	5.9	(7.5) 1
176	95.0 - 101.0 % of mass 174	76.4	(97.2) 1
177	5.0 - 9.0 % of mass 176	4.9	(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 410-658909/3	UU17X03.D	06/17/2025	15:54
	IC 410-658909/4	UU17X04.D	06/17/2025	16:15
	IC 410-658909/5	UU17X05.D	06/17/2025	16:35
	IC 410-658909/6	UU17X06.D	06/17/2025	16:56
	IC 410-658909/7	UU17X07.D	06/17/2025	17:17
	IC 410-658909/8	UU17X08.D	06/17/2025	17:38
	IC 410-658909/12	UU17X12.D	06/17/2025	19:00
	IC 410-658909/13	UU17X13.D	06/17/2025	19:20
	IC 410-658909/14	UU17X14.D	06/17/2025	19:41
	IC 410-658909/15	UU17X15.D	06/17/2025	20:01
	ICIS 410-658909/16	UU17X16.D	06/17/2025	20:22
	IC 410-658909/17	UU17X17.D	06/17/2025	20:42
	IC 410-658909/18	UU17X18.D	06/17/2025	21:03
	ICV 410-658909/20	UU17X20.D	06/17/2025	21:44

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: UL09T31.D BFB Injection Date: 07/09/2025

Instrument ID: 23090 BFB Injection Time: 20:15

Analysis Batch No.: 669131

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.3	
75	30.0 - 60.0 % of mass 95	47.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.8	(1.1) 1
174	Greater than 50% of mass 95	71.7	
175	5.0 - 9.0 % of mass 174	5.5	(7.7) 1
176	95.0 - 101.0 % of mass 174	69.1	(96.3) 1
177	5.0 - 9.0 % of mass 176	4.7	(6.8) 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 410-669131/3	UL09X32.D	07/09/2025	20:53
	LCS 410-669131/4	UL09X33.D	07/09/2025	21:14
	LCSD 410-669131/5	UL09X34.D	07/09/2025	21:35
	MB 410-669131/7	UL09X36.D	07/09/2025	22:16
HD-MW-166-0/1-0 RA	410-229797-1 RA	UL09X40.D	07/09/2025	23:38
HD-MW-167-0/1-0 RA	410-229797-2 RA	UL09X41.D	07/09/2025	23:59

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: UL10T31.D BFB Injection Date: 07/10/2025

Instrument ID: 23090 BFB Injection Time: 20:30

Analysis Batch No.: 669730

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.1	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.8	(1.1) 1
174	Greater than 50% of mass 95	74.0	
175	5.0 - 9.0 % of mass 174	5.5	(7.5) 1
176	95.0 - 101.0 % of mass 174	71.4	(96.5) 1
177	5.0 - 9.0 % of mass 176	4.7	(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
	CCVIS 410-669730/3	UL10X32.D	07/10/2025	21:16
	LCS 410-669730/4	UL10X33.D	07/10/2025	21:37
	LCSD 410-669730/5	UL10X34.D	07/10/2025	21:57
	MB 410-669730/7	UL10X36.D	07/10/2025	22:38
HD-MW-168-0/1-0	410-229797-3	UL10X41.D	07/11/2025	0:21

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: WU23T01.D BFB Injection Date: 06/23/2025

Instrument ID: 9137 BFB Injection Time: 14:51

Analysis Batch No.: 661307

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.0	
75	30.0 - 60.0 % of mass 95	45.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.7	
173	Less than 2.0 % of mass 174	0.2	(0.3) 1
174	Greater than 50% of mass 95	79.4	
175	5.0 - 9.0 % of mass 174	6.0	(7.6) 1
176	95.0 - 101.0 % of mass 174	77.7	(97.9) 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
	IC 410-661307/3	WU23X02.D	06/23/2025	15:31
	IC 410-661307/4	WU23X03.D	06/23/2025	15:53
	IC 410-661307/5	WU23X04.D	06/23/2025	16:15
	IC 410-661307/6	WU23X05.D	06/23/2025	16:37
	IC 410-661307/7	WU23X06.D	06/23/2025	17:00
	IC 410-661307/8	WU23X07.D	06/23/2025	17:22
	IC 410-661307/12	WU23X11.D	06/23/2025	18:50
	IC 410-661307/13	WU23X12.D	06/23/2025	19:12
	IC 410-661307/14	WU23X13.D	06/23/2025	19:34
	IC 410-661307/15	WU23X14.D	06/23/2025	19:56
	ICIS 410-661307/16	WU23X15.D	06/23/2025	20:18
	IC 410-661307/17	WU23X16.D	06/23/2025	20:40
	IC 410-661307/18	WU23X17.D	06/23/2025	21:02
	ICV 410-661307/20	WU23X19.D	06/23/2025	21:47

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab File ID: WL08T34.D BFB Injection Date: 07/08/2025

Instrument ID: 9137 BFB Injection Time: 21:37

Analysis Batch No.: 668460

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.4	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.5	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	86.1	
175	5.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	95.0 - 101.0 % of mass 174	83.3	(96.8) 1
177	5.0 - 9.0 % of mass 176	5.7	(6.8) 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 410-668460/3	WL08X35.D	07/08/2025	22:24
	LCS 410-668460/4	WL08X36.D	07/08/2025	22:46
	LCSD 410-668460/5	WL08X37.D	07/08/2025	23:08
	MB 410-668460/7	WL08X39.D	07/08/2025	23:52
HD-MW-166-0/1-0	410-229797-1	WL08X49.D	07/09/2025	3:46
HD-MW-167-0/1-0	410-229797-2	WL08X50.D	07/09/2025	4:08
HD-MW-168-0/1-0	410-229797-3	WL08X51.D	07/09/2025	4:30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Sample No.: ICIS 410-658909/16 Date Analyzed: 06/17/2025 20:22

Instrument ID: 23090 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): UU17X16.D Heated Purge: (Y/N) N

Calibration ID: 73831

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		423841	4.23	1125904	7.70	759754	11.21
UPPER LIMIT		847682	4.73	2251808	8.20	1519508	11.71
LOWER LIMIT		211921	3.73	562952	7.20	379877	10.71
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-658909/20		448997	4.23	1112089	7.70	760268	11.21
CCVIS 410-669131/3		339697	4.20	961337	7.70	656681	11.20
CCVIS 410-669730/3		353746	4.20	969216	7.70	654230	11.20

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.: 410-229797-1

SDG No.:

Sample No.: ICIS 410-658909/16 Date Analyzed: 06/17/2025 20:22

Instrument ID: 23090 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): UU17X16.D Heated Purge: (Y/N) N

Calibration ID: 73831

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		402819	13.14				
UPPER LIMIT		805638	13.64				
LOWER LIMIT		201410	12.64				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-658909/20		414390	13.14				
CCVIS 410-669131/3		343313	13.12				
CCVIS 410-669730/3		338029	13.12				

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.: 410-229797-1

SDG No.:

Sample No.: CCVIS 410-669131/3 Date Analyzed: 07/09/2025 20:53

Instrument ID: 23090 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): UL09X32.D Heated Purge: (Y/N) N

Calibration ID: 73831

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		339697	4.20	961337	7.70	656681	11.20
UPPER LIMIT		679394	4.70	1922674	8.20	1313362	11.70
LOWER LIMIT		169849	3.70	480669	7.20	328341	10.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-669131/4		336941	4.22	965022	7.71	646768	11.20
LCSD 410-669131/5		344507	4.19	983406	7.70	656656	11.20
MB 410-669131/7		334955	4.21	910191	7.70	612068	11.20
410-229797-1 RA	HD-MW-166-0/1-0 RA	324750	4.22	917080	7.71	608273	11.20
410-229797-2 RA	HD-MW-167-0/1-0 RA	305498	4.20	876296	7.70	586253	11.20

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.: 410-229797-1

SDG No.:

Sample No.: CCVIS 410-669131/3 Date Analyzed: 07/09/2025 20:53

Instrument ID: 23090 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): UL09X32.D Heated Purge: (Y/N) N

Calibration ID: 73831

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		343313	13.12				
UPPER LIMIT		686626	13.62				
LOWER LIMIT		171657	12.62				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-669131/4		340904	13.13				
LCSD 410-669131/5		341718	13.12				
MB 410-669131/7		331031	13.12				
410-229797-1 RA	HD-MW-166-0/1-0 RA	328475	13.13				
410-229797-2 RA	HD-MW-167-0/1-0 RA	321169	13.12				

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.: 410-229797-1

SDG No.:

Sample No.: CCVIS 410-669730/3 Date Analyzed: 07/10/2025 21:16

Instrument ID: 23090 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): UL10X32.D Heated Purge: (Y/N) N

Calibration ID: 73831

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		353746	4.20	969216	7.70	654230	11.20
UPPER LIMIT		707492	4.70	1938432	8.20	1308460	11.70
LOWER LIMIT		176873	3.70	484608	7.20	327115	10.70
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-669730/4		353117	4.20	983540	7.70	662846	11.20
LCSD 410-669730/5		360001	4.22	1009549	7.71	683137	11.20
MB 410-669730/7		341607	4.21	960289	7.71	643655	11.20
410-229797-3	HD-MW-168-0/1-0	304324	4.21	906636	7.71	611194	11.20

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.: 410-229797-1

SDG No.:

Sample No.: CCVIS 410-669730/3 Date Analyzed: 07/10/2025 21:16

Instrument ID: 23090 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): UL10X32.D Heated Purge: (Y/N) N

Calibration ID: 73831

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		338029	13.12				
UPPER LIMIT		676058	13.62				
LOWER LIMIT		169015	12.62				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-669730/4		351670	13.12				
LCSD 410-669730/5		359484	13.12				
MB 410-669730/7		346291	13.12				
410-229797-3	HD-MW-168-0/1-0	334705	13.12				

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.: 410-229797-1

SDG No.:

Sample No.: ICIS 410-661307/16 Date Analyzed: 06/23/2025 20:18

Instrument ID: 9137 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): WU23X15.D Heated Purge: (Y/N) N

Calibration ID: 74004

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		342232	4.39	927463	7.81	675738	11.26
UPPER LIMIT		684464	4.89	1854926	8.31	1351476	11.76
LOWER LIMIT		171116	3.89	463732	7.31	337869	10.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-661307/20		326795	4.36	939320	7.80	674888	11.26
CCVIS 410-668460/3		229298	4.27	821780	7.80	606574	11.26

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.: 410-229797-1

SDG No.:

Sample No.: ICIS 410-661307/16 Date Analyzed: 06/23/2025 20:18

Instrument ID: 9137 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): WU23X15.D Heated Purge: (Y/N) N

Calibration ID: 74004

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		372882	13.14				
UPPER LIMIT		745764	13.64				
LOWER LIMIT		186441	12.64				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-661307/20		373911	13.14				
CCVIS 410-668460/3		336540	13.14				

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.: 410-229797-1

SDG No.:

Sample No.: CCVIS 410-668460/3 Date Analyzed: 07/08/2025 22:24

Instrument ID: 9137 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): WL08X35.D Heated Purge: (Y/N) N

Calibration ID: 74004

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		229298	4.27	821780	7.80	606574	11.26
UPPER LIMIT		458596	4.77	1643560	8.30	1213148	11.76
LOWER LIMIT		114649	3.77	410890	7.30	303287	10.76
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-668460/4		248717	4.34	836047	7.80	613808	11.26
LCSD 410-668460/5		235120	4.29	824139	7.80	596953	11.26
MB 410-668460/7		225167	4.35	797277	7.80	577837	11.26
410-229797-1	HD-MW-166-0/1-0	224523	4.34	766862	7.80	550268	11.26
410-229797-2	HD-MW-167-0/1-0	227015	4.35	782531	7.81	558201	11.26
410-229797-3	HD-MW-168-0/1-0	225465	4.31	761832	7.80	552932	11.26

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.: 410-229797-1

SDG No.:

Sample No.: CCVIS 410-668460/3 Date Analyzed: 07/08/2025 22:24

Instrument ID: 9137 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): WL08X35.D Heated Purge: (Y/N) N

Calibration ID: 74004

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		336540	13.14				
UPPER LIMIT		673080	13.64				
LOWER LIMIT		168270	12.64				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-668460/4		348765	13.14				
LCSD 410-668460/5		340735	13.14				
MB 410-668460/7		337057	13.14				
410-229797-1	HD-MW-166-0/1-0	319875	13.14				
410-229797-2	HD-MW-167-0/1-0	325873	13.14				
410-229797-3	HD-MW-168-0/1-0	322073	13.14				

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.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-229797-1

Matrix: Water
Lab File ID: WL08X49.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:17

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 03:46

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.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	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	^c cn	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	0.49	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
108-88-3	Toluene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-166-0/1-0
Lab Sample ID: 410-229797-1

Matrix: Water
Lab File ID: WL08X49.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:17

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 03:46

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.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	0.48	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)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		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\9137\20250708-152802.b\WL08X49.D
Lims ID: 410-229797-A-1
Client ID: HD-MW-166-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 03:46:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-017
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:51:39 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1648

First Level Reviewer: FQ4L Date: 09-Jul-2025 15:56:58

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Chloromethane	50		2.175				ND	
9 Vinyl chloride	62		2.293				ND	
11 Bromomethane	94		2.649				ND	
13 Chloroethane	64		2.720				ND	
21 1,1-Dichloroethene	96		3.606				ND	
22 Acetone	58		3.628				ND	
27 Carbon disulfide	76		3.946				ND	
* 35 t-Butyl alcohol-d10 (IS)	65	4.337	4.273	0.064	1	224523	250.0	
34 Methylene Chloride	84		4.280				ND	
39 Methyl tert-butyl ether	73		4.674				ND	
38 trans-1,2-Dichloroethene	96		4.690				ND	
41 1,1-Dichloroethane	63		5.361				ND	
47 2-Butanone (MEK)	43		6.163				ND	
48 cis-1,2-Dichloroethene	96		6.202				ND	
55 Chlorobromomethane	128		6.532				ND	
57 Chloroform	83	6.693	6.689	0.004	27	3639	0.4881	
$ 58 Dibromofluoromethane (Surr)	113	6.901	6.904	-0.003	93	184222	51.0	
59 1,1,1-Trichloroethane	97		6.920				ND	
62 Carbon tetrachloride	117		7.126				ND	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.363	7.357	0.006	55	47566	51.9	
67 Benzene	78		7.395				ND	
68 1,2-Dichloroethane	62		7.466				ND	
* 74 Fluorobenzene (IS)	96	7.800	7.797	0.003	99	766862	50.0	
77 Trichloroethene	95	8.275	8.278	-0.003	16	2090	0.4812	
80 1,2-Dichloropropane	63		8.618				ND	
86 Dichlorobromomethane	83		8.965				ND	
92 cis-1,3-Dichloropropene	75		9.510				ND	
93 4-Methyl-2-pentanone (MIBK)	43		9.680				ND	
$ 95 Toluene-d8 (Surr)	98	9.809	9.809	0.001	93	720848	49.1	
98 Toluene	92		9.886				ND	
125 trans-1,3-Dichloropropene	75		10.145				ND	
129 1,1,2-Trichloroethane	97		10.348				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
130 Tetrachloroethene	166	10.428	10.431	-0.003	95	7868	1.91	
134 2-Hexanone	43		10.559				ND	
136 Chlorodibromomethane	129		10.723				ND	
137 Ethylene Dibromide	107		10.832				ND	
S 138 Xylenes, Total	106		11.245				ND	7
* 139 Chlorobenzene-d5 (IS)	117	11.262	11.259	0.003	84	550268	50.0	
141 Chlorobenzene	112		11.288				ND	
142 1,1,1,2-Tetrachloroethane	131		11.368				ND	
143 Ethylbenzene	91		11.371				ND	7
144 m-Xylene & p-Xylene	106		11.487				ND	
146 o-Xylene	106		11.817				ND	
147 Styrene	104		11.830				ND	
148 Bromoform	173		11.987				ND	
$ 152 4-Bromofluorobenzene (Surr)	95	12.257	12.260	-0.003	92	256557	46.6	
153 1,1,2,2-Tetrachloroethane	83		12.363				ND	
* 167 1,4-Dichlorobenzene-d4	152	13.136	13.139	-0.003	94	319875	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

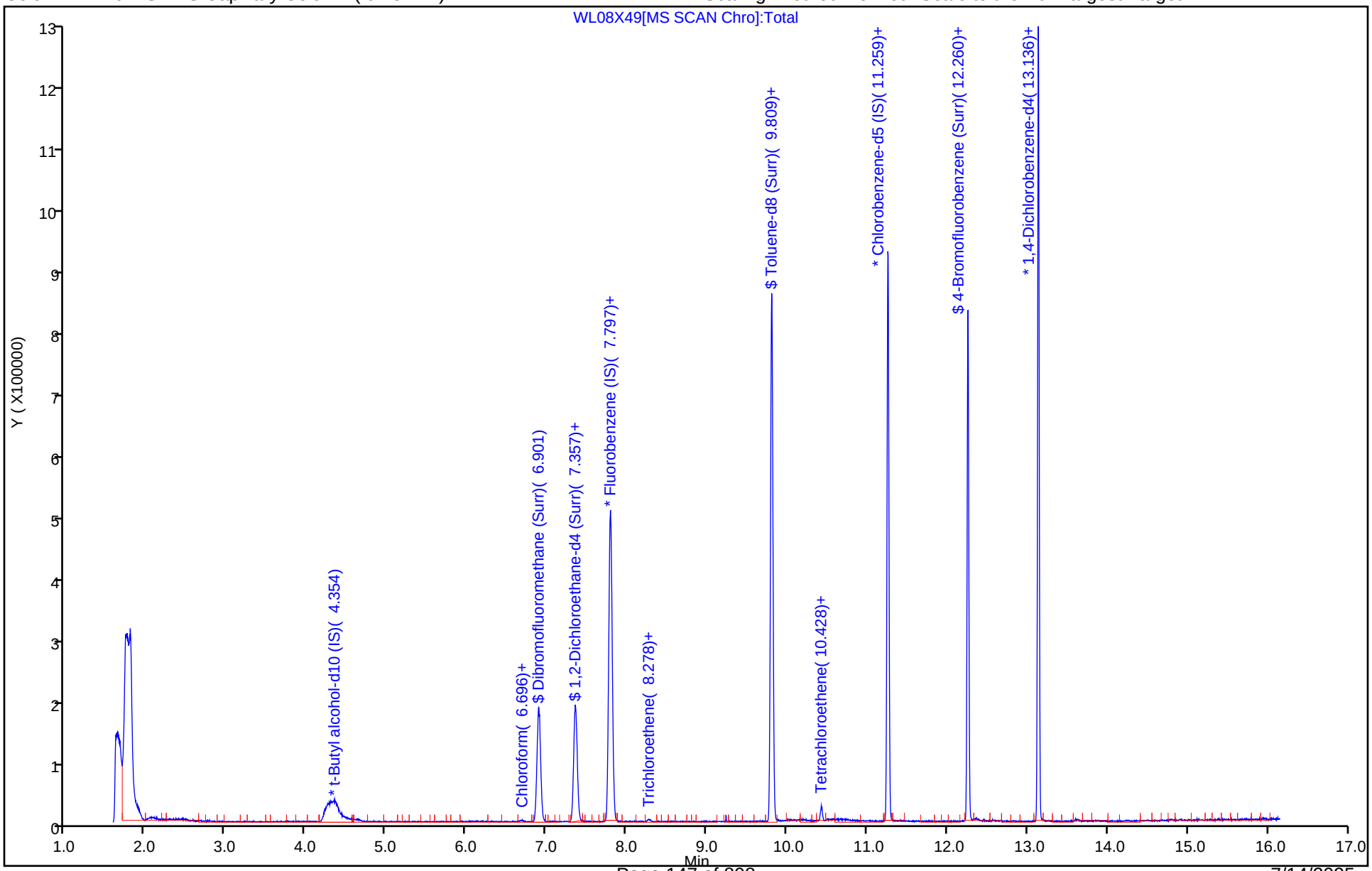
MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 09-Jul-2025 15:56:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X49.D				
Injection Date:	09-Jul-2025 03:46:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	410-229797-A-1	Lab Sample ID:	410-229797-1	Worklist Smp#:	17
Client ID:	HD-MW-166-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X49.D				
Lims ID:	410-229797-A-1				
Client ID:	HD-MW-166-0/1-0				
Sample Type:	Client				
Inject. Date:	09-Jul-2025 03:46:30	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0152802-017				
Operator ID:	AGD105956	Instrument ID:	9137		
Method:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m				
Limit Group:	MSV - 8260C_D				
Last Update:	09-Jul-2025 02:51:39	Calib Date:	23-Jun-2025 21:02:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1648				

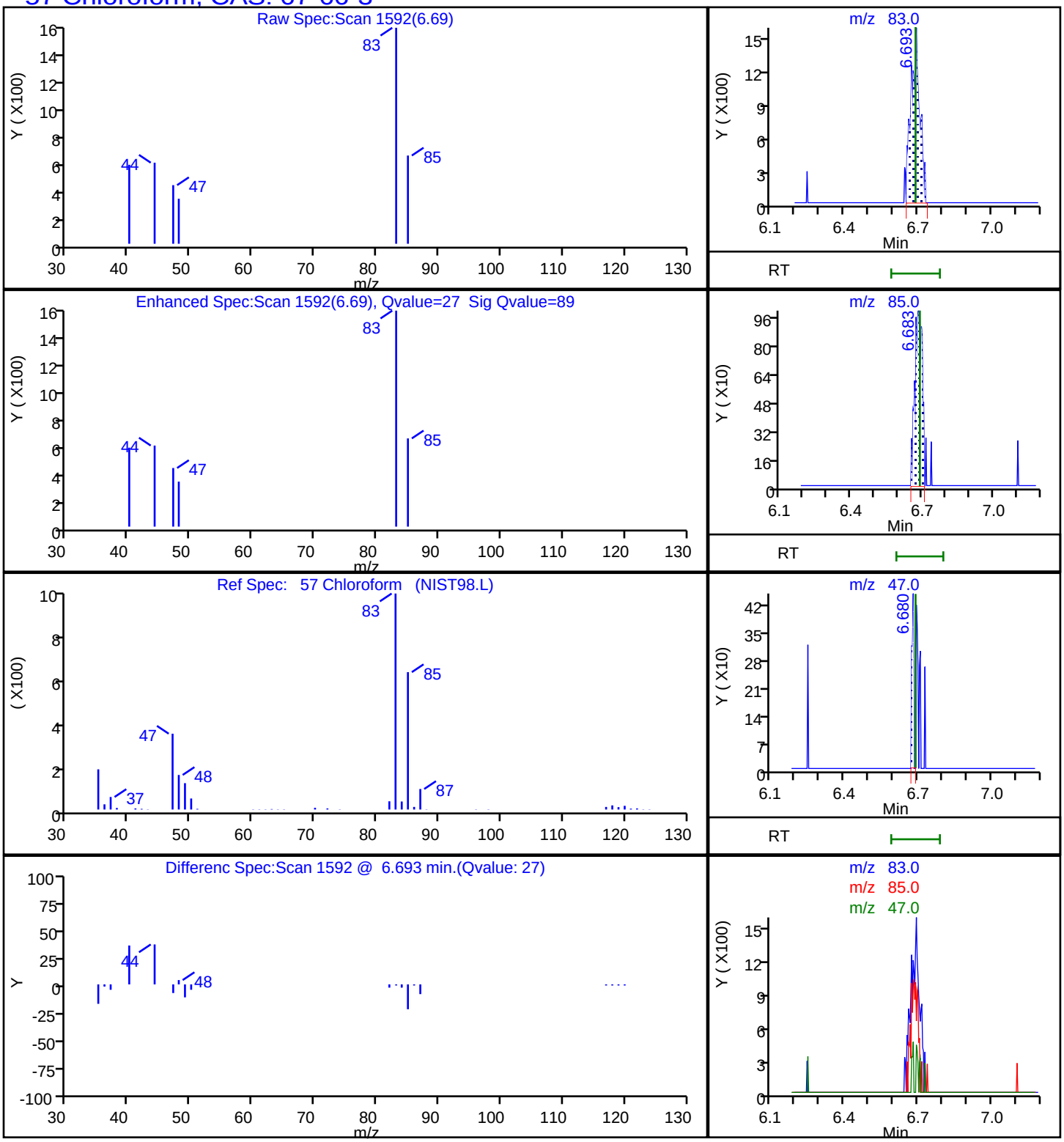
First Level Reviewer: FQ4L Date: 09-Jul-2025 15:56:58

Compound	Amount Added	Amount Recovered	% Rec.
$ 58 Dibromofluoromethane (Surr)	50.0	51.0	101.95
$ 66 1,2-Dichloroethane-d4 (Surr)	50.0	51.9	103.72
$ 95 Toluene-d8 (Surr)	50.0	49.1	98.28
$ 152 4-Bromofluorobenzene (Surr)	50.0	46.6	93.17

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X49.D				
Injection Date:	09-Jul-2025 03:46:30	Instrument ID:	9137		
Lims ID:	410-229797-A-1	Lab Sample ID:	410-229797-1		
Client ID:	HD-MW-166-0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

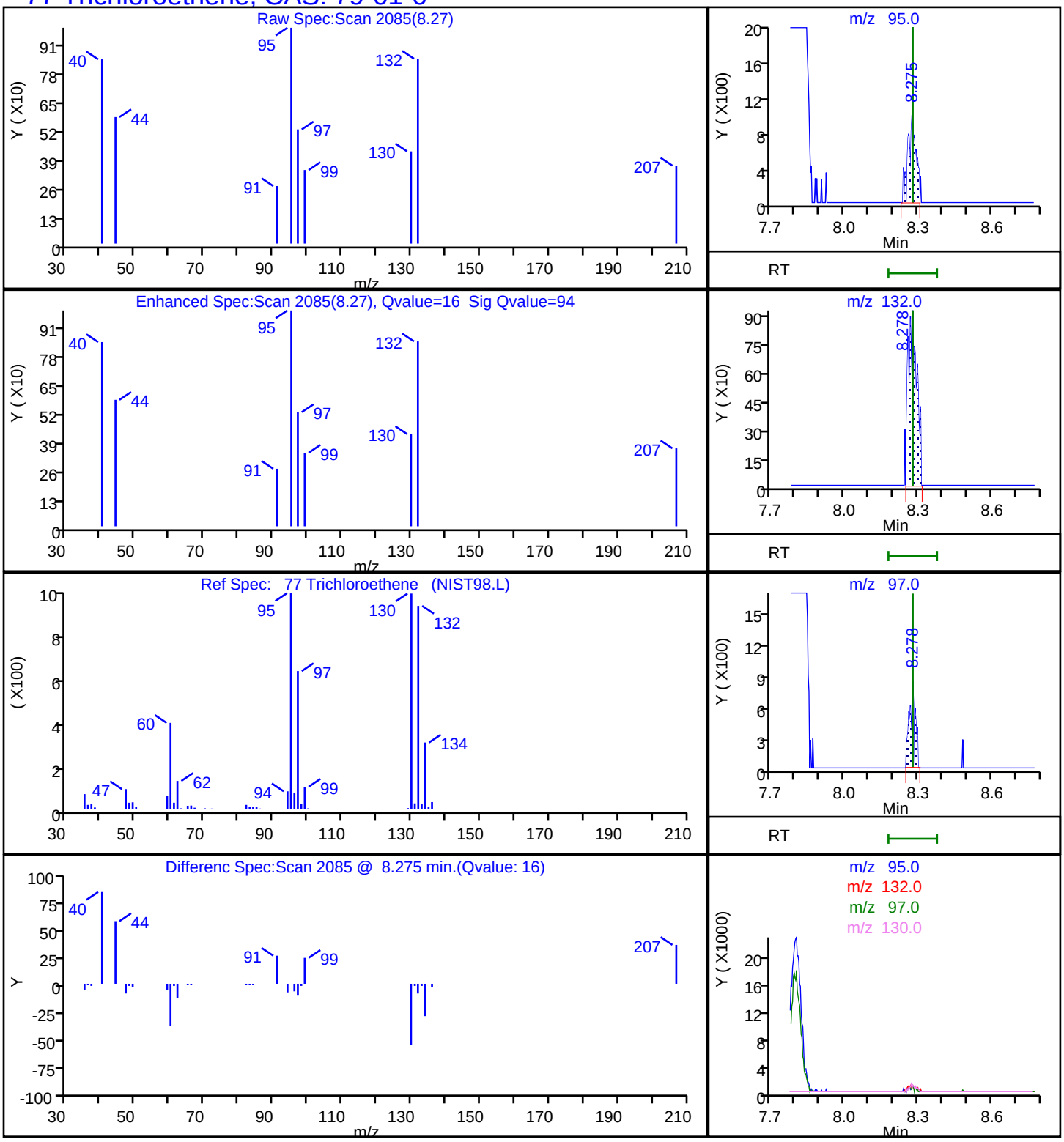
57 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X49.D				
Injection Date:	09-Jul-2025 03:46:30	Instrument ID:	9137		
Lims ID:	410-229797-A-1	Lab Sample ID:	410-229797-1		
Client ID:	HD-MW-166-0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

77 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-166-0/1-0 RA
Lab Sample ID: 410-229797-1 RA

Matrix: Water
Lab File ID: UL09X40.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:17

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 23:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	0.55	J	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X40.D
Lims ID: 410-229797-B-1
Client ID: HD-MW-166-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 23:38:38 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-011
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 12:16:31 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: DVW2 Date: 10-Jul-2025 12:05:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.099				ND	
6 Vinyl chloride	62		2.215				ND	
8 Bromomethane	94		2.575				ND	
9 Chloroethane	64		2.629				ND	
17 1,1-Dichloroethene	96		3.501				ND	
18 Acetone	58		3.513				ND	
22 Carbon disulfide	76		3.788				ND	
26 Methylene Chloride	84		4.172				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.215	4.202	0.013	31	324750	250.0	
31 trans-1,2-Dichloroethene	96		4.562				ND	
32 Methyl tert-butyl ether	73		4.568				ND	
34 1,1-Dichloroethane	63		5.251				ND	
39 2-Butanone (MEK)	43		6.080				ND	
40 cis-1,2-Dichloroethene	96		6.098				ND	
47 Chlorobromomethane	128		6.434				ND	
49 Chloroform	83	6.592	6.586	0.006	80	4846	0.5323	
$ 50 Dibromofluoromethane (Surr)	113	6.812	6.805	0.007	93	235262	53.2	
51 1,1,1-Trichloroethane	97		6.812				ND	
53 Carbon tetrachloride	117		7.025				ND	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	48	61441	52.7	
57 Benzene	78		7.293				ND	
58 1,2-Dichloroethane	62		7.372				ND	
* 61 Fluorobenzene (IS)	96	7.708	7.702	0.006	99	917080	50.0	
65 Trichloroethene	95		8.177				ND	
68 1,2-Dichloropropane	63		8.525				ND	
74 Dichlorobromomethane	83		8.866				ND	
77 cis-1,3-Dichloropropene	75		9.421				ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.598				ND	
$ 79 Toluene-d8 (Surr)	98	9.726	9.726	0.000	93	838441	50.1	
80 Toluene	92		9.805				ND	
120 trans-1,3-Dichloropropene	75		10.067				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
122 1,1,2-Trichloroethane	97		10.274				ND	
123 Tetrachloroethene	166	10.354	10.354	0.000	94	3019	0.5534	
126 2-Hexanone	43		10.494				ND	
128 Chlorodibromomethane	129		10.652				ND	
129 Ethylene Dibromide	107		10.762				ND	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	608273	50.0	
132 Chlorobenzene	112		11.225				ND	
S 133 Xylenes, Total	106		11.245				ND	7
134 1,1,1,2-Tetrachloroethane	131		11.311				ND	
135 Ethylbenzene	91		11.317				ND	
136 m-Xylene & p-Xylene	106		11.433				ND	
138 o-Xylene	106		11.768				ND	
139 Styrene	104		11.786				ND	
140 Bromoform	173		11.945				ND	
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	301258	50.1	
145 1,1,2,2-Tetrachloroethane	83		12.329				ND	
* 160 1,4-Dichlorobenzene-d4	152	13.128	13.121	0.007	95	328475	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

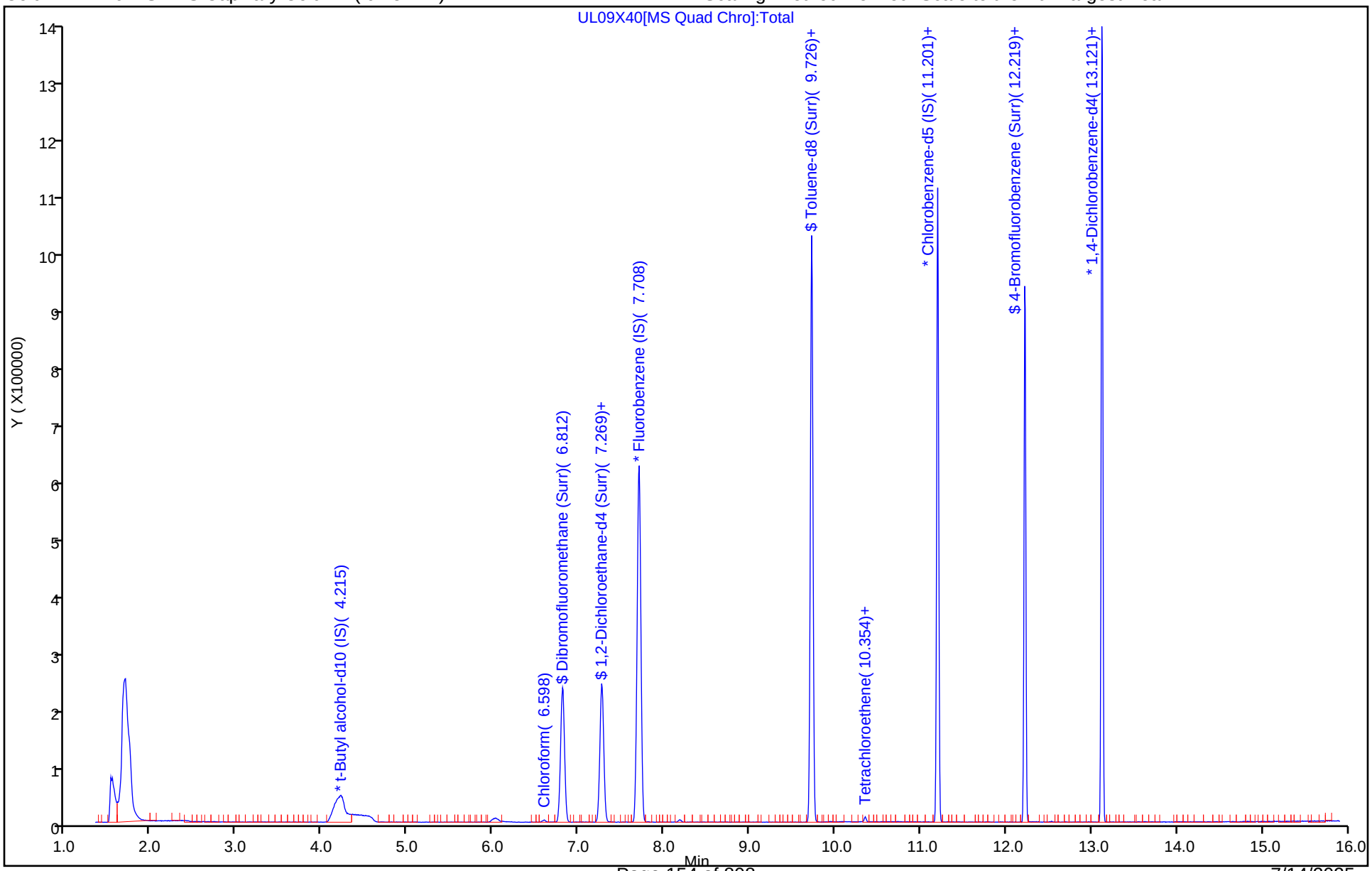
Report Date: 10-Jul-2025 12:16:55 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X40.D

Injection Date:	09-Jul-2025 23:38:38	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	410-229797-B-1	Lab Sample ID:	410-229797-1	Worklist Smp#:	11
Client ID:	HD-MW-166-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X40.D
Lims ID: 410-229797-B-1
Client ID: HD-MW-166-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 23:38:38 ALS Bottle#: 10 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-011
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 12:16:31 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

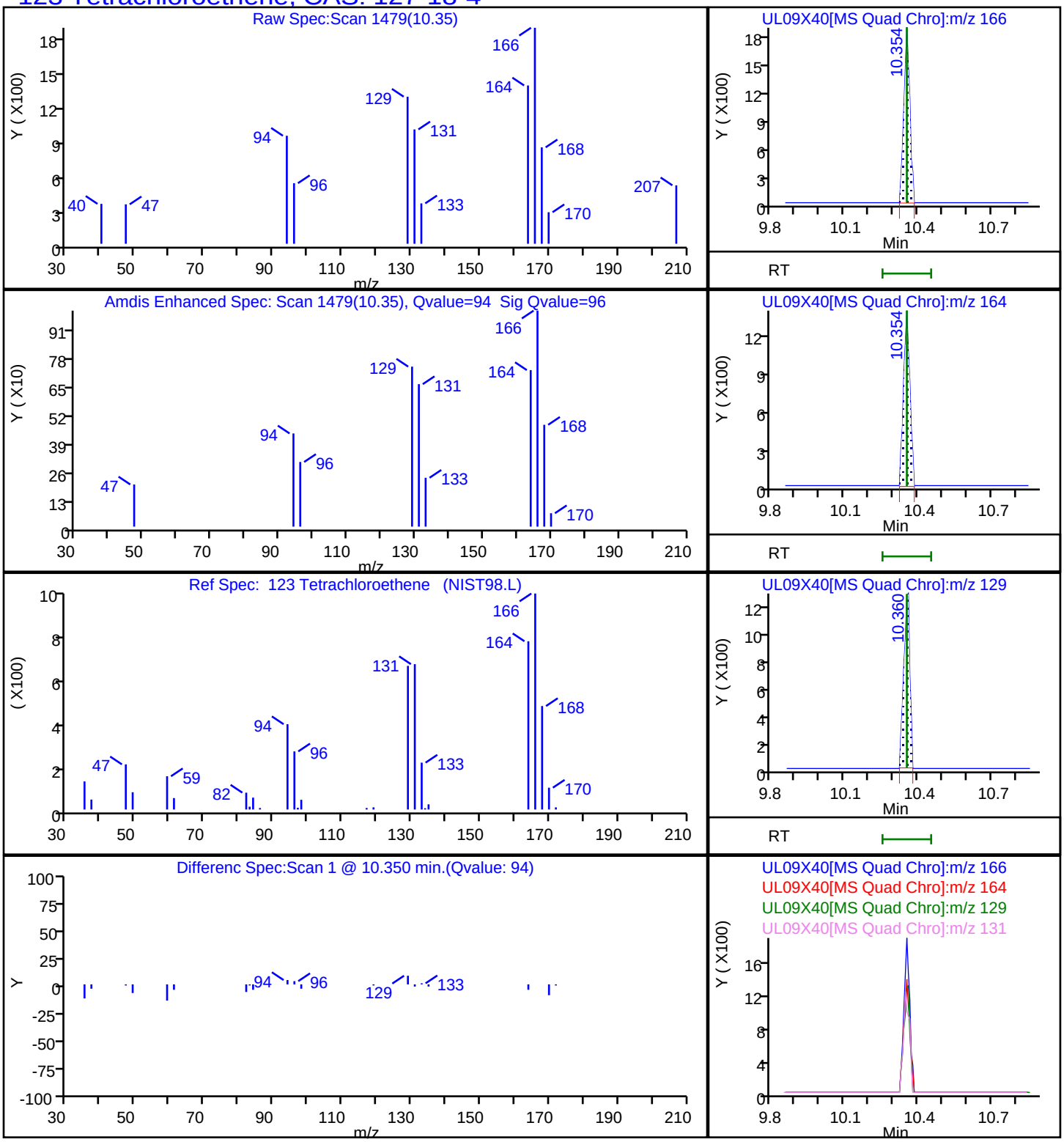
First Level Reviewer: DVW2 Date: 10-Jul-2025 12:05:38

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	53.2	106.41
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	52.7	105.41
$ 79 Toluene-d8 (Surr)	50.0	50.1	100.17
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.1	100.12

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X40.D				
Injection Date:	09-Jul-2025 23:38:38	Instrument ID:	23090		
Lims ID:	410-229797-B-1	Lab Sample ID:	410-229797-1		
Client ID:	HD-MW-166-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	10	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

123 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-229797-2

Matrix: Water
Lab File ID: WL08X50.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:10

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 04:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	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	^c cn	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
108-88-3	Toluene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-167-0/1-0
Lab Sample ID: 410-229797-2

Matrix: Water
Lab File ID: WL08X50.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:10

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 04:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
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	0.34	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X50.D
Lims ID: 410-229797-A-2
Client ID: HD-MW-167-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 04:08:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-018
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:51:39 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1648

First Level Reviewer: FQ4L Date: 09-Jul-2025 15:57:54

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Chloromethane	50		2.175				ND	
9 Vinyl chloride	62		2.293				ND	
11 Bromomethane	94		2.649				ND	
13 Chloroethane	64		2.720				ND	
21 1,1-Dichloroethene	96		3.606				ND	
22 Acetone	58		3.628				ND	
27 Carbon disulfide	76		3.946				ND	
* 35 t-Butyl alcohol-d10 (IS)	65	4.350	4.273	0.077	1	227015	250.0	
34 Methylene Chloride	84		4.280				ND	
39 Methyl tert-butyl ether	73		4.674				ND	
38 trans-1,2-Dichloroethene	96		4.690				ND	
41 1,1-Dichloroethane	63		5.361				ND	
47 2-Butanone (MEK)	43		6.163				ND	
48 cis-1,2-Dichloroethene	96		6.202				ND	
55 Chlorobromomethane	128		6.532				ND	
57 Chloroform	83	6.705	6.689	0.016	1	1460	0.1919	
$ 58 Dibromofluoromethane (Surr)	113	6.908	6.904	0.004	94	195444	53.0	
59 1,1,1-Trichloroethane	97		6.920				ND	
62 Carbon tetrachloride	117		7.126				ND	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.370	7.357	0.013	55	49550	52.9	
67 Benzene	78		7.395				ND	
68 1,2-Dichloroethane	62		7.466				ND	
* 74 Fluorobenzene (IS)	96	7.806	7.797	0.009	99	782531	50.0	
77 Trichloroethene	95	8.278	8.278	0.000	18	1512	0.3411	
80 1,2-Dichloropropane	63		8.618				ND	
86 Dichlorobromomethane	83		8.965				ND	
92 cis-1,3-Dichloropropene	75		9.510				ND	7
93 4-Methyl-2-pentanone (MIBK)	43		9.680				ND	
$ 95 Toluene-d8 (Surr)	98	9.815	9.809	0.007	93	734025	49.3	
98 Toluene	92		9.886				ND	
125 trans-1,3-Dichloropropene	75		10.145				ND	
129 1,1,2-Trichloroethane	97		10.348				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
130 Tetrachloroethene	166	10.428	10.431	-0.003	96	12069	2.89	
134 2-Hexanone	43		10.559				ND	
136 Chlorodibromomethane	129		10.723				ND	
137 Ethylene Dibromide	107		10.832				ND	
S 138 Xylenes, Total	106		11.245				ND	7
* 139 Chlorobenzene-d5 (IS)	117	11.262	11.259	0.003	84	558201	50.0	
141 Chlorobenzene	112		11.288				ND	
142 1,1,1,2-Tetrachloroethane	131		11.368				ND	
143 Ethylbenzene	91		11.371				ND	
144 m-Xylene & p-Xylene	106		11.487				ND	
146 o-Xylene	106		11.817				ND	
147 Styrene	104		11.830				ND	
148 Bromoform	173		11.987				ND	
$ 152 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	92	259592	46.5	
153 1,1,2,2-Tetrachloroethane	83		12.363				ND	
* 167 1,4-Dichlorobenzene-d4	152	13.139	13.139	0.000	94	325873	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

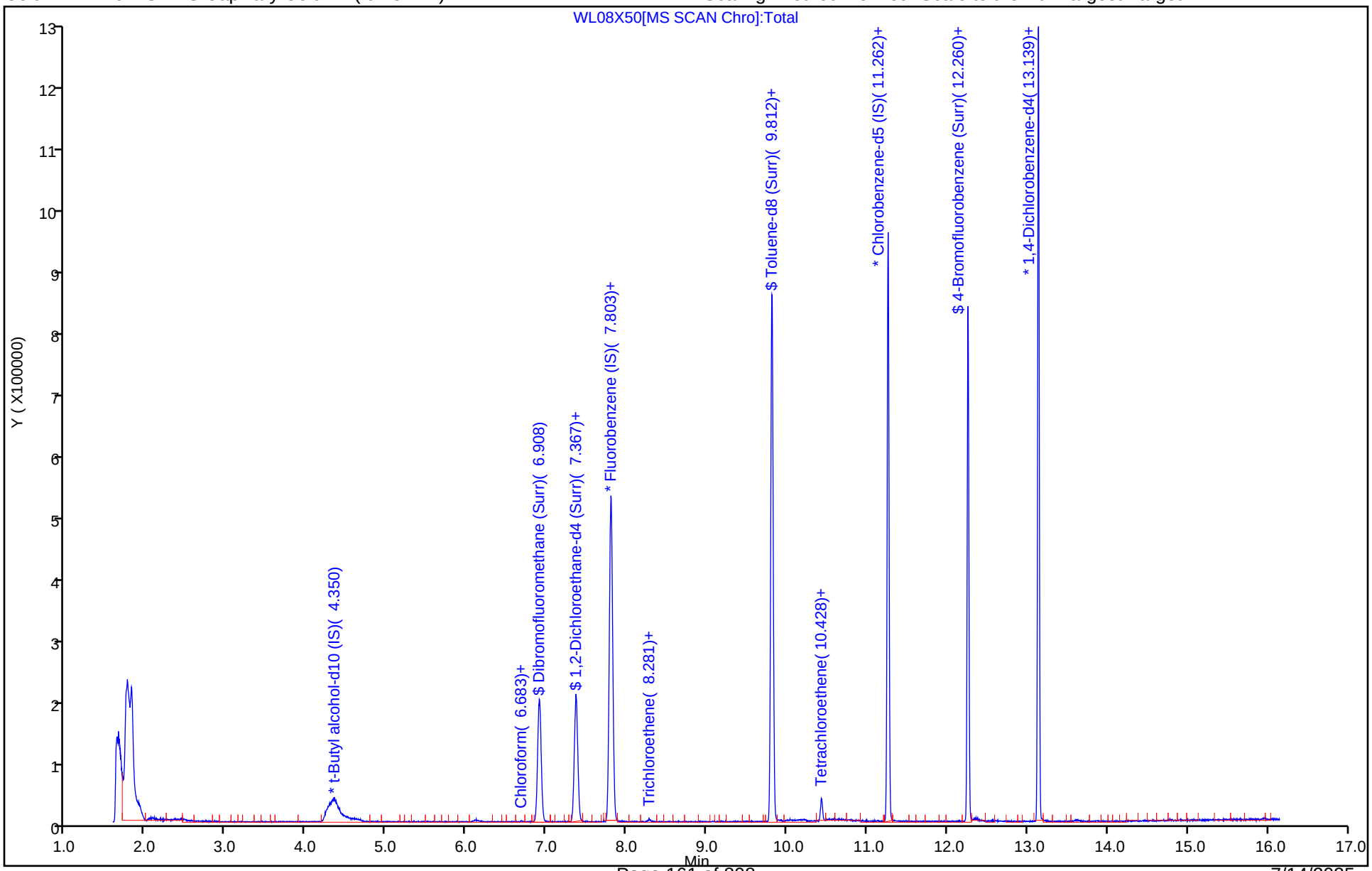
Report Date: 09-Jul-2025 15:57:55 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X50.D

Injection Date:	09-Jul-2025 04:08:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	410-229797-A-2	Lab Sample ID:	410-229797-2	Worklist Smp#:	18
Client ID:	HD-MW-167-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X50.D				
Lims ID:	410-229797-A-2				
Client ID:	HD-MW-167-0/1-0				
Sample Type:	Client				
Inject. Date:	09-Jul-2025 04:08:30	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0152802-018				
Operator ID:	AGD105956	Instrument ID:	9137		
Method:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m				
Limit Group:	MSV - 8260C_D				
Last Update:	09-Jul-2025 02:51:39	Calib Date:	23-Jun-2025 21:02:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1648				

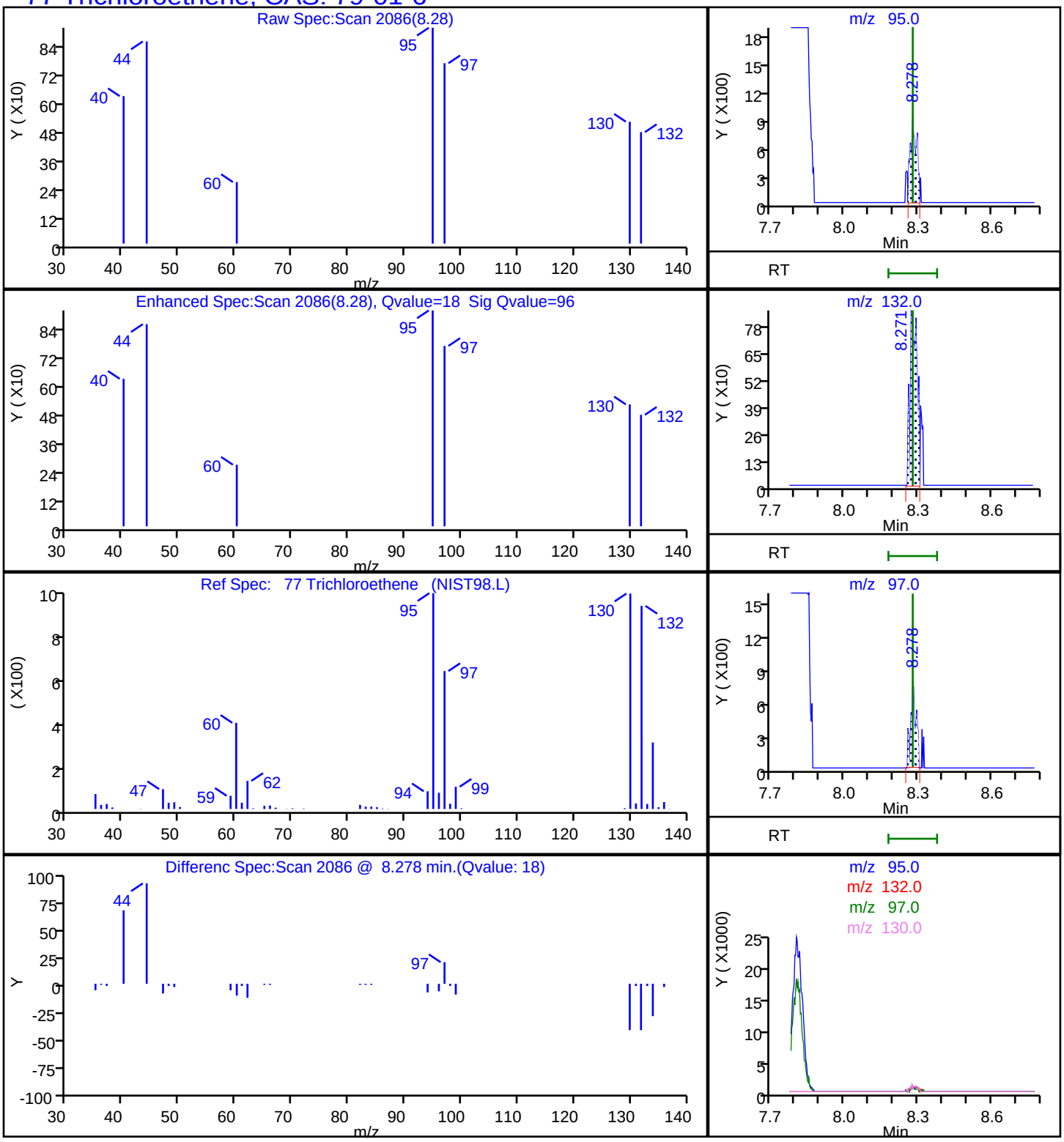
First Level Reviewer: FQ4L Date: 09-Jul-2025 15:57:54

Compound	Amount Added	Amount Recovered	% Rec.
$ 58 Dibromofluoromethane (Surr)	50.0	53.0	105.99
$ 66 1,2-Dichloroethane-d4 (Surr)	50.0	52.9	105.89
$ 95 Toluene-d8 (Surr)	50.0	49.3	98.65
$ 152 4-Bromofluorobenzene (Surr)	50.0	46.5	92.93

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X50.D				
Injection Date:	09-Jul-2025 04:08:30	Instrument ID:	9137		
Lims ID:	410-229797-A-2	Lab Sample ID:	410-229797-2		
Client ID:	HD-MW-167-0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

77 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-167-0/1-0 RA
Lab Sample ID: 410-229797-2 RA

Matrix: Water
Lab File ID: UL09X41.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:10

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 23:59

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.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	1.5		1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X41.D
Lims ID: 410-229797-B-2
Client ID: HD-MW-167-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 23:59:03 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-012
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 12:16:31 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

First Level Reviewer: DVW2 Date: 10-Jul-2025 12:06:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
4 Chloromethane	50		2.099				ND	
6 Vinyl chloride	62		2.215				ND	
8 Bromomethane	94		2.575				ND	
9 Chloroethane	64		2.629				ND	
17 1,1-Dichloroethene	96		3.501				ND	
18 Acetone	58		3.513				ND	
22 Carbon disulfide	76		3.788				ND	
26 Methylene Chloride	84		4.172				ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.196	4.202	-0.006	30	305498	250.0	
31 trans-1,2-Dichloroethene	96		4.562				ND	
32 Methyl tert-butyl ether	73		4.568				ND	
34 1,1-Dichloroethane	63		5.251				ND	
39 2-Butanone (MEK)	43		6.080				ND	
40 cis-1,2-Dichloroethene	96		6.098				ND	
47 Chlorobromomethane	128		6.434				ND	
49 Chloroform	83	6.580	6.586	-0.006	1	2301	0.2645	M
$ 50 Dibromofluoromethane (Surr)	113	6.805	6.805	0.000	93	222510	52.7	
51 1,1,1-Trichloroethane	97		6.812				ND	
53 Carbon tetrachloride	117		7.025				ND	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.269	-0.006	48	57475	51.6	
57 Benzene	78		7.293				ND	
58 1,2-Dichloroethane	62		7.372				ND	
* 61 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	876296	50.0	
65 Trichloroethene	95		8.177				ND	
68 1,2-Dichloropropane	63		8.525				ND	
74 Dichlorobromomethane	83		8.866				ND	
77 cis-1,3-Dichloropropene	75		9.421				ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.598				ND	
$ 79 Toluene-d8 (Surr)	98	9.726	9.726	0.000	93	806056	50.0	
80 Toluene	92		9.805				ND	
120 trans-1,3-Dichloropropene	75		10.067				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
122 1,1,2-Trichloroethane	97		10.274				ND	
123 Tetrachloroethene	166	10.347	10.354	-0.007	93	7937	1.51	
126 2-Hexanone	43		10.494				ND	
128 Chlorodibromomethane	129		10.652				ND	
129 Ethylene Dibromide	107		10.762				ND	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	586253	50.0	
132 Chlorobenzene	112		11.225				ND	
S 133 Xylenes, Total	106		11.245				ND	7
134 1,1,1,2-Tetrachloroethane	131		11.311				ND	
135 Ethylbenzene	91		11.317				ND	
136 m-Xylene & p-Xylene	106		11.433				ND	
138 o-Xylene	106		11.768				ND	
139 Styrene	104		11.786				ND	
140 Bromoform	173		11.945				ND	
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	288009	49.7	
145 1,1,2,2-Tetrachloroethane	83		12.329				ND	
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	95	321169	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

M - Manually Integrated

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

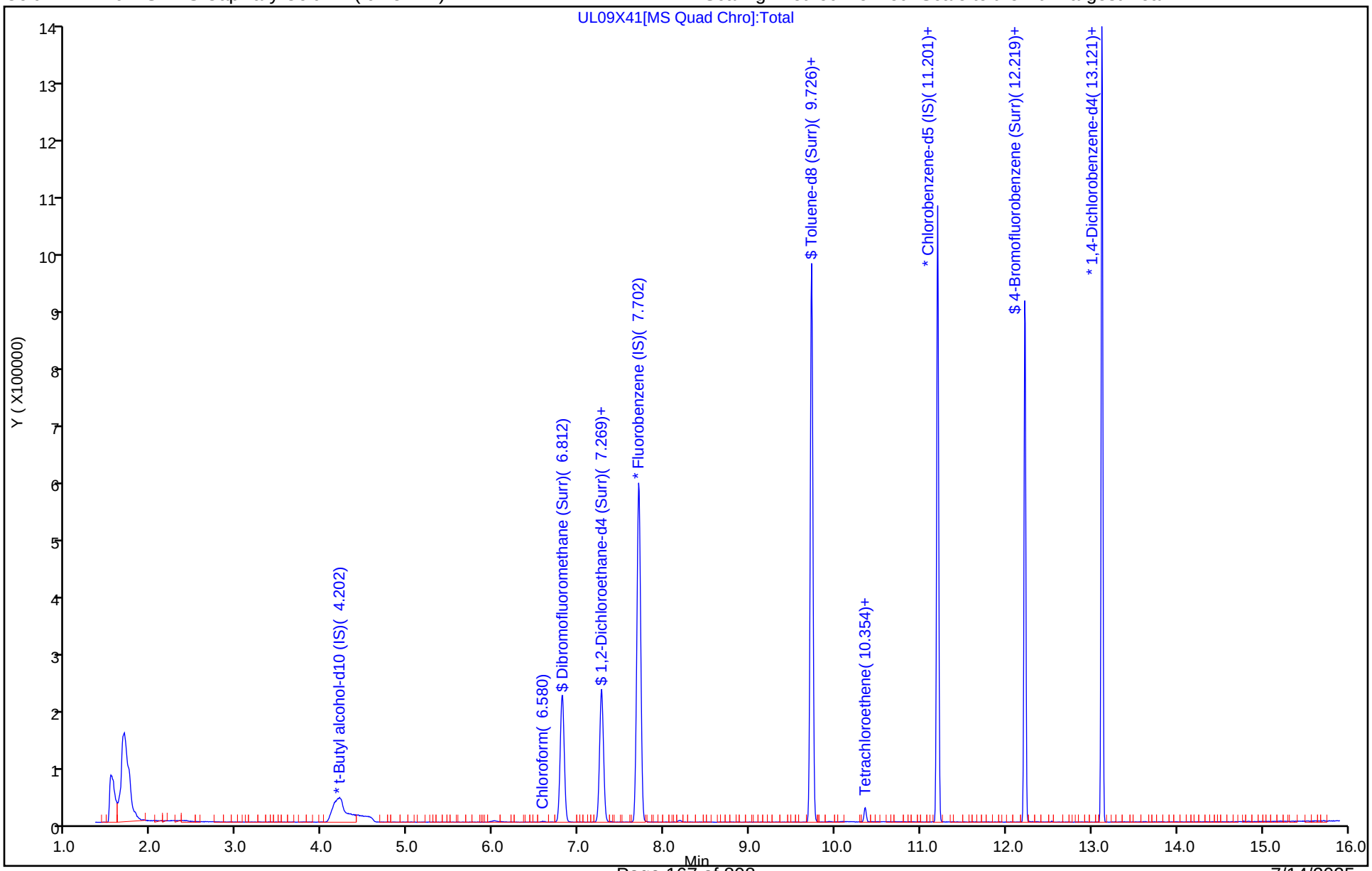
Report Date: 10-Jul-2025 12:16:58 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X41.D

Injection Date:	09-Jul-2025 23:59:03	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	410-229797-B-2	Lab Sample ID:	410-229797-2	Worklist Smp#:	12
Client ID:	HD-MW-167-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X41.D
Lims ID: 410-229797-B-2
Client ID: HD-MW-167-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 23:59:03 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-012
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 12:16:31 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1708

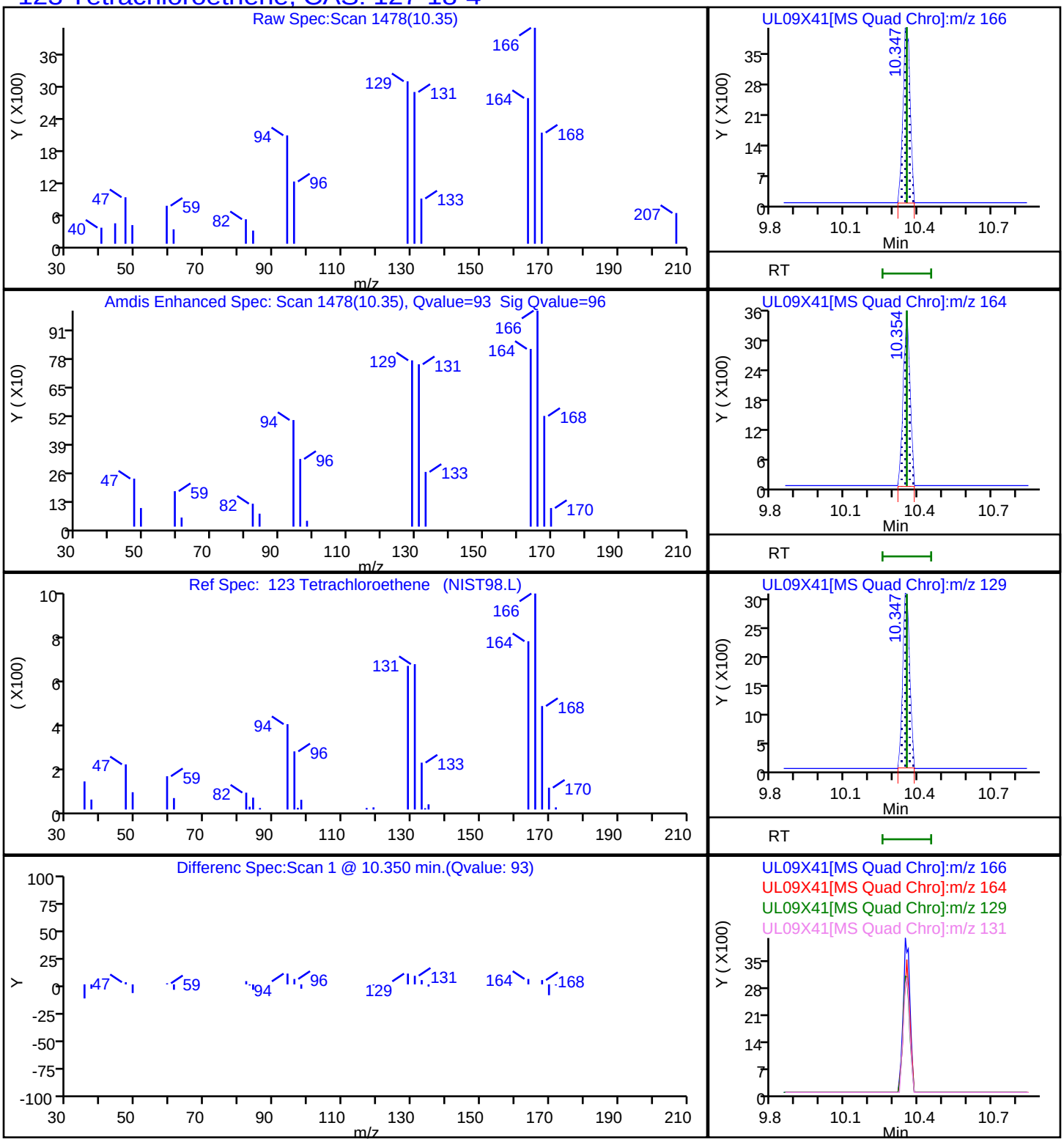
First Level Reviewer: DVW2 Date: 10-Jul-2025 12:06:01

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.7	105.33
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	51.6	103.20
$ 79 Toluene-d8 (Surr)	50.0	50.0	99.92
$ 144 4-Bromofluorobenzene (Surr)	50.0	49.7	99.31

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X41.D				
Injection Date:	09-Jul-2025 23:59:03	Instrument ID:	23090		
Lims ID:	410-229797-B-2	Lab Sample ID:	410-229797-2		
Client ID:	HD-MW-167-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

123 Tetrachloroethene, CAS: 127-18-4



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3

Matrix: Water
Lab File ID: WL08X51.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:05

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 04:30

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.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	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	^c cn	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
108-88-3	Toluene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3

Matrix: Water
Lab File ID: WL08X51.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:05

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 04:30

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.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	106		80-120
460-00-4	4-Bromofluorobenzene (Surr)	93		80-120
1868-53-7	Dibromofluoromethane (Surr)	103		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\9137\20250708-152802.b\WL08X51.D
Lims ID: 410-229797-A-3
Client ID: HD-MW-168-0/1-0
Sample Type: Client
Inject. Date: 09-Jul-2025 04:30:30 ALS Bottle#: 18 Worklist Smp#: 19
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-019
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 05:49:29 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1609

First Level Reviewer: N9NA Date: 10-Jul-2025 07:41:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
7 Chloromethane	50		2.175				ND	
9 Vinyl chloride	62		2.293				ND	
11 Bromomethane	94		2.649				ND	
13 Chloroethane	64		2.720				ND	
21 1,1-Dichloroethene	96		3.606				ND	
22 Acetone	58		3.628				ND	
27 Carbon disulfide	76		3.946				ND	
* 35 t-Butyl alcohol-d10 (IS)	65	4.312	4.273	0.039	33	225465	250.0	
34 Methylene Chloride	84		4.280				ND	
39 Methyl tert-butyl ether	73		4.674				ND	
38 trans-1,2-Dichloroethene	96		4.690				ND	
41 1,1-Dichloroethane	63		5.361				ND	
47 2-Butanone (MEK)	43		6.163				ND	
48 cis-1,2-Dichloroethene	96		6.202				ND	
55 Chlorobromomethane	128		6.532				ND	
57 Chloroform	83	6.693	6.689	0.004	14	2059	0.2780	
$ 58 Dibromofluoromethane (Surr)	113	6.898	6.904	-0.006	93	185795	51.7	
59 1,1,1-Trichloroethane	97		6.920				ND	
62 Carbon tetrachloride	117		7.126				ND	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.364	7.357	0.007	55	48279	53.0	
67 Benzene	78		7.395				ND	
68 1,2-Dichloroethane	62		7.466				ND	
* 74 Fluorobenzene (IS)	96	7.800	7.797	0.003	99	761832	50.0	
77 Trichloroethene	95		8.278				ND	
80 1,2-Dichloropropane	63		8.618				ND	
86 Dichlorobromomethane	83		8.965				ND	
92 cis-1,3-Dichloropropene	75		9.510				ND	
93 4-Methyl-2-pentanone (MIBK)	43		9.680				ND	
$ 95 Toluene-d8 (Surr)	98	9.809	9.809	0.001	93	718612	48.8	
98 Toluene	92		9.886				ND	
125 trans-1,3-Dichloropropene	75		10.145				ND	
129 1,1,2-Trichloroethane	97		10.348				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
130 Tetrachloroethene	166	10.431	10.431	0.000	95	4830	1.17	
134 2-Hexanone	43		10.559				ND	
136 Chlorodibromomethane	129		10.723				ND	
137 Ethylene Dibromide	107		10.832				ND	
S 138 Xylenes, Total	106		11.245				ND	7
* 139 Chlorobenzene-d5 (IS)	117	11.259	11.259	0.000	84	552932	50.0	
141 Chlorobenzene	112		11.288				ND	
142 1,1,1,2-Tetrachloroethane	131		11.368				ND	
143 Ethylbenzene	91		11.371				ND	
144 m-Xylene & p-Xylene	106		11.487				ND	
146 o-Xylene	106		11.817				ND	
147 Styrene	104		11.830				ND	
148 Bromoform	173		11.987				ND	
$ 152 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	92	258629	46.7	
153 1,1,2,2-Tetrachloroethane	83		12.363				ND	
* 167 1,4-Dichlorobenzene-d4	152	13.140	13.139	0.001	94	322073	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

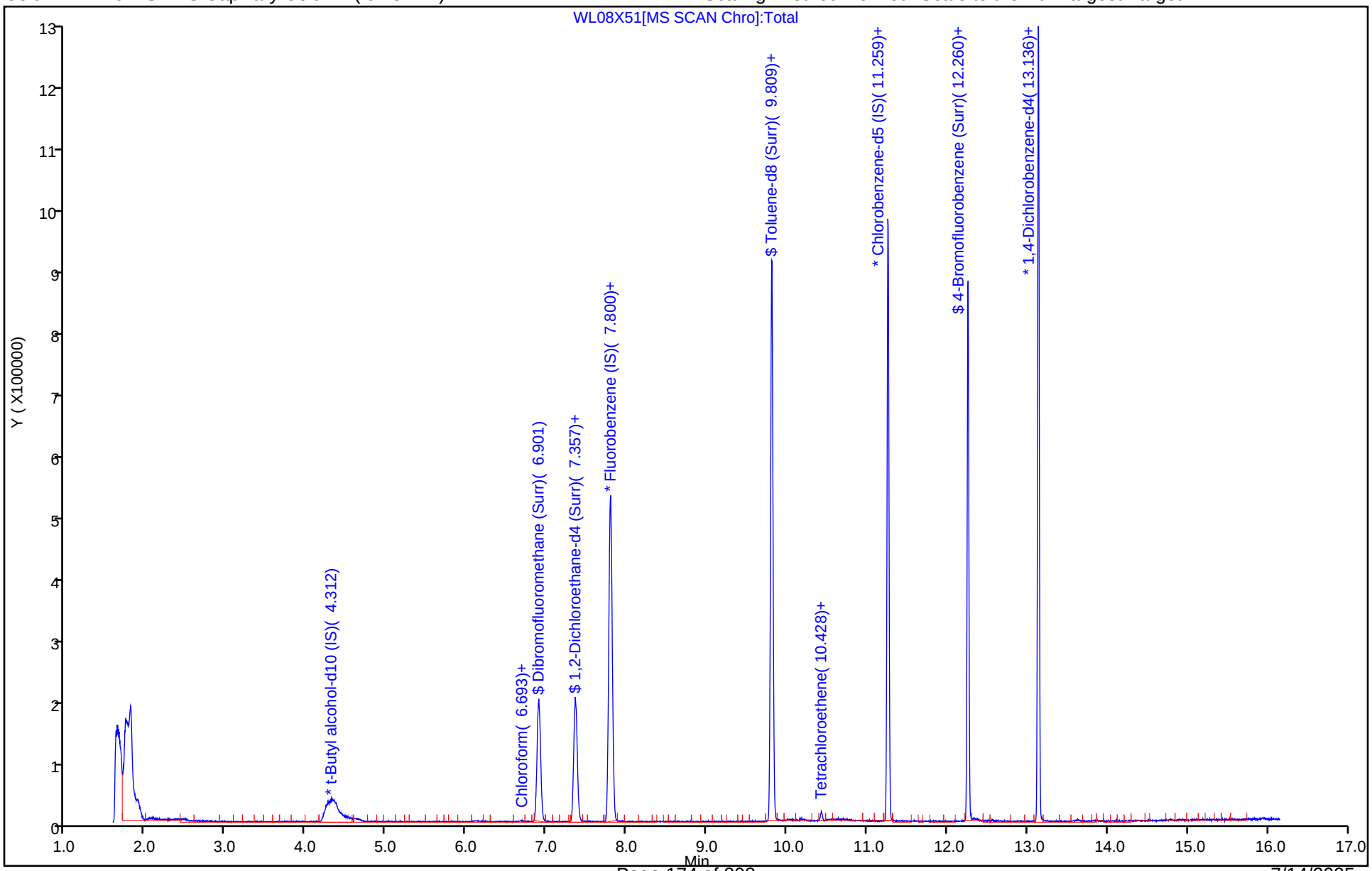
Report Date: 10-Jul-2025 07:41:44 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X51.D

Injection Date:	09-Jul-2025 04:30:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	410-229797-A-3	Lab Sample ID:	410-229797-3	Worklist Smp#:	19
Client ID:	HD-MW-168-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X51.D				
Lims ID:	410-229797-A-3				
Client ID:	HD-MW-168-0/1-0				
Sample Type:	Client				
Inject. Date:	09-Jul-2025 04:30:30	ALS Bottle#:	18	Worklist Smp#:	19
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0152802-019				
Operator ID:	AGD105956	Instrument ID:	9137		
Method:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m				
Limit Group:	MSV - 8260C_D				
Last Update:	09-Jul-2025 05:49:29	Calib Date:	23-Jun-2025 21:02:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1609				

First Level Reviewer: N9NA Date: 10-Jul-2025 07:41:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 58 Dibromofluoromethane (Surr)	50.0	51.7	103.50
$ 66 1,2-Dichloroethane-d4 (Surr)	50.0	53.0	105.97
$ 95 Toluene-d8 (Surr)	50.0	48.8	97.50
$ 152 4-Bromofluorobenzene (Surr)	50.0	46.7	93.47

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID: HD-MW-168-0/1-0
Lab Sample ID: 410-229797-3

Matrix: Water
Lab File ID: UL10X41.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:05

Sample wt/vol: 5(mL)
Date Analyzed: 07/11/2025 00:21

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.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND	H cn	1.0	0.30

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104	cn	80-120
460-00-4	4-Bromofluorobenzene (Surr)	100	cn	80-120
1868-53-7	Dibromofluoromethane (Surr)	106	cn	80-120
2037-26-5	Toluene-d8 (Surr)	98	cn	80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X41.D
Lims ID: 410-229797-B-3
Client ID: HD-MW-168-0/1-0
Sample Type: Client
Inject. Date: 11-Jul-2025 00:21:29 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-012
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 12-Jul-2025 13:54:13 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: N7YK Date: 12-Jul-2025 13:43:23

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	4 Chloromethane	50		2.099				ND	
	6 Vinyl chloride	62		2.215				ND	
	8 Bromomethane	94		2.575				ND	
	9 Chloroethane	64		2.630				ND	
	18 Acetone	58		3.507				ND	
	17 1,1-Dichloroethene	96		3.520				ND	
	22 Carbon disulfide	76		3.782				ND	
	26 Methylene Chloride	84		4.184				ND	
*	27 t-Butyl alcohol-d10 (IS)	65	4.208	4.202	0.006	31	304324	250.0	
	31 trans-1,2-Dichloroethene	96		4.562				ND	
	32 Methyl tert-butyl ether	73		4.574				ND	
	34 1,1-Dichloroethane	63		5.245				ND	
	39 2-Butanone (MEK)	43		6.080				ND	
	40 cis-1,2-Dichloroethene	96		6.092				ND	
	47 Chlorobromomethane	128		6.434				ND	
	49 Chloroform	83		6.586				ND	
$	50 Dibromofluoromethane (Surr)	113	6.812	6.800	0.012	93	231332	52.9	
	51 1,1,1-Trichloroethane	97		6.812				ND	
	53 Carbon tetrachloride	117		7.019				ND	
$	56 1,2-Dichloroethane-d4 (Surr)	102	7.275	7.269	0.006	48	59688	51.8	
	57 Benzene	78		7.293				ND	
	58 1,2-Dichloroethane	62		7.373				ND	
*	61 Fluorobenzene (IS)	96	7.708	7.702	0.006	99	906636	50.0	
	65 Trichloroethene	95		8.177				ND	
	68 1,2-Dichloropropane	63		8.519				ND	
	74 Dichlorobromomethane	83		8.866				ND	
	77 cis-1,3-Dichloropropene	75		9.415				ND	
	78 4-Methyl-2-pentanone (MIBK)	43		9.592				ND	
$	79 Toluene-d8 (Surr)	98	9.726	9.720	0.006	93	827444	49.2	
	80 Toluene	92		9.799				ND	
	120 trans-1,3-Dichloropropene	75		10.061				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
122 1,1,2-Trichloroethane	97		10.268				ND	
123 Tetrachloroethene	166		10.354				ND	
126 2-Hexanone	43		10.488				ND	
128 Chlorodibromomethane	129		10.646				ND	
129 Ethylene Dibromide	107		10.762				ND	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	611194	50.0	
132 Chlorobenzene	112		11.226				ND	
S 133 Xylenes, Total	106		11.245				ND	7
134 1,1,1,2-Tetrachloroethane	131		11.311				ND	
135 Ethylbenzene	91		11.311				ND	
136 m-Xylene & p-Xylene	106		11.427				ND	
138 o-Xylene	106		11.768				ND	
139 Styrene	104		11.780				ND	
140 Bromoform	173		11.939				ND	
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	301001	49.8	
145 1,1,2,2-Tetrachloroethane	83		12.323				ND	
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	95	334705	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

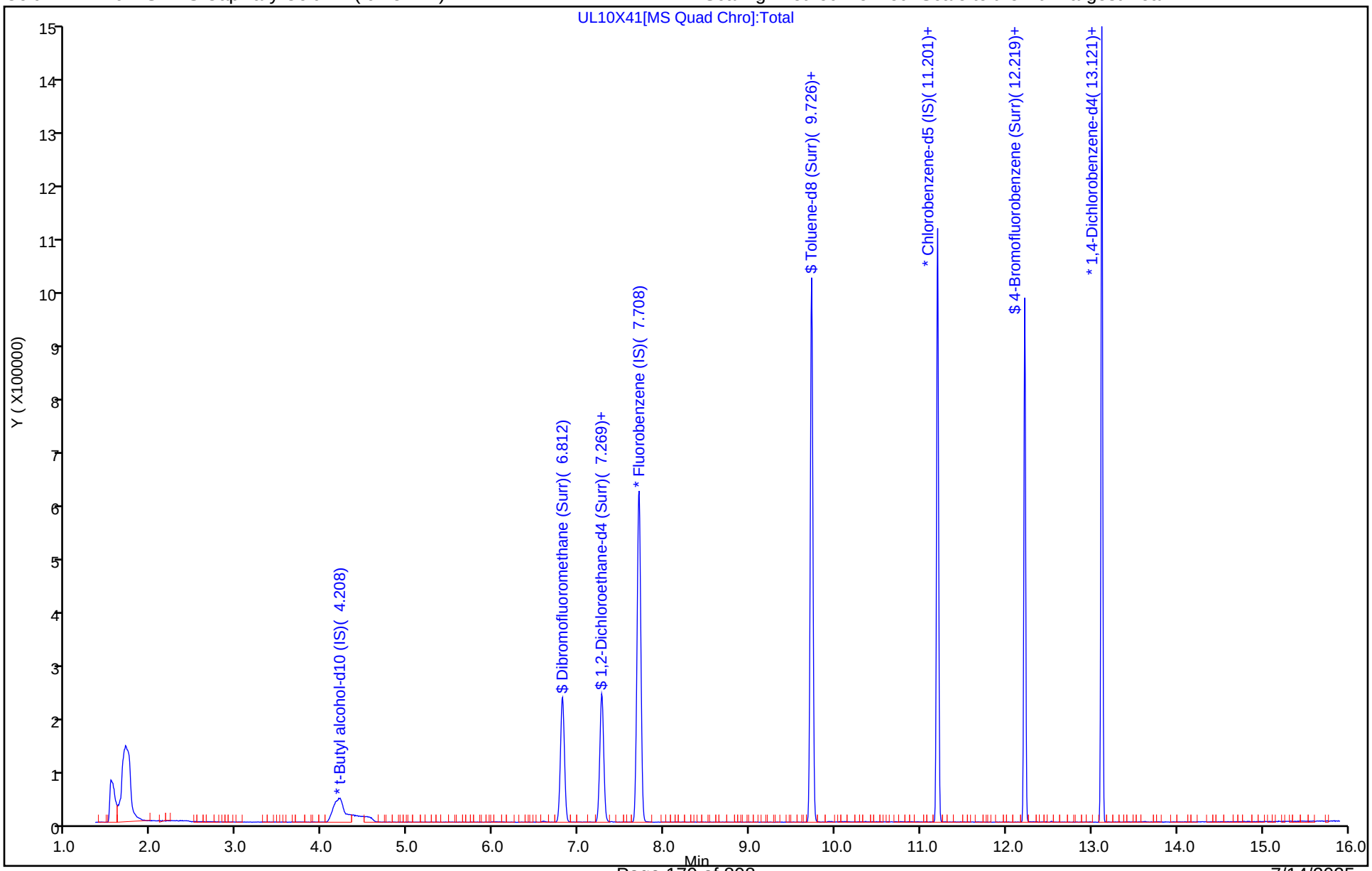
MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 12-Jul-2025 14:02:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X41.D				
Injection Date:	11-Jul-2025 00:21:29	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	410-229797-B-3	Lab Sample ID:	410-229797-3	Worklist Smp#:	12
Client ID:	HD-MW-168-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	MSV_8260_5mL_HP34	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



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Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X41.D
Lims ID: 410-229797-B-3
Client ID: HD-MW-168-0/1-0
Sample Type: Client
Inject. Date: 11-Jul-2025 00:21:29 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-012
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 12-Jul-2025 13:54:13 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1654

First Level Reviewer: N7YK Date: 12-Jul-2025 13:43:23

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.9	105.84
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.58
$ 79 Toluene-d8 (Surr)	50.0	49.2	98.38
$ 144 4-Bromofluorobenzene (Surr)	50.0	49.8	99.56

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 15:54 Calibration End Date: 06/17/2025 17:38 Calibration ID: 73825

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-658909/3	UU17X03.D
Level 2	IC 410-658909/4	UU17X04.D
Level 3	IC 410-658909/5	UU17X05.D
Level 4	IC 410-658909/6	UU17X06.D
Level 5	IC 410-658909/7	UU17X07.D
Level 6	IC 410-658909/8	UU17X08.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl ether	0.1971 0.1873	0.2008	0.2040	0.1939	0.2013	Ave		0.1974				3.1		20.0			
Acetonitrile	1.0749 0.9530	1.0174	0.9932	0.9875	0.9615	Ave		0.9979				4.4		20.0			
Vinyl acetate	0.5172 0.4797	0.4970	0.5167	0.5134	0.5184	Ave		0.5071				3.1		20.0			
Ethyl acetate	0.3905 0.3655	0.3684	0.3797	0.3726	0.3797	Ave		0.3761				2.4		20.0			
Isopropyl acetate	0.6007 0.6260	0.6041	0.6250	0.6259	0.6353	Ave		0.6195				2.2		20.0			
n-Propyl acetate	0.1468 0.1505	0.1433	0.1497	0.1485	0.1494	Ave		0.1480				1.8		20.0			
3,4-Dichloro-1-butene	0.3104 0.4344	0.3170	0.3440	0.3668	0.4084	Ave		0.3635				13.7		20.0			
Butyl acetate	0.7182 0.7489	0.7288	0.7647	0.7651	0.7784	Ave		0.7507				3.1		20.0			
cis-1,4-Dichloro-2-butene	0.1319 0.2112	0.1458	0.1604	0.1801	0.1957	Ave		0.1708				17.7		20.0			
2,3,4-Trichlorobutene	0.5774 0.8094	0.6019	0.6691	0.7103	0.7762	Ave		0.6907				13.4		20.0			
Pentachloroethane	0.2742 0.2881	0.2649	0.2811	0.2892	0.3084	Ave		0.2843				5.2		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
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-229797-1 | Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 15:54 | Calibration End Date: 06/17/2025 17:38 | Calibration ID: 73825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-658909/3	UU17X03.D
Level 2	IC 410-658909/4	UU17X04.D
Level 3	IC 410-658909/5	UU17X05.D
Level 4	IC 410-658909/6	UU17X06.D
Level 5	IC 410-658909/7	UU17X07.D
Level 6	IC 410-658909/8	UU17X08.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethyl ether	FB	Ave	17565 1272664	46343	92726	214742	456541	4.00 300	10.0	20.0	50.0	100
Acetonitrile	TBAd10	Ave	40763 2272869	88675	165129	378757	818792	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	46086 3258628	114639	234752	568213	1175311	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	34792 2482823	84968	172511	412414	860887	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	53520 4252139	139343	283977	692750	1440355	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	13082 1022121	33058	68014	164372	338828	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZd5	Ave	17970 1963483	48664	103232	268153	595491	4.00 300	10.00	20.0	50.0	100.0
Butyl acetate	CBZd5	Ave	41587 3385831	111902	229538	559418	1135376	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZd5	Ave	7636 954634	22373	48121	131637	285390	4.00 300	10.00	20.0	50.0	100.0
2,3,4-Trichlorobutene	DCBd4	Ave	18734 1998149	52493	111742	286838	619763	4.00 300	10.00	20.0	50.0	100.0
Pentachloroethane	DCBd4	Ave	8900 711558	23112	46965	116817	246313	4.00 300	10.0	20.0	50.0	100

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-229797-1 | Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 | GC Column: R-624SilMS 3 ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 15:54 | Calibration End Date: 06/17/2025 17:38 | Calibration ID: 73825

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-658909/3	UU17X03.D
Level 2	IC 410-658909/4	UU17X04.D
Level 3	IC 410-658909/5	UU17X05.D
Level 4	IC 410-658909/6	UU17X06.D
Level 5	IC 410-658909/7	UU17X07.D
Level 6	IC 410-658909/8	UU17X08.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Ethyl ether	-0.2	1.7	3.3	-1.8	2.0	-5.1	50	30	30	30	30	30
Acetonitrile	7.7	1.9	-0.5	-1.0	-3.7	-4.5	50	30	30	30	30	30
Vinyl acetate	2.0	-2.0	1.9	1.2	2.2	-5.4	50	30	30	30	30	30
Ethyl acetate	3.8	-2.0	1.0	-0.9	1.0	-2.8	50	30	30	30	30	30
Isopropyl acetate	-3.0	-2.5	0.9	1.0	2.6	1.0	50	30	30	30	30	30
n-Propyl acetate	-0.8	-3.2	1.1	0.3	1.0	1.6	50	30	30	30	30	30
3,4-Dichloro-1-butene	-14.6	-12.8	-5.4	0.9	12.3	19.5	50	30	30	30	30	30
Butyl acetate	-4.3	-2.9	1.9	1.9	3.7	-0.2	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-22.8	-14.7	-6.1	5.4	14.6	23.6	50	30	30	30	30	30
2,3,4-Trichlorobutene	-16.4	-12.9	-3.1	2.8	12.4	17.2	50	30	30	30	30	30
Pentachloroethane	-3.6	-6.8	-1.1	1.7	8.5	1.3	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X03.D
Lims ID: IC sm v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2025 15:54:45 ALS Bottle#: 3 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC sm v4
Misc. Info.: 410-0150677-003, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub3

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:31 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 10:43:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Ethyl ether	59	3.160	3.154	0.006	90	17565	4.00	3.99	
9 Acetonitrile	41	3.940	3.928	0.012	94	40763	20.0	21.5	
* 29 t-Butyl alcohol-d10 (IS)	65	4.227	4.233	-0.006	96	474033	250.0	250.0	
15 Vinyl acetate	43	5.251	5.239	0.012	98	46086	4.00	4.08	
22 Ethyl acetate	43	6.147	6.135	0.012	97	34792	4.00	4.15	
31 Isopropyl acetate	43	7.385	7.385	0.000	98	53520	4.00	3.88	
* 63 Fluorobenzene (IS)	96	7.696	7.702	-0.006	99	1113746	50.0	50.0	
40 n-Propyl acetate	61	8.683	8.683	0.000	96	13082	4.00	3.97	
54 3,4-Dichloro-1-butene	75	10.482	10.482	0.000	86	17970	4.00	3.42	
58 n-Butyl acetate	43	10.616	10.616	0.000	98	41587	4.00	3.83	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	723760	50.0	50.0	
74 cis-1,4-Dichloro-2-butene	88	12.134	12.134	0.000	63	7636	4.00	3.09	
77 2,3,4-Trichlorobutene	109	12.615	12.615	0.000	94	18734	4.00	3.34	
135 Pentachloroethane	167	12.841	12.841	0.000	83	8900	4.00	3.86	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.140	-0.006	95	405720	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_Penta_00066	Amount Added:	4.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	4.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	4.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	4.00	Units: uL

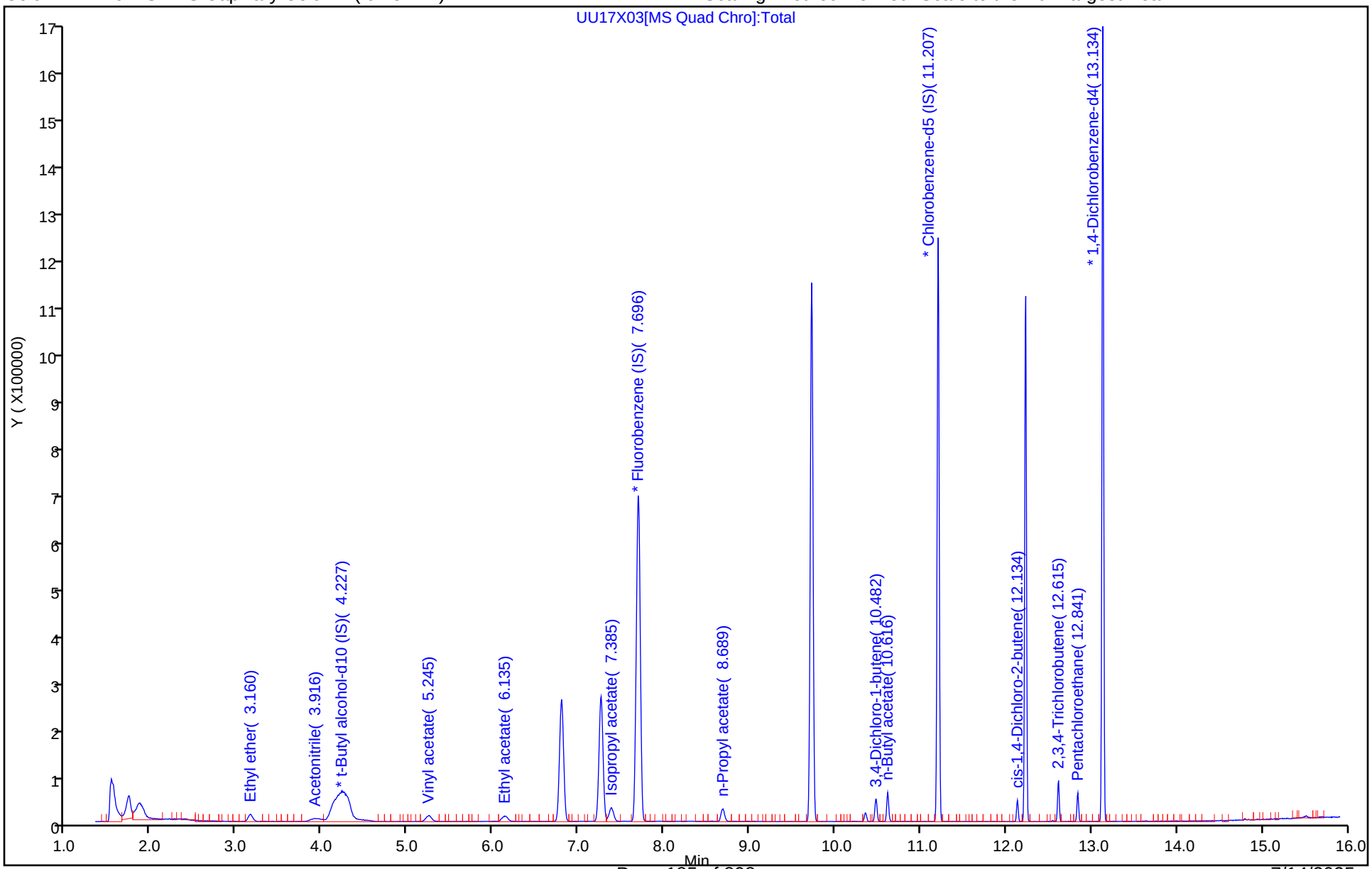
Report Date: 18-Jun-2025 19:48:32 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X03.D

Injection Date:	17-Jun-2025 15:54:45	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC sm v4			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X04.D
Lims ID: IC sm v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2025 16:15:08 ALS Bottle#: 4 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC sm v10
Misc. Info.: 410-0150677-004, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub3

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:34 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 10:44:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Ethyl ether	59	3.166	3.154	0.012	90	46343	10.0	10.2	
9 Acetonitrile	41	3.946	3.928	0.018	99	88675	50.0	51.0	
* 29 t-Butyl alcohol-d10 (IS)	65	4.245	4.233	0.012	97	435813	250.0	250.0	
15 Vinyl acetate	43	5.251	5.239	0.012	97	114639	10.0	9.80	
22 Ethyl acetate	43	6.141	6.135	0.006	98	84968	10.0	9.80	
31 Isopropyl acetate	43	7.391	7.385	0.006	98	139343	10.0	9.75	
* 63 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	1153322	50.0	50.0	
40 n-Propyl acetate	61	8.683	8.683	0.000	97	33058	10.0	9.68	
54 3,4-Dichloro-1-butene	75	10.482	10.482	0.000	87	48664	10.0	8.72	
58 n-Butyl acetate	43	10.616	10.616	0.000	98	111902	10.0	9.71	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	767705	50.0	50.0	
74 cis-1,4-Dichloro-2-butene	88	12.134	12.134	0.000	66	22373	10.0	8.53	
77 2,3,4-Trichlorobutene	109	12.615	12.615	0.000	96	52493	10.0	8.71	
135 Pentachloroethane	167	12.841	12.841	0.000	85	23112	10.0	9.32	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.140	-0.006	95	436280	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_Penta_00066	Amount Added:	2.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	2.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	2.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	2.00	Units: uL

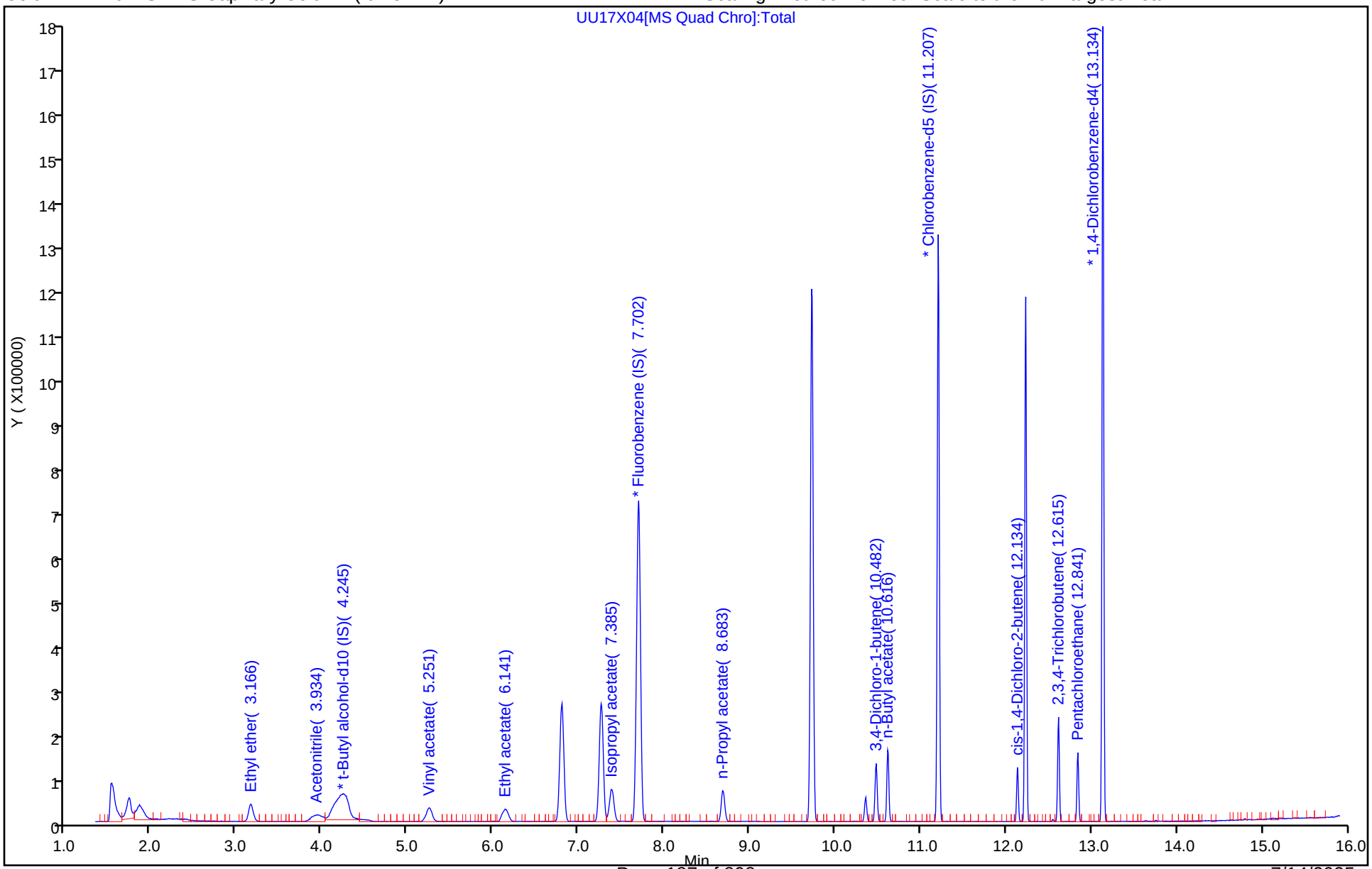
Report Date: 18-Jun-2025 19:48:35 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X04.D

Injection Date:	17-Jun-2025 16:15:08	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC sm v10			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSV_8260_5mL_HP34	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



7/14/2025
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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X05.D
Lims ID: IC sm v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2025 16:35:59 ALS Bottle#: 5 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC sm v20
Misc. Info.: 410-0150677-005, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub3

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:37 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 10:44:24

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Ethyl ether	59	3.154	3.154	0.000	89	92726	20.0	20.7	
9 Acetonitrile	41	3.916	3.916	0.000	100	165129	100.0	99.5	
* 29 t-Butyl alcohol-d10 (IS)	65	4.227	4.227	0.000	97	415639	250.0	250.0	
15 Vinyl acetate	43	5.239	5.239	0.000	97	234752	20.0	20.4	
22 Ethyl acetate	43	6.141	6.141	0.000	98	172511	20.0	20.2	
31 Isopropyl acetate	43	7.385	7.385	0.000	98	283977	20.0	20.2	
* 63 Fluorobenzene (IS)	96	7.696	7.696	0.000	99	1135910	50.0	50.0	
40 n-Propyl acetate	61	8.683	8.683	0.000	97	68014	20.0	20.2	
54 3,4-Dichloro-1-butene	75	10.482	10.482	0.000	89	103232	20.0	18.9	
58 n-Butyl acetate	43	10.616	10.616	0.000	98	229538	20.0	20.4	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	750456	50.0	50.0	
74 cis-1,4-Dichloro-2-butene	88	12.134	12.134	0.000	69	48121	20.0	18.8	
77 2,3,4-Trichlorobutene	109	12.615	12.615	0.000	98	111742	20.0	19.4	
135 Pentachloroethane	167	12.841	12.841	0.000	88	46965	20.0	19.8	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.134	0.000	95	417695	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_Penta_00066	Amount Added:	4.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	4.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	4.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	4.00	Units: uL

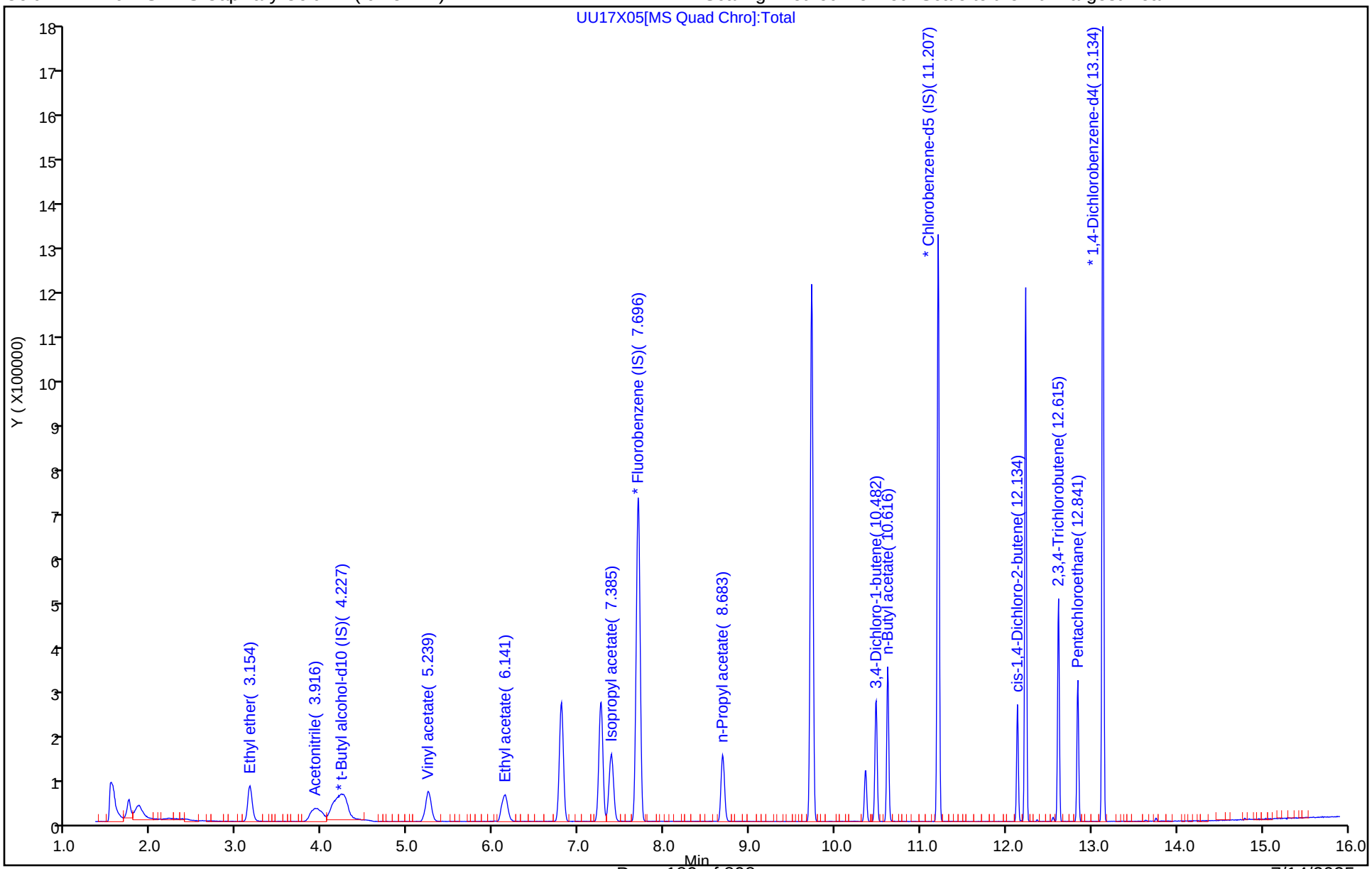
Report Date: 18-Jun-2025 19:48:37 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X05.D

Injection Date:	17-Jun-2025 16:35:59	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC sm v20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	MSV_8260_5mL_HP34	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\23090\20250617-150677.b\UU17X06.D
Lims ID: IC sm v50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 17-Jun-2025 16:56:53 ALS Bottle#: 6 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC sm v50
Misc. Info.: 410-0150677-006, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub3

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:39 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: UJML Date: 18-Jun-2025 06:30:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Ethyl ether	59	3.154	3.154	0.000	89	214742	50.0	49.1	
9 Acetonitrile	41	3.928	3.928	0.000	99	378757	250.0	247.4	
* 29 t-Butyl alcohol-d10 (IS)	65	4.227	4.227	0.000	98	383542	250.0	250.0	
15 Vinyl acetate	43	5.239	5.239	0.000	97	568213	50.0	50.6	
22 Ethyl acetate	43	6.135	6.135	0.000	98	412414	50.0	49.5	
31 Isopropyl acetate	43	7.385	7.385	0.000	98	692750	50.0	50.5	
* 63 Fluorobenzene (IS)	96	7.696	7.696	0.000	99	1106845	50.0	50.0	
40 n-Propyl acetate	61	8.683	8.683	0.000	97	164372	50.0	50.2	
54 3,4-Dichloro-1-butene	75	10.482	10.482	0.000	91	268153	50.0	50.4	
58 n-Butyl acetate	43	10.616	10.616	0.000	98	559418	50.0	51.0	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	731209	50.0	50.0	
74 cis-1,4-Dichloro-2-butene	88	12.134	12.134	0.000	73	131637	50.0	52.7	
77 2,3,4-Trichlorobutene	109	12.615	12.615	0.000	99	286838	50.0	51.4	
135 Pentachloroethane	167	12.841	12.841	0.000	90	116817	50.0	50.9	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.134	0.000	95	403978	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_Penta_00066	Amount Added:	5.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	5.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	5.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	5.00	Units: uL

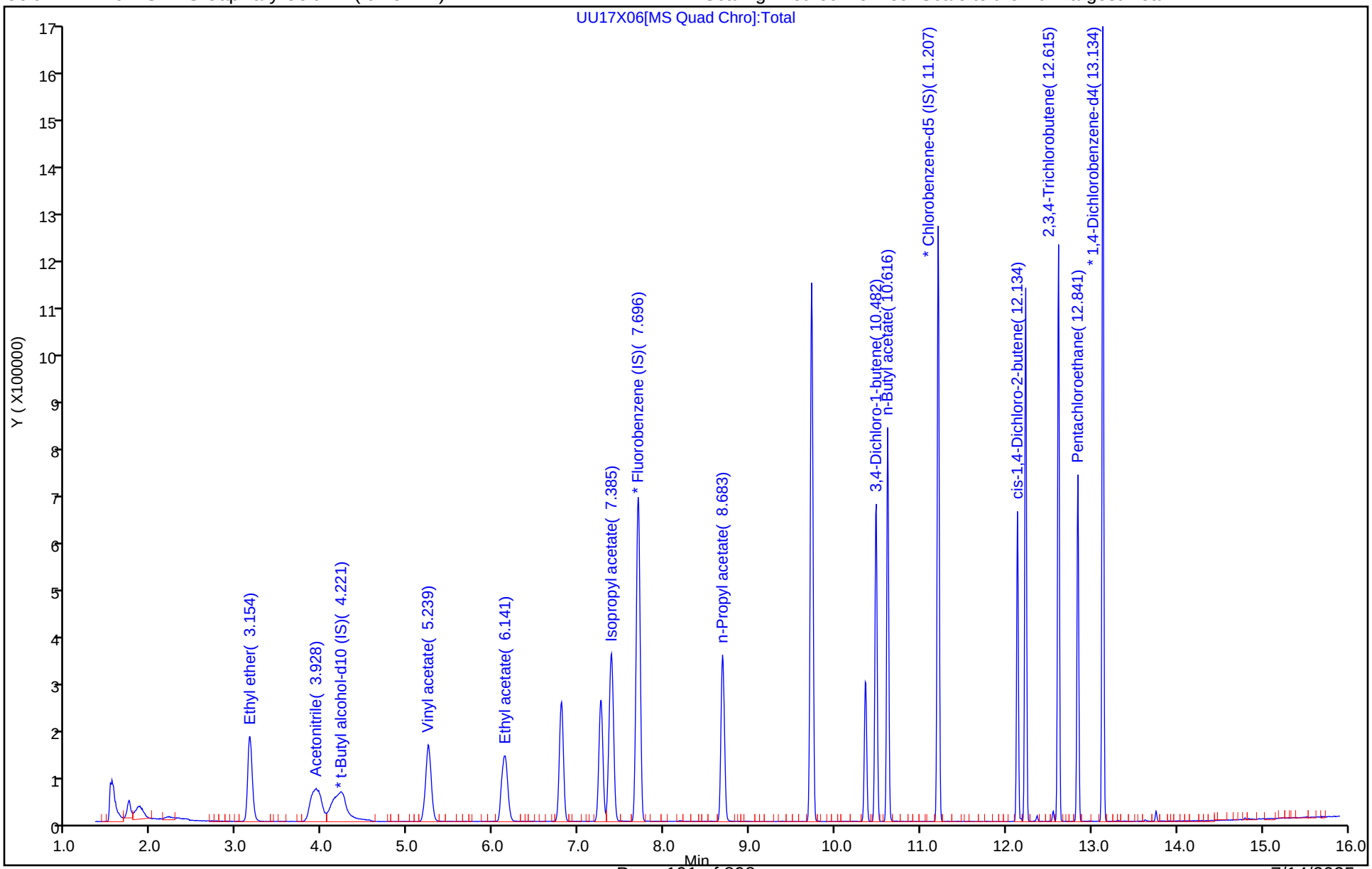
Report Date: 18-Jun-2025 19:48:39 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X06.D

Injection Date:	17-Jun-2025 16:56:53	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC sm v50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSV_8260_5mL_HP34	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



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X07.D
Lims ID: IC sm v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 17-Jun-2025 17:17:49 ALS Bottle#: 7 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC sm v100
Misc. Info.: 410-0150677-007, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub3

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:43 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 10:44:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Ethyl ether	59	3.160	3.154	0.006	89	456541	100.0	102.0	
9 Acetonitrile	41	3.934	3.928	0.006	99	818792	500.0	481.7	
* 29 t-Butyl alcohol-d10 (IS)	65	4.251	4.227	0.024	98	425802	250.0	250.0	
15 Vinyl acetate	43	5.251	5.239	0.012	97	1175311	100.0	102.2	
22 Ethyl acetate	43	6.141	6.135	0.006	98	860887	100.0	101.0	
31 Isopropyl acetate	43	7.385	7.385	0.000	98	1440355	100.0	102.6	
* 63 Fluorobenzene (IS)	96	7.702	7.696	0.006	99	1133592	50.0	50.0	
40 n-Propyl acetate	61	8.683	8.683	0.000	97	338828	100.0	101.0	
54 3,4-Dichloro-1-butene	75	10.482	10.482	0.000	92	595491	100.0	112.3	
58 n-Butyl acetate	43	10.616	10.616	0.000	98	1135376	100.0	103.7	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	729267	50.0	50.0	
74 cis-1,4-Dichloro-2-butene	88	12.134	12.134	0.000	76	285390	100.0	114.5	
77 2,3,4-Trichlorobutene	109	12.615	12.615	0.000	100	619763	100.0	112.3	
135 Pentachloroethane	167	12.841	12.841	0.000	92	246313	100.0	108.5	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.134	0.000	95	399383	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_Penta_00066	Amount Added:	5.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	5.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	5.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	5.00	Units: uL

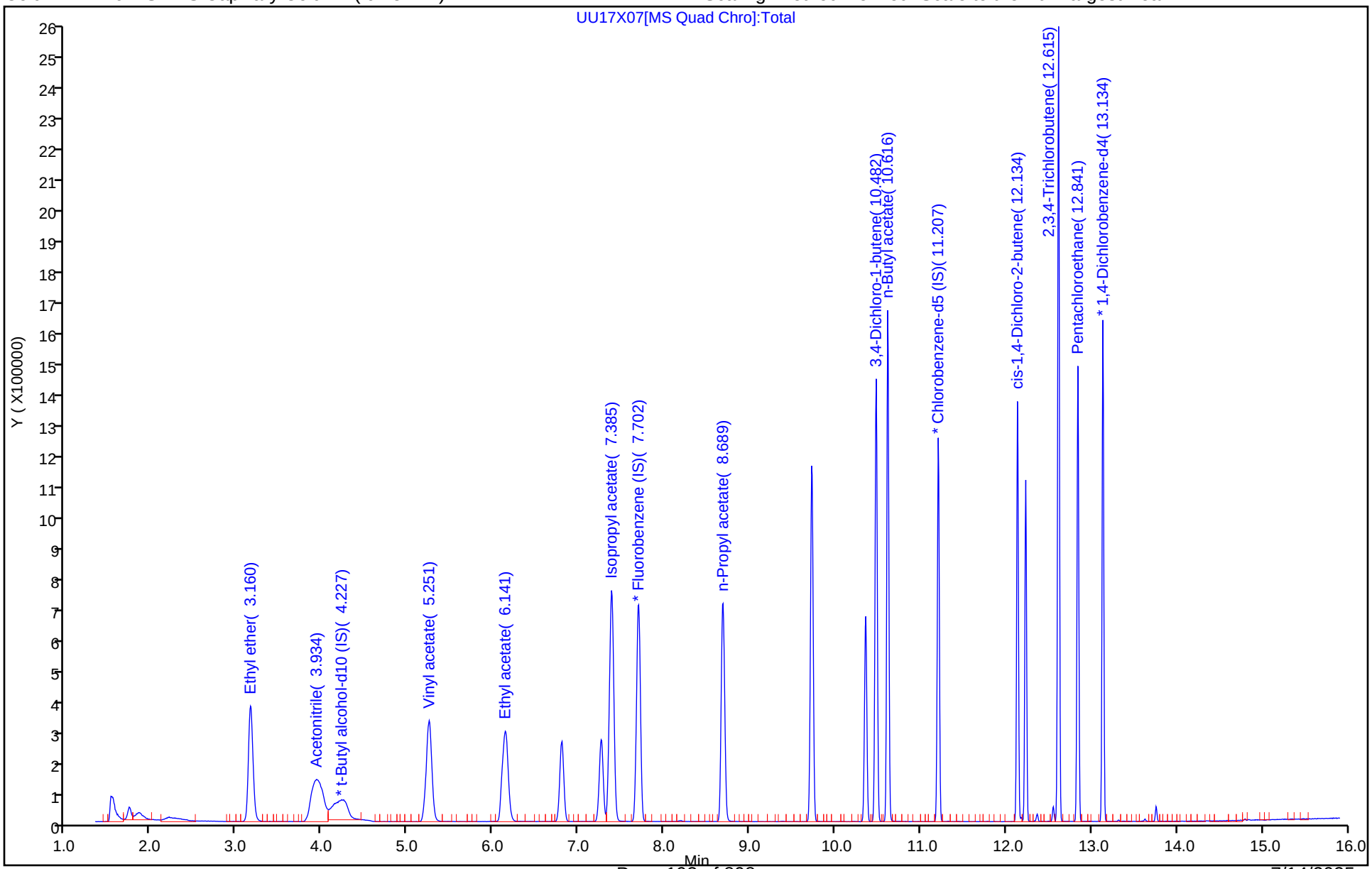
Report Date: 18-Jun-2025 19:48:43 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X07.D

Injection Date:	17-Jun-2025 17:17:49	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC sm v100			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	MSV_8260_5mL_HP34	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



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X08.D
Lims ID: IC sm v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 17-Jun-2025 17:38:21 ALS Bottle#: 8 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC sm v300
Misc. Info.: 410-0150677-008, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub3

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:45 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 10:45:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Ethyl ether	59	3.154	3.154	0.000	89	1272664	300.1	284.7	
9 Acetonitrile	41	3.922	3.928	-0.006	99	2272869	1500.0	1432.4	
* 29 t-Butyl alcohol-d10 (IS)	65	4.233	4.227	0.006	97	397510	250.0	250.0	
15 Vinyl acetate	43	5.245	5.239	0.006	97	3258628	300.0	283.8	
22 Ethyl acetate	43	6.141	6.135	0.006	98	2482823	300.0	291.6	
31 Isopropyl acetate	43	7.385	7.385	0.000	97	4252139	300.0	303.1	
* 63 Fluorobenzene (IS)	96	7.695	7.696	-0.001	99	1132158	50.0	50.0	
40 n-Propyl acetate	61	8.689	8.683	0.006	97	1022121	300.0	304.9	
54 3,4-Dichloro-1-butene	75	10.482	10.482	0.000	93	1963483	299.9	358.4	
58 n-Butyl acetate	43	10.616	10.616	0.000	98	3385831	300.0	299.3	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	753519	50.0	50.0	
74 cis-1,4-Dichloro-2-butene	88	12.134	12.134	0.000	78	954634	299.9	370.8	
77 2,3,4-Trichlorobutene	109	12.615	12.615	0.000	99	1998149	299.9	351.4	
135 Pentachloroethane	167	12.841	12.841	0.000	93	711558	300.0	304.0	
* 140 1,4-Dichlorobenzene-d4	152	13.133	13.134	-0.001	95	411624	50.0	50.0	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_Penta_00066	Amount Added:	15.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	15.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	15.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	15.00	Units: uL

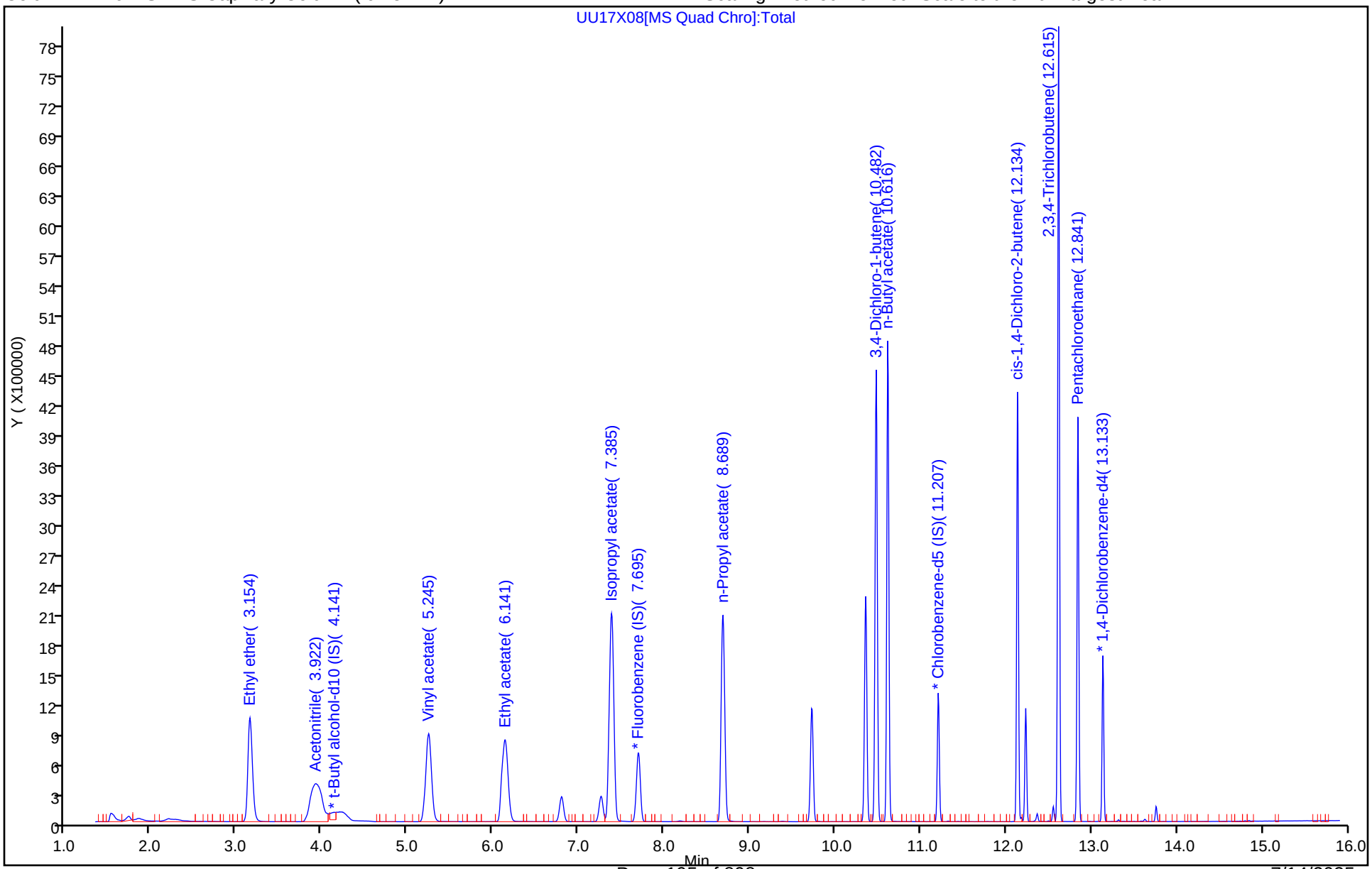
Report Date: 18-Jun-2025 19:48:45 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X08.D

Injection Date:	17-Jun-2025 17:38:21	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC sm v300			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	MSV_8260_5mL_HP34	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



Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

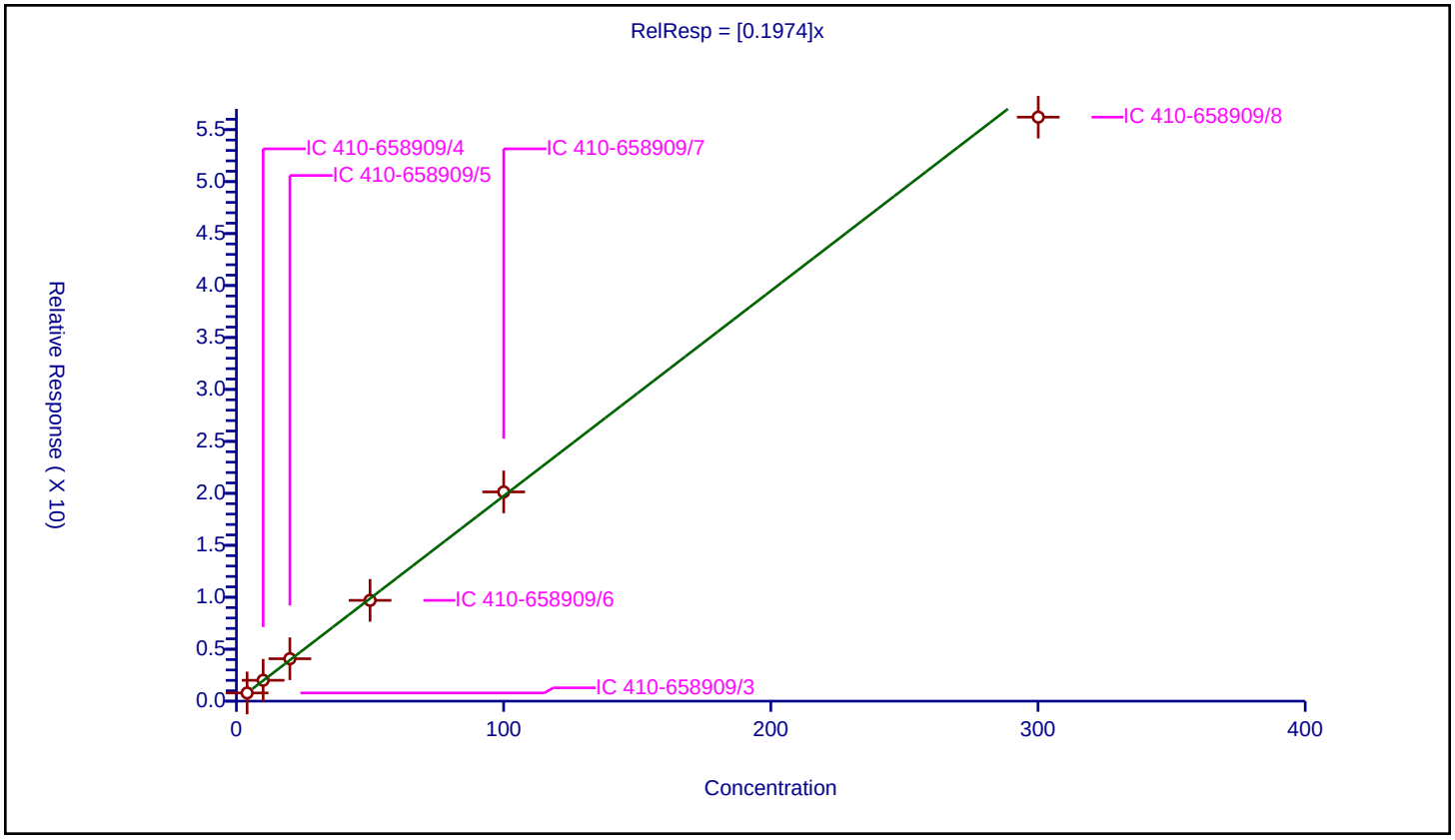
Curve Coefficients

Intercept:	0
Slope:	0.1974

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.001328	0.788555	50.0	1113746.0	0.197073	Y
2	IC 410-658909/4	10.00332	2.009109	50.0	1153322.0	0.200844	Y
3	IC 410-658909/5	20.00664	4.081573	50.0	1135910.0	0.204011	Y
4	IC 410-658909/6	50.0166	9.700636	50.0	1106845.0	0.193948	Y
5	IC 410-658909/7	100.0332	20.136919	50.0	1133592.0	0.201302	Y
6	IC 410-658909/8	300.0996	56.205229	50.0	1132158.0	0.187289	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

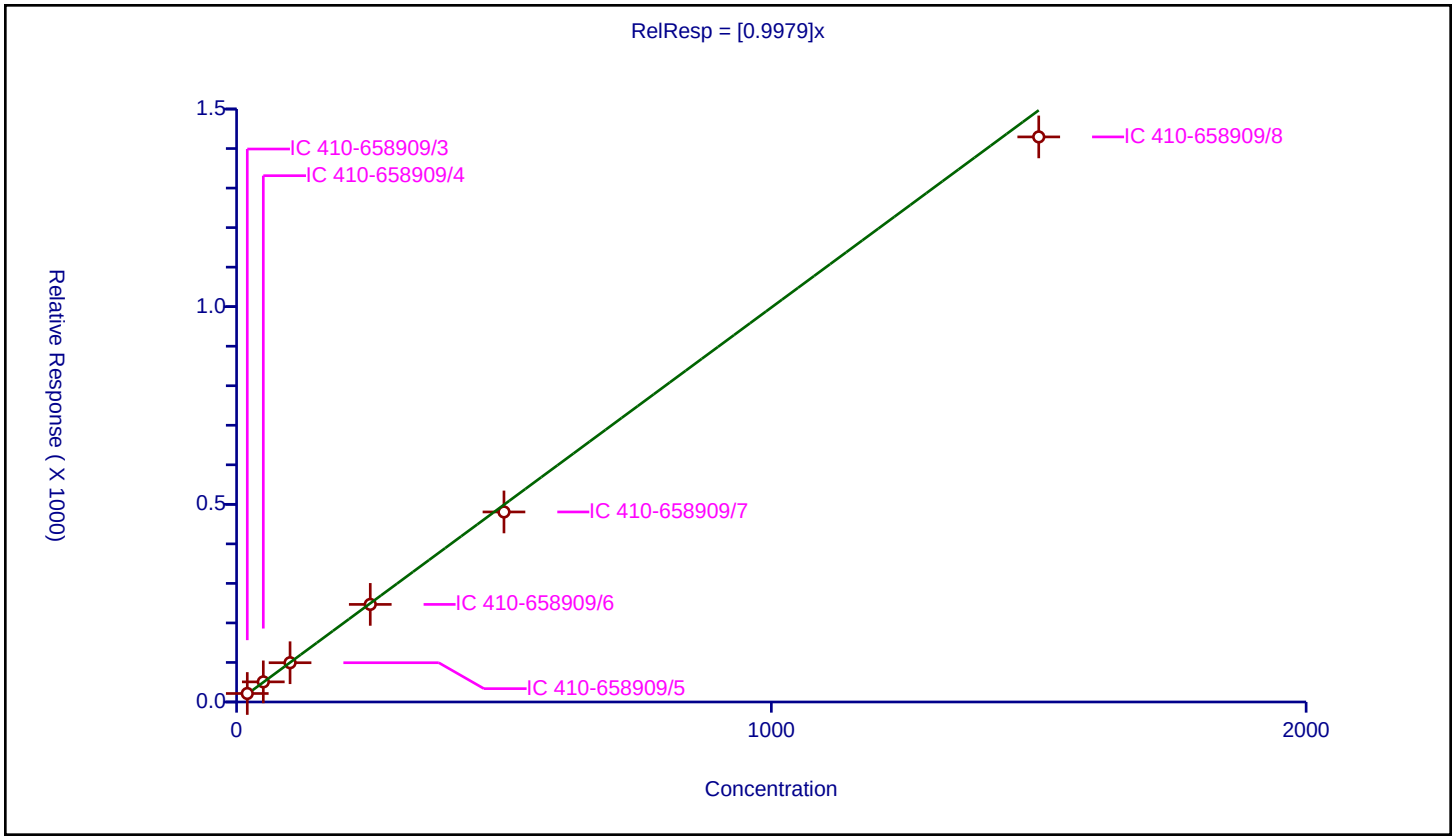
Curve Coefficients

Intercept:	0
Slope:	0.9979

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	20.0	21.497976	250.0	474033.0	1.074899	Y
2	IC 410-658909/4	50.0	50.867574	250.0	435813.0	1.017351	Y
3	IC 410-658909/5	100.0	99.322369	250.0	415639.0	0.993224	Y
4	IC 410-658909/6	250.0	246.881046	250.0	383542.0	0.987524	Y
5	IC 410-658909/7	500.0	480.735177	250.0	425802.0	0.96147	Y
6	IC 410-658909/8	1500.0	1429.441398	250.0	397510.0	0.952961	Y



Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

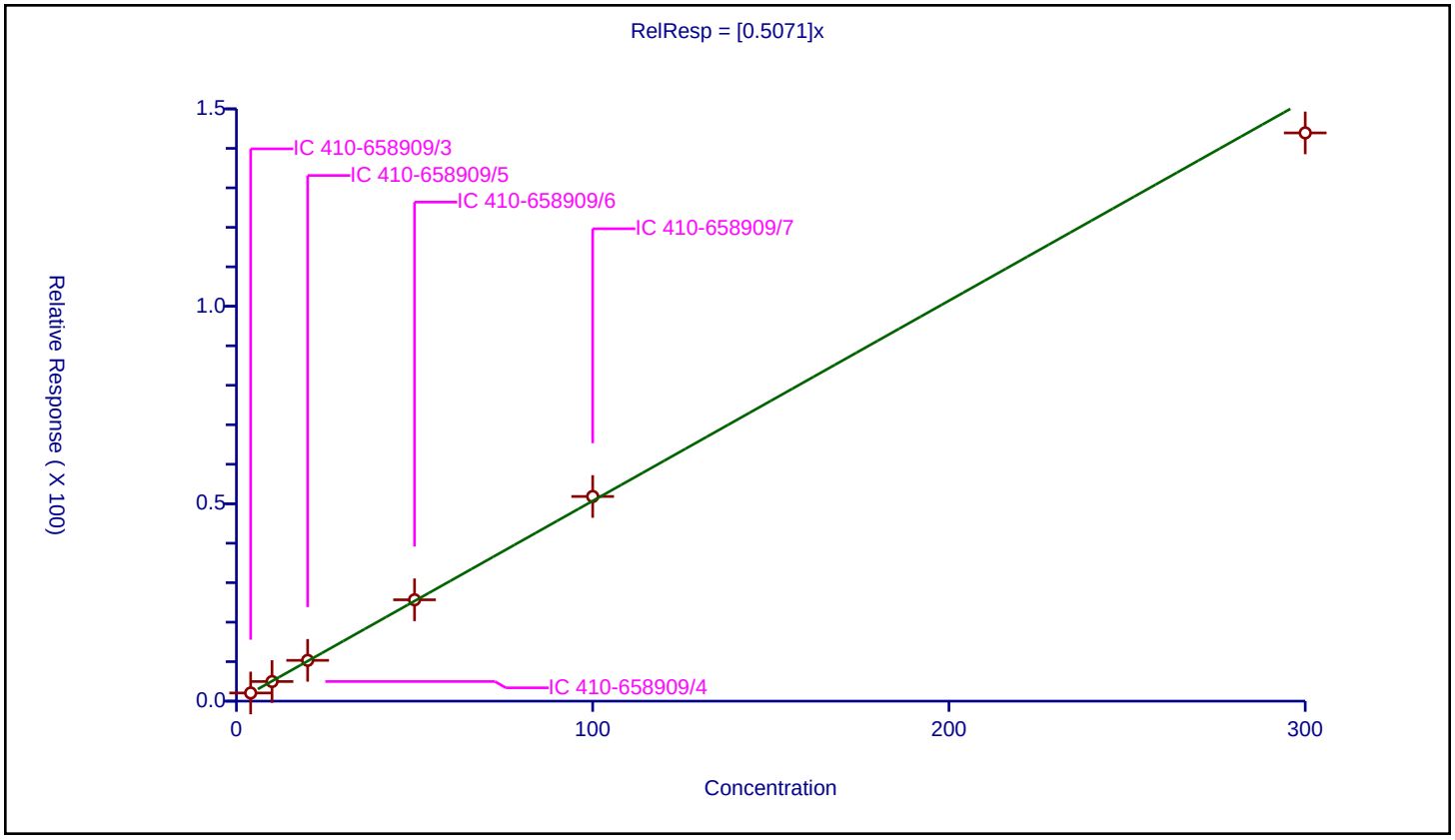
Curve Coefficients

Intercept:	0
Slope:	0.5071

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.0	2.068964	50.0	1113746.0	0.517241	Y
2	IC 410-658909/4	10.0	4.969948	50.0	1153322.0	0.496995	Y
3	IC 410-658909/5	20.0	10.333213	50.0	1135910.0	0.516661	Y
4	IC 410-658909/6	50.0	25.668138	50.0	1106845.0	0.513363	Y
5	IC 410-658909/7	100.0	51.840124	50.0	1133592.0	0.518401	Y
6	IC 410-658909/8	300.0	143.912245	50.0	1132158.0	0.479707	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

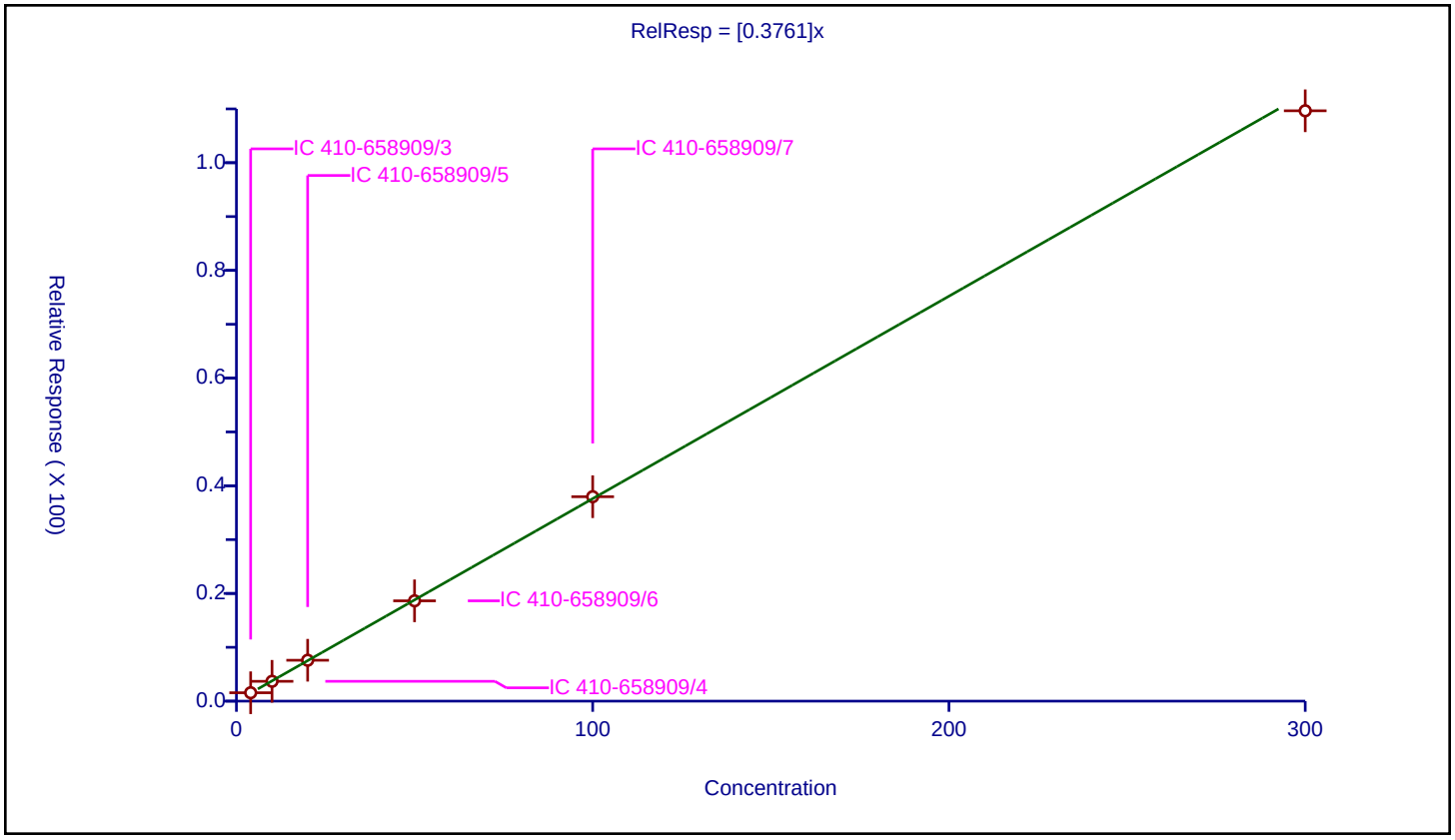
Curve Coefficients

Intercept:	0
Slope:	0.3761

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.0	1.561936	50.0	1113746.0	0.390484	Y
2	IC 410-658909/4	10.0	3.68362	50.0	1153322.0	0.368362	Y
3	IC 410-658909/5	20.0	7.593515	50.0	1135910.0	0.379676	Y
4	IC 410-658909/6	50.0	18.630161	50.0	1106845.0	0.372603	Y
5	IC 410-658909/7	100.0	37.971642	50.0	1133592.0	0.379716	Y
6	IC 410-658909/8	300.0	109.650022	50.0	1132158.0	0.3655	Y



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Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

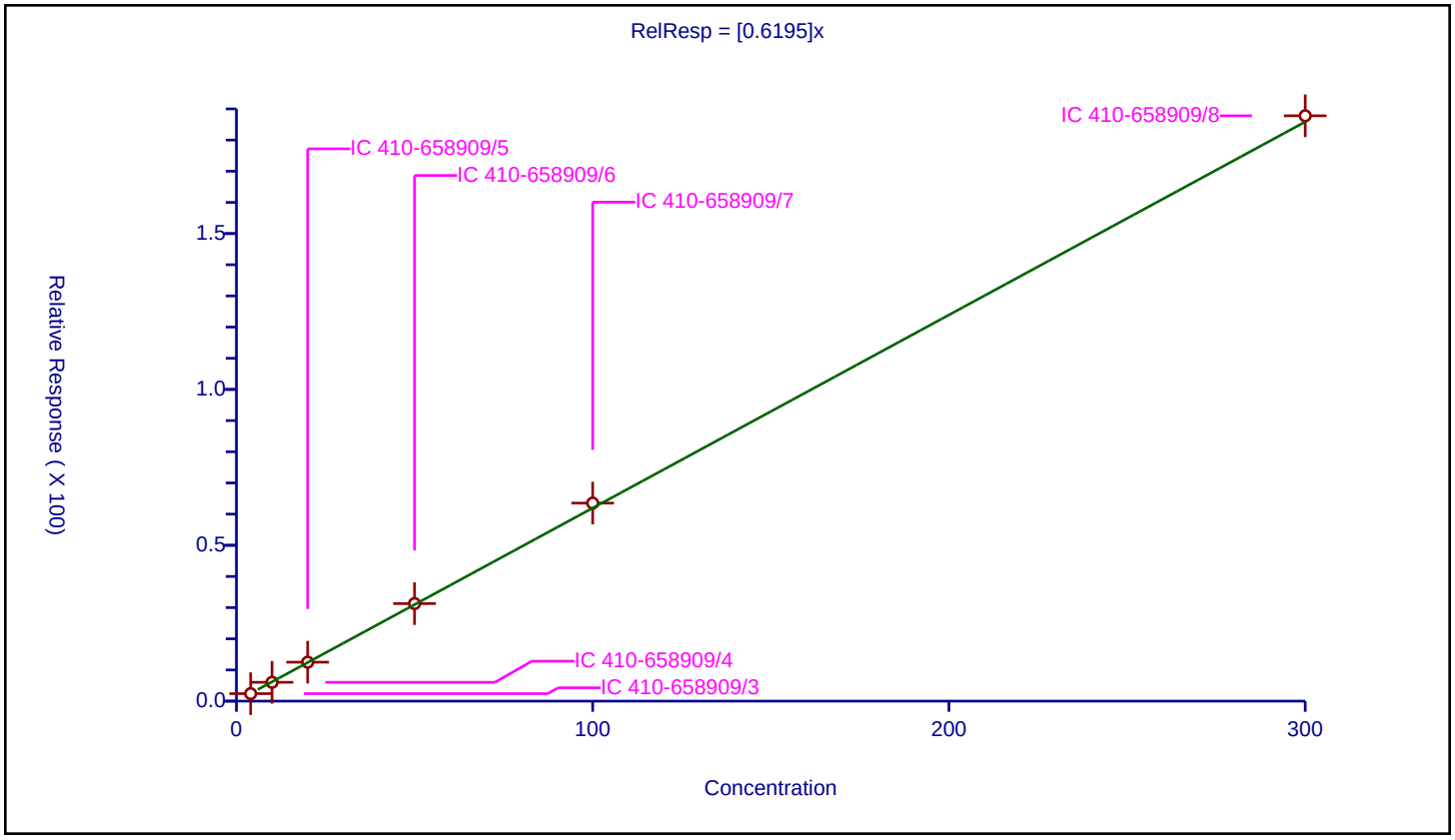
Curve Coefficients

Intercept:	0
Slope:	0.6195

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.0	2.402702	50.0	1113746.0	0.600676	Y
2	IC 410-658909/4	10.0	6.040941	50.0	1153322.0	0.604094	Y
3	IC 410-658909/5	20.0	12.499978	50.0	1135910.0	0.624999	Y
4	IC 410-658909/6	50.0	31.293903	50.0	1106845.0	0.625878	Y
5	IC 410-658909/7	100.0	63.530574	50.0	1133592.0	0.635306	Y
6	IC 410-658909/8	300.0	187.789116	50.0	1132158.0	0.625964	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

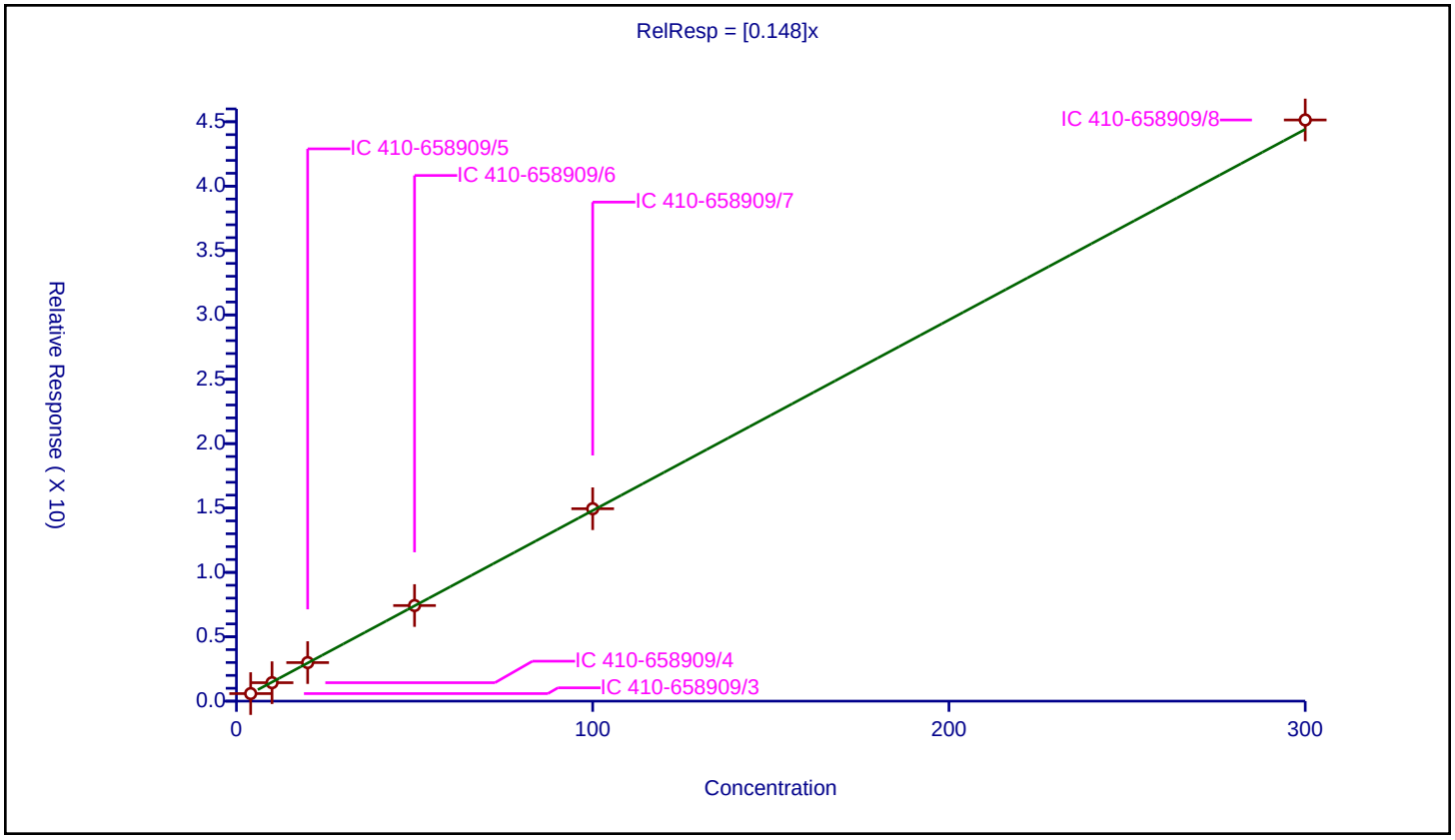
Curve Coefficients

Intercept:	0
Slope:	0.148

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.0	0.587297	50.0	1113746.0	0.146824	Y
2	IC 410-658909/4	10.0	1.433164	50.0	1153322.0	0.143316	Y
3	IC 410-658909/5	20.0	2.993811	50.0	1135910.0	0.149691	Y
4	IC 410-658909/6	50.0	7.425249	50.0	1106845.0	0.148505	Y
5	IC 410-658909/7	100.0	14.944883	50.0	1133592.0	0.149449	Y
6	IC 410-658909/8	300.0	45.140387	50.0	1132158.0	0.150468	Y



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Calibration / 3,4-Dichloro-1-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

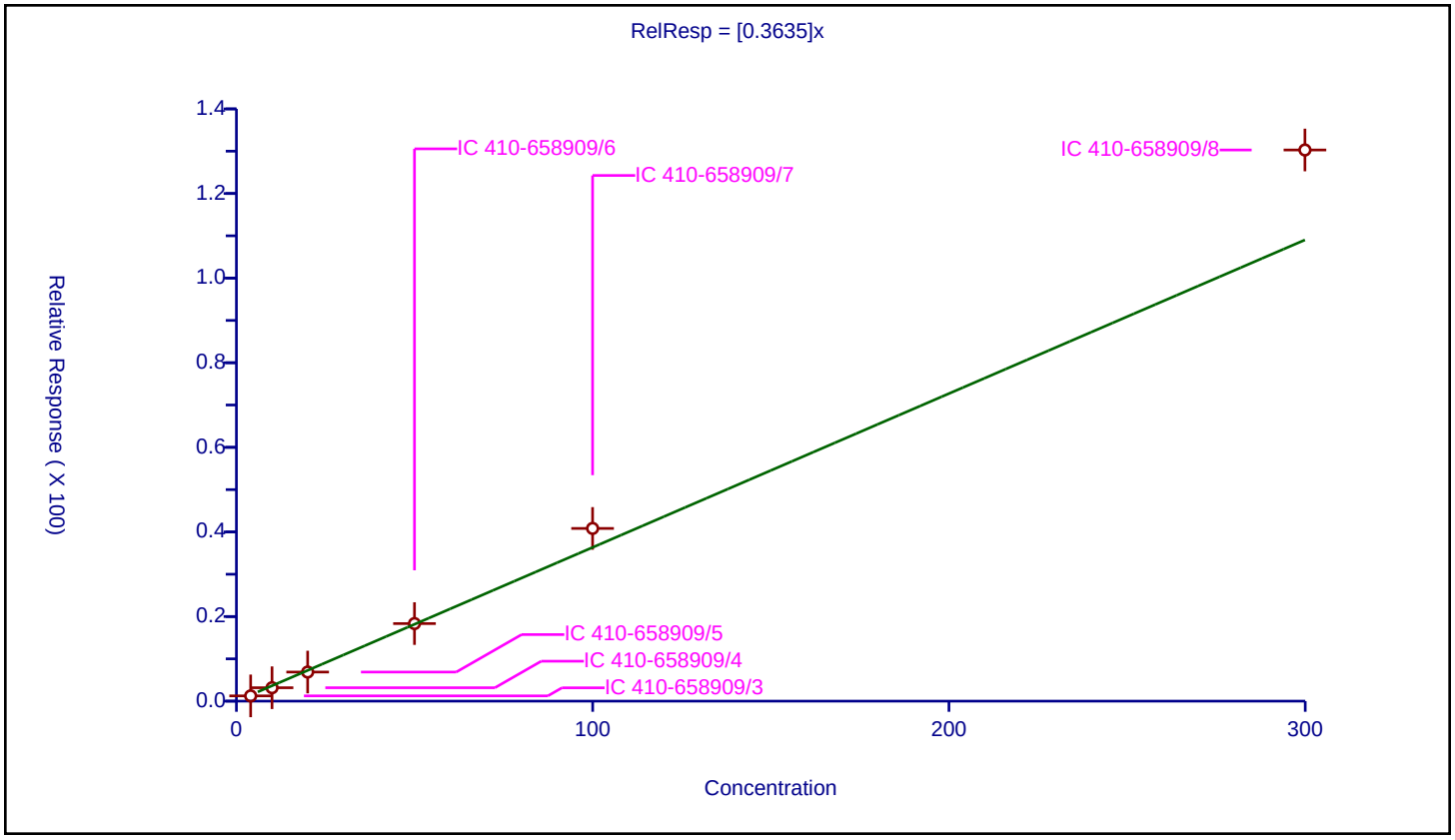
Curve Coefficients

Intercept:	0
Slope:	0.3635

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	3.99894	1.241434	50.0	723760.0	0.310441	Y
2	IC 410-658909/4	9.99735	3.169447	50.0	767705.0	0.317029	Y
3	IC 410-658909/5	19.9947	6.877952	50.0	750456.0	0.343989	Y
4	IC 410-658909/6	49.98675	18.336276	50.0	731209.0	0.366823	Y
5	IC 410-658909/7	99.9735	40.828051	50.0	729267.0	0.408389	Y
6	IC 410-658909/8	299.9205	130.287557	50.0	753519.0	0.434407	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

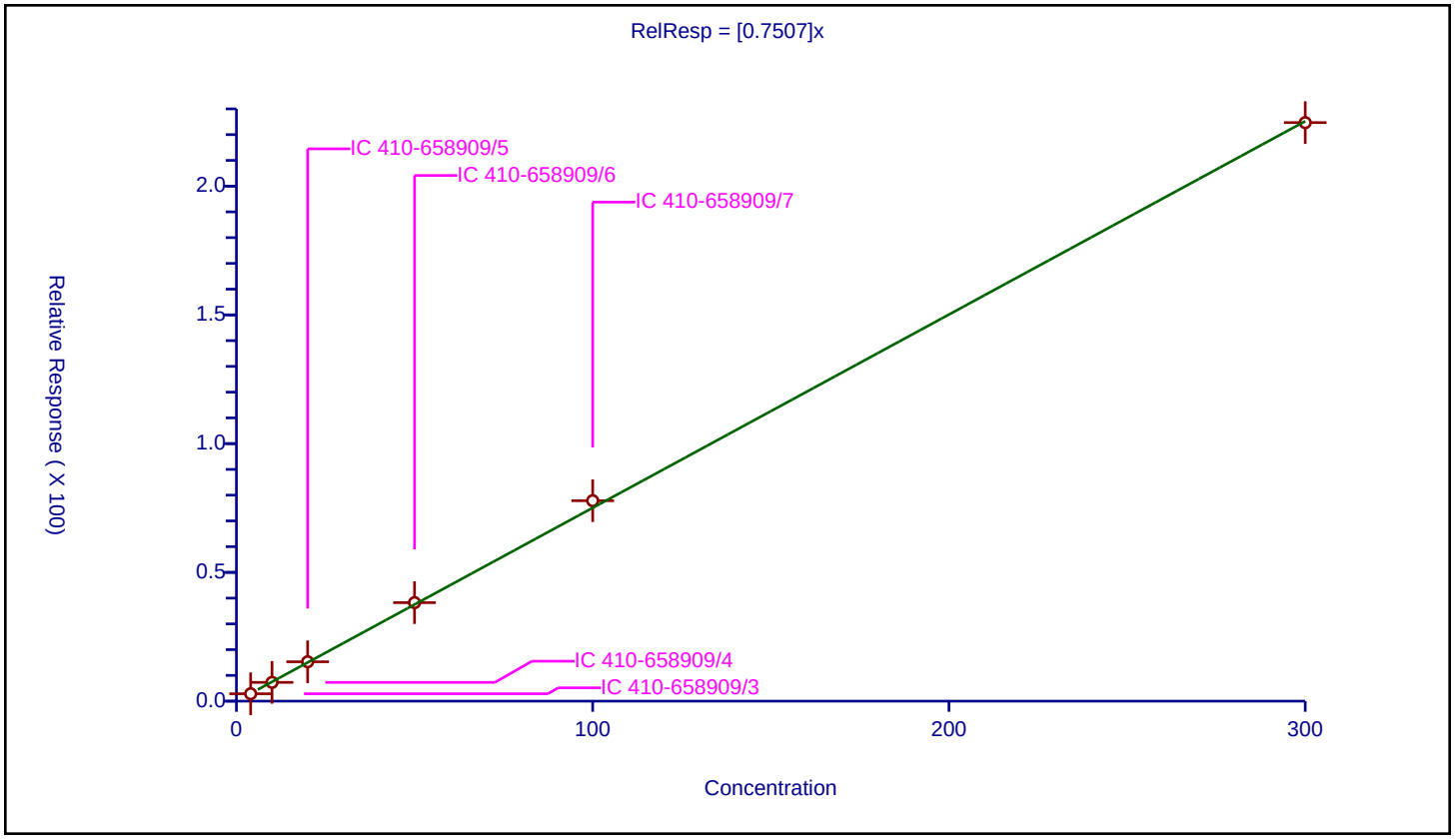
Curve Coefficients

Intercept:	0
Slope:	0.7507

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.0	2.872983	50.0	723760.0	0.718246	Y
2	IC 410-658909/4	10.0	7.288086	50.0	767705.0	0.728809	Y
3	IC 410-658909/5	20.0	15.293235	50.0	750456.0	0.764662	Y
4	IC 410-658909/6	50.0	38.252948	50.0	731209.0	0.765059	Y
5	IC 410-658909/7	100.0	77.843643	50.0	729267.0	0.778436	Y
6	IC 410-658909/8	300.0	224.667925	50.0	753519.0	0.748893	Y



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Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

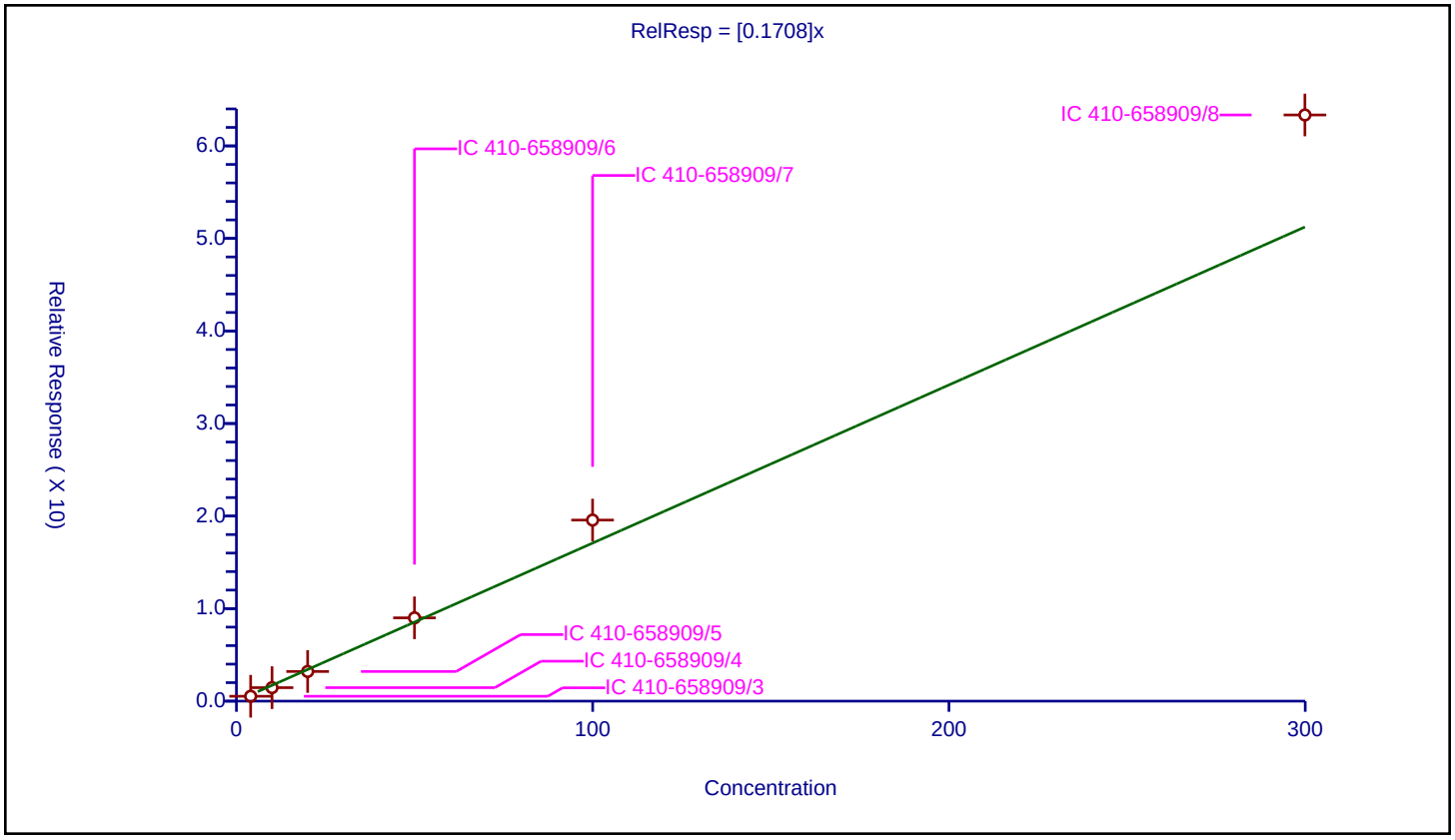
Curve Coefficients

Intercept:	0
Slope:	0.1708

Error Coefficients

Relative Standard Deviation:	17.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	3.998831	0.527523	50.0	723760.0	0.131919	Y
2	IC 410-658909/4	9.997078	1.457135	50.0	767705.0	0.145756	Y
3	IC 410-658909/5	19.994156	3.206117	50.0	750456.0	0.160353	Y
4	IC 410-658909/6	49.98539	9.001325	50.0	731209.0	0.180079	Y
5	IC 410-658909/7	99.97078	19.566908	50.0	729267.0	0.195726	Y
6	IC 410-658909/8	299.91234	63.345052	50.0	753519.0	0.211212	Y



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Calibration / 2,3,4-Trichlorobutene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

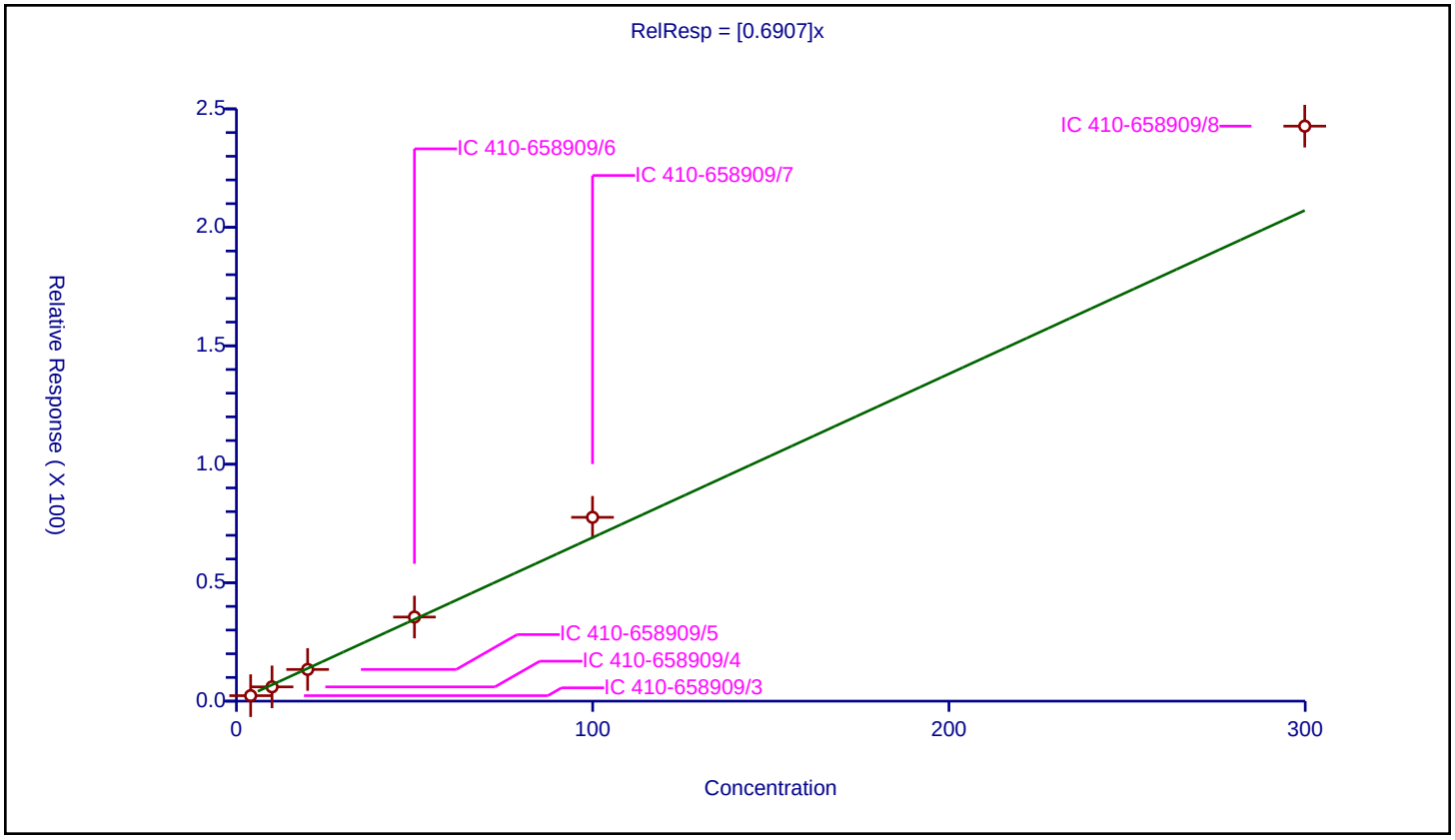
Curve Coefficients

Intercept:	0
Slope:	0.6907

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	3.998303	2.308735	50.0	405720.0	0.577429	Y
2	IC 410-658909/4	9.995756	6.015976	50.0	436280.0	0.601853	Y
3	IC 410-658909/5	19.991513	13.376028	50.0	417695.0	0.669085	Y
4	IC 410-658909/6	49.978782	35.501686	50.0	403978.0	0.710335	Y
5	IC 410-658909/7	99.957564	77.590058	50.0	399383.0	0.77623	Y
6	IC 410-658909/8	299.872692	242.715318	50.0	411624.0	0.809395	Y



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Calibration / Pentachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

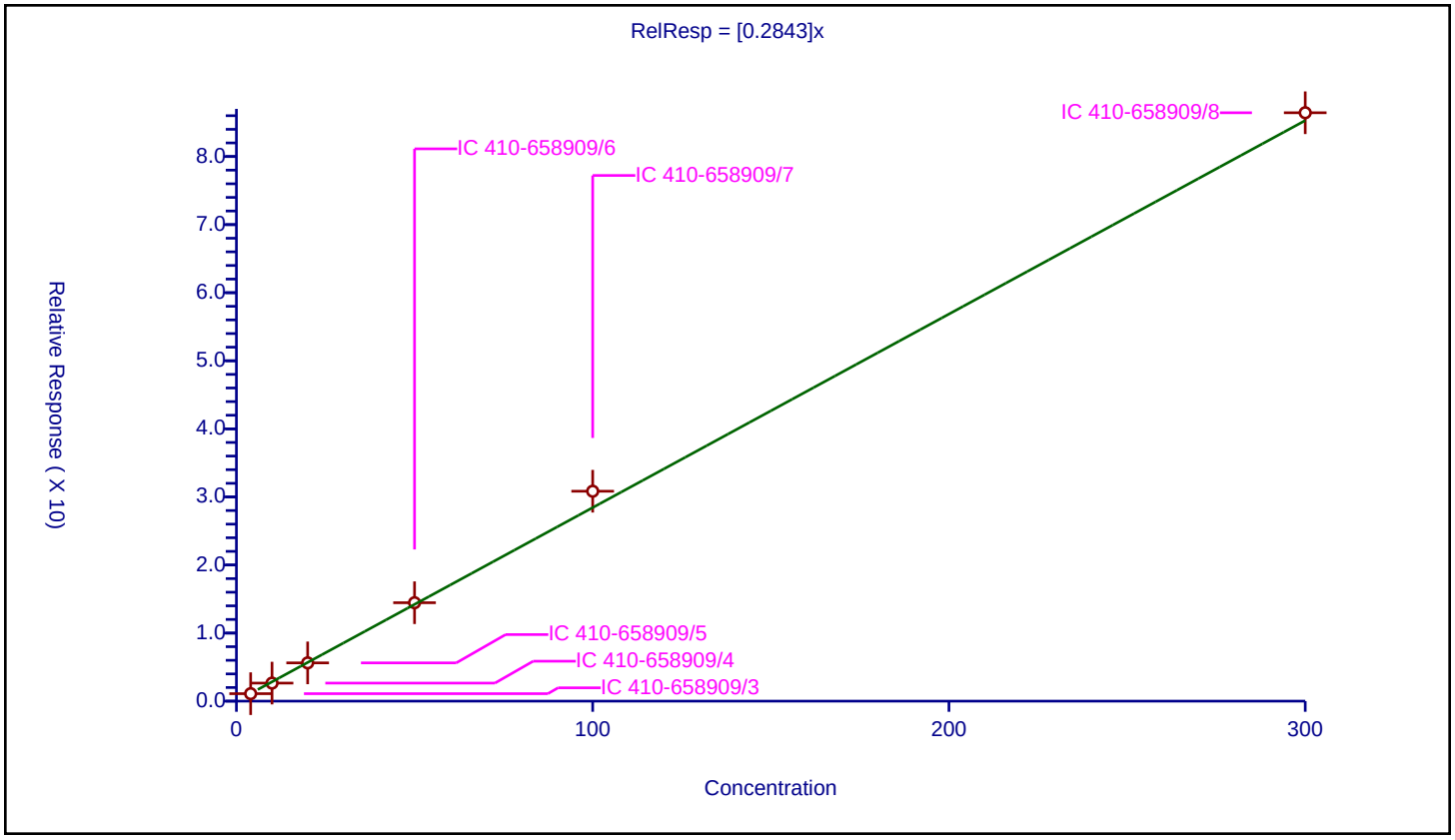
Curve Coefficients

Intercept:	0
Slope:	0.2843

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/3	4.0	1.096816	50.0	405720.0	0.274204	Y
2	IC 410-658909/4	10.0	2.648758	50.0	436280.0	0.264876	Y
3	IC 410-658909/5	20.0	5.621925	50.0	417695.0	0.281096	Y
4	IC 410-658909/6	50.0	14.458337	50.0	403978.0	0.289167	Y
5	IC 410-658909/7	100.0	30.836691	50.0	399383.0	0.308367	Y
6	IC 410-658909/8	300.0	86.433007	50.0	411624.0	0.28811	Y



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-658909/12	UU17X12.D
Level 2	IC 410-658909/13	UU17X13.D
Level 3	IC 410-658909/14	UU17X14.D
Level 4	IC 410-658909/15	UU17X15.D
Level 5	ICIS 410-658909/16	UU17X16.D
Level 6	IC 410-658909/17	UU17X17.D
Level 7	IC 410-658909/18	UU17X18.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	0.4159 0.4613	0.5100 0.4573	0.5255	+++++	0.4705	Ave		0.4734			0.1000	8.3		20.0			
Chloromethane	0.4690 0.4641	0.5416 0.4327	0.5443	+++++	0.4614	Ave		0.4855			0.1000	9.5		20.0			
1,3-Butadiene	0.6901 0.4521	0.5668 0.4385	0.5435	+++++	0.4601	Ave		0.5252				18.3		20.0			
Vinyl chloride	0.4658 0.4523	0.5603 0.4418	0.5492	+++++	0.4688	Ave		0.4897			0.1000	10.5		20.0			
Bromomethane	0.3092 0.3319	0.3854 0.3213	0.3863	+++++	0.3407	Ave		0.3458			0.1000	9.5		20.0			
Chloroethane	0.2627 0.2676	0.3164 0.2620	0.3067	+++++	0.2694	Ave		0.2808			0.1000	8.6		20.0			
Dichlorofluoromethane	0.7378 0.7084	0.8460 0.6979	0.8385	+++++	0.7283	Ave		0.7595			0.1000	8.6		20.0			
n-Pentane	0.4849 0.4630	0.5200 0.4816	0.4968	+++++	0.4537	Ave		0.4833				4.9		20.0			
Trichlorofluoromethane	0.5126 0.5467	0.6117 0.5502	0.6178	+++++	0.5561	Ave		0.5659			0.1000	7.2		20.0			
Ethanol	0.0442 0.0537	0.0590 0.0547	0.0569	+++++	0.0570	Ave		0.0542				9.7		20.0			
Freon 123a	0.3545 0.3520	0.4080 0.3478	0.4051	+++++	0.3530	Ave		0.3701				7.7		20.0			
Acrolein	1.5581 1.4925	1.5549 1.4644	1.5990	+++++	1.4302	Ave		1.5165				4.2		20.0			
1,1-Dichloroethene	0.2671 0.2758	0.3129 0.2751	0.3061	+++++	0.2722	Ave		0.2849			0.1000	6.8		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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Acetone	0.5544 0.7715	0.7905 0.7546	0.7948	+++++	0.7344	Ave		0.7334			0.1000	12.3		20.0			
Freon 113	0.2754 0.3276	0.3591 0.3232	0.3552	+++++	0.3305	Ave		0.3285			0.1000	9.1		20.0			
Methyl iodide	0.5364 0.5381	0.5910 0.5244	0.5990	+++++	0.5395	Ave		0.5547				5.7		20.0			
2-Propanol	0.5735 0.6904	0.8802 0.6934	0.7591	+++++	0.7298	Ave		0.7210				13.9		20.0			
Carbon disulfide	0.6778 0.9086	0.8154 0.9439	0.8766	+++++	0.8775	Ave		0.8500			0.1000	11.1		20.0			
Methyl acetate	0.3926 0.3268	0.3782 0.3121	0.3643	+++++	0.3330	Ave		0.3512			0.1000	9.1		20.0			
Allyl chloride	0.4092 0.3975	0.3856 0.3798	0.4041	+++++	0.3824	Ave		0.3931				3.1		20.0			
Methylene Chloride	0.3119 0.3146	0.3477 0.3080	0.3486	+++++	0.3125	Ave		0.3239			0.1000	5.8		20.0			
t-Butyl alcohol	1.0913 1.0780	1.1152 1.0377	1.1109	+++++	1.1098	Ave		1.0905				2.7		20.0			
Acrylonitrile	0.1791 0.1821	0.1893 0.1741	0.1983	+++++	0.1852	Ave		0.1847				4.6		20.0			
trans-1,2-Dichloroethene	0.2532 0.2816	0.2916 0.2617	0.3115	+++++	0.2742	Ave		0.2790			0.1000	7.5		20.0			
Methyl tertiary butyl ether	0.9134 0.8811	0.9402 0.8563	0.9680	+++++	0.8846	Ave		0.9073			0.1000	4.6		20.0			
n-Hexane	0.3470 0.3949	0.4028 0.3708	0.4140	+++++	0.3951	Ave		0.3874				6.3		20.0			
1,1-Dichloroethane	0.4703 0.4855	0.5147 0.4510	0.5327	+++++	0.4740	Ave		0.4880			0.2000	6.2		20.0			
Isopropyl ether	0.7842 0.7977	0.8247 0.7755	0.8469	+++++	0.7822	Ave		0.8019				3.5		20.0			
2-Chloro-1,3-butadiene	0.3741 0.4298	0.4544 0.4007	0.4629	+++++	0.4233	Ave		0.4242				7.8		20.0			
Ethyl t-butyl ether	0.7989 0.8417	0.8461 0.8241	0.8863	+++++	0.8300	Ave		0.8379				3.5		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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone	0.2728 0.2397	0.2550 0.2464	0.2512	+++++	0.2414	Ave		0.2511			0.1000	4.8		20.0			
cis-1,2-Dichloroethene	0.3185 0.3286	0.3534 0.3051	0.3631	+++++	0.3251	Ave		0.3323			0.1000	6.6		20.0			
2,2-Dichloropropane	0.3868 0.4514	0.4537 0.4493	0.4654	+++++	0.4439	Ave		0.4417				6.3		20.0			
Propionitrile	1.1102 1.1351	1.1189 1.1514	1.2382	+++++	1.1099	Ave		1.1439				4.3		20.0			
Methyl acrylate	0.4274 0.4483	0.4277 0.4498	0.4482	+++++	0.4414	Ave		0.4405				2.4		20.0			
Methacrylonitrile	0.1787 0.1809	0.1794 0.1787	0.1877	+++++	0.1785	Ave		0.1806				2.0		20.0			
Bromochloromethane	0.1587 0.1591	0.1716 0.1493	0.1758	+++++	0.1573	Ave		0.1620				6.1		20.0			
Tetrahydrofuran	1.1688 1.0597	1.0586 1.0707	1.1451	+++++	1.0090	Ave		1.0853				5.5		20.0			
Chloroform	0.4778 0.4914	0.5312 0.4594	0.5355	+++++	0.4828	Ave		0.4964			0.2000	6.2		20.0			
1,1,1-Trichloroethane	0.4173 0.4517	0.4706 0.4498	0.4737	+++++	0.4453	Ave		0.4514			0.1000	4.5		20.0			
Cyclohexane	0.4687 0.5445	0.5682 0.5478	0.5751	+++++	0.5406	Ave		0.5408			0.1000	7.0		20.0			
Carbon tetrachloride	0.2854 0.3795	0.3505 0.3855	0.3742	+++++	0.3635	Ave		0.3564			0.1000	10.4		20.0			
1,1-Dichloropropene	0.3686 0.4183	0.4251 0.4085	0.4378	+++++	0.4100	Ave		0.4114				5.7		20.0			
Isobutyl alcohol	0.3556 0.3343	0.3192 0.3360	0.3317	+++++	0.3282	Ave		0.3342				3.6		20.0			
Benzene	1.1978 1.2147	1.2880 1.1933	1.3052	+++++	1.1931	Ave		1.2320			0.5000	4.1		20.0			
1,2-Dichloroethane	0.3620 0.3603	0.3802 0.3509	0.3854	+++++	0.3522	Ave		0.3652			0.1000	4.0		20.0			
t-Amyl methyl ether	0.8108 0.8217	0.8231 0.8233	0.8539	+++++	0.8085	Ave		0.8236				2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	0.3071 0.3510	0.3643 0.3411	0.3594	+++++	0.3489	Ave		0.3453				5.9		20.0			
n-Butanol	0.1858 0.2611	0.2150 0.2660	0.2304	+++++	0.2597	Ave		0.2363				13.5		20.0			
Trichloroethene	0.2845 0.3090	0.3092 0.3042	0.3195	+++++	0.2996	Ave		0.3043			0.2000	3.9		20.0			
Ethyl acrylate	0.3730 0.4434	0.3750 0.4694	0.4187	+++++	0.4251	Ave		0.4174				9.1		20.0			
Methylcyclohexane	0.4971 0.6040	0.5983 0.6068	0.6167	+++++	0.5963	Ave		0.5865			0.1000	7.6		20.0			
1,2-Dichloropropane	0.2474 0.2874	0.2846 0.2867	0.2962	+++++	0.2777	Ave		0.2800			0.1000	6.1		20.0			
t-Amyl ethyl ether	0.3784 0.4325	0.4148 0.4280	0.4415	+++++	0.4180	Ave		0.4189				5.3		20.0			
Methyl methacrylate	0.2206 0.2572	0.2314 0.2683	0.2532	+++++	0.2475	Ave		0.2464				7.1		20.0			
1,4-Dioxane	+++++ 0.0592	0.0585 0.0606	0.0659	+++++	0.0621	Ave		0.0613			0.0050	4.8		20.0			
Dibromomethane	0.1661 0.1865	0.1833 0.1861	0.1948	+++++	0.1837	Ave		0.1834				5.2		20.0			
Bromodichloromethane	0.2721 0.3484	0.3035 0.3588	0.3331	+++++	0.3283	Ave		0.3240			0.2000	9.8		20.0			
2-Nitropropane	1.0880 1.5322	1.0956 1.6451	1.3479	+++++	1.3885	Ave		1.3495				16.7		20.0			
2-Chloroethyl vinyl ether	0.1563 0.1922	0.1703 0.2060	0.1869	+++++	0.1975	Ave		0.1849				10.0		20.0			
cis-1,3-Dichloropropene	0.3284 0.4490	0.3773 +++++	0.4085	+++++	0.4209	Ave		0.3968			0.2000	11.6		20.0			
4-Methyl-2-pentanone	0.4302 0.4576	0.4477 0.4617	0.4686	+++++	0.4598	Ave		0.4543			0.1000	3.0		20.0			
Toluene	0.9972 1.0744	1.1298 1.0311	1.1333	+++++	1.0554	Ave		1.0702			0.4000	5.1		20.0			
trans-1,3-Dichloropropene	0.4185 0.5581	0.4602 0.5738	0.5110	+++++	0.5237	Ave		0.5075			0.1000	11.6		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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.5667 0.6311	0.5891 0.6121	0.6409	+++++	0.6326	Ave		0.6121				4.7		20.0			
1,1,2-Trichloroethane	0.3491 0.3540	0.3534 0.3446	0.3709	+++++	0.3519	Ave		0.3540			0.1000	2.5		20.0			
Tetrachloroethene	0.4172 0.4479	0.4765 0.4259	0.4759	+++++	0.4472	Ave		0.4484			0.2000	5.5		20.0			
1,3-Dichloropropane	0.5495 0.6005	0.5889 0.6012	0.6221	+++++	0.5858	Ave		0.5913				4.1		20.0			
2-Hexanone	0.4435 0.4412	0.4642 0.4373	0.4727	+++++	0.4561	Ave		0.4525			0.1000	3.1		20.0			
Dibromochloromethane	0.2768 0.3793	0.2976 0.3906	0.3337	+++++	0.3570	Ave		0.3392				13.3		20.0			
1,2-Dibromoethane	0.3678 0.3737	0.3666 0.3739	0.3868	+++++	0.3694	Ave		0.3730			0.1000	2.0		20.0			
1-Chlorohexane	0.5963 0.5744	0.6200 0.5593	0.6236	+++++	0.5709	Ave		0.5907				4.6		20.0			
Chlorobenzene	1.1131 1.1566	1.1754 1.1456	1.2099	+++++	1.1309	Ave		1.1552			0.5000	3.0		20.0			
1,1,1,2-Tetrachloroethane	0.3264 0.4268	0.3821 0.4113	0.4177	+++++	0.4199	Ave		0.3974				9.6		20.0			
Ethylbenzene	2.0360 2.1335	2.2229 2.0521	2.2588	+++++	2.1214	Ave		2.1375			0.1000	4.2		20.0			
m&p-Xylene	0.7803 0.8408	0.8882 0.8151	0.9054	+++++	0.8385	Ave		0.8447			0.1000	5.5		20.0			
n-Butyl acrylate	0.7034 0.8435	0.7750 0.7987	0.8489	+++++	0.8497	Ave		0.8032				7.2		20.0			
o-Xylene	0.8050 0.8693	0.8989 0.8190	0.9242	+++++	0.8721	Ave		0.8648			0.3000	5.3		20.0			
Styrene	1.1979 1.2914	1.3212 1.2733	1.3742	+++++	1.2848	Ave		1.2904			0.3000	4.5		20.0			
Bromoform	0.1739 0.2625	0.1845 0.2738	0.2201	+++++	0.2453	Ave		0.2267			0.1000	18.1		20.0			
Isopropylbenzene	1.7708 2.1013	2.1580 1.9704	2.2165	+++++	2.1079	Ave		2.0541			0.1000	7.8		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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.2115 0.2234	0.2279 0.2317	0.2299	+++++	0.2309	Ave		0.2259				3.4		20.0			
1,1,2,2-Tetrachloroethane	1.1446 1.2612	1.1662 1.2260	1.2347	+++++	1.2558	Ave		1.2147			0.3000	4.0		20.0			
Bromobenzene	0.8148 0.8866	0.8528 0.8928	0.8801	+++++	0.8613	Ave		0.8647				3.3		20.0			
trans-1,4-Dichloro-2-butene	0.2540 0.3294	0.2800 0.3265	0.3145	+++++	0.3226	Ave		0.3045				10.1		20.0			
1,2,3-Trichloropropane	0.3621 0.3997	0.3801 0.3876	0.4028	+++++	0.4001	Ave		0.3887				4.0		20.0			
N-Propylbenzene	4.0345 5.0252	4.8233 4.7062	4.9384	+++++	4.8943	Ave		4.7370				7.6		20.0			
2-Chlorotoluene	0.8195 0.9884	0.9598 0.9699	0.9872	+++++	0.9662	Ave		0.9485				6.8		20.0			
1,3,5-Trimethylbenzene	2.8083 3.7686	3.3720 3.6947	3.5341	+++++	3.6197	Ave		3.4662				10.1		20.0			
4-Chlorotoluene	0.8029 0.9214	0.8975 0.9280	0.9255	+++++	0.8994	Ave		0.8958				5.3		20.0			
tert-Butylbenzene	0.5060 0.7668	0.6610 0.7624	0.6809	+++++	0.7290	Ave		0.6843				14.2		20.0			
1,2,4-Trimethylbenzene	2.9139 3.7567	3.4533 3.6542	3.6043	+++++	3.6434	Ave		3.5043				8.7		20.0			
sec-Butylbenzene	3.3554 4.8603	4.3069 4.5850	4.4472	+++++	4.6766	Ave		4.3719				12.2		20.0			
1,3-Dichlorobenzene	1.6069 1.7317	1.7250 1.6961	1.7577	+++++	1.7055	Ave		1.7038			0.6000	3.1		20.0			
p-Isopropyltoluene	3.1022 4.2139	3.7324 4.0732	3.8944	+++++	4.0829	Ave		3.8498				10.5		20.0			
1,4-Dichlorobenzene	1.5742 1.7122	1.7000 1.6885	1.7385	+++++	1.6805	Ave		1.6823			0.5000	3.4		20.0			
1,2,3-Trimethylbenzene	3.0725 3.8188	3.5635 3.7484	3.6447	+++++	3.7158	Ave		3.5939				7.5		20.0			
Benzyl chloride	+++++ 2.4985	1.6462 2.4989	1.9331	+++++	2.3604	Ave		2.1874				17.4		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	1.7552 2.3034	2.1398 2.2453	2.2127	+++++	2.2393	Ave		2.1493				9.3		20.0			
1,4-Diethylbenzene	1.9721 2.4330	2.2952 2.3660	2.3489	+++++	2.4034	Ave		2.3031				7.3		20.0			
n-Butylbenzene	1.5094 1.9618	1.8708 1.9243	1.9108	+++++	1.9314	Ave		1.8514				9.2		20.0			
1,2-Dichlorobenzene	1.5914 1.7510	1.7636 1.6948	1.7997	+++++	1.7276	Ave		1.7214			0.4000	4.2		20.0			
1,2-Diethylbenzene	1.4378 1.9444	1.7088 1.9431	1.7823	+++++	1.8765	Ave		1.7822				10.8		20.0			
1,2-Dibromo-3-Chloropropane	0.2519 0.3739	0.2956 0.3541	0.3290	+++++	0.3734	Ave		0.3297			0.0500	14.7		20.0			
1,3,5-Trichlorobenzene	1.0967 1.2841	1.2389 1.2229	1.2592	+++++	1.2774	Ave		1.2299				5.6		20.0			
1,2,4-Trichlorobenzene	1.0905 1.2262	1.1722 1.1359	1.1877	+++++	1.2185	Ave		1.1718			0.2000	4.4		20.0			
2-Ethylhexyl acrylate	+++++ 1.2581	0.8655 1.2636	0.9879	+++++	1.2675	Ave		1.1285				16.8		20.0			
Hexachlorobutadiene	0.3284 0.4489	0.3959 0.4442	0.4157	+++++	0.4449	Ave		0.4130				11.2		20.0			
Naphthalene	4.1820 4.9639	4.6898 4.4109	4.8098	+++++	5.0954	Ave		4.6920				7.3		20.0			
1,2,3-Trichlorobenzene	1.0699 1.2235	1.1661 1.1128	1.1926	+++++	1.2326	Ave		1.1662				5.5		20.0			
2-Methylnaphthalene	1.7558 2.5776	2.1633 2.2805	2.2125	+++++	2.6066	Ave		2.2661				13.8		20.0			
Dibromofluoromethane (Surr)	0.2465 0.2400	0.2459 0.2304	0.2443	+++++	0.2393	Ave		0.2411				2.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0646 0.0639	0.0632 0.0629	0.0639	+++++	0.0630	Ave		0.0636				1.0		20.0			
Toluene-d8 (Surr)	1.3726 1.3864	1.4034 1.3271	1.3844	+++++	1.3823	Ave		1.3760				1.9		20.0			
4-Bromofluorobenzene (Surr)	0.5085 0.4779	0.5053 0.4804	0.5066	+++++	0.4894	Ave		0.4947				2.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-658909/12	UU17X12.D
Level 2	IC 410-658909/13	UU17X13.D
Level 3	IC 410-658909/14	UU17X14.D
Level 4	IC 410-658909/15	UU17X15.D
Level 5	ICIS 410-658909/16	UU17X16.D
Level 6	IC 410-658909/17	UU17X17.D
Level 7	IC 410-658909/18	UU17X18.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	9108 1096413	44306 3351577	114331	+++++	529761	1.00 100	4.00 300	10.0	+++++	50.0
Chloromethane	FB	Ave	10270 1103199	47046 3171803	118428	+++++	519443	1.00 100	4.00 300	10.0	+++++	50.0
1,3-Butadiene	FB	Ave	15112 1074672	49233 3214208	118258	+++++	517989	1.00 100	4.00 300	10.0	+++++	50.0
Vinyl chloride	FB	Ave	10200 1075184	48672 3238162	119481	+++++	527832	1.00 100	4.00 300	10.0	+++++	50.0
Bromomethane	FB	Ave	6771 788837	33475 2355110	84053	+++++	383563	1.00 100	4.00 300	10.0	+++++	50.0
Chloroethane	FB	Ave	5754 636119	27481 1920004	66737	+++++	303346	1.00 100	4.00 300	10.0	+++++	50.0
Dichlorofluoromethane	FB	Ave	16158 1683913	73488 5115107	182425	+++++	819986	1.00 100	4.00 300	10.0	+++++	50.0
n-Pentane	FB	Ave	10619 1100538	45170 3529500	108078	+++++	510813	1.00 100	4.00 300	10.0	+++++	50.0
Trichlorofluoromethane	FB	Ave	11226 1299550	53139 4032930	134405	+++++	626102	1.00 100	4.00 300	10.0	+++++	50.0
Ethanol	TBAd10	Ave	4276 228554	22903 711415	43166	+++++	120869	62.5 2500	250 7500	500	+++++	1250
Freon 123a	FB	Ave	7763 836818	35444 2549102	88144	+++++	397395	1.00 100	4.00 300	10.0	+++++	50.0
Acrolein	TBAd10	Ave	23559 2479081	94307 7432345	236884	+++++	1183029	9.76 976	39.0 2927	97.6	+++++	488
1,1-Dichloroethene	FB	Ave	5850 655577	27177 2016472	66604	+++++	306505	1.00 100	4.00 300	10.0	+++++	50.0
Acetone	TBAd10	Ave	1718	9827	24132	+++++	124507	2.00	8.00	20.0	+++++	100

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

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
			262657	784952				200	600			
Freon 113	FB	Ave	6032 778614	31196 2369084	77284	+++++	372107	1.00 100	4.00 300	10.0	+++++	50.0
Methyl iodide	FB	Ave	11746 1279142	51337 3843831	130320	+++++	607434	1.00 100	4.00 300	10.0	+++++	50.0
2-Propanol	TBAd10	Ave	4443 587575	27353 1803362	57619	+++++	309301	5.00 500	20.0 1500	50.0	+++++	250
Carbon disulfide	FB	Ave	14843 2159742	70833 6918405	190731	+++++	987934	1.00 100	4.00 300	10.0	+++++	50.0
Methyl acetate	FB	Ave	8597 776907	32851 2287625	79265	+++++	374943	1.00 100	4.00 300	10.0	+++++	50.0
Allyl chloride	FB	Ave	8961 944911	33500 2783425	87926	+++++	430511	1.00 100	4.00 300	10.0	+++++	50.0
Methylene Chloride	FB	Ave	6831 747735	30206 2257273	75855	+++++	351869	1.00 100	4.00 300	10.0	+++++	50.0
t-Butyl alcohol	TBAd10	Ave	8455 917487	34656 2698570	84323	+++++	470391	5.00 500	20.0 1500	50.0	+++++	250
Acrylonitrile	FB	Ave	9806 1082431	41115 3190681	107875	+++++	521223	2.50 250	10.0 750	25.0	+++++	125
trans-1,2-Dichloroethene	FB	Ave	5545 669432	25329 1917850	67782	+++++	308713	1.00 100	4.00 300	10.0	+++++	50.0
Methyl tertiary butyl ether	FB	Ave	20002 2094284	81676 6276444	210613	+++++	995928	1.00 100	4.00 300	10.0	+++++	50.0
n-Hexane	FB	Ave	7598 938718	34989 2717436	90066	+++++	444801	1.00 100	4.00 300	10.0	+++++	50.0
1,1-Dichloroethane	FB	Ave	10300 1154131	44707 3305404	115905	+++++	533703	1.00 100	4.00 300	10.0	+++++	50.0
Isopropyl ether	FB	Ave	17174 1896176	71637 5684167	184255	+++++	880690	1.00 100	4.00 300	10.0	+++++	50.0
2-Chloro-1,3-butadiene	FB	Ave	8192 1021734	39473 2936777	100704	+++++	476568	1.00 100	4.00 300	10.0	+++++	50.0
Ethyl t-butyl ether	FB	Ave	17496 2000717	73498 6040342	192834	+++++	934476	1.00 100	4.00 300	10.0	+++++	50.0
2-Butanone	FB	Ave	11948 1139702	44303 3611801	109289	+++++	543625	2.00 200	8.00 600	20.0	+++++	100
cis-1,2-Dichloroethene	FB	Ave	6975 780994	30699 2236093	78992	+++++	365988	1.00 100	4.00 300	10.0	+++++	50.0
2,2-Dichloropropane	FB	Ave	8471 1072915	39409 3292932	101247	+++++	499791	1.00 100	4.00 300	10.0	+++++	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBAd10	Ave	8601 966056	34773 2994287	93987	+++++	470419	5.00 500	20.0 1500	50.0	+++++	250
Methyl acrylate	FB	Ave	9362 1065777	37164 3297249	97542	+++++	497096	1.00 100	4.00 300	10.0	+++++	50.0
Methacrylonitrile	FB	Ave	9782 1074838	38951 3273567	102107	+++++	502362	2.50 250	10.0 750	25.0	+++++	125
Bromochloromethane	FB	Ave	3476 378140	14904 1094373	38238	+++++	177152	1.00 100	4.00 300	10.0	+++++	50.0
Tetrahydrofuran	TBAd10	Ave	9055 901925	32899 2784581	86921	+++++	427638	5.00 500	20.0 1500	50.0	+++++	250
Chloroform	FB	Ave	10464 1168017	46146 3367270	116509	+++++	543553	1.00 100	4.00 300	10.0	+++++	50.0
1,1,1-Trichloroethane	FB	Ave	9138 1073812	40876 3296422	103055	+++++	501345	1.00 100	4.00 300	10.0	+++++	50.0
Cyclohexane	FB	Ave	10264 1294169	49362 4015293	125129	+++++	608653	1.00 100	4.00 300	10.0	+++++	50.0
Carbon tetrachloride	FB	Ave	6251 902150	30444 2825539	81410	+++++	409240	1.00 100	4.00 300	10.0	+++++	50.0
1,1-Dichloropropene	FB	Ave	8072 994304	36927 2994080	95261	+++++	461648	1.00 100	4.00 300	10.0	+++++	50.0
Isobutyl alcohol	TBAd10	Ave	6888 711347	24797 2184457	62939	+++++	347746	12.5 1250	50.0 3750	125	+++++	625
Benzene	FB	Ave	26230 2887367	111887 8746125	283972	+++++	1343276	1.00 100	4.00 300	10.0	+++++	50.0
1,2-Dichloroethane	FB	Ave	7927 856411	33029 2572158	83859	+++++	396516	1.00 100	4.00 300	10.0	+++++	50.0
t-Amyl methyl ether	FB	Ave	17755 1953309	71504 6034624	185776	+++++	910321	1.00 100	4.00 300	10.0	+++++	50.0
n-Heptane	FB	Ave	6726 834325	31650 2499942	78190	+++++	392864	1.00 100	4.00 300	10.0	+++++	50.0
n-Butanol	TBAd10	Ave	3598 555524	16705 1729409	43728	+++++	275129	12.5 1250	50.0 3750	125	+++++	625
Trichloroethene	FB	Ave	6231 734443	26857 2229368	69516	+++++	337266	1.00 100	4.00 300	10.0	+++++	50.0
Ethyl acrylate	FB	Ave	8172 1054277	32591 3441608	91137	+++++	478789	1.00 100	4.00 300	10.0	+++++	50.0
Methylcyclohexane	FB	Ave	10887	51970	134183	+++++	671330	1.00	4.00	10.0	+++++	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

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
			1435629	4447289				100	300			
1,2-Dichloropropane	FB	Ave	5419 683259	24725 2101274	64444	+++++	312618	1.00 100	4.00 300	10.0	+++++	50.0
t-Amyl ethyl ether	FB	Ave	8287 1027954	36036 3137350	96063	+++++	470654	1.00 100	4.00 300	10.0	+++++	50.0
Methyl methacrylate	FB	Ave	4832 611466	20104 1966748	55086	+++++	278652	1.00 100	4.00 300	10.0	+++++	50.0
1,4-Dioxane	TBAd10	Ave	+++++ 125893	4544 393710	12515	+++++	65814	+++++ 1250	50.0 3750	125	+++++	625
Dibromomethane	FB	Ave	3637 443198	15927 1364281	42378	+++++	206796	1.00 100	4.00 300	10.0	+++++	50.0
Bromodichloromethane	FB	Ave	5958 828048	26367 2629452	72466	+++++	369612	1.00 100	4.00 300	10.0	+++++	50.0
2-Nitropropane	TBAd10	Ave	8429 1304047	34048 4278259	102319	+++++	588505	5.00 500	20.0 1500	50.0	+++++	250
2-Chloroethyl vinyl ether	FB	Ave	3423 456895	14795 1509896	40656	+++++	222390	1.00 100	4.00 300	10.0	+++++	50.0
cis-1,3-Dichloropropene	FB	Ave	7191 1067324	32779 +++++	88875	+++++	473837	1.00 100	4.00 +++++	10.0	+++++	50.0
4-Methyl-2-pentanone	FB	Ave	18843 2175475	77775 6768286	203886	+++++	1035341	2.00 200	8.00 600	20.0	+++++	100
Toluene	CBZd5	Ave	14464 1757856	64650 5530935	166335	+++++	801880	1.00 100	4.00 300	10.0	+++++	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	6071 913030	26332 3078155	74994	+++++	397896	1.00 100	4.00 300	10.0	+++++	50.0
Ethyl methacrylate	CBZd5	Ave	8220 1032560	33712 3283532	94069	+++++	480640	1.00 100	4.00 300	10.0	+++++	50.0
1,1,2-Trichloroethane	CBZd5	Ave	5064 579110	20223 1848578	54430	+++++	267323	1.00 100	4.00 300	10.0	+++++	50.0
Tetrachloroethene	CBZd5	Ave	6052 732844	27264 2284787	69855	+++++	339732	1.00 100	4.00 300	10.0	+++++	50.0
1,3-Dichloropropane	CBZd5	Ave	7971 982531	33699 3225172	91302	+++++	445043	1.00 100	4.00 300	10.0	+++++	50.0
2-Hexanone	CBZd5	Ave	12865 1443775	53125 4691197	138744	+++++	693075	2.00 200	8.00 600	20.0	+++++	100
Dibromochloromethane	CBZd5	Ave	4015 620573	17028 2095441	48972	+++++	271232	1.00 100	4.00 300	10.0	+++++	50.0
1,2-Dibromoethane	CBZd5	Ave	5335 611432	20976 2005527	56769	+++++	280667	1.00 100	4.00 300	10.0	+++++	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBZd5	Ave	8649 939689	35476 3000235	91520	+++++	433707	1.00 100	4.00 300	10.0	+++++	50.0
Chlorobenzene	CBZd5	Ave	16145 1892280	67256 6145017	177583	+++++	859212	1.00 100	4.00 300	10.0	+++++	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	4735 698359	21867 2206559	61310	+++++	318993	1.00 100	4.00 300	10.0	+++++	50.0
Ethylbenzene	CBZd5	Ave	29532 3490619	127201 11007937	331525	+++++	1611706	1.00 100	4.00 300	10.0	+++++	50.0
m&p-Xylene	CBZd5	Ave	22637 2751230	101645 8744500	265773	+++++	1274122	2.00 200	8.00 600	20.0	+++++	100
n-Butyl acrylate	CBZd5	Ave	10199 1379392	44329 4282440	124538	+++++	645315	1.000 100.0	4.00 300	10.00	+++++	50.0
o-Xylene	CBZd5	Ave	11676 1422316	51439 4393482	135648	+++++	662579	1.00 100	4.00 300	10.0	+++++	50.0
Styrene	CBZd5	Ave	17375 2112816	75599 6830227	201692	+++++	976100	1.00 100	4.00 300	10.0	+++++	50.0
Bromoform	CBZd5	Ave	2522 429473	10559 1468841	32305	+++++	186334	1.00 100	4.00 300	10.0	+++++	50.0
Isopropylbenzene	CBZd5	Ave	25685 3437849	123487 10569672	325317	+++++	1601460	1.00 100	4.00 300	10.0	+++++	50.0
Cyclohexanone	TBAd10	Ave	16385 475430	70827 1506100	87254	+++++	244658	50.0 1250	200 3750	250	+++++	625
1,1,2,2-Tetrachloroethane	DCBd4	Ave	9600 1059683	37919 3299727	103130	+++++	505844	1.00 100	4.00 300	10.0	+++++	50.0
Bromobenzene	DCBd4	Ave	6834 744949	27729 2402940	73510	+++++	346936	1.00 100	4.00 300	10.0	+++++	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	5325 691980	22763 2196561	65678	+++++	324896	2.50 250	10.0 750	25.0	+++++	125
1,2,3-Trichloropropane	DCBd4	Ave	3037 335870	12359 1043063	33646	+++++	161179	1.00 100	4.00 300	10.0	+++++	50.0
N-Propylbenzene	DCBd4	Ave	33837 4222209	156833 12666096	412500	+++++	1971536	1.00 100	4.00 300	10.0	+++++	50.0
2-Chlorotoluene	DCBd4	Ave	6873 830441	31207 2610375	82456	+++++	389185	1.00 100	4.00 300	10.0	+++++	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	23553 3166376	109641 9943751	295203	+++++	1458085	1.00 100	4.00 300	10.0	+++++	50.0
4-Chlorotoluene	DCBd4	Ave	6734 774140	29184 2497494	77309	+++++	362306	1.00 100	4.00 300	10.0	+++++	50.0
tert-Butylbenzene	DCBd4	Ave	4244	21492	56876	+++++	293654	1.00	4.00	10.0	+++++	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

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
			644255	2051775				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	24439 3156416	112287 9834898	301063	+++++	1467620	1.00 100	4.00 300	10.0	+++++	50.0
sec-Butylbenzene	DCBd4	Ave	28142 4083627	140043 12339941	371470	+++++	1883821	1.00 100	4.00 300	10.0	+++++	50.0
1,3-Dichlorobenzene	DCBd4	Ave	13477 1454999	56091 4564881	146821	+++++	687021	1.00 100	4.00 300	10.0	+++++	50.0
p-Isopropyltoluene	DCBd4	Ave	26018 3540515	121360 10962553	325294	+++++	1644666	1.00 100	4.00 300	10.0	+++++	50.0
1,4-Dichlorobenzene	DCBd4	Ave	13203 1438630	55278 4544429	145214	+++++	676942	1.00 100	4.00 300	10.0	+++++	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	25769 3208577	115870 10088284	304435	+++++	1496775	1.00 100	4.00 300	10.0	+++++	50.0
Benzyl chloride	DCBd4	Ave	+++++ 2099239	53526 6725361	161473	+++++	950816	+++++ 100	4.00 300	10.0	+++++	50.0
1,3-Diethylbenzene	DCBd4	Ave	14721 1935363	69576 6042905	184827	+++++	902020	1.00 100	4.00 300	10.0	+++++	50.0
1,4-Diethylbenzene	DCBd4	Ave	16540 2044243	74629 6367694	196204	+++++	968151	1.00 100	4.00 300	10.0	+++++	50.0
n-Butylbenzene	DCBd4	Ave	12659 1648341	60829 5178883	159605	+++++	777988	1.00 100	4.00 300	10.0	+++++	50.0
1,2-Dichlorobenzene	DCBd4	Ave	13347 1471165	57346 4561384	150327	+++++	695922	1.00 100	4.00 300	10.0	+++++	50.0
1,2-Diethylbenzene	DCBd4	Ave	12059 1633675	55564 5229482	148872	+++++	755907	1.00 100	4.00 300	10.0	+++++	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	2113 314180	9611 953121	27481	+++++	150426	1.00 100	4.00 300	10.0	+++++	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	9198 1078905	40285 3291351	105176	+++++	514564	1.00 100	4.00 300	10.0	+++++	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	9146 1030238	38114 3057055	99211	+++++	490832	1.00 100	4.00 300	10.0	+++++	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	+++++ 1056488	28129 3398930	82477	+++++	510313	+++++ 99.9	4.00 300	9.99	+++++	50.0
Hexachlorobutadiene	DCBd4	Ave	2754 377139	12873 1195554	34726	+++++	179219	1.00 100	4.00 300	10.0	+++++	50.0
Naphthalene	DCBd4	Ave	35074 4170717	152492 11871223	401756	+++++	2052520	1.00 100	4.00 300	10.0	+++++	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	8973 1028030	37915 2995038	99613	+++++	496502	1.00 100	4.00 300	10.0	+++++	50.0
2-Methylnaphthalene	DCBd4	Ave	14726	70342	184805	+++++	1049987	1.00	4.00	10.0	+++++	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

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
			2165702	6137694				100	300			
Dibromofluoromethane (Surr)	FB	Ave	269958 285281	266980 281474	265766	+++++	269378	50.0 50.0	50.0 50.0	50.0	+++++	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	70704 75892	68582 76825	69466	+++++	70942	50.0 50.0	50.0 50.0	50.0	+++++	50.0
Toluene-d8 (Surr)	CBZd5	Ave	995498 1134116	1003796 1186521	1015938	+++++	1050211	50.0 50.0	50.0 50.0	50.0	+++++	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	368792 390958	361411 429454	371744	+++++	371792	50.0 50.0	50.0 50.0	50.0	+++++	50.0

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-658909/12	UU17X12.D
Level 2	IC 410-658909/13	UU17X13.D
Level 3	IC 410-658909/14	UU17X14.D
Level 4	IC 410-658909/15	UU17X15.D
Level 5	ICIS 410-658909/16	UU17X16.D
Level 6	IC 410-658909/17	UU17X17.D
Level 7	IC 410-658909/18	UU17X18.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	-12.1 -3.4	7.7	11.0	+++++	-0.6	-2.6	50 30	30	30		30	30
Chloromethane	-3.4 -10.9	11.5	12.1	+++++	-5.0	-4.4	50 30	30	30		30	30
1,3-Butadiene	31.4 -16.5	7.9	3.5	+++++	-12.4	-13.9	50 30	30	30		30	30
Vinyl chloride	-4.9 -9.8	14.4	12.1	+++++	-4.3	-7.6	50 30	30	30		30	30
Bromomethane	-10.6 -7.1	11.4	11.7	+++++	-1.5	-4.0	50 30	30	30		30	30
Chloroethane	-6.4 -6.7	12.7	9.2	+++++	-4.1	-4.7	50 30	30	30		30	30
Dichlorofluoromethane	-2.9 -8.1	11.4	10.4	+++++	-4.1	-6.7	50 30	30	30		30	30
n-Pentane	0.3 -0.4	7.6	2.8	+++++	-6.1	-4.2	50 30	30	30		30	30
Trichlorofluoromethane	-9.4 -2.8	8.1	9.2	+++++	-1.7	-3.4	50 30	30	30		30	30
Ethanol	-18.6 0.9	8.7	4.8	+++++	5.2	-1.0	50 30	30	30		30	30
Freon 123a	-4.2 -6.0	10.3	9.5	+++++	-4.6	-4.9	50 30	30	30		30	30
Acrolein	2.7 -3.4	2.5	5.4	+++++	-5.7	-1.6	50 30	30	30		30	30
1,1-Dichloroethene	-6.2 -3.4	9.8	7.5	+++++	-4.4	-3.2	50 30	30	30		30	30
Acetone	-24.4 2.9	7.8	8.4	+++++	0.1	5.2	50 30	30	30		30	30
Freon 113	-16.2 -1.6	9.3	8.1	+++++	0.6	-0.3	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-3.3 -5.5	6.5	8.0	+++++	-2.7	-3.0	50 30	30	30		30	30
2-Propanol	-20.5 -3.8	22.1	5.3	+++++	1.2	-4.3	50 30	30	30		30	30
Carbon disulfide	-20.3 11.1	-4.1	3.1	+++++	3.2	6.9	50 30	30	30		30	30
Methyl acetate	11.8 -11.1	7.7	3.7	+++++	-5.2	-6.9	50 30	30	30		30	30
Allyl chloride	4.1 -3.4	-1.9	2.8	+++++	-2.7	1.1	50 30	30	30		30	30
Methylene Chloride	-3.7 -4.9	7.4	7.6	+++++	-3.5	-2.9	50 30	30	30		30	30
t-Butyl alcohol	0.1 -4.8	2.3	1.9	+++++	1.8	-1.1	50 30	30	30		30	30
Acrylonitrile	-3.0 -5.7	2.5	7.4	+++++	0.3	-1.4	50 30	30	30		30	30
trans-1,2-Dichloroethene	-9.2 -6.2	4.5	11.7	+++++	-1.7	1.0	50 30	30	30		30	30
Methyl tertiary butyl ether	0.7 -5.6	3.6	6.7	+++++	-2.5	-2.9	50 30	30	30		30	30
n-Hexane	-10.4 -4.3	4.0	6.9	+++++	2.0	1.9	50 30	30	30		30	30
1,1-Dichloroethane	-3.6 -7.6	5.5	9.2	+++++	-2.9	-0.5	50 30	30	30		30	30
Isopropyl ether	-2.2 -3.3	2.8	5.6	+++++	-2.5	-0.5	50 30	30	30		30	30
2-Chloro-1,3-butadiene	-11.8 -5.5	7.1	9.1	+++++	-0.2	1.3	50 30	30	30		30	30
Ethyl t-butyl ether	-4.6 -1.6	1.0	5.8	+++++	-0.9	0.5	50 30	30	30		30	30
2-Butanone	8.6 -1.9	1.6	0.0	+++++	-3.8	-4.5	50 30	30	30		30	30
cis-1,2-Dichloroethene	-4.1 -8.2	6.4	9.3	+++++	-2.2	-1.1	50 30	30	30		30	30
2,2-Dichloropropane	-12.4 1.7	2.7	5.3	+++++	0.5	2.2	50 30	30	30		30	30
Propionitrile	-2.9 0.7	-2.2	8.2	+++++	-3.0	-0.8	50 30	30	30		30	30
Methyl acrylate	-3.0 2.1	-2.9	1.8	+++++	0.2	1.8	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	-1.1 -1.1	-0.7	3.9	+++++	-1.2	0.1	50 30	30	30		30	30
Bromochloromethane	-2.0 -7.8	5.9	8.5	+++++	-2.9	-1.8	50 30	30	30		30	30
Tetrahydrofuran	7.7 -1.3	-2.5	5.5	+++++	-7.0	-2.4	50 30	30	30		30	30
Chloroform	-3.7 -7.4	7.0	7.9	+++++	-2.7	-1.0	50 30	30	30		30	30
1,1,1-Trichloroethane	-7.6 -0.4	4.2	4.9	+++++	-1.4	0.1	50 30	30	30		30	30
Cyclohexane	-13.3 1.3	5.1	6.3	+++++	0.0	0.7	50 30	30	30		30	30
Carbon tetrachloride	-19.9 8.2	-1.7	5.0	+++++	2.0	6.5	50 30	30	30		30	30
1,1-Dichloropropene	-10.4 -0.7	3.3	6.4	+++++	-0.3	1.7	50 30	30	30		30	30
Isobutyl alcohol	6.4 0.5	-4.5	-0.7	+++++	-1.8	0.0	50 30	30	30		30	30
Benzene	-2.8 -3.1	4.5	5.9	+++++	-3.2	-1.4	50 30	30	30		30	30
1,2-Dichloroethane	-0.9 -3.9	4.1	5.5	+++++	-3.6	-1.3	50 30	30	30		30	30
t-Amyl methyl ether	-1.6 0.0	-0.1	3.7	+++++	-1.8	-0.2	50 30	30	30		30	30
n-Heptane	-11.1 -1.2	5.5	4.1	+++++	1.0	1.6	50 30	30	30		30	30
n-Butanol	-21.4 12.6	-9.0	-2.5	+++++	9.9	10.5	50 30	30	30		30	30
Trichloroethene	-6.5 0.0	1.6	5.0	+++++	-1.6	1.5	50 30	30	30		30	30
Ethyl acrylate	-10.6 12.4	-10.2	0.3	+++++	1.8	6.2	50 30	30	30		30	30
Methylcyclohexane	-15.2 3.5	2.0	5.2	+++++	1.7	3.0	50 30	30	30		30	30
1,2-Dichloropropane	-11.6 2.4	1.6	5.8	+++++	-0.8	2.7	50 30	30	30		30	30
t-Amyl ethyl ether	-9.7 2.2	-1.0	5.4	+++++	-0.2	3.2	50 30	30	30		30	30
Methyl methacrylate	-10.4 8.9	-6.1	2.8	+++++	0.4	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dioxane	+++++ -1.1	-4.5	7.7	+++++	1.4	-3.4	30	50	30		30	30
Dibromomethane	-9.5 1.5	0.0	6.2	+++++	0.1	1.7	50 30	30	30		30	30
Bromodichloromethane	-16.0 10.7	-6.3	2.8	+++++	1.3	7.5	50 30	30	30		30	30
2-Nitropropane	-19.4 21.9	-18.8	-0.1	+++++	2.9	13.5	50 30	30	30		30	30
2-Chloroethyl vinyl ether	-15.5 11.4	-7.9	1.1	+++++	6.8	4.0	50 30	30	30		30	30
cis-1,3-Dichloropropene	-17.2 +++++	-4.9	2.9	+++++	6.1	13.2	50	30	30		30	30
4-Methyl-2-pentanone	-5.3 1.6	-1.5	3.1	+++++	1.2	0.7	50 30	30	30		30	30
Toluene	-6.8 -3.7	5.6	5.9	+++++	-1.4	0.4	50 30	30	30		30	30
trans-1,3-Dichloropropene	-17.5 13.1	-9.3	0.7	+++++	3.2	10.0	50 30	30	30		30	30
Ethyl methacrylate	-7.4 0.0	-3.8	4.7	+++++	3.4	3.1	50 30	30	30		30	30
1,1,2-Trichloroethane	-1.4 -2.6	-0.2	4.8	+++++	-0.6	0.0	50 30	30	30		30	30
Tetrachloroethene	-7.0 -5.0	6.2	6.1	+++++	-0.3	-0.1	50 30	30	30		30	30
1,3-Dichloropropane	-7.1 1.7	-0.4	5.2	+++++	-0.9	1.6	50 30	30	30		30	30
2-Hexanone	-2.0 -3.4	2.6	4.5	+++++	0.8	-2.5	50 30	30	30		30	30
Dibromochloromethane	-18.4 15.2	-12.3	-1.6	+++++	5.3	11.8	50 30	30	30		30	30
1,2-Dibromoethane	-1.4 0.2	-1.7	3.7	+++++	-1.0	0.2	50 30	30	30		30	30
1-Chlorohexane	0.9 -5.3	5.0	5.6	+++++	-3.4	-2.8	50 30	30	30		30	30
Chlorobenzene	-3.6 -0.8	1.7	4.7	+++++	-2.1	0.1	50 30	30	30		30	30
1,1,1,2-Tetrachloroethane	-17.9 3.5	-3.8	5.1	+++++	5.7	7.4	50 30	30	30		30	30
Ethylbenzene	-4.7 -4.0	4.0	5.7	+++++	-0.8	-0.2	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-7.6 -3.5	5.1	7.2	+++++	-0.7	-0.5	50 30	30	30		30	30
n-Butyl acrylate	-12.4 -0.6	-3.5	5.7	+++++	5.8	5.0	50 30	30	30		30	30
o-Xylene	-6.9 -5.3	4.0	6.9	+++++	0.8	0.5	50 30	30	30		30	30
Styrene	-7.2 -1.3	2.4	6.5	+++++	-0.4	0.1	50 30	30	30		30	30
Bromoform	-23.3 20.8	-18.6	-2.9	+++++	8.2	15.8	50 30	30	30		30	30
Isopropylbenzene	-13.8 -4.1	5.1	7.9	+++++	2.6	2.3	50 30	30	30		30	30
Cyclohexanone	-6.4 2.6	0.9	1.8	+++++	2.2	-1.1	50 30	30	30		30	30
1,1,2,2-Tetrachloroethane	-5.8 0.9	-4.0	1.6	+++++	3.4	3.8	50 30	30	30		30	30
Bromobenzene	-5.8 3.2	-1.4	1.8	+++++	-0.4	2.5	50 30	30	30		30	30
trans-1,4-Dichloro-2-butene	-16.6 7.2	-8.0	3.3	+++++	6.0	8.2	50 30	30	30		30	30
1,2,3-Trichloropropane	-6.9 -0.3	-2.2	3.6	+++++	2.9	2.8	50 30	30	30		30	30
N-Propylbenzene	-14.8 -0.6	1.8	4.3	+++++	3.3	6.1	50 30	30	30		30	30
2-Chlorotoluene	-13.6 2.3	1.2	4.1	+++++	1.9	4.2	50 30	30	30		30	30
1,3,5-Trimethylbenzene	-19.0 6.6	-2.7	2.0	+++++	4.4	8.7	50 30	30	30		30	30
4-Chlorotoluene	-10.4 3.6	0.2	3.3	+++++	0.4	2.9	50 30	30	30		30	30
tert-Butylbenzene	-26.1 11.4	-3.4	-0.5	+++++	6.5	12.0	50 30	30	30		30	30
1,2,4-Trimethylbenzene	-16.8 4.3	-1.5	2.9	+++++	4.0	7.2	50 30	30	30		30	30
sec-Butylbenzene	-23.2 4.9	-1.5	1.7	+++++	7.0	11.2	50 30	30	30		30	30
1,3-Dichlorobenzene	-5.7 -0.5	1.2	3.2	+++++	0.1	1.6	50 30	30	30		30	30
p-Isopropyltoluene	-19.4 5.8	-3.1	1.2	+++++	6.1	9.5	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.: 410-229797-1 Analy Batch No.: 658909

SDG No.:

Instrument ID: 23090 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/17/2025 19:00 Calibration End Date: 06/17/2025 21:03 Calibration ID: 73831

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-6.4 0.4	1.1	3.3	+++++	-0.1	1.8	50 30	30	30		30	30
1,2,3-Trimethylbenzene	-14.5 4.3	-0.8	1.4	+++++	3.4	6.3	50 30	30	30		30	30
Benzyl chloride	+++++ 14.2	-24.7	-11.6	+++++	7.9	14.2	 30	50	30		30	30
1,3-Diethylbenzene	-18.3 4.5	-0.4	3.0	+++++	4.2	7.2	50 30	30	30		30	30
1,4-Diethylbenzene	-14.4 2.7	-0.3	2.0	+++++	4.4	5.6	50 30	30	30		30	30
n-Butylbenzene	-18.5 3.9	1.0	3.2	+++++	4.3	6.0	50 30	30	30		30	30
1,2-Dichlorobenzene	-7.5 -1.5	2.5	4.6	+++++	0.4	1.7	50 30	30	30		30	30
1,2-Diethylbenzene	-19.3 9.0	-4.1	0.0	+++++	5.3	9.1	50 30	30	30		30	30
1,2-Dibromo-3-Chloropropane	-23.6 7.4	-10.3	-0.2	+++++	13.3	13.4	50 30	30	30		30	30
1,3,5-Trichlorobenzene	-10.8 -0.6	0.7	2.4	+++++	3.9	4.4	50 30	30	30		30	30
1,2,4-Trichlorobenzene	-6.9 -3.1	0.0	1.4	+++++	4.0	4.6	50 30	30	30		30	30
2-Ethylhexyl acrylate	+++++ 12.0	-23.3	-12.5	+++++	12.3	11.5	 30	50	30		30	30
Hexachlorobutadiene	-20.5 7.6	-4.1	0.7	+++++	7.7	8.7	50 30	30	30		30	30
Naphthalene	-10.9 -6.0	0.0	2.5	+++++	8.6	5.8	50 30	30	30		30	30
1,2,3-Trichlorobenzene	-8.3 -4.6	0.0	2.3	+++++	5.7	4.9	50 30	30	30		30	30
2-Methylnaphthalene	-22.5 0.6	-4.5	-2.4	+++++	15.0	13.7	50 30	30	30		30	30
Dibromofluoromethane (Surr)	2.3 -4.4	2.0	1.3	+++++	-0.8	-0.4	50 30	30	30		30	30
1,2-Dichloroethane-d4 (Surr)	1.6 -1.0	-0.6	0.5	+++++	-0.9	0.5	50 30	30	30		30	30
Toluene-d8 (Surr)	-0.2 -3.6	2.0	0.6	+++++	0.5	0.8	50 30	30	30		30	30
4-Bromofluorobenzene (Surr)	2.8 -2.9	2.1	2.4	+++++	-1.1	-3.4	50 30	30	30		30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Lims ID: IC v1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 17-Jun-2025 19:00:17 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v1
Misc. Info.: 410-0150677-012, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:48:47 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: UKEK Date: 18-Jun-2025 18:18:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.886	1.892	-0.006	96	9108	1.00	0.8785	
6 Chloromethane	50	2.099	2.099	0.000	97	10270	1.00	0.9659	
8 Butadiene	39	2.197	2.197	0.000	90	15112	1.00	1.31	
7 Vinyl chloride	62	2.221	2.215	0.006	95	10200	1.00	0.9511	
10 Bromomethane	94	2.557	2.562	-0.005	86	6771	1.00	0.8942	
11 Chloroethane	64	2.618	2.617	0.001	90	5754	1.00	0.9357	
12 Dichlorofluoromethane	67	2.904	2.898	0.006	95	16158	1.00	0.9715	
14 Pentane	43	2.953	2.934	0.019	93	10619	1.00	1.00	
13 Trichlorofluoromethane	101	2.959	2.953	0.006	94	11226	1.00	0.9059	
16 Ethanol	45	3.148	3.166	-0.018	33	4276	62.5	50.9	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.276	3.276	0.000	41	7763	1.00	0.9579	
18 Acrolein	56	3.349	3.331	0.018	99	23559	9.76	10.0	
19 1,1-Dichloroethene	96	3.471	3.483	-0.012	94	5850	1.00	0.9377	
21 Acetone	58	3.532	3.520	0.012	79	1718	2.00	1.51	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.508	3.526	-0.018	87	6032	1.00	0.8385	
23 Iodomethane	142	3.697	3.690	0.007	95	11746	1.00	0.9669	
24 Isopropyl alcohol	45	3.739	3.770	-0.031	34	4443	5.00	3.98	
25 Carbon disulfide	76	3.788	3.818	-0.030	95	14843	1.00	0.7974	
26 Methyl acetate	43	3.940	3.922	0.018	95	8597	1.00	1.12	
27 3-Chloro-1-propene	41	3.953	3.940	0.013	93	8961	1.00	1.04	Ma
28 Methylene Chloride	84	4.160	4.154	0.006	72	6831	1.00	0.9631	M
* 29 t-Butyl alcohol-d10 (IS)	65	4.245	4.227	0.018	97	387365	250.0	250.0	
30 2-Methyl-2-propanol	59	4.379	4.367	0.012	28	8455	5.00	5.00	M
32 Acrylonitrile	53	4.495	4.495	0.000	91	9806	2.50	2.42	
34 trans-1,2-Dichloroethene	96	4.556	4.544	0.012	97	5545	1.00	0.9076	
33 Methyl tert-butyl ether	73	4.538	4.568	-0.030	82	20002	1.00	1.01	M
36 Hexane	57	4.995	4.989	0.006	90	7598	1.00	0.8956	M
37 1,1-Dichloroethane	63	5.239	5.239	0.000	92	10300	1.00	0.9637	M
38 Isopropyl ether	45	5.312	5.300	0.012	94	17174	1.00	0.9780	
39 2-Chloro-1,3-butadiene	53	5.361	5.342	0.019	90	8192	1.00	0.8819	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.836	5.842	-0.006	93	17496	1.00	0.9535	
43 2-Butanone (MEK)	43	6.099	6.086	0.013	53	11948	2.00	2.17	a
44 cis-1,2-Dichloroethene	96	6.086	6.092	-0.006	84	6975	1.00	0.9585	
45 2,2-Dichloropropane	77	6.105	6.104	0.001	72	8471	1.00	0.8757	
S 42 1,2-Dichloroethene, Total	100				0			1.87	
46 Propionitrile	54	6.190	6.184	0.006	33	8601	5.00	4.85	
183 Methyl acrylate	55	6.202	6.196	0.006	22	9362	1.00	0.9705	
47 Methacrylonitrile	67	6.397	6.385	0.012	92	9782	2.50	2.47	Ma
48 Chlorobromomethane	128	6.416	6.428	-0.012	84	3476	1.00	0.9800	
49 Tetrahydrofuran	71	6.440	6.440	0.000	79	9055	5.00	5.38	
50 Chloroform	83	6.586	6.580	0.006	91	10464	1.00	0.9627	
$ 51 Dibromofluoromethane (Surr)	113	6.800	6.799	0.001	93	269958	50.0	51.1	
52 1,1,1-Trichloroethane	97	6.812	6.806	0.006	36	9138	1.00	0.9244	
53 Cyclohexane	56	6.903	6.903	0.000	83	10264	1.00	0.8666	
56 Carbon tetrachloride	117	7.007	7.013	-0.006	78	6251	1.00	0.8008	
55 1,1-Dichloropropene	75	7.013	7.019	-0.006	94	8072	1.00	0.8960	
57 Isobutyl alcohol	41	7.232	7.226	0.006	31	6888	12.5	13.3	Ma
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	64	70704	50.0	50.8	
60 Benzene	78	7.287	7.287	0.000	93	26230	1.00	0.9722	
61 1,2-Dichloroethane	62	7.367	7.372	-0.005	94	7927	1.00	0.99	
62 Tert-amyl methyl ether	73	7.482	7.476	0.006	98	17755	1.00	0.9844	M
* 63 Fluorobenzene (IS)	96	7.702	7.696	0.006	99	1094969	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	36	6726	1.00	0.8894	
66 n-Butanol	56	8.080	8.104	-0.024	38	3598	12.5	9.83	
67 Trichloroethene	95	8.183	8.177	0.006	93	6231	1.00	0.9350	Ma
178 Ethyl acrylate	55	8.293	8.299	-0.006	95	8172	1.00	0.8939	
68 Methylcyclohexane	83	8.482	8.482	0.000	86	10887	1.00	0.8476	
70 2-ethoxy-2-methyl butane	87	8.513	8.519	-0.006	91	8287	1.00	0.9034	
69 1,2-Dichloropropane	63	8.519	8.519	0.000	73	5419	1.00	0.8837	
71 Methyl methacrylate	69	8.610	8.604	0.006	89	4832	1.00	0.8955	
72 1,4-Dioxane	88	8.610	8.622	-0.012	1	214	12.5	2.25	M
73 Dibromomethane	93	8.629	8.628	0.001	97	3637	1.00	0.9055	
75 Dichlorobromomethane	83	8.872	8.866	0.006	92	5958	1.00	0.8397	
76 2-Nitropropane	41	9.147	9.153	-0.006	94	8429	5.00	4.03	
78 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	86	3423	1.00	0.8455	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	94	7191	1.00	0.8275	
80 4-Methyl-2-pentanone (MIBK)	43	9.604	9.604	0.000	94	18843	2.00	1.89	
$ 81 Toluene-d8 (Surr)	98	9.726	9.732	-0.006	93	995498	50.0	49.9	
82 Toluene	92	9.805	9.805	0.000	97	14464	1.00	0.9318	
S 104 1,3-Dichloropropene, Total	100				0			1.65	
105 trans-1,3-Dichloropropene	75	10.067	10.073	-0.006	90	6071	1.00	0.8246	
106 Ethyl methacrylate	69	10.134	10.134	0.000	86	8220	1.00	0.9258	
107 1,1,2-Trichloroethane	97	10.281	10.280	0.001	87	5064	1.00	0.9863	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	6052	1.00	0.9304	
109 1,3-Dichloropropane	76	10.439	10.445	-0.006	88	7971	1.00	0.9293	
110 2-Hexanone	43	10.500	10.500	0.000	93	12865	2.00	1.96	
111 Chlorodibromomethane	129	10.659	10.658	0.001	84	4015	1.00	0.8161	
112 Ethylene Dibromide	107	10.768	10.774	-0.006	97	5335	1.00	0.9860	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	725244	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	82	8649	1.00	1.01	
116 Chlorobenzene	112	11.238	11.238	0.000	96	16145	1.00	0.9635	
S 113 Xylenes, Total	106				0			2.78	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	42	4735	1.00	0.8215	
118 Ethylbenzene	91	11.323	11.323	0.000	98	29532	1.00	0.9525	
119 m-Xylene & p-Xylene	106	11.439	11.445	-0.006	100	22637	2.00	1.85	
272 n-Butyl acrylate	55	11.725	11.725	0.000	96	10199	1.00	0.8754	
120 o-Xylene	106	11.774	11.780	-0.006	96	11676	1.00	0.9309	
121 Styrene	104	11.793	11.792	0.001	94	17375	1.00	0.9283	
122 Bromoform	173	11.951	11.957	-0.006	93	2522	1.00	0.7670	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	25685	1.00	0.8621	
124 Cyclohexanone	55	12.171	12.170	0.001	89	16385	50.0	46.8	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	89	368792	50.0	51.4	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	94	9600	1.00	0.9423	
127 Bromobenzene	156	12.347	12.353	-0.006	97	6834	1.00	0.9423	
128 trans-1,4-Dichloro-2-butene	53	12.366	12.365	0.001	79	5325	2.50	2.09	a
129 1,2,3-Trichloropropane	110	12.384	12.390	-0.006	82	3037	1.00	0.9315	
130 N-Propylbenzene	91	12.420	12.420	0.000	99	33837	1.00	0.8517	
131 2-Chlorotoluene	126	12.500	12.500	0.000	97	6873	1.00	0.8640	
132 1,3,5-Trimethylbenzene	105	12.561	12.560	0.001	94	23553	1.00	0.8102	
133 4-Chlorotoluene	126	12.591	12.597	-0.006	96	6734	1.00	0.8963	
134 tert-Butylbenzene	134	12.811	12.810	0.001	93	4244	1.00	0.7394	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	96	24439	1.00	0.8315	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	28142	1.00	0.7675	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	98	13477	1.00	0.9431	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	26018	1.00	0.8058	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.134	0.000	95	419348	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.152	13.158	-0.006	94	13203	1.00	0.9357	
142 1,2,3-Trimethylbenzene	105	13.164	13.170	-0.006	97	25769	1.00	0.8549	
143 Benzyl chloride	91	13.231	13.237	-0.006	97	11883	1.00	0.6477	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	14721	1.00	0.8167	
145 p-Diethylbenzene	119	13.372	13.371	0.001	94	16540	1.00	0.8563	
146 n-Butylbenzene	92	13.390	13.390	0.000	97	12659	1.00	0.8153	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	96	13347	1.00	0.9245	
148 o-diethylbenzene	119	13.445	13.444	0.001	93	12059	1.00	0.8068	
150 1,2-Dibromo-3-Chloropropane	75	13.981	13.981	0.000	76	2113	1.00	0.7642	
151 1,3,5-Trichlorobenzene	180	14.109	14.115	-0.006	96	9198	1.00	0.8917	
152 1,2,4-Trichlorobenzene	180	14.548	14.554	-0.006	93	9146	1.00	0.9306	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	81	5941	1.00	0.6277	
153 Hexachlorobutadiene	225	14.640	14.639	0.001	92	2754	1.00	0.7951	
154 Naphthalene	128	14.743	14.743	0.000	97	35074	1.00	0.8913	
155 1,2,3-Trichlorobenzene	180	14.883	14.889	-0.006	95	8973	1.00	0.9174	
156 2-Methylnaphthalene	142	15.524	15.523	0.001	92	14726	1.00	0.7748	
S 165 Total Diethylbenzene	1				0			2.48	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_4ppbEtOH_00774	Amount Added: 12.50	Units: mL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

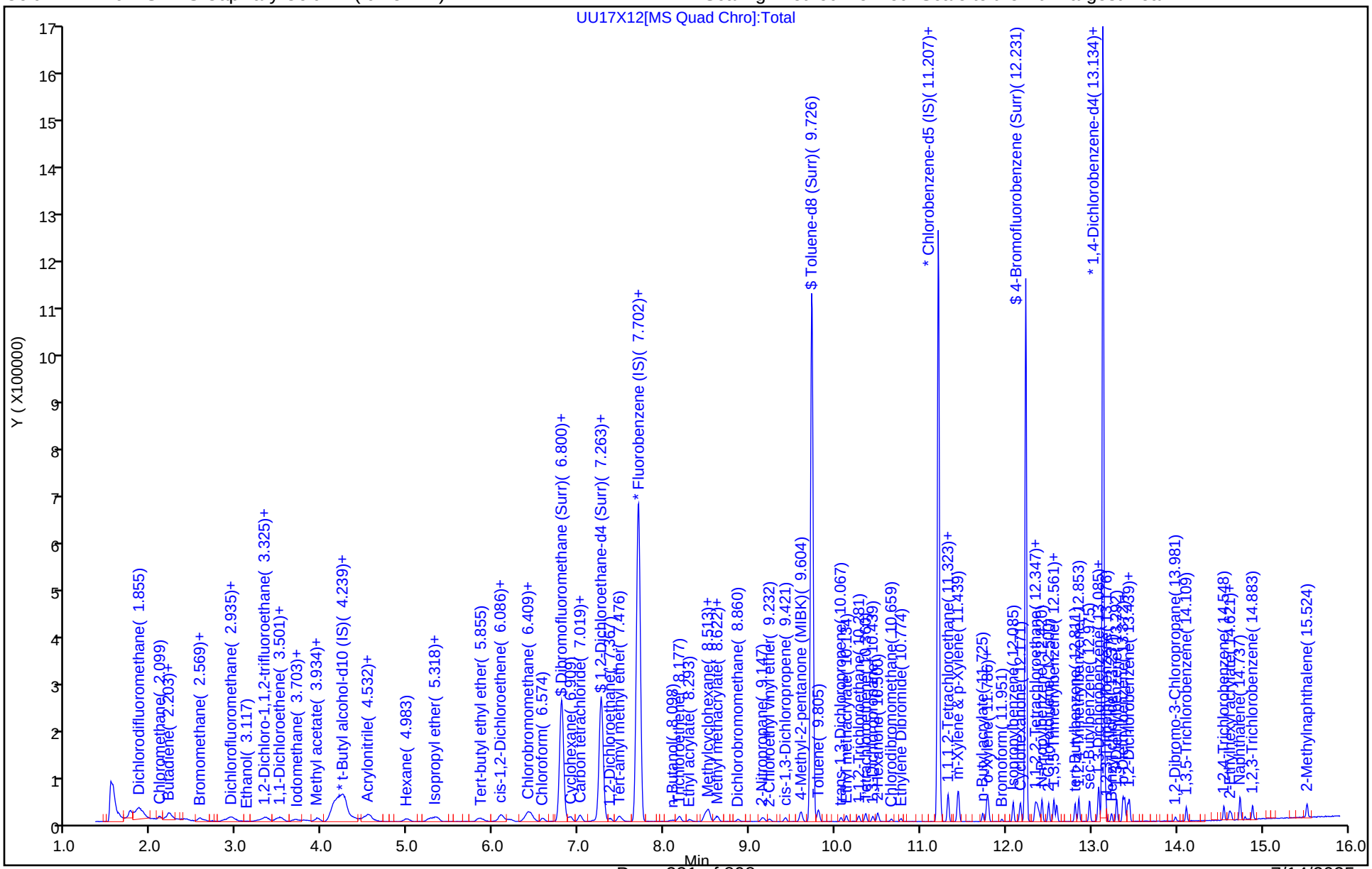
Report Date: 18-Jun-2025 19:48:48 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D

Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC v1			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

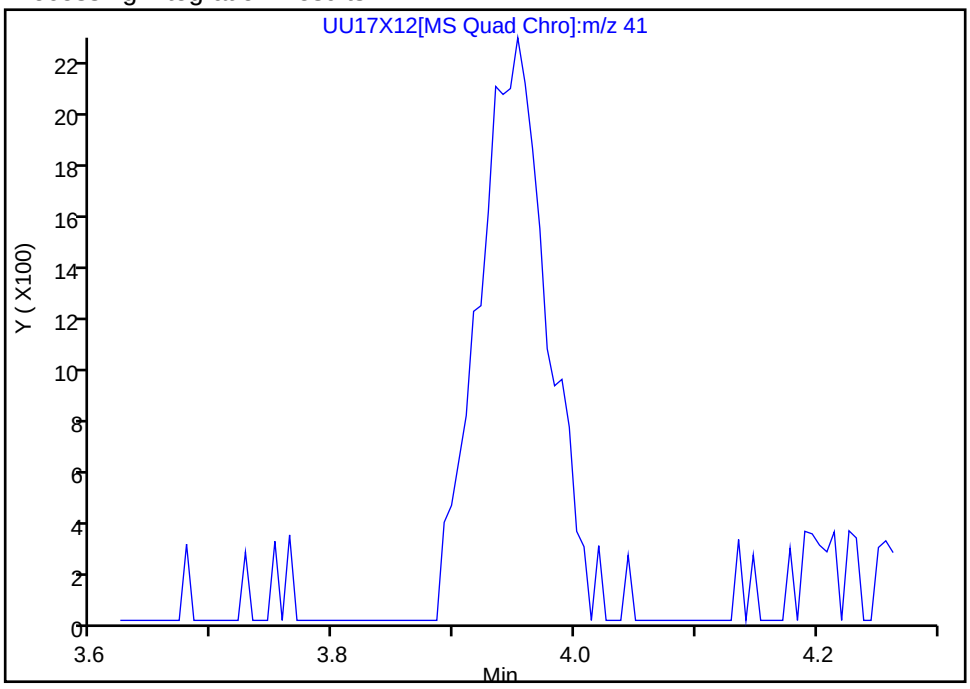
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Injection Date: 17-Jun-2025 19:00:17 Instrument ID: 23090
Lims ID: IC v1
Client ID:
Operator ID: jml01693 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

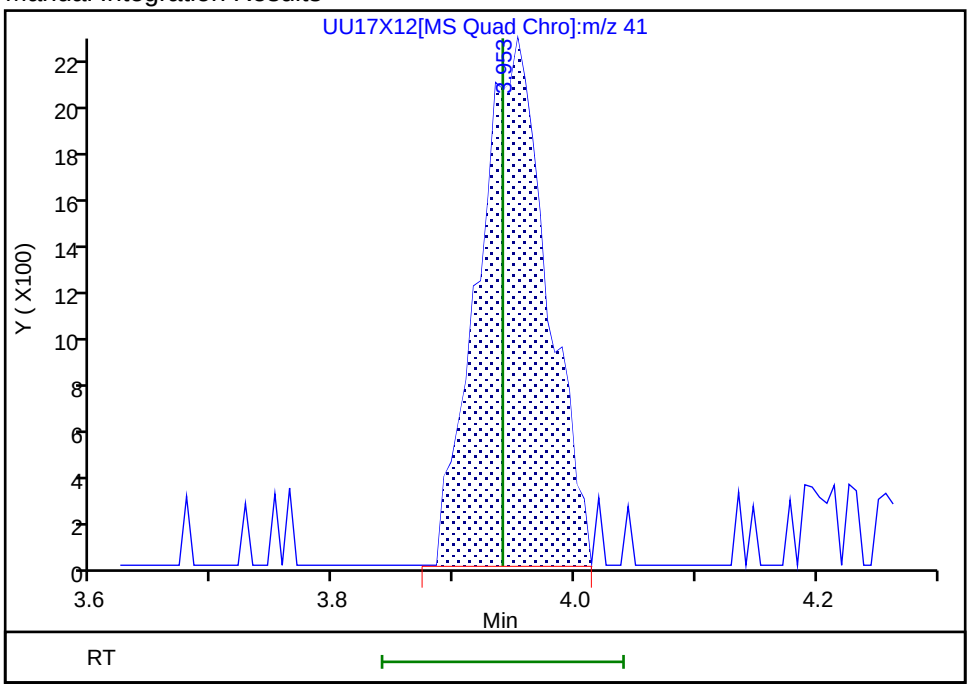
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.95
Area: 8961
Amount: 1.040925
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:19:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

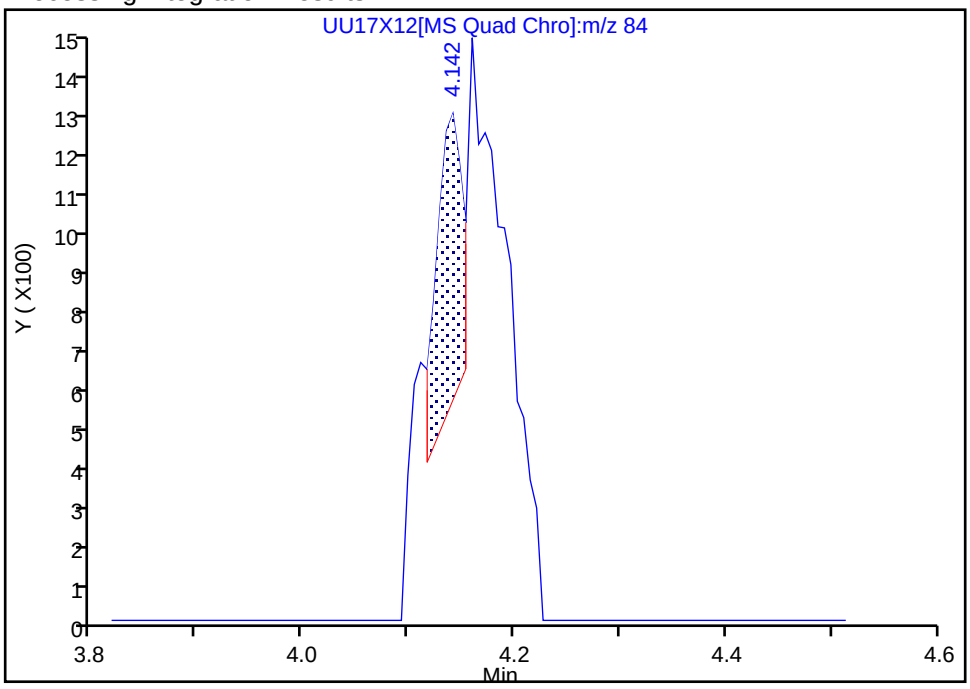
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Injection Date: 17-Jun-2025 19:00:17 Instrument ID: 23090
Lims ID: IC v1
Client ID:
Operator ID: jml01693 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

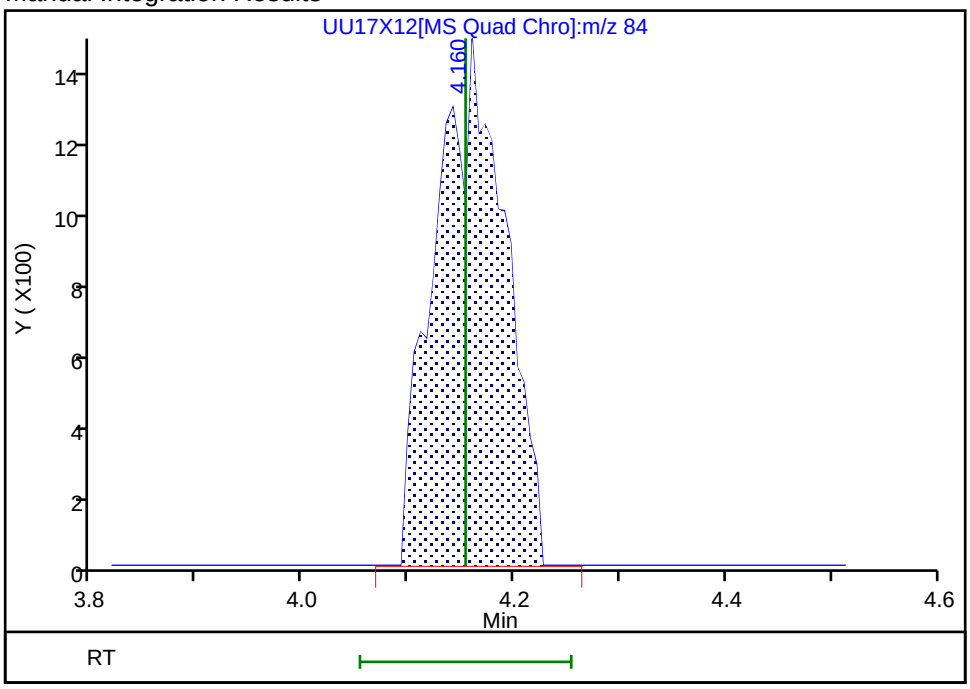
Processing Integration Results

RT: 4.14
Area: 1310
Amount: 0.613664
Amount Units: ug/l



Manual Integration Results

RT: 4.16
Area: 6831
Amount: 0.963052
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 17:55:54 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

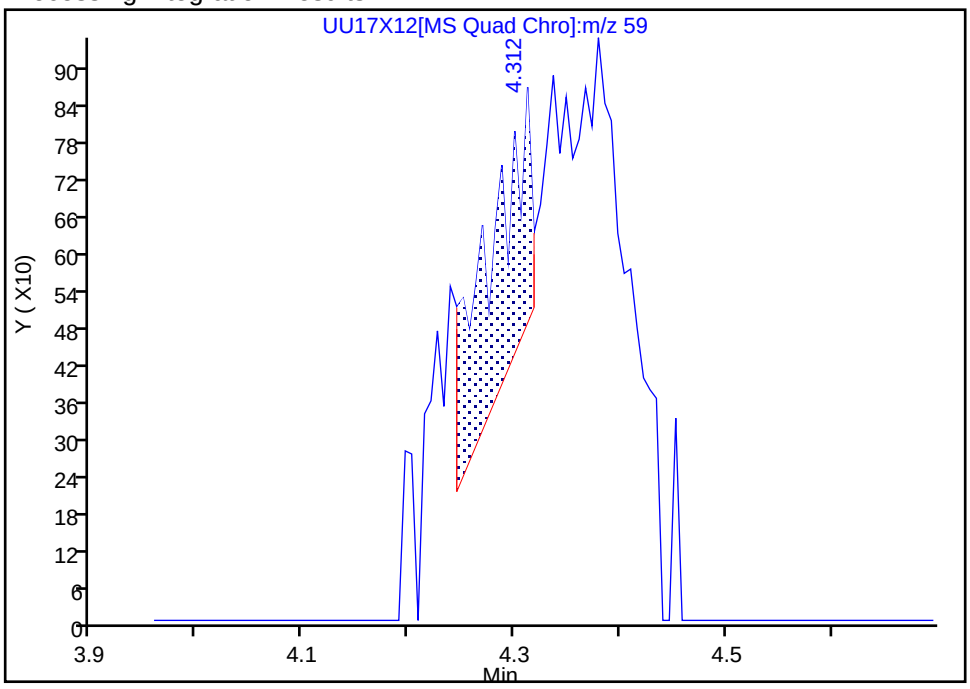
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

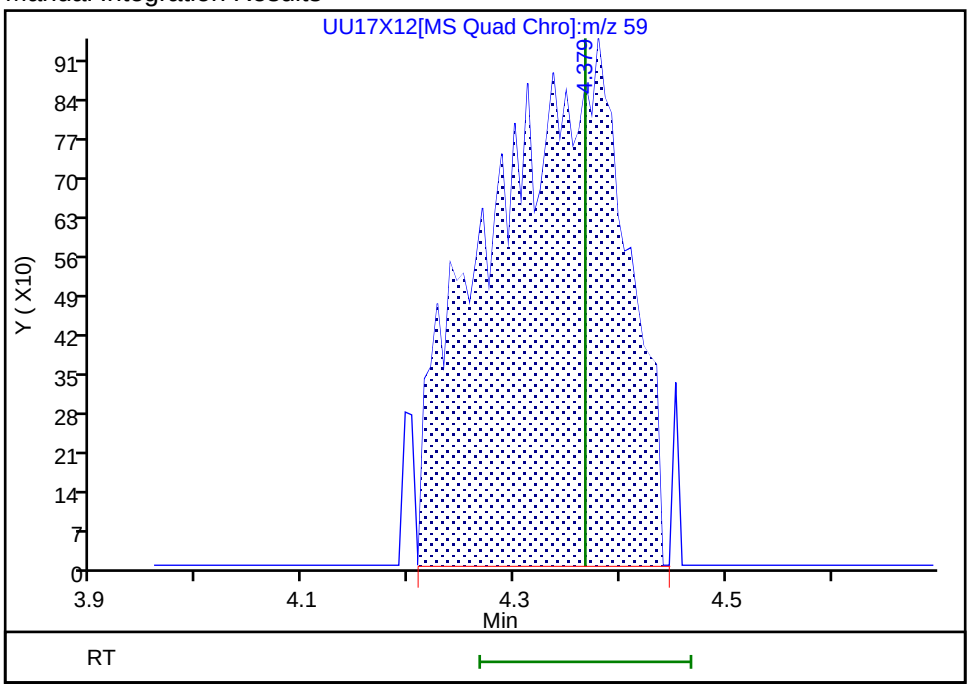
Processing Integration Results

RT: 4.31
Area: 1233
Amount: 0.674007
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 8455
Amount: 5.004004
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:03:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

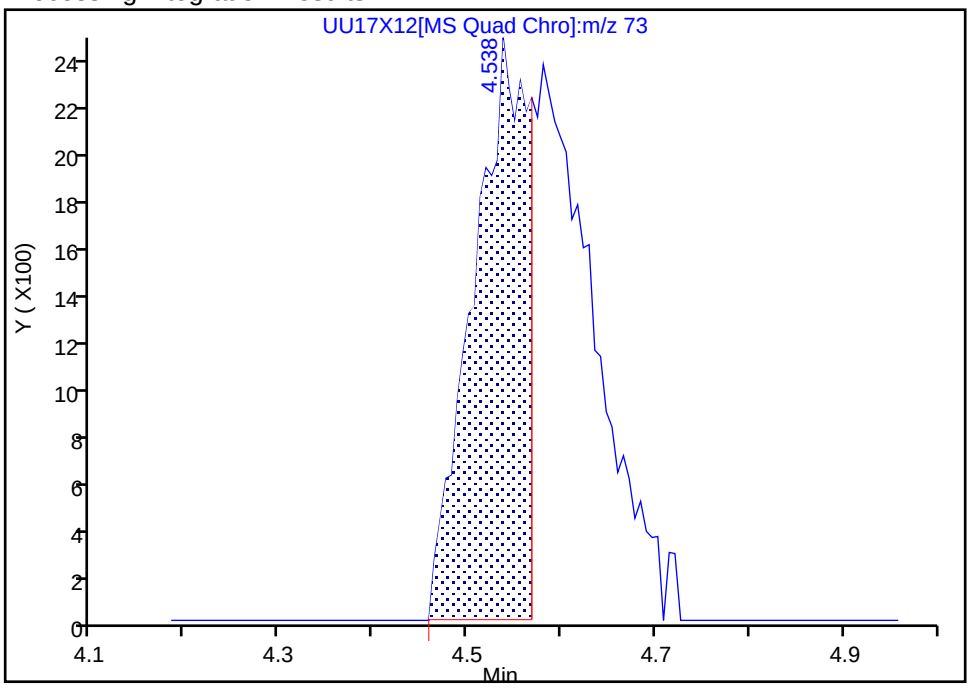
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

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

Signal: 1

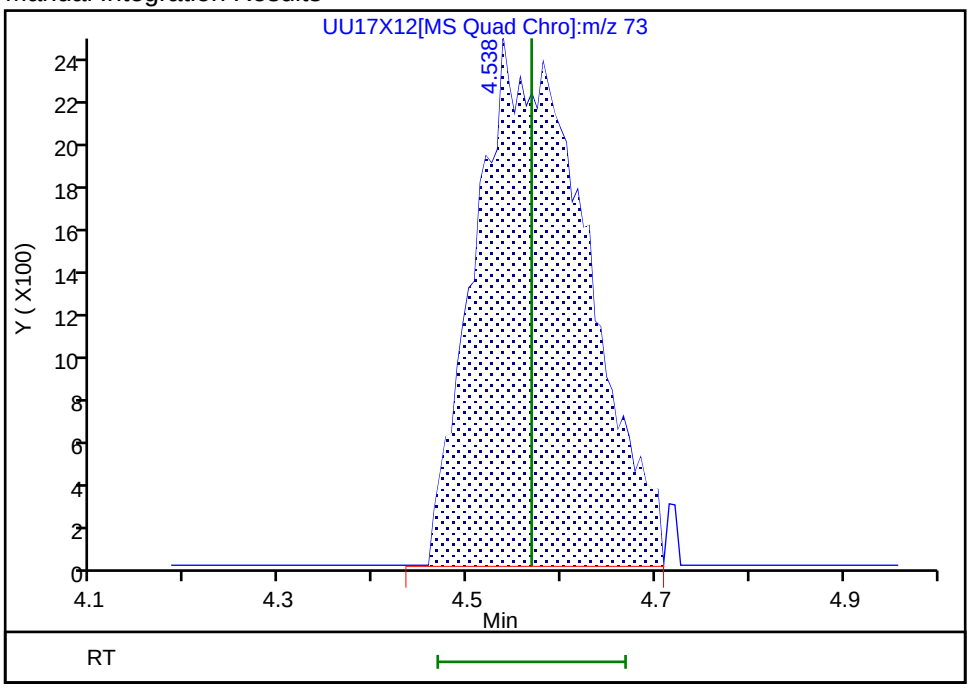
Processing Integration Results

RT: 4.54
Area: 10043
Amount: 0.961655
Amount Units: ug/l



Manual Integration Results

RT: 4.54
Area: 20002
Amount: 1.006720
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:04:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

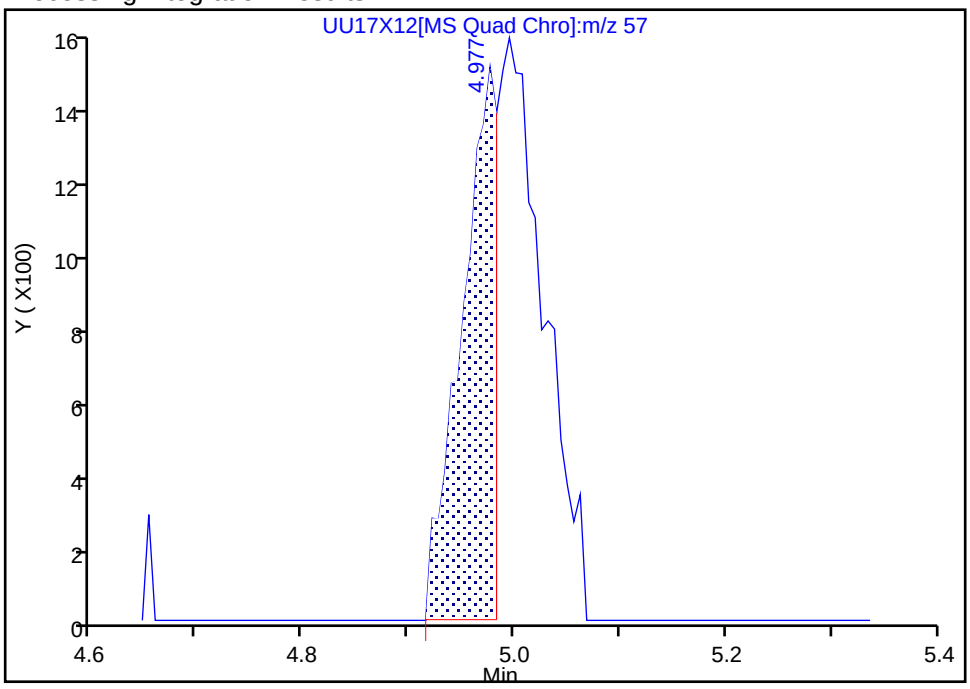
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Injection Date: 17-Jun-2025 19:00:17 Instrument ID: 23090
Lims ID: IC v1
Client ID:
Operator ID: jml01693 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Signal: 1

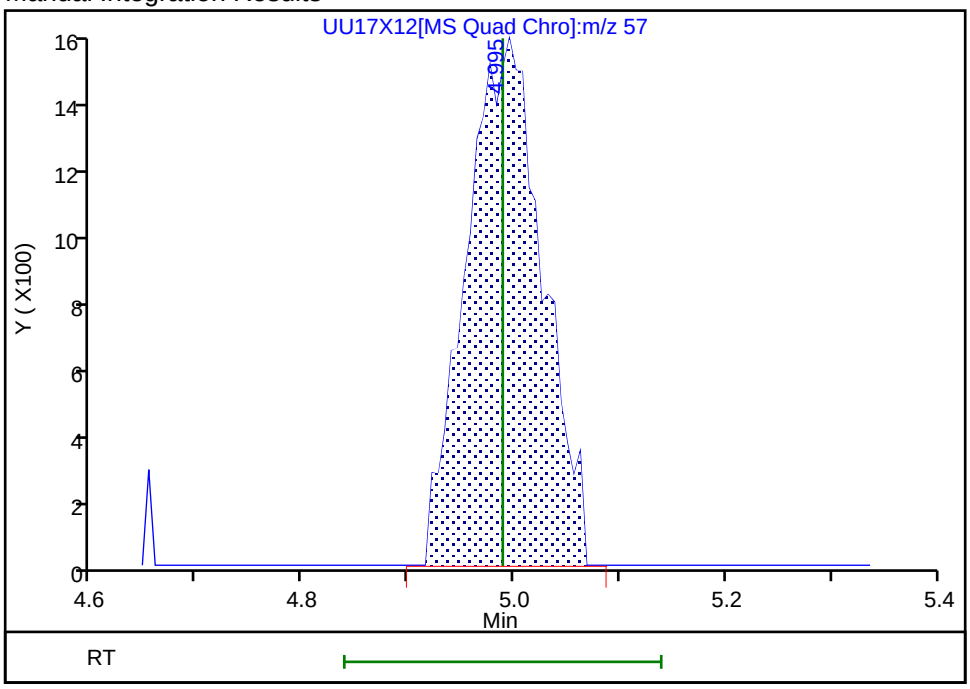
Processing Integration Results

RT: 4.98
Area: 3362
Amount: 0.388171
Amount Units: ug/l



Manual Integration Results

RT: 5.00
Area: 7598
Amount: 0.895574
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:06:03 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

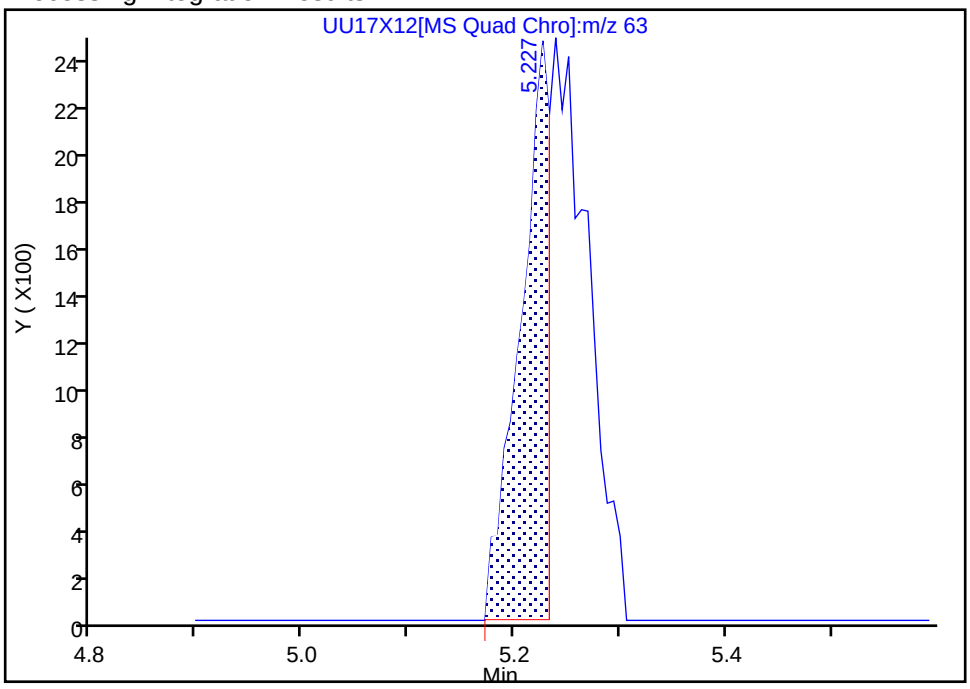
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

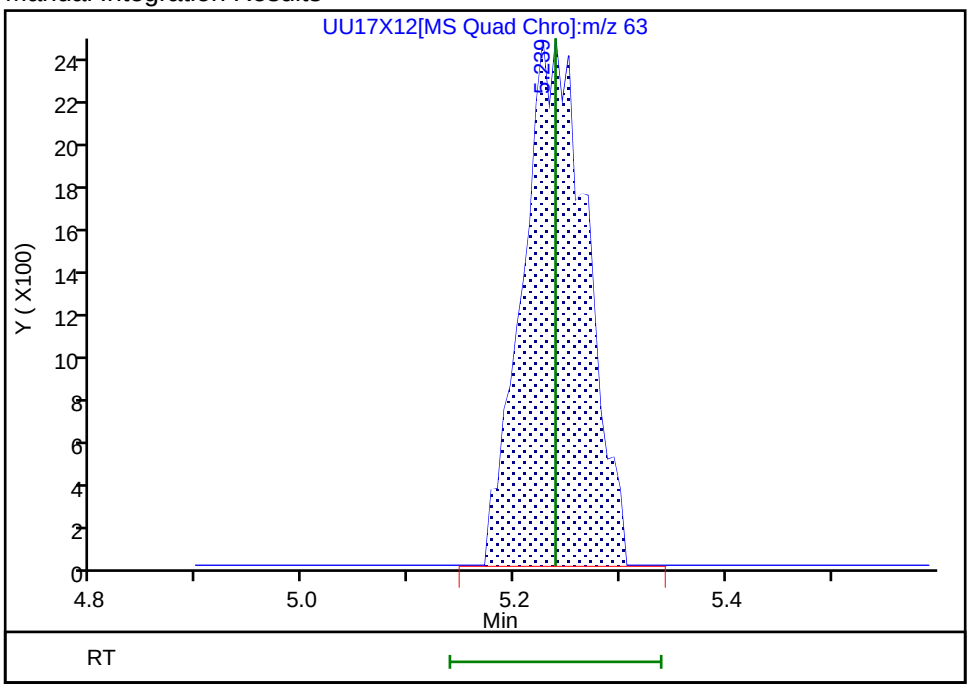
Processing Integration Results

RT: 5.23
Area: 4722
Amount: 0.634399
Amount Units: ug/l



Manual Integration Results

RT: 5.24
Area: 10300
Amount: 0.963714
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:06:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

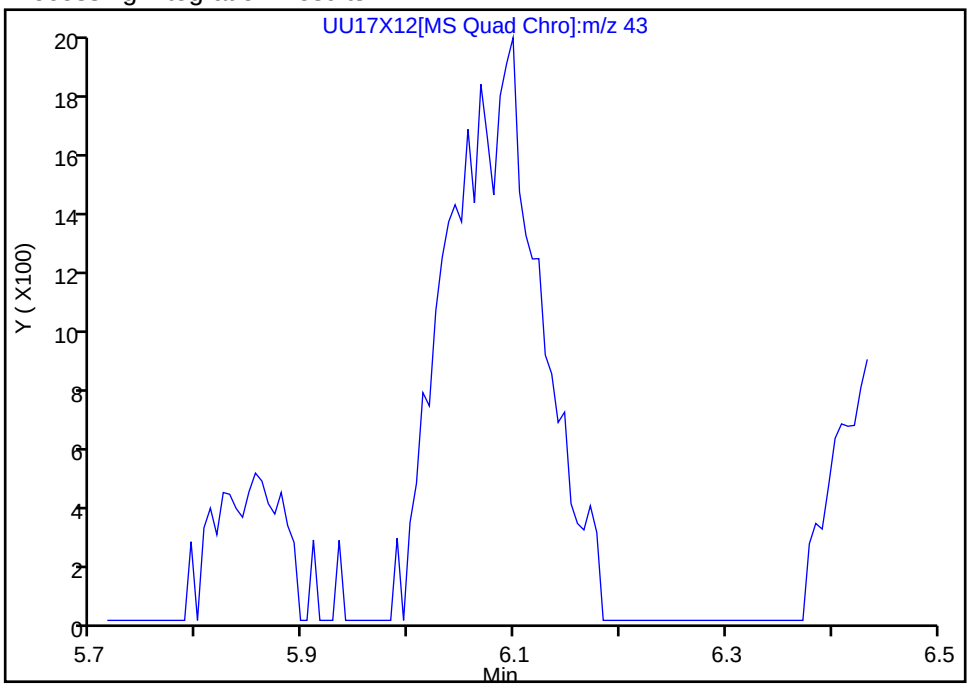
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

43 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

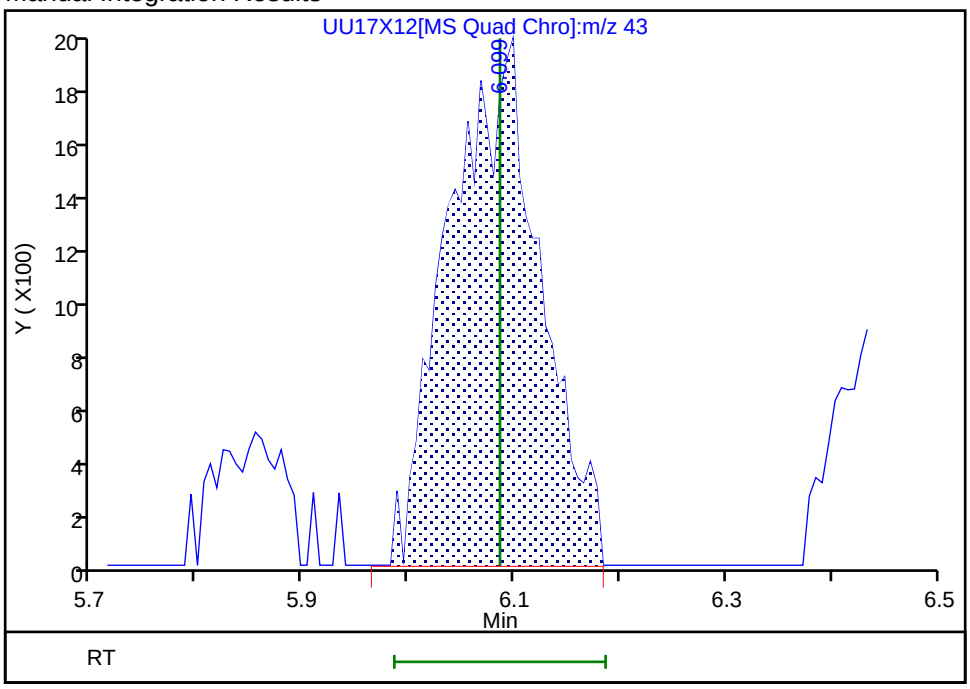
Not Detected
Expected RT: 6.09

Processing Integration Results



Manual Integration Results

RT: 6.10
Area: 11948
Amount: 2.172934
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:19:56 -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

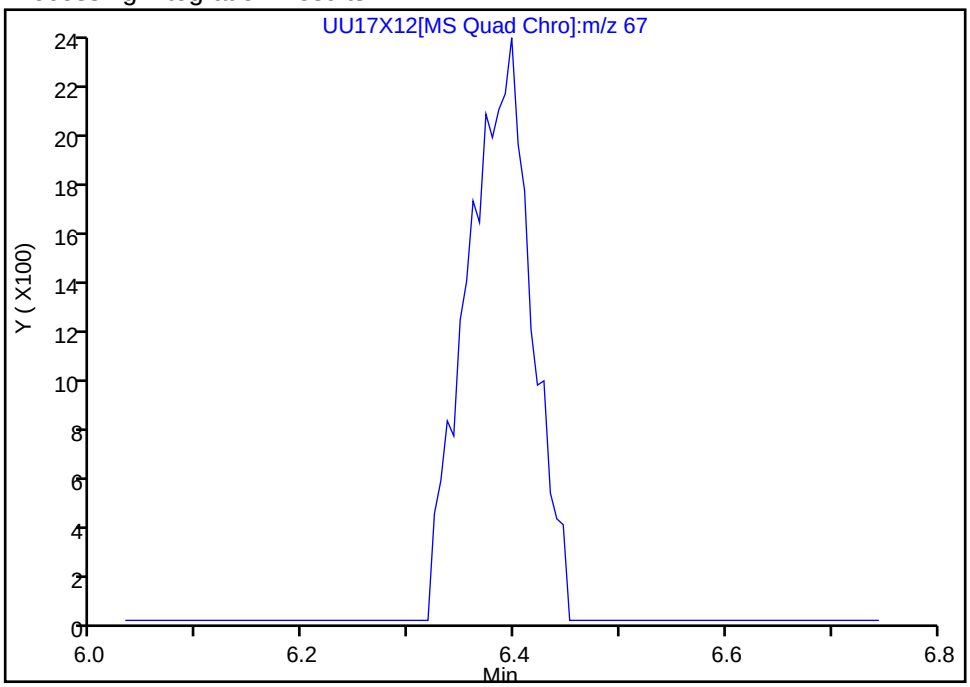
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Injection Date: 17-Jun-2025 19:00:17 Instrument ID: 23090
Lims ID: IC v1
Client ID:
Operator ID: jml01693 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

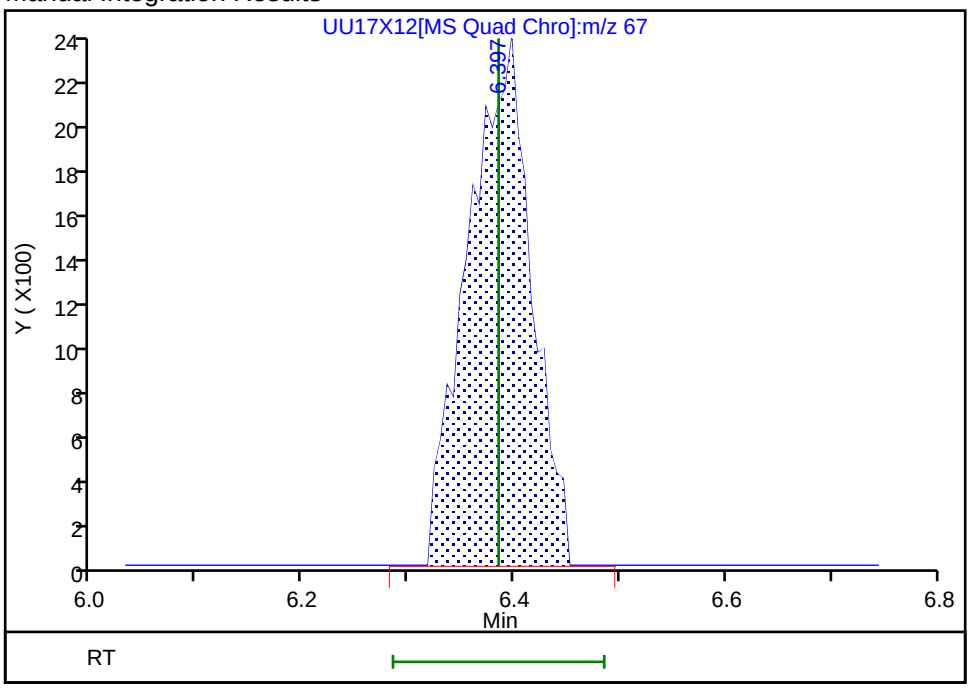
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.40
Area: 9782
Amount: 2.472960
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:20:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

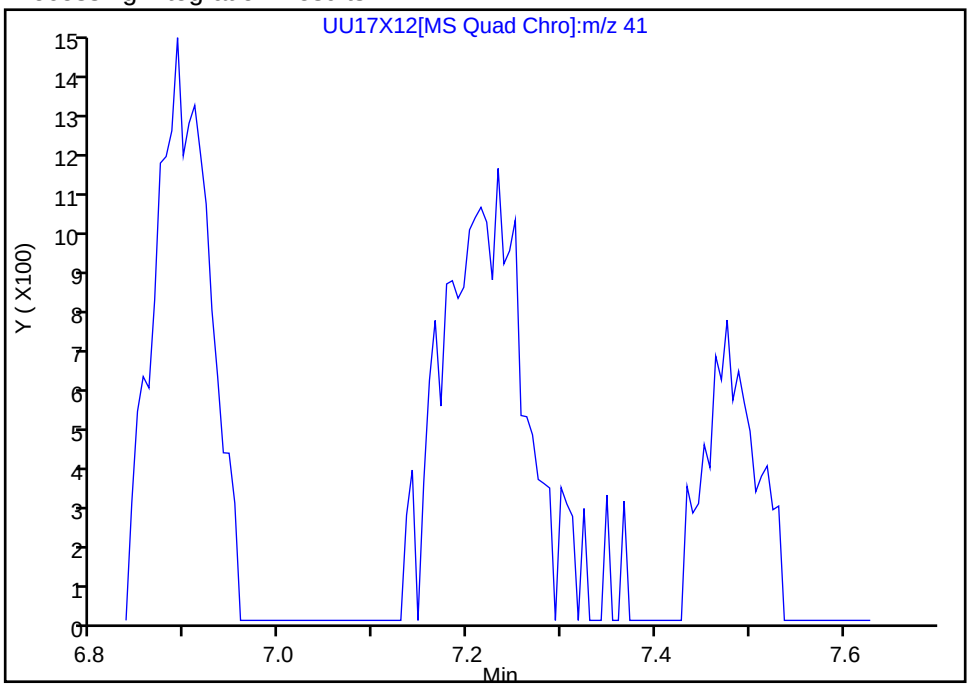
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

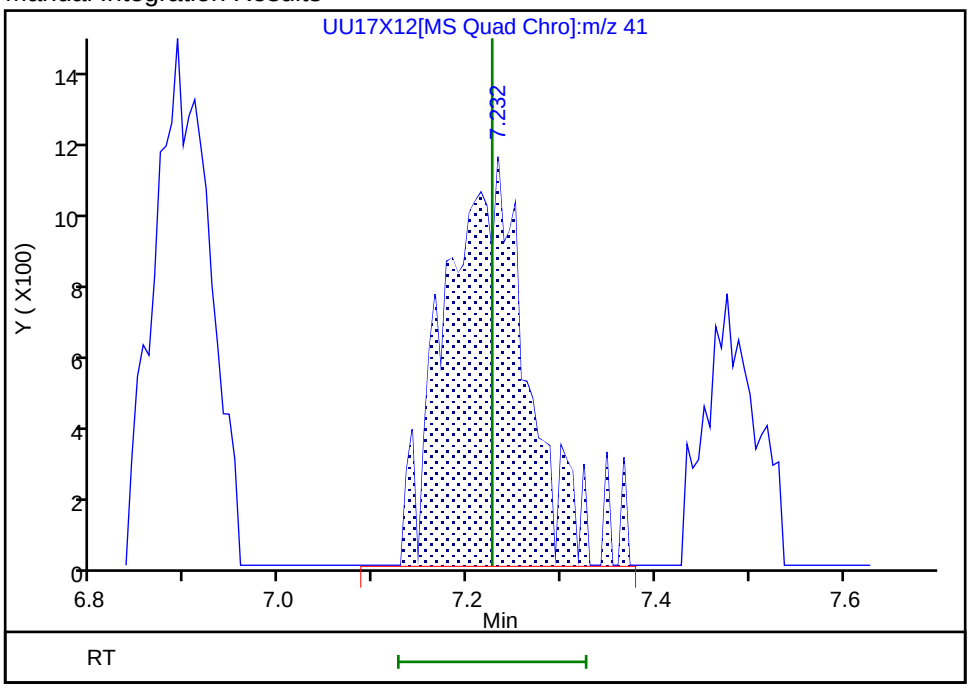
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 6888
Amount: 13.303327
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:20:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

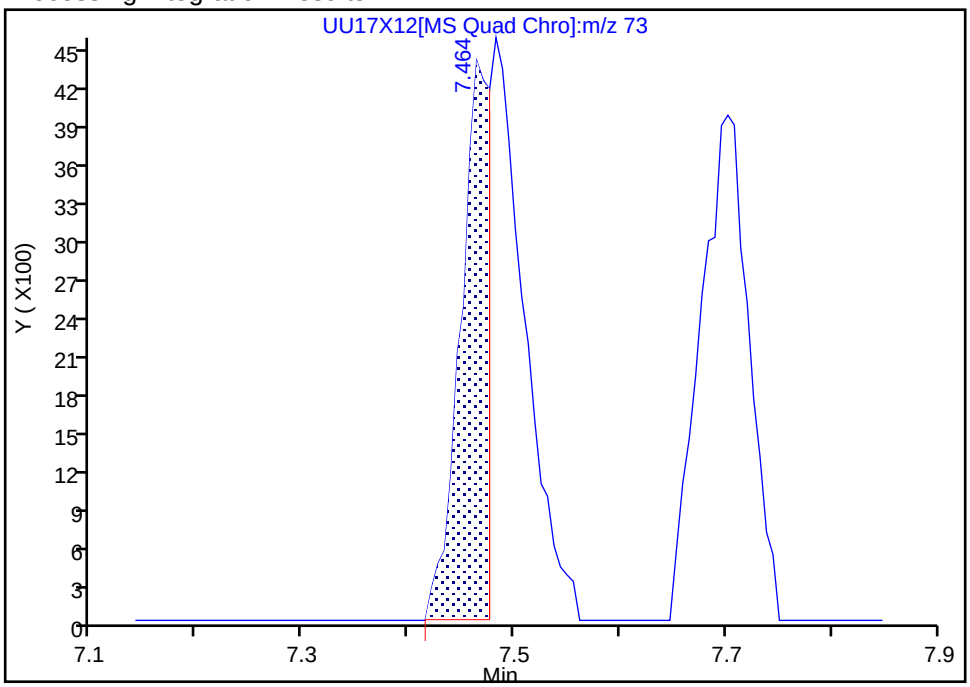
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

62 Tert-amyl methyl ether, CAS: 994-05-8

Signal: 1

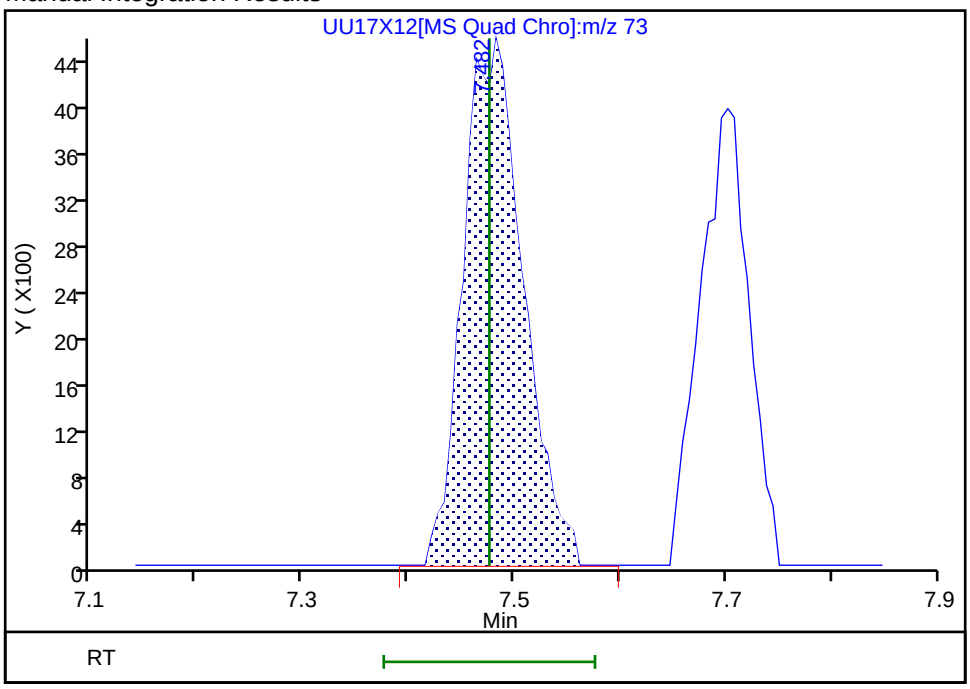
Processing Integration Results

RT: 7.46
Area: 8472
Amount: 0.468283
Amount Units: ug/l



Manual Integration Results

RT: 7.48
Area: 17755
Amount: 0.984446
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:07:30 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

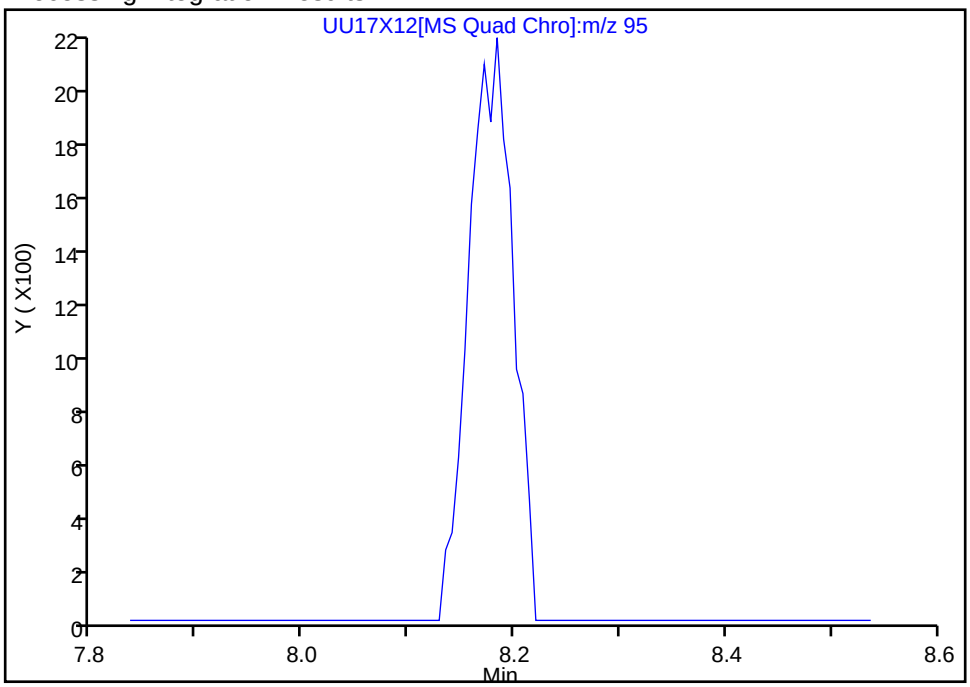
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Injection Date: 17-Jun-2025 19:00:17 Instrument ID: 23090
Lims ID: IC v1
Client ID:
Operator ID: jml01693 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

67 Trichloroethene, CAS: 79-01-6

Signal: 1

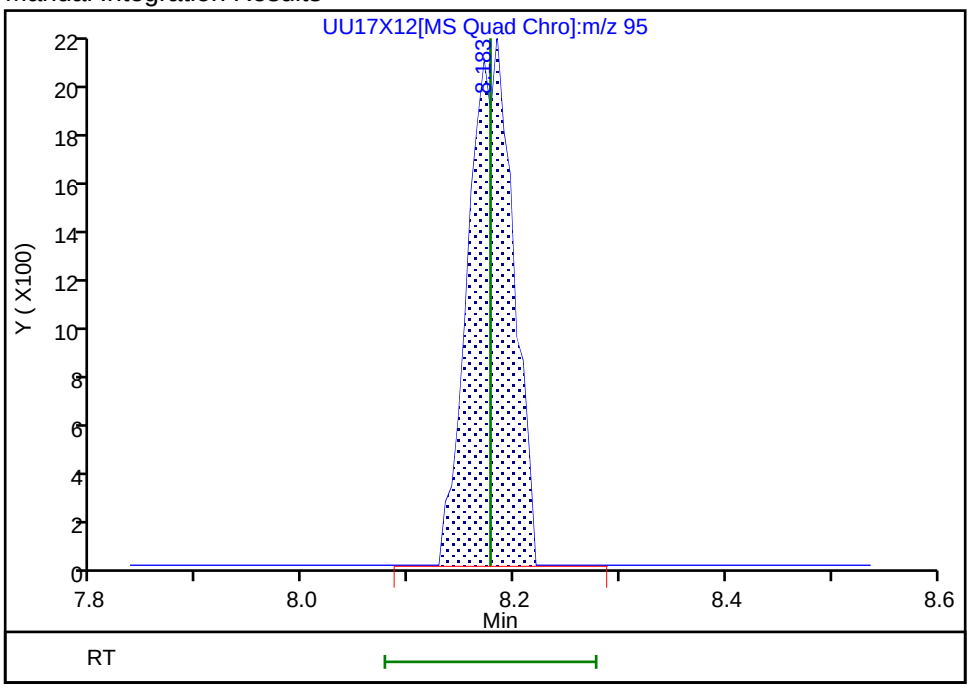
Not Detected
Expected RT: 8.18

Processing Integration Results



Manual Integration Results

RT: 8.18
Area: 6231
Amount: 0.934972
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:20:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

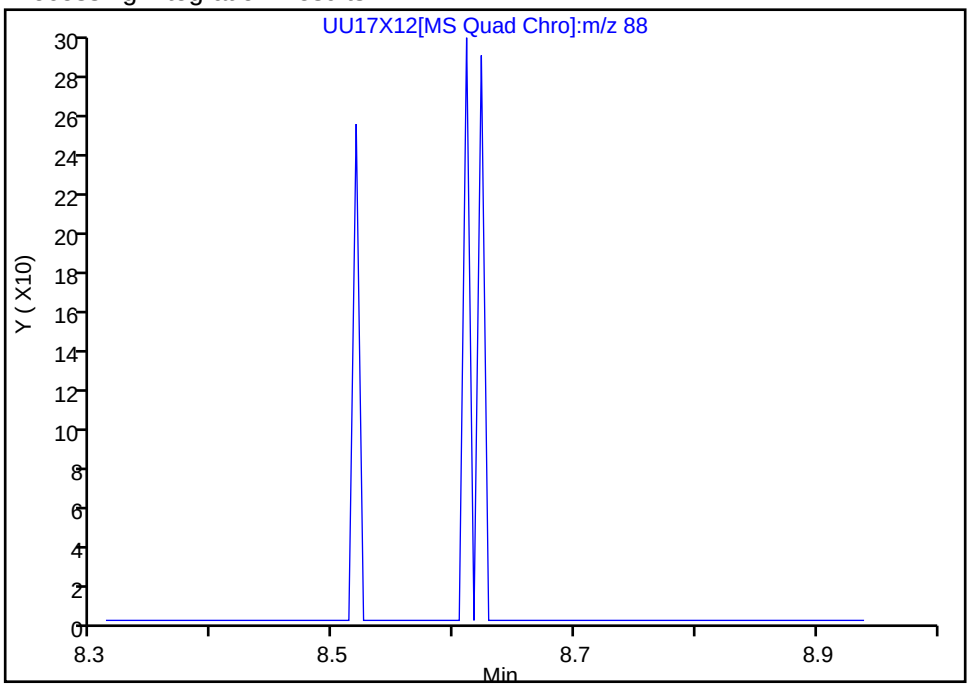
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D
Injection Date: 17-Jun-2025 19:00:17 Instrument ID: 23090
Lims ID: IC v1
Client ID:
Operator ID: jml01693 ALS Bottle#: 12 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

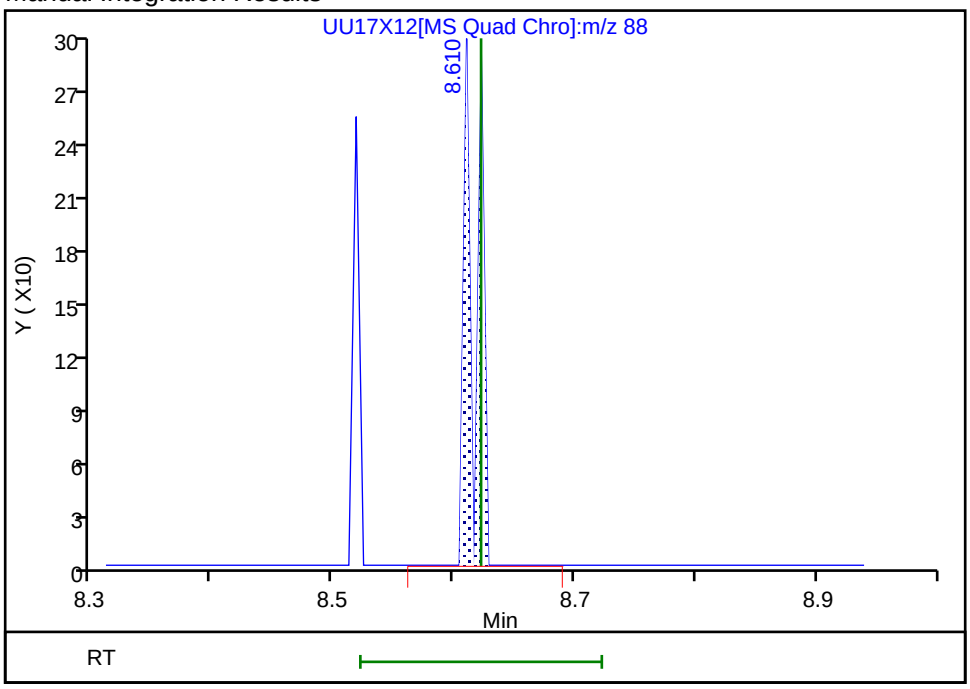
Not Detected
Expected RT: 8.62

Processing Integration Results



Manual Integration Results

RT: 8.61
Area: 214
Amount: 2.254754
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:20:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

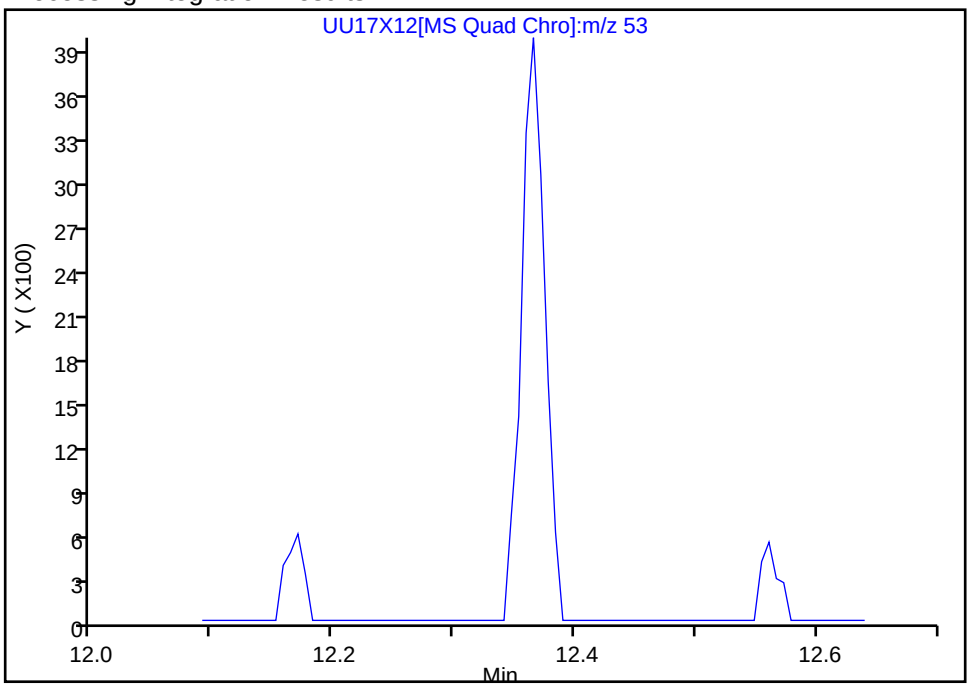
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X12.D				
Injection Date:	17-Jun-2025 19:00:17	Instrument ID:	23090		
Lims ID:	IC v1				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	12	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

128 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

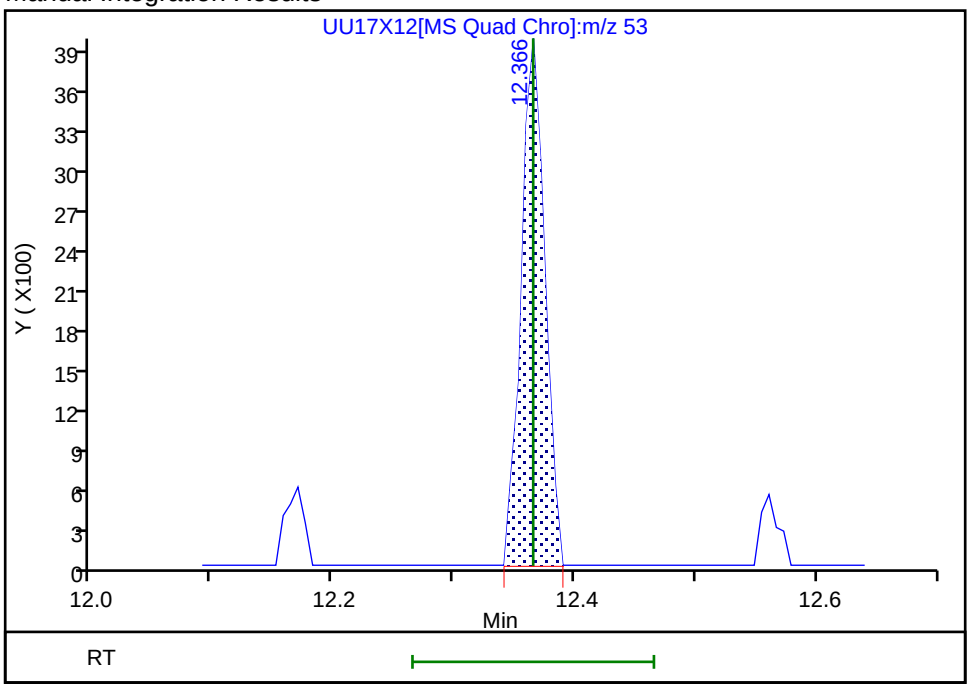
Not Detected
Expected RT: 12.37

Processing Integration Results



Manual Integration Results

RT: 12.37
Area: 5325
Amount: 2.085077
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:20:43 -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\23090\20250617-150677.b\UU17X13.D
Lims ID: IC v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 17-Jun-2025 19:20:41 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v4
Misc. Info.: 410-0150677-013, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:49:02 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 09:22:52

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.892	1.892	0.000	98	44306	4.00	4.31	
6 Chloromethane	50	2.099	2.099	0.000	99	47046	4.00	4.46	
8 Butadiene	39	2.197	2.197	0.000	90	49233	4.00	4.32	
7 Vinyl chloride	62	2.209	2.215	-0.006	98	48672	4.00	4.58	
10 Bromomethane	94	2.569	2.562	0.007	91	33475	4.00	4.46	
11 Chloroethane	64	2.617	2.617	0.000	99	27481	4.00	4.51	
12 Dichlorofluoromethane	67	2.892	2.898	-0.006	97	73488	4.00	4.46	
14 Pentane	43	2.947	2.934	0.012	95	45170	4.00	4.30	
13 Trichlorofluoromethane	101	2.947	2.953	-0.007	96	53139	4.00	4.32	M
16 Ethanol	45	3.099	3.166	-0.067	87	22903	250.0	271.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.264	3.276	-0.012	91	35444	4.00	4.41	
18 Acrolein	56	3.331	3.331	0.000	99	94307	39.0	40.0	
19 1,1-Dichloroethene	96	3.477	3.483	-0.006	96	27177	4.00	4.39	
21 Acetone	58	3.501	3.520	-0.019	66	9827	8.00	8.62	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.513	3.526	-0.013	91	31196	4.00	4.37	
23 Iodomethane	142	3.690	3.690	0.000	97	51337	4.00	4.26	
24 Isopropyl alcohol	45	3.745	3.770	-0.025	35	27353	20.0	24.4	M
25 Carbon disulfide	76	3.776	3.818	-0.042	98	70833	4.00	3.84	
26 Methyl acetate	43	3.916	3.922	-0.006	95	32851	4.00	4.31	
27 3-Chloro-1-propene	41	3.940	3.940	0.000	90	33500	4.00	3.92	
28 Methylene Chloride	84	4.147	4.154	-0.007	88	30206	4.00	4.29	
* 29 t-Butyl alcohol-d10 (IS)	65	4.233	4.227	0.006	96	388467	250.0	250.0	
30 2-Methyl-2-propanol	59	4.361	4.367	-0.006	64	34656	20.0	20.5	
32 Acrylonitrile	53	4.507	4.495	0.012	100	41115	10.0	10.3	
34 trans-1,2-Dichloroethene	96	4.544	4.544	0.000	98	25329	4.00	4.18	
33 Methyl tert-butyl ether	73	4.562	4.568	-0.006	87	81676	4.00	4.15	
36 Hexane	57	4.989	4.989	0.000	91	34989	4.00	4.16	M
37 1,1-Dichloroethane	63	5.233	5.239	-0.006	95	44707	4.00	4.22	
38 Isopropyl ether	45	5.300	5.300	0.000	94	71637	4.00	4.11	
39 2-Chloro-1,3-butadiene	53	5.355	5.342	0.013	89	39473	4.00	4.28	Ma

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.848	5.842	0.006	96	73498	4.00	4.04	
43 2-Butanone (MEK)	43	6.080	6.086	-0.006	81	44303	8.00	8.12	
44 cis-1,2-Dichloroethene	96	6.092	6.092	0.000	80	30699	4.00	4.25	
45 2,2-Dichloropropane	77	6.111	6.104	0.007	77	39409	4.00	4.11	M
S 42 1,2-Dichloroethene, Total	100				0			8.44	
46 Propionitrile	54	6.184	6.184	0.000	65	34773	20.0	19.6	
183 Methyl acrylate	55	6.190	6.196	-0.006	98	37164	4.00	3.89	
47 Methacrylonitrile	67	6.385	6.385	0.000	89	38951	10.0	9.93	
48 Chlorobromomethane	128	6.421	6.428	-0.007	95	14904	4.00	4.24	
49 Tetrahydrofuran	71	6.446	6.440	0.006	86	32899	20.0	19.5	
50 Chloroform	83	6.586	6.580	0.006	92	46146	4.00	4.28	
$ 51 Dibromofluoromethane (Surr)	113	6.799	6.799	0.000	94	266980	50.0	51.0	
52 1,1,1-Trichloroethane	97	6.812	6.806	0.006	42	40876	4.00	4.17	
53 Cyclohexane	56	6.897	6.903	-0.006	87	49362	4.00	4.20	
56 Carbon tetrachloride	117	7.019	7.013	0.006	78	30444	4.00	3.93	
55 1,1-Dichloropropene	75	7.013	7.019	-0.006	95	36927	4.00	4.13	
57 Isobutyl alcohol	41	7.226	7.226	0.000	90	24797	50.0	47.8	
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	90	68582	50.0	49.7	
60 Benzene	78	7.287	7.287	0.000	96	111887	4.00	4.18	
61 1,2-Dichloroethane	62	7.366	7.372	-0.006	97	33029	4.00	4.16	
62 Tert-amyl methyl ether	73	7.476	7.476	0.000	99	71504	4.00	4.00	
* 63 Fluorobenzene (IS)	96	7.702	7.696	0.006	99	1085839	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	38	31650	4.00	4.22	
66 n-Butanol	56	8.086	8.104	-0.018	86	16705	50.0	45.5	
67 Trichloroethene	95	8.171	8.177	-0.006	96	26857	4.00	4.06	
178 Ethyl acrylate	55	8.305	8.299	0.006	99	32591	4.00	3.60	
68 Methylcyclohexane	83	8.476	8.482	-0.006	87	51970	4.00	4.08	
70 2-ethoxy-2-methyl butane	87	8.519	8.519	0.000	93	36036	4.00	3.96	
69 1,2-Dichloropropane	63	8.512	8.519	-0.007	72	24725	4.00	4.07	
71 Methyl methacrylate	69	8.604	8.604	0.000	87	20104	4.00	3.76	
72 1,4-Dioxane	88	8.610	8.622	-0.012	32	4544	50.0	47.7	
73 Dibromomethane	93	8.634	8.628	0.006	96	15927	4.00	4.00	
75 Dichlorobromomethane	83	8.866	8.866	0.000	99	26367	4.00	3.75	
76 2-Nitropropane	41	9.153	9.153	0.000	97	34048	20.0	16.2	
78 2-Chloroethyl vinyl ether	63	9.232	9.238	-0.006	91	14795	4.00	3.69	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	96	32779	4.00	3.80	
80 4-Methyl-2-pentanone (MIBK)	43	9.598	9.604	-0.006	95	77775	8.00	7.88	
$ 81 Toluene-d8 (Surr)	98	9.726	9.732	-0.006	93	1003796	50.0	51.0	
82 Toluene	92	9.805	9.805	0.000	98	64650	4.00	4.22	
S 104 1,3-Dichloropropene, Total	100				0			7.43	
105 trans-1,3-Dichloropropene	75	10.067	10.073	-0.006	91	26332	4.00	3.63	
106 Ethyl methacrylate	69	10.134	10.134	0.000	87	33712	4.00	3.85	
107 1,1,2-Trichloroethane	97	10.280	10.280	0.000	89	20223	4.00	3.99	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	27264	4.00	4.25	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	33699	4.00	3.98	
110 2-Hexanone	43	10.500	10.500	0.000	96	53125	8.00	8.21	
111 Chlorodibromomethane	129	10.658	10.658	0.000	89	17028	4.00	3.51	
112 Ethylene Dibromide	107	10.768	10.774	-0.006	99	20976	4.00	3.93	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	715272	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	95	35476	4.00	4.20	
116 Chlorobenzene	112	11.238	11.238	0.000	95	67256	4.00	4.07	
S 113 Xylenes, Total	106				0			12.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	93	21867	4.00	3.85	
118 Ethylbenzene	91	11.323	11.323	0.000	98	127201	4.00	4.16	
119 m-Xylene & p-Xylene	106	11.445	11.445	0.000	100	101645	8.00	8.41	
272 n-Butyl acrylate	55	11.725	11.725	0.000	97	44329	4.00	3.86	
120 o-Xylene	106	11.780	11.780	0.000	96	51439	4.00	4.16	
121 Styrene	104	11.792	11.792	0.000	95	75599	4.00	4.10	
122 Bromoform	173	11.951	11.957	-0.006	97	10559	4.00	3.26	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	123487	4.00	4.20	
124 Cyclohexanone	55	12.170	12.170	0.000	90	70827	200.0	201.8	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	89	361411	50.0	51.1	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	95	37919	4.00	3.84	
127 Bromobenzene	156	12.353	12.353	0.000	96	27729	4.00	3.94	
128 trans-1,4-Dichloro-2-butene	53	12.365	12.365	0.000	77	22763	10.0	9.20	a
129 1,2,3-Trichloropropane	110	12.384	12.390	-0.006	84	12359	4.00	3.91	
130 N-Propylbenzene	91	12.420	12.420	0.000	99	156833	4.00	4.07	
131 2-Chlorotoluene	126	12.500	12.500	0.000	97	31207	4.00	4.05	
132 1,3,5-Trimethylbenzene	105	12.560	12.560	0.000	94	109641	4.00	3.89	
133 4-Chlorotoluene	126	12.597	12.597	0.000	96	29184	4.00	4.01	
134 tert-Butylbenzene	134	12.810	12.810	0.000	92	21492	4.00	3.86	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	96	112287	4.00	3.94	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	140043	4.00	3.94	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	98	56091	4.00	4.05	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	121360	4.00	3.88	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.134	0.000	95	406445	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.152	13.158	-0.006	96	55278	4.00	4.04	
142 1,2,3-Trimethylbenzene	105	13.164	13.170	-0.006	98	115870	4.00	3.97	
143 Benzyl chloride	91	13.237	13.237	0.000	98	53526	4.00	3.01	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	69576	4.00	3.98	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	74629	4.00	3.99	
146 n-Butylbenzene	92	13.390	13.390	0.000	96	60829	4.00	4.04	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	57346	4.00	4.10	
148 o-diethylbenzene	119	13.444	13.444	0.000	94	55564	4.00	3.84	
150 1,2-Dibromo-3-Chloropropane	75	13.987	13.981	0.006	85	9611	4.00	3.59	
151 1,3,5-Trichlorobenzene	180	14.109	14.115	-0.006	98	40285	4.00	4.03	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	94	38114	4.00	4.00	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	81	28129	4.00	3.07	
153 Hexachlorobutadiene	225	14.639	14.639	0.000	96	12873	4.00	3.83	
154 Naphthalene	128	14.743	14.743	0.000	97	152492	4.00	4.00	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	37915	4.00	4.00	
156 2-Methylnaphthalene	142	15.523	15.523	0.000	92	70342	4.00	3.82	
S 165 Total Diethylbenzene	1				0			11.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00240	Amount Added:	4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	32.00	Units: uL	
MSV_CCV_VOC#3_00241	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00232	Amount Added:	4.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	20.00	Units: uL	
MSV_CCV_GASES_01063	Amount Added:	2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

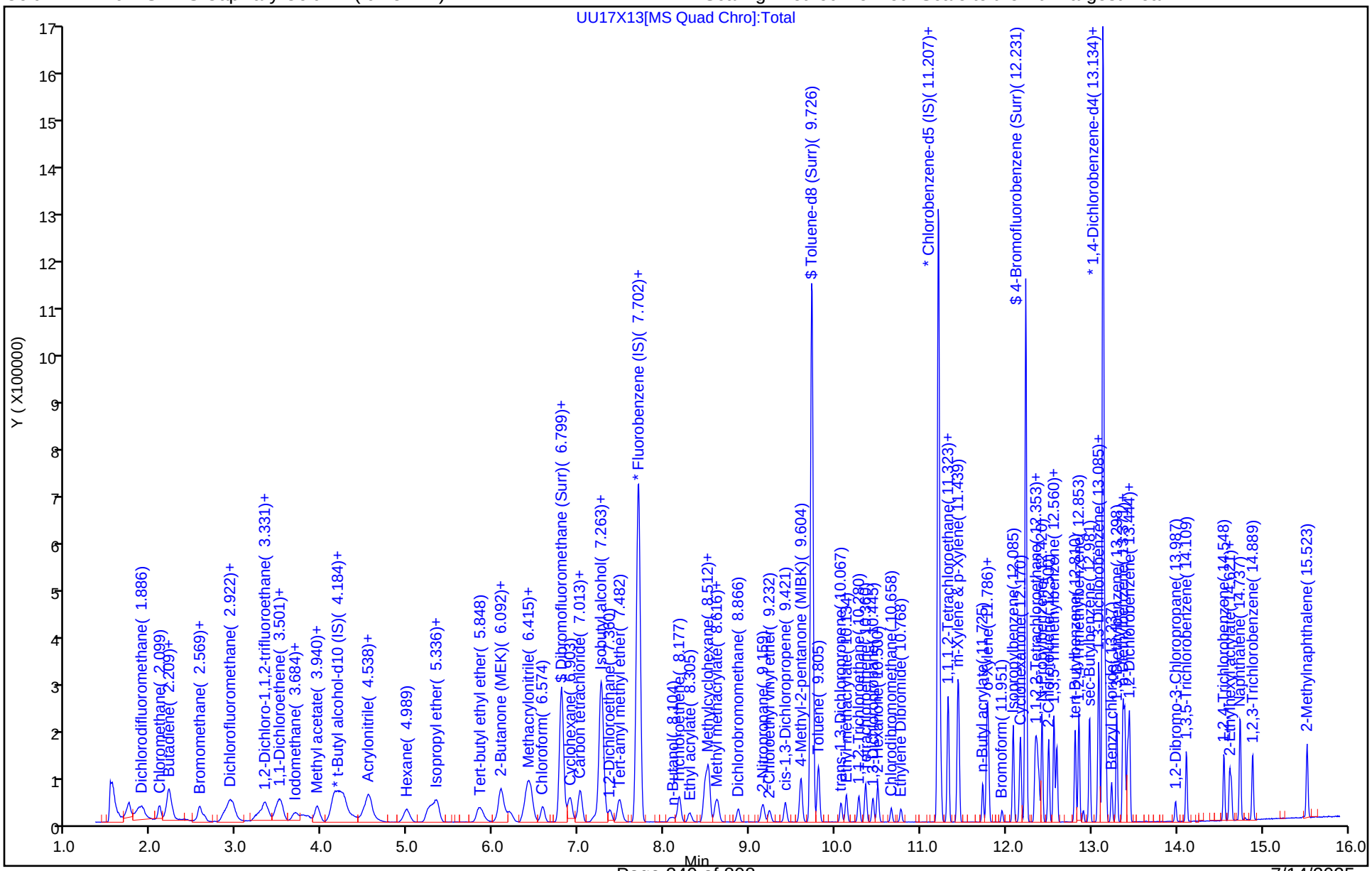
Report Date: 18-Jun-2025 19:49:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D

Injection Date:	17-Jun-2025 19:20:41	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC v4			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	13
Method:	MSV_8260_5mL_HP34	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

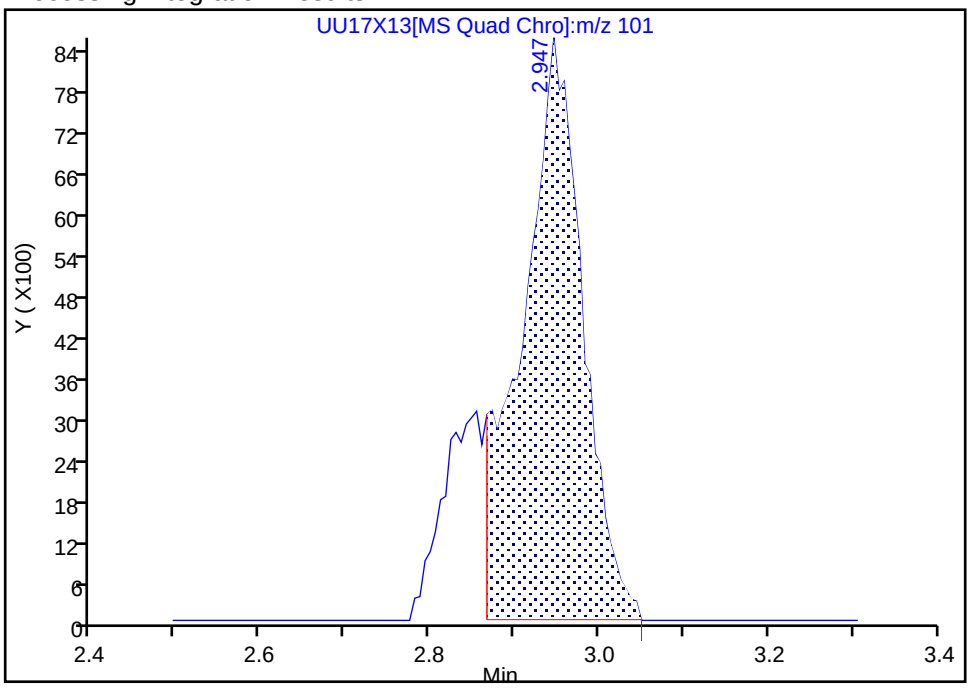
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D
Injection Date: 17-Jun-2025 19:20:41 Instrument ID: 23090
Lims ID: IC v4
Client ID:
Operator ID: jml01693 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

13 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

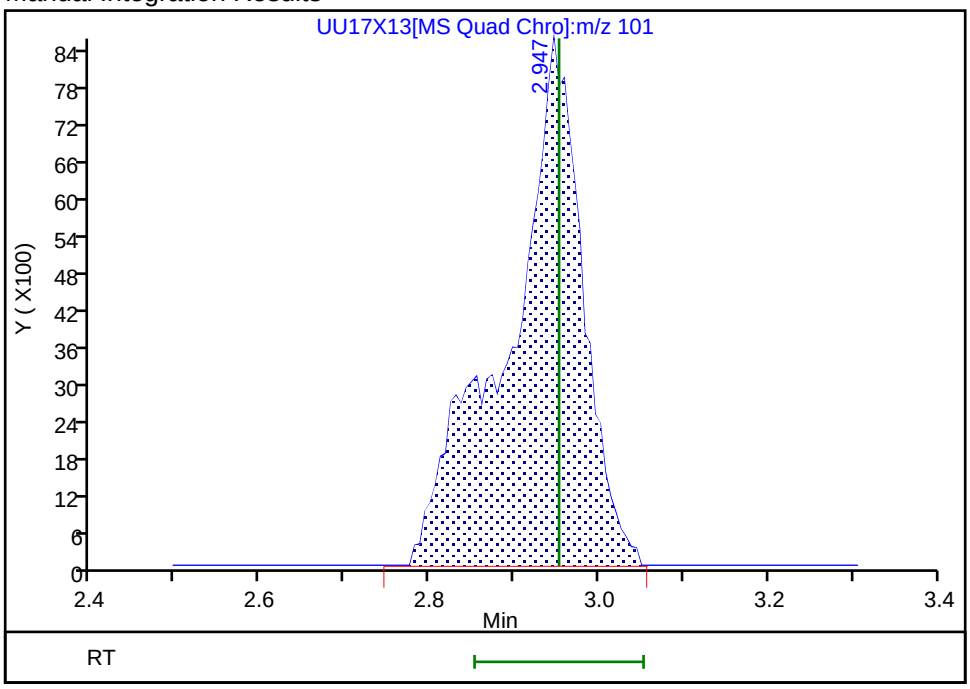
Processing Integration Results

RT: 2.95
Area: 43219
Amount: 3.897241
Amount Units: ug/l



Manual Integration Results

RT: 2.95
Area: 53139
Amount: 4.324257
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:21:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

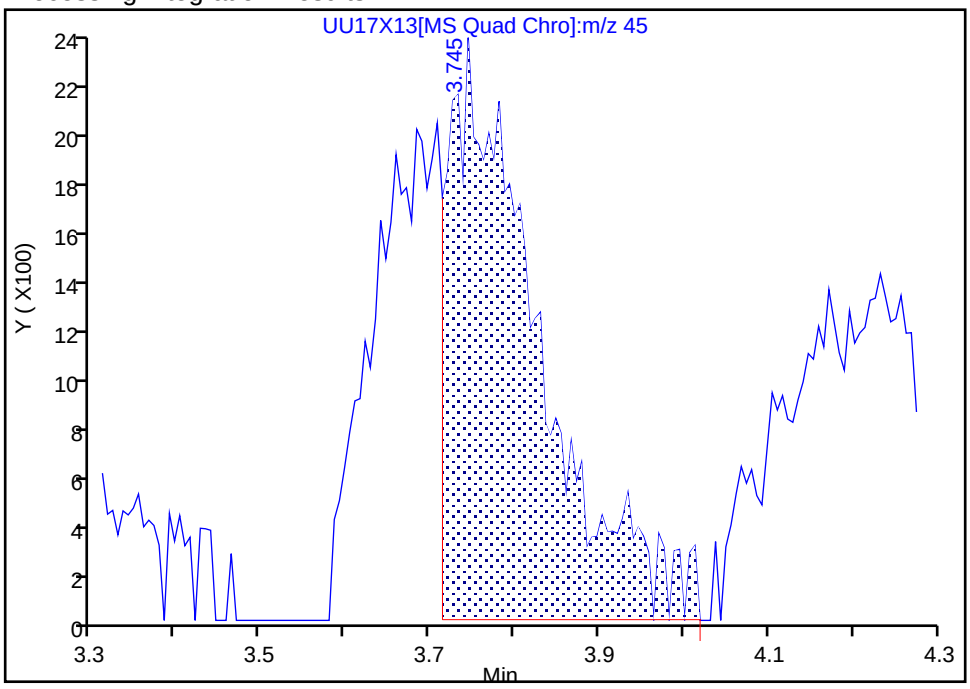
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D
Injection Date: 17-Jun-2025 19:20:41 Instrument ID: 23090
Lims ID: IC v4
Client ID:
Operator ID: jml01693 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

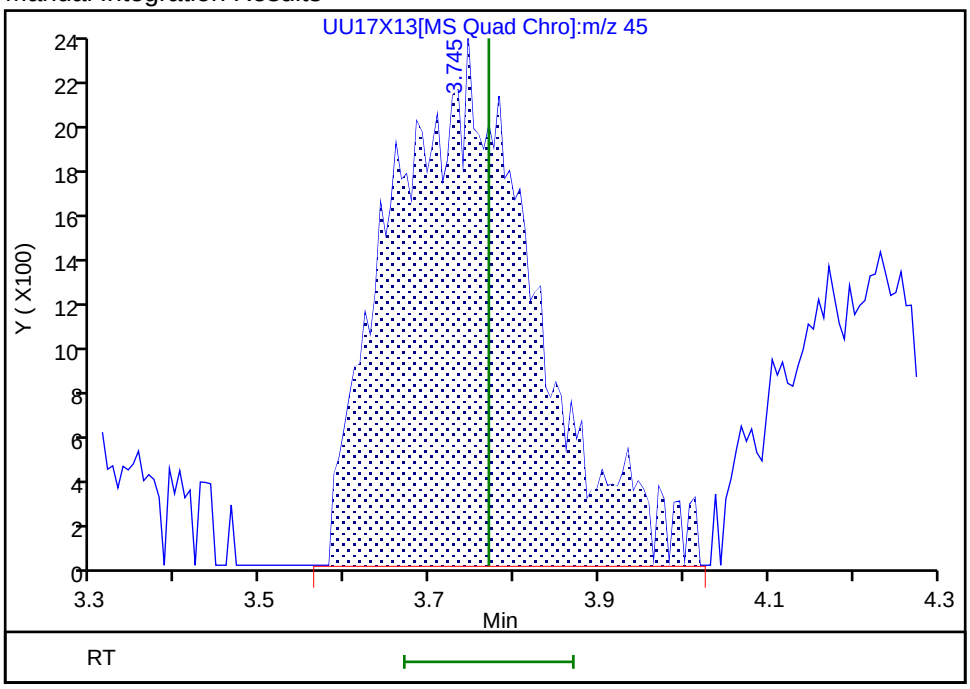
Processing Integration Results

RT: 3.75
Area: 17063
Amount: 17.567630
Amount Units: ug/l



Manual Integration Results

RT: 3.75
Area: 27353
Amount: 24.413395
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:21:59 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

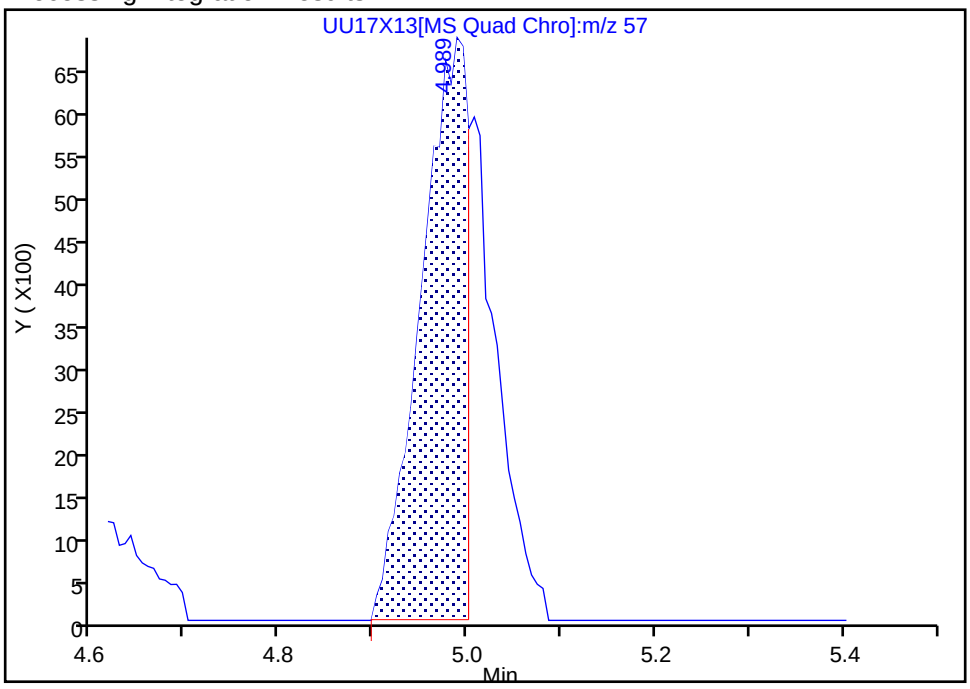
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D				
Injection Date:	17-Jun-2025 19:20:41	Instrument ID:	23090		
Lims ID:	IC v4				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

36 Hexane, CAS: 110-54-3

Signal: 1

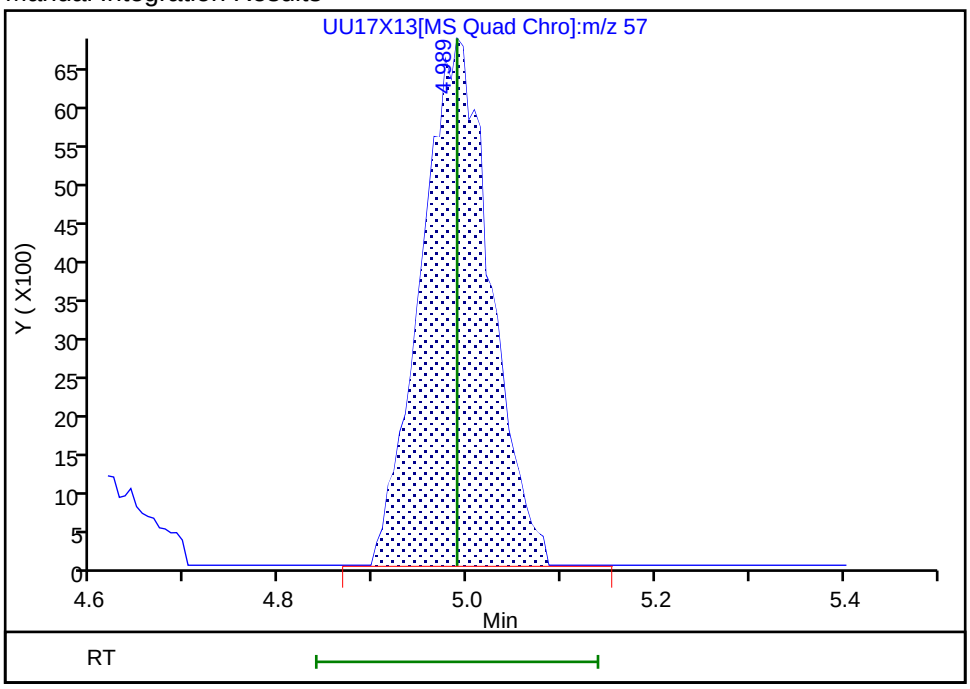
Processing Integration Results

RT: 4.99
Area: 23615
Amount: 3.831236
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 34989
Amount: 4.158821
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:22:08 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

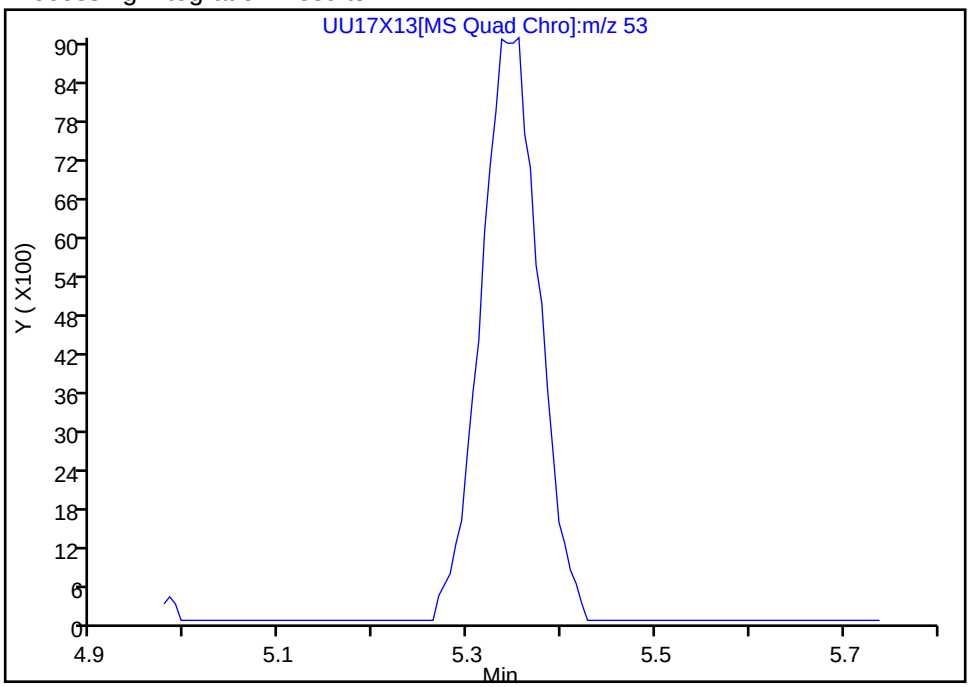
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D
Injection Date: 17-Jun-2025 19:20:41 Instrument ID: 23090
Lims ID: IC v4
Client ID:
Operator ID: jml01693 ALS Bottle#: 13 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

39 2-Chloro-1,3-butadiene, CAS: 126-99-8

Signal: 1

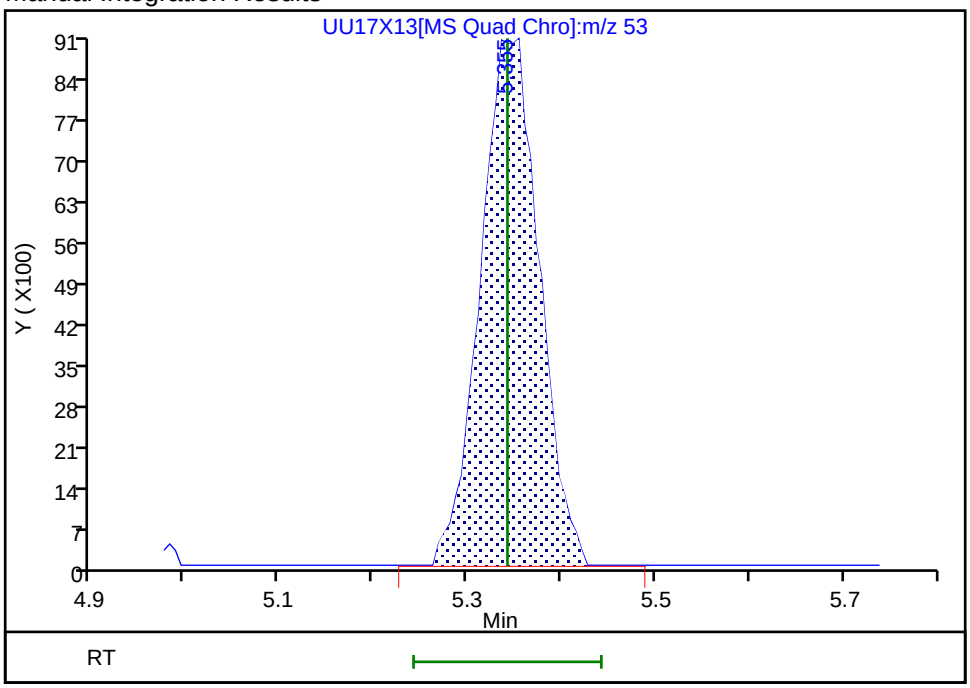
Not Detected
Expected RT: 5.34

Processing Integration Results



Manual Integration Results

RT: 5.35
Area: 39473
Amount: 4.284941
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:22:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

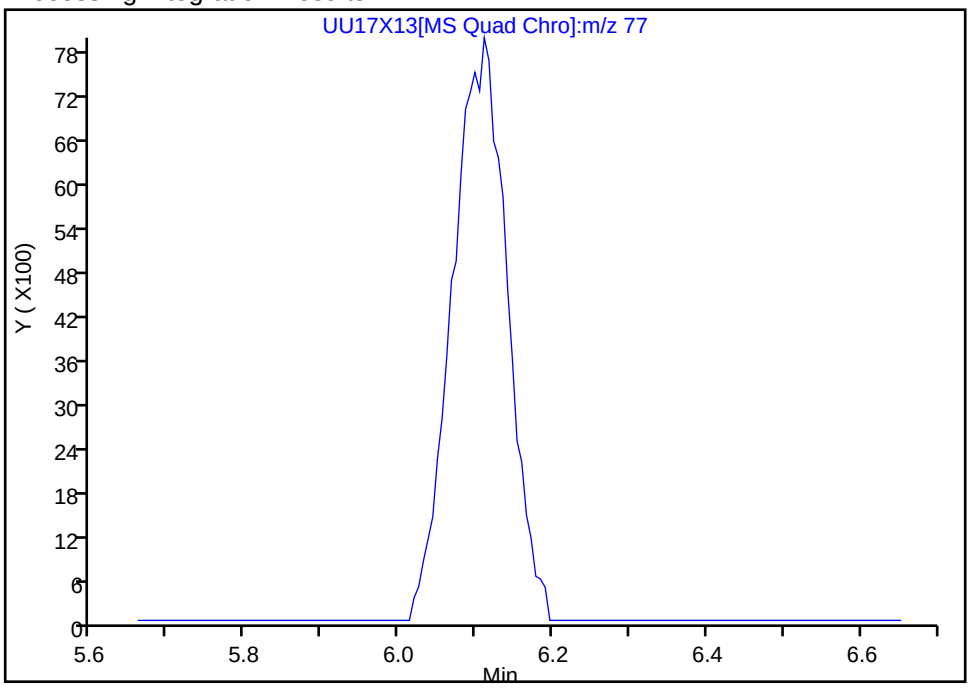
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D				
Injection Date:	17-Jun-2025 19:20:41	Instrument ID:	23090		
Lims ID:	IC v4				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

45 2,2-Dichloropropane, CAS: 594-20-7

Signal: 1

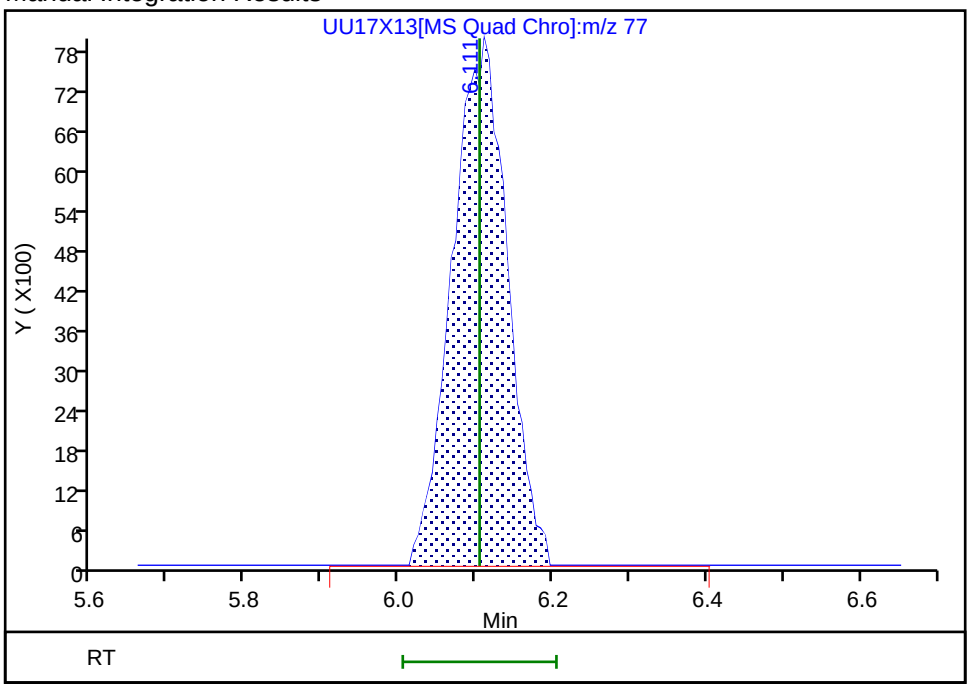
Not Detected
Expected RT: 6.10

Processing Integration Results



Manual Integration Results

RT: 6.11
Area: 39409
Amount: 4.108111
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:22:22 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

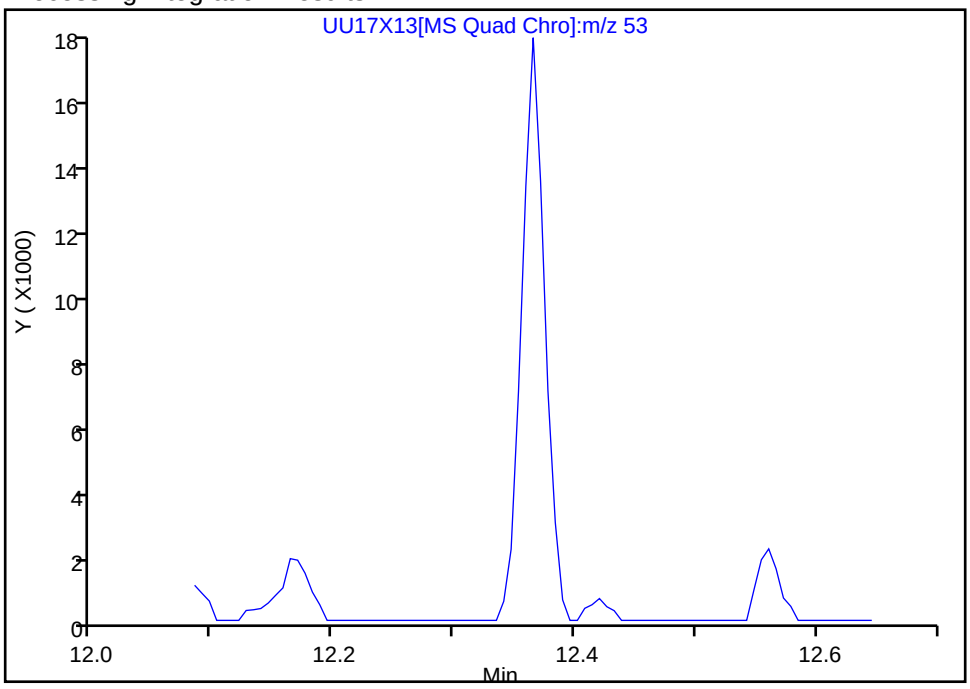
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X13.D				
Injection Date:	17-Jun-2025 19:20:41	Instrument ID:	23090		
Lims ID:	IC v4				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	13	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

128 trans-1,4-Dichloro-2-butene, CAS: 110-57-6

Signal: 1

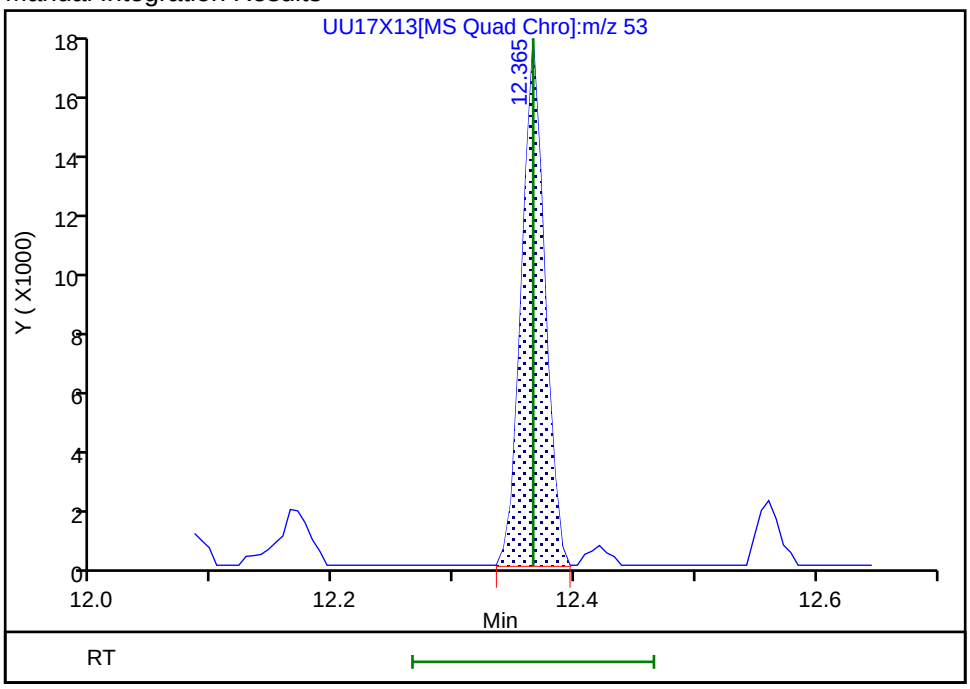
Not Detected
Expected RT: 12.37

Processing Integration Results



Manual Integration Results

RT: 12.37
Area: 22763
Amount: 9.196121
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:22:42 -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\23090\20250617-150677.b\UU17X14.D
Lims ID: IC v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 17-Jun-2025 19:41:06 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v10
Misc. Info.: 410-0150677-014, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:49:07 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: TQ4J Date: 18-Jun-2025 09:24:22

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.892	1.892	0.000	99	114331	10.0	11.1	
6 Chloromethane	50	2.093	2.099	-0.006	99	118428	10.0	11.2	
8 Butadiene	39	2.203	2.197	0.006	88	118258	10.0	10.3	
7 Vinyl chloride	62	2.215	2.215	0.000	98	119481	10.0	11.2	
10 Bromomethane	94	2.562	2.562	0.000	90	84053	10.0	11.2	
11 Chloroethane	64	2.617	2.617	0.000	99	66737	10.0	10.9	
12 Dichlorofluoromethane	67	2.898	2.898	0.000	96	182425	10.0	11.0	
14 Pentane	43	2.934	2.934	0.000	97	108078	10.0	10.3	
13 Trichlorofluoromethane	101	2.953	2.953	0.000	97	134405	10.0	10.9	
16 Ethanol	45	3.129	3.166	-0.037	22	43166	500.0	524.2	M
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.282	3.276	0.006	91	88144	10.0	10.9	
18 Acrolein	56	3.331	3.331	0.000	99	236884	97.6	102.9	
19 1,1-Dichloroethene	96	3.471	3.483	-0.012	98	66604	10.0	10.7	
21 Acetone	58	3.501	3.520	-0.019	92	24132	20.0	21.7	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.520	3.526	-0.006	92	77284	10.0	10.8	
23 Iodomethane	142	3.690	3.690	0.000	98	130320	10.0	10.8	
24 Isopropyl alcohol	45	3.727	3.770	-0.043	82	57619	50.0	52.6	
25 Carbon disulfide	76	3.770	3.818	-0.048	99	190731	10.0	10.3	
26 Methyl acetate	43	3.928	3.922	0.006	96	79265	10.0	10.4	
27 3-Chloro-1-propene	41	3.940	3.940	0.000	90	87926	10.0	10.3	
28 Methylene Chloride	84	4.148	4.154	-0.006	90	75855	10.0	10.8	
* 29 t-Butyl alcohol-d10 (IS)	65	4.227	4.227	0.000	97	379542	250.0	250.0	
30 2-Methyl-2-propanol	59	4.361	4.367	-0.006	99	84323	50.0	50.9	M
32 Acrylonitrile	53	4.495	4.495	0.000	98	107875	25.0	26.8	
34 trans-1,2-Dichloroethene	96	4.544	4.544	0.000	98	67782	10.0	11.2	
33 Methyl tert-butyl ether	73	4.550	4.568	-0.018	93	210613	10.0	10.7	
36 Hexane	57	4.995	4.989	0.006	91	90066	10.0	10.7	M
37 1,1-Dichloroethane	63	5.233	5.239	-0.006	96	115905	10.0	10.9	
38 Isopropyl ether	45	5.300	5.300	0.000	93	184255	10.0	10.6	
39 2-Chloro-1,3-butadiene	53	5.342	5.342	0.000	89	100704	10.0	10.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.848	5.842	0.006	97	192834	10.0	10.6	
43 2-Butanone (MEK)	43	6.074	6.086	-0.012	76	109289	20.0	20.0	
44 cis-1,2-Dichloroethene	96	6.086	6.092	-0.006	80	78992	10.0	10.9	
45 2,2-Dichloropropane	77	6.098	6.104	-0.006	76	101247	10.0	10.5	
S 42 1,2-Dichloroethene, Total	100				0			22.1	
46 Propionitrile	54	6.178	6.184	-0.006	82	93987	50.0	54.1	M
183 Methyl acrylate	55	6.196	6.196	0.000	98	97542	10.0	10.2	
47 Methacrylonitrile	67	6.379	6.385	-0.006	91	102107	25.0	26.0	M
48 Chlorobromomethane	128	6.428	6.428	0.000	91	38238	10.0	10.9	
49 Tetrahydrofuran	71	6.446	6.440	0.006	88	86921	50.0	52.8	
50 Chloroform	83	6.580	6.580	0.000	92	116509	10.0	10.8	
$ 51 Dibromofluoromethane (Surr)	113	6.799	6.799	0.000	93	265766	50.0	50.7	
52 1,1,1-Trichloroethane	97	6.806	6.806	0.000	98	103055	10.0	10.5	
53 Cyclohexane	56	6.897	6.903	-0.006	88	125129	10.0	10.6	
56 Carbon tetrachloride	117	7.007	7.013	-0.006	76	81410	10.0	10.5	
55 1,1-Dichloropropene	75	7.019	7.019	0.000	97	95261	10.0	10.6	
57 Isobutyl alcohol	41	7.220	7.226	-0.006	91	62939	125.0	124.1	
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	80	69466	50.0	50.2	
60 Benzene	78	7.287	7.287	0.000	94	283972	10.0	10.6	
61 1,2-Dichloroethane	62	7.373	7.372	0.001	97	83859	10.0	10.6	M
62 Tert-amyl methyl ether	73	7.476	7.476	0.000	98	185776	10.0	10.4	
* 63 Fluorobenzene (IS)	96	7.696	7.696	0.000	99	1087849	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	84	78190	10.0	10.4	
66 n-Butanol	56	8.092	8.104	-0.012	88	43728	125.0	121.9	
67 Trichloroethene	95	8.177	8.177	0.000	98	69516	10.0	10.5	
178 Ethyl acrylate	55	8.293	8.299	-0.006	99	91137	10.0	10.0	
68 Methylcyclohexane	83	8.482	8.482	0.000	89	134183	10.0	10.5	
70 2-ethoxy-2-methyl butane	87	8.519	8.519	0.000	93	96063	10.0	10.5	
69 1,2-Dichloropropane	63	8.519	8.519	0.000	72	64444	10.0	10.6	
71 Methyl methacrylate	69	8.604	8.604	0.000	87	55086	10.0	10.3	
72 1,4-Dioxane	88	8.616	8.622	-0.006	32	12515	125.0	134.6	M
73 Dibromomethane	93	8.628	8.628	0.000	97	42378	10.0	10.6	
75 Dichlorobromomethane	83	8.866	8.866	0.000	99	72466	10.0	10.3	
76 2-Nitropropane	41	9.159	9.153	0.006	98	102319	50.0	49.9	
78 2-Chloroethyl vinyl ether	63	9.232	9.238	-0.006	89	40656	10.0	10.1	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	88875	10.0	10.3	
80 4-Methyl-2-pentanone (MIBK)	43	9.604	9.604	0.000	95	203886	20.0	20.6	
$ 81 Toluene-d8 (Surr)	98	9.726	9.732	-0.006	93	1015938	50.0	50.3	
82 Toluene	92	9.805	9.805	0.000	98	166335	10.0	10.6	
S 104 1,3-Dichloropropene, Total	100				0			20.4	
105 trans-1,3-Dichloropropene	75	10.073	10.073	0.000	91	74994	10.0	10.1	
106 Ethyl methacrylate	69	10.134	10.134	0.000	88	94069	10.0	10.5	
107 1,1,2-Trichloroethane	97	10.280	10.280	0.000	90	54430	10.0	10.5	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	69855	10.0	10.6	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	91302	10.0	10.5	
110 2-Hexanone	43	10.500	10.500	0.000	95	138744	20.0	20.9	
111 Chlorodibromomethane	129	10.658	10.658	0.000	89	48972	10.0	9.84	
112 Ethylene Dibromide	107	10.768	10.774	-0.006	98	56769	10.0	10.4	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	733851	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	96	91520	10.0	10.6	
116 Chlorobenzene	112	11.238	11.238	0.000	96	177583	10.0	10.5	
S 113 Xylenes, Total	106				0			32.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	92	61310	10.0	10.5	
118 Ethylbenzene	91	11.323	11.323	0.000	98	331525	10.0	10.6	
119 m-Xylene & p-Xylene	106	11.439	11.445	-0.006	100	265773	20.0	21.4	
272 n-Butyl acrylate	55	11.725	11.725	0.000	98	124538	10.0	10.6	
120 o-Xylene	106	11.780	11.780	0.000	96	135648	10.0	10.7	
121 Styrene	104	11.792	11.792	0.000	95	201692	10.0	10.6	
122 Bromoform	173	11.957	11.957	0.000	96	32305	10.0	9.71	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	325317	10.0	10.8	
124 Cyclohexanone	55	12.170	12.170	0.000	90	87254	250.0	254.4	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	88	371744	50.0	51.2	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	94	103130	10.0	10.2	
127 Bromobenzene	156	12.353	12.353	0.000	97	73510	10.0	10.2	
128 trans-1,4-Dichloro-2-butene	53	12.365	12.365	0.000	90	65678	25.0	25.8	
129 1,2,3-Trichloropropane	110	12.384	12.390	-0.006	83	33646	10.0	10.4	
130 N-Propylbenzene	91	12.420	12.420	0.000	98	412500	10.0	10.4	
131 2-Chlorotoluene	126	12.500	12.500	0.000	97	82456	10.0	10.4	
132 1,3,5-Trimethylbenzene	105	12.561	12.560	0.001	93	295203	10.0	10.2	
133 4-Chlorotoluene	126	12.597	12.597	0.000	97	77309	10.0	10.3	
134 tert-Butylbenzene	134	12.810	12.810	0.000	92	56876	10.0	9.95	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	97	301063	10.0	10.3	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	371470	10.0	10.2	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	98	146821	10.0	10.3	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	325294	10.0	10.1	
* 140 1,4-Dichlorobenzene-d4	152	13.134	13.134	0.000	95	417646	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.158	13.158	0.000	96	145214	10.0	10.3	
142 1,2,3-Trimethylbenzene	105	13.170	13.170	0.000	98	304435	10.0	10.1	
143 Benzyl chloride	91	13.237	13.237	0.000	98	161473	10.0	8.84	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	184827	10.0	10.3	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	196204	10.0	10.2	
146 n-Butylbenzene	92	13.390	13.390	0.000	97	159605	10.0	10.3	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	150327	10.0	10.5	
148 o-diethylbenzene	119	13.445	13.444	0.000	94	148872	10.0	10.0	
150 1,2-Dibromo-3-Chloropropane	75	13.981	13.981	0.000	85	27481	10.0	9.98	
151 1,3,5-Trichlorobenzene	180	14.109	14.115	-0.006	98	105176	10.0	10.2	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	95	99211	10.0	10.1	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	80	82477	10.0	8.75	
153 Hexachlorobutadiene	225	14.639	14.639	0.000	96	34726	10.0	10.1	
154 Naphthalene	128	14.737	14.743	-0.006	97	401756	10.0	10.3	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	99613	10.0	10.2	
156 2-Methylnaphthalene	142	15.523	15.523	0.000	92	184805	10.0	9.76	
S 165 Total Diethylbenzene	1				0			30.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00240	Amount Added:	2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	8.00	Units: uL	
MSV_CCV_VOC#3_00241	Amount Added:	1.60	Units: uL	
MSV_CCV_2CEVE_00232	Amount Added:	2.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	8.00	Units: uL	
MSV_CCV_GASES_01063	Amount Added:	1.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	2.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

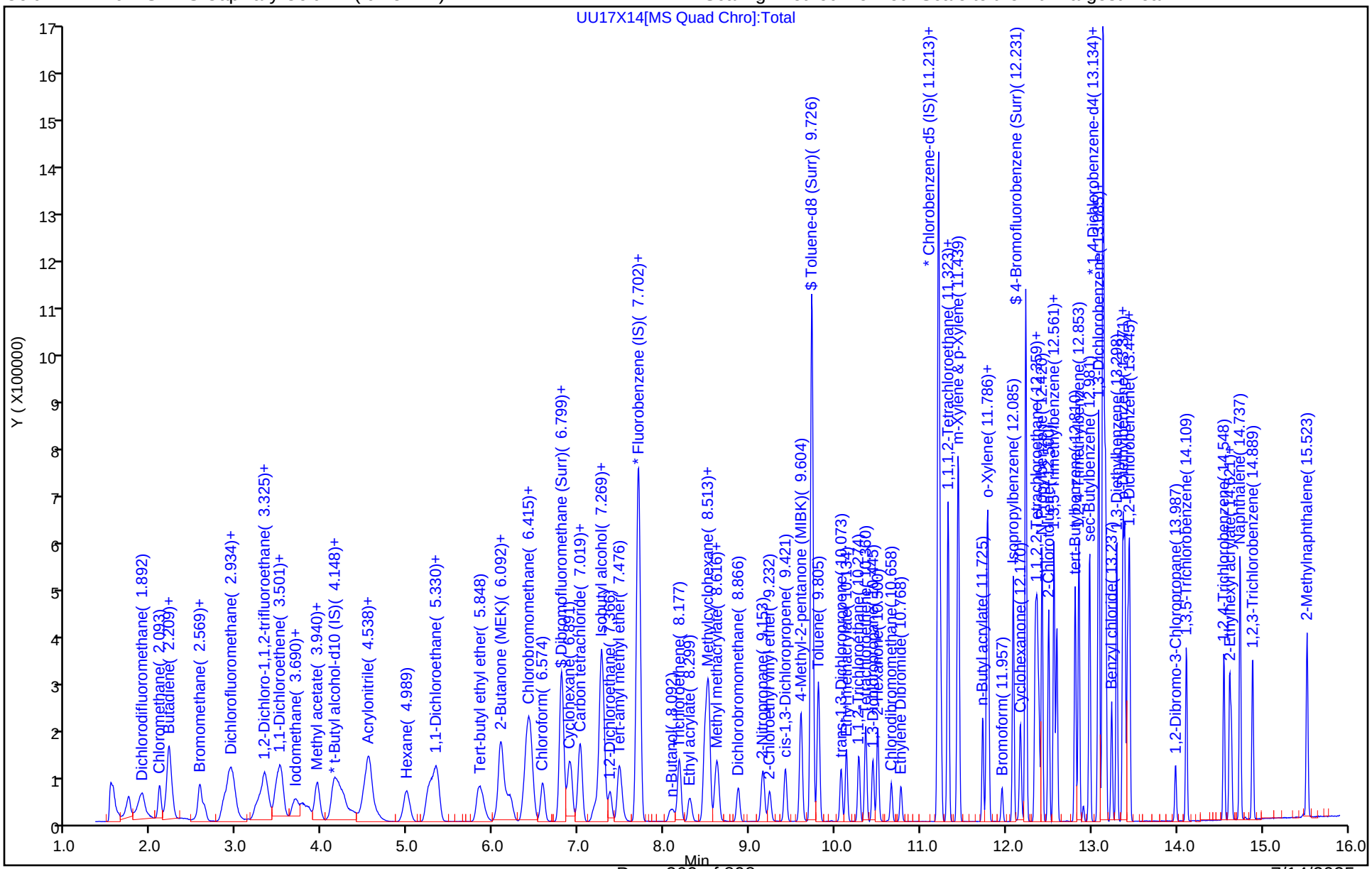
Report Date: 18-Jun-2025 19:49:08 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D

Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC v10			Worklist Smp#:	14
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	MSV_8260_5mL_HP34	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

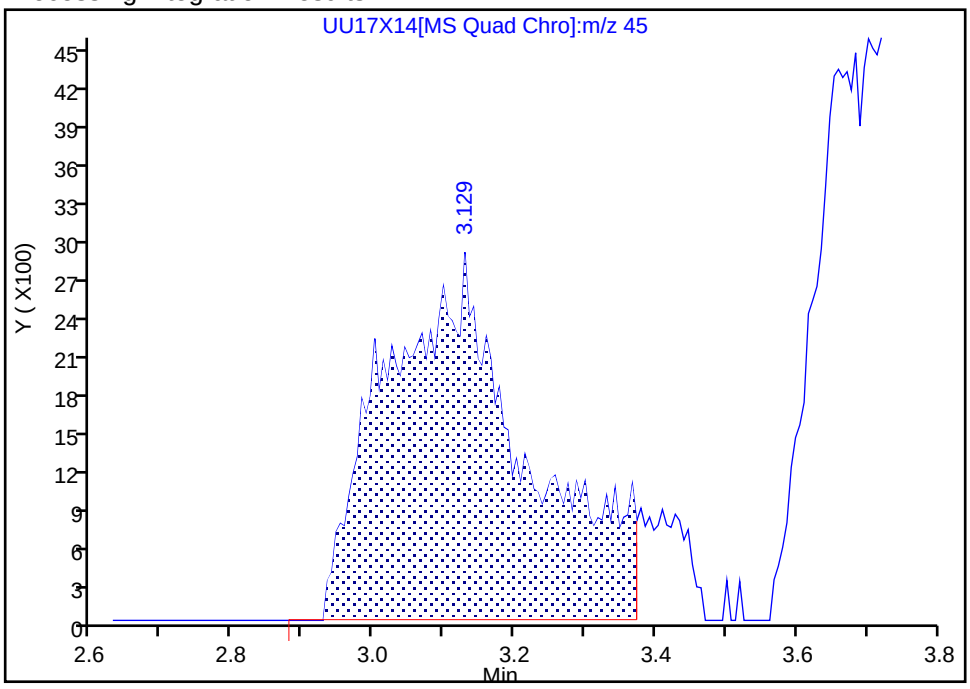
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D				
Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090		
Lims ID:	IC v10				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

16 Ethanol, CAS: 64-17-5

Signal: 1

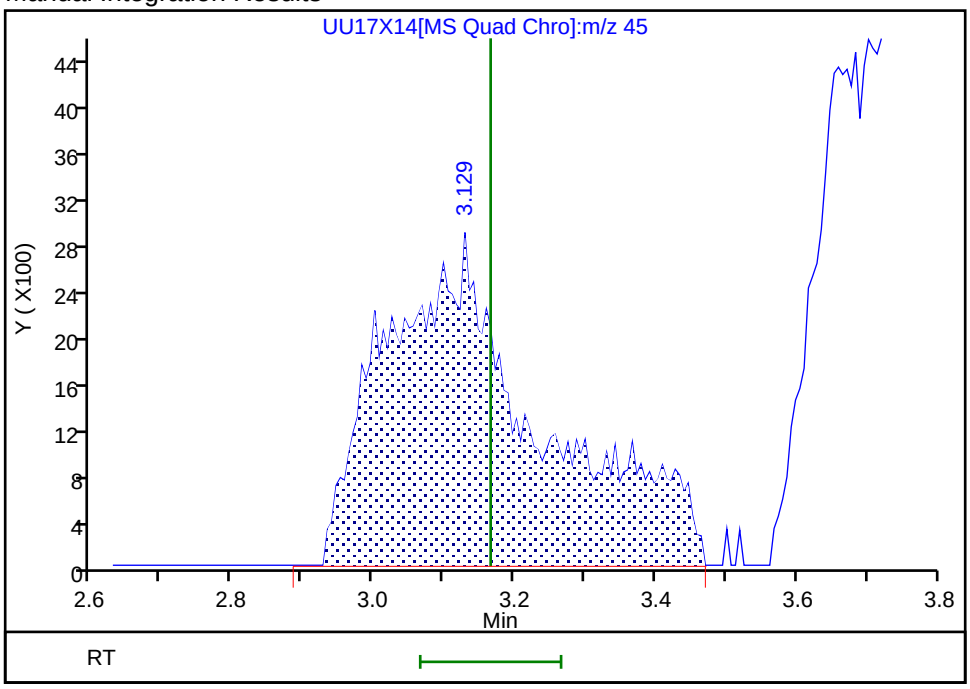
Processing Integration Results

RT: 3.13
Area: 39469
Amount: 524.1868
Amount Units: ug/l



Manual Integration Results

RT: 3.13
Area: 43166
Amount: 524.2190
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:23:29 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

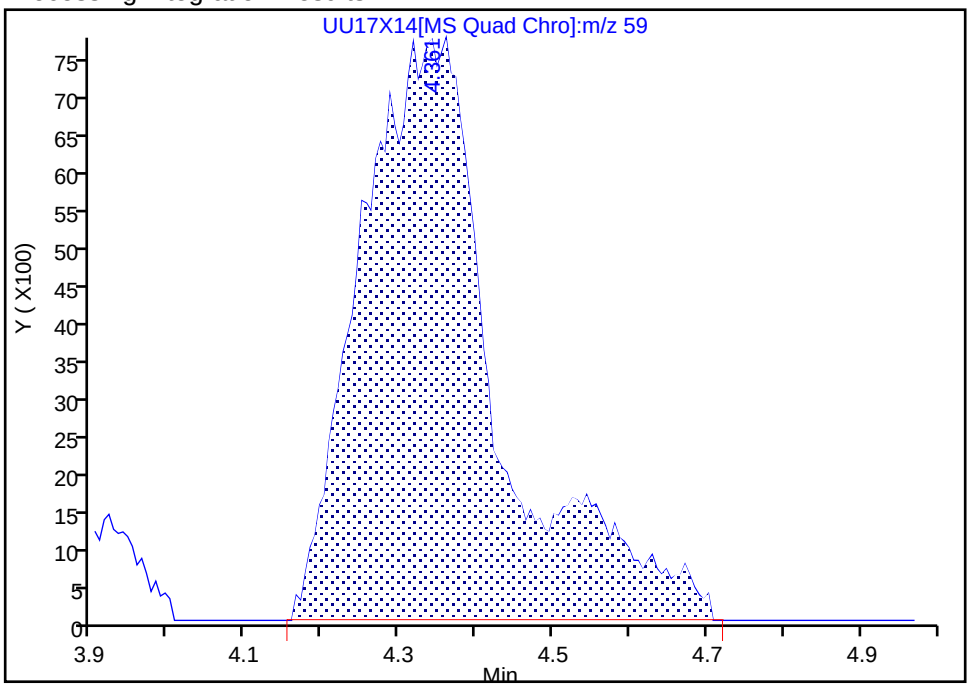
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D				
Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090		
Lims ID:	IC v10				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

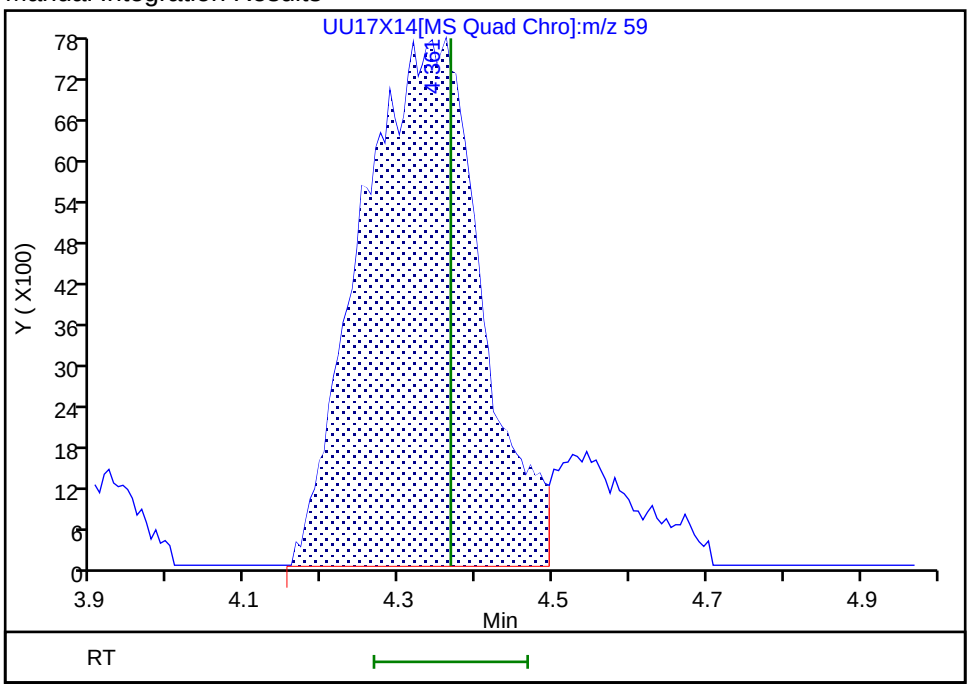
Processing Integration Results

RT: 4.36
Area: 96714
Amount: 54.646242
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 84323
Amount: 50.934333
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:22:12 -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

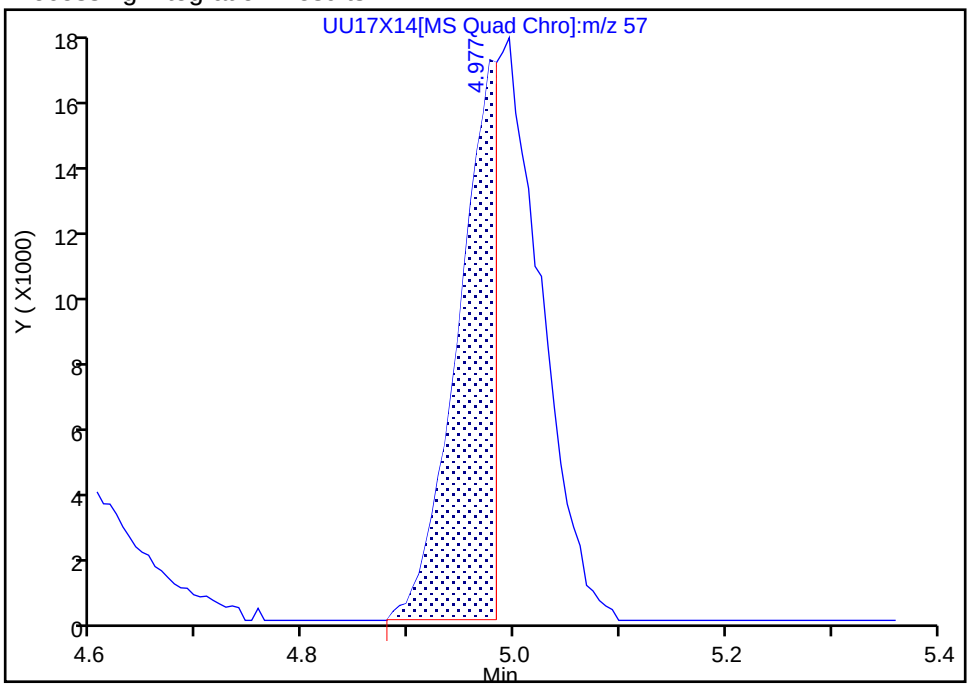
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D
Injection Date: 17-Jun-2025 19:41:06 Instrument ID: 23090
Lims ID: IC v10
Client ID:
Operator ID: jml01693 ALS Bottle#: 14 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

36 Hexane, CAS: 110-54-3

Signal: 1

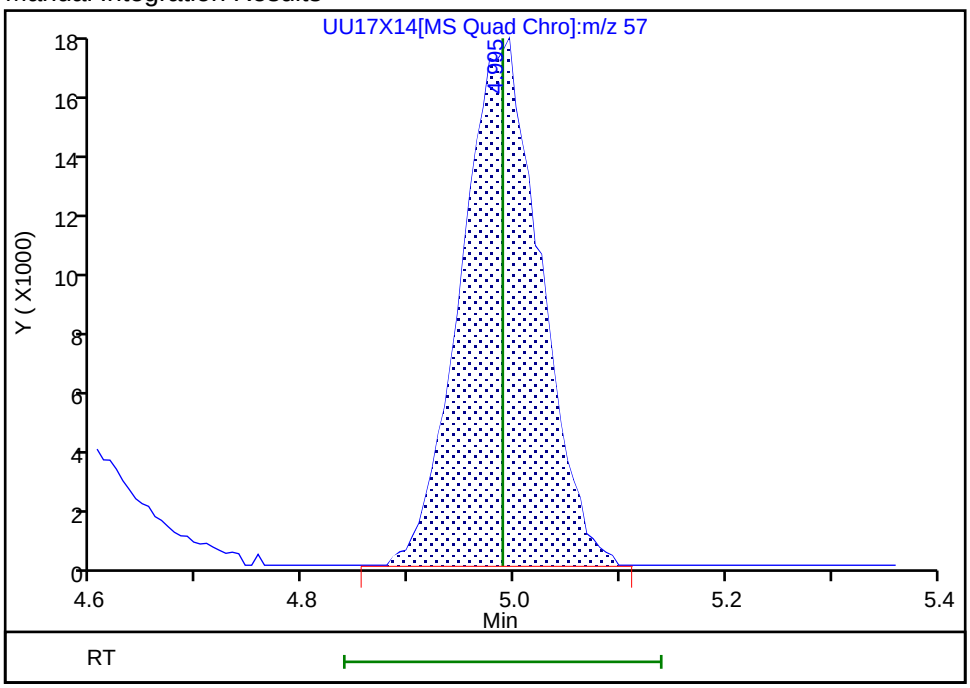
Processing Integration Results

RT: 4.98
Area: 43398
Amount: 6.593252
Amount Units: ug/l



Manual Integration Results

RT: 4.99
Area: 90066
Amount: 10.685538
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:23:44 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

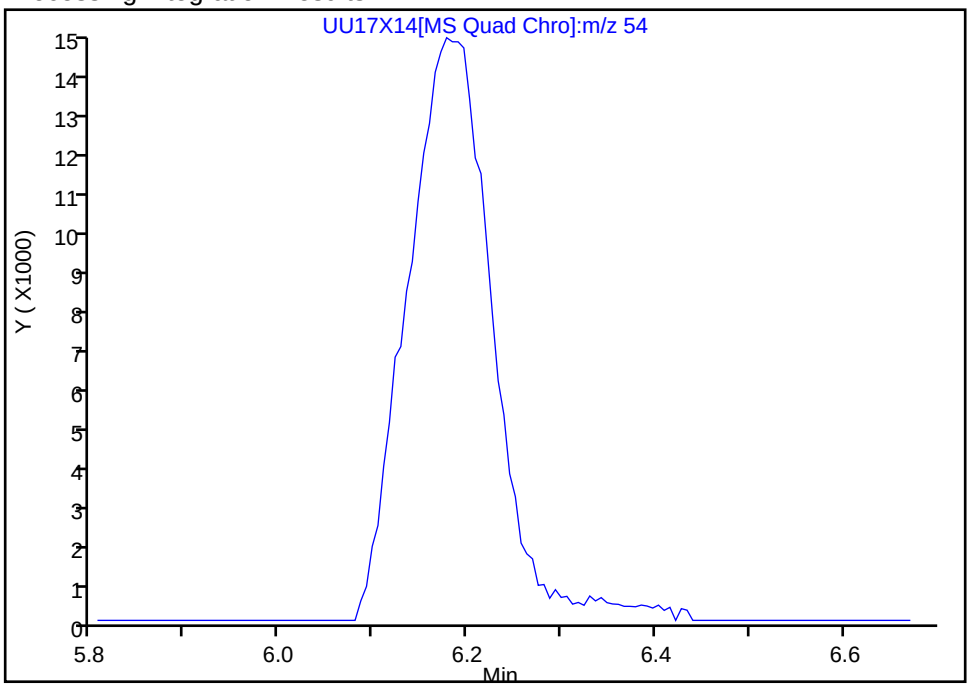
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D				
Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090		
Lims ID:	IC v10				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

46 Propionitrile, CAS: 107-12-0

Signal: 1

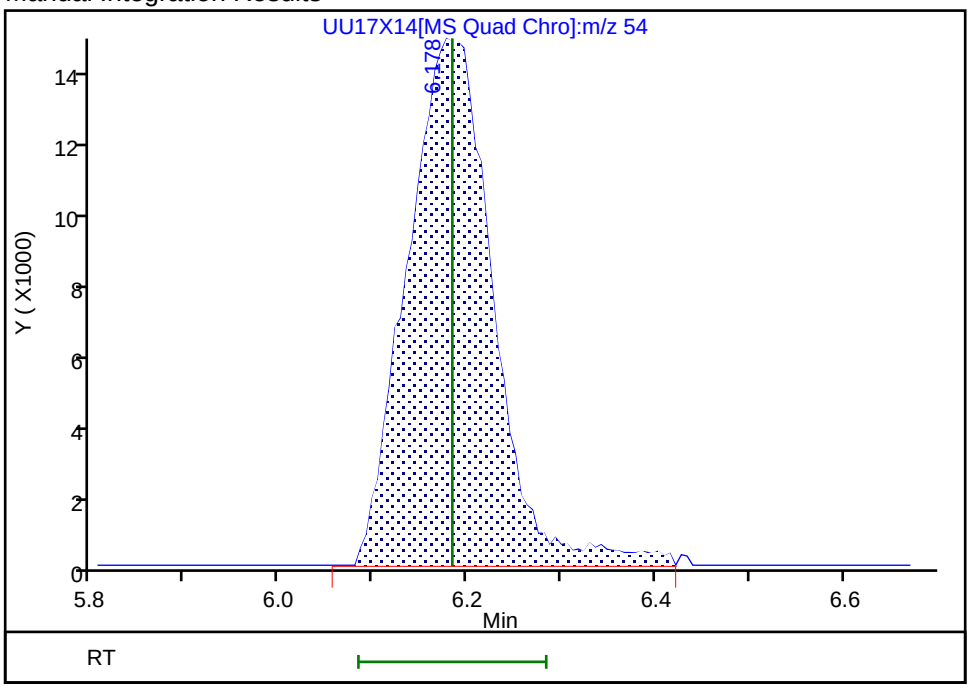
Not Detected
Expected RT: 6.18

Processing Integration Results



Manual Integration Results

RT: 6.18
Area: 93987
Amount: 54.118586
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:22:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

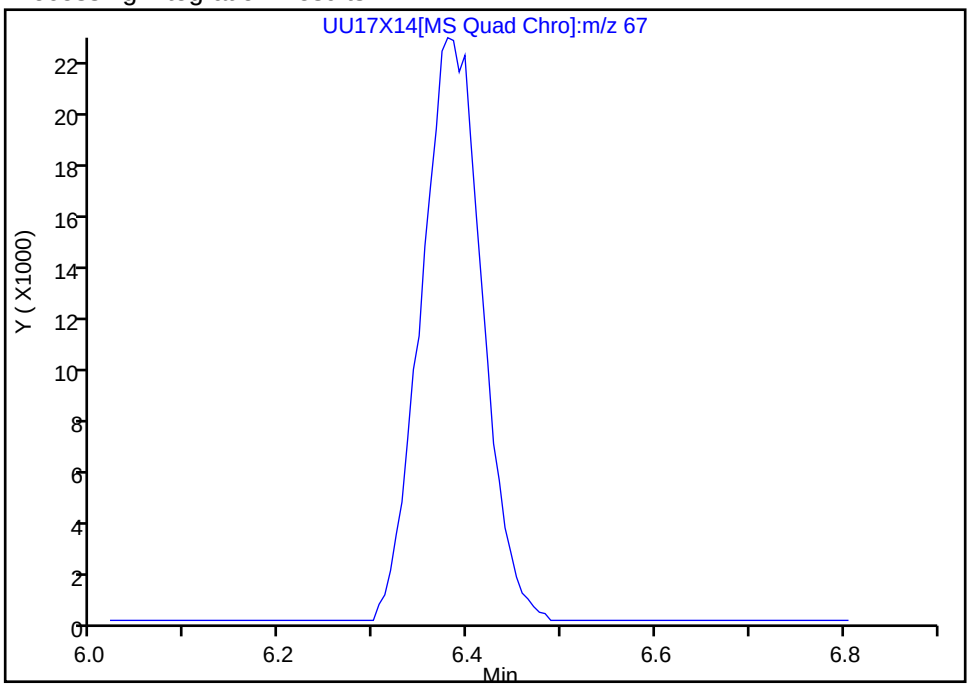
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D				
Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090		
Lims ID:	IC v10				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methacrylonitrile, CAS: 126-98-7

Signal: 1

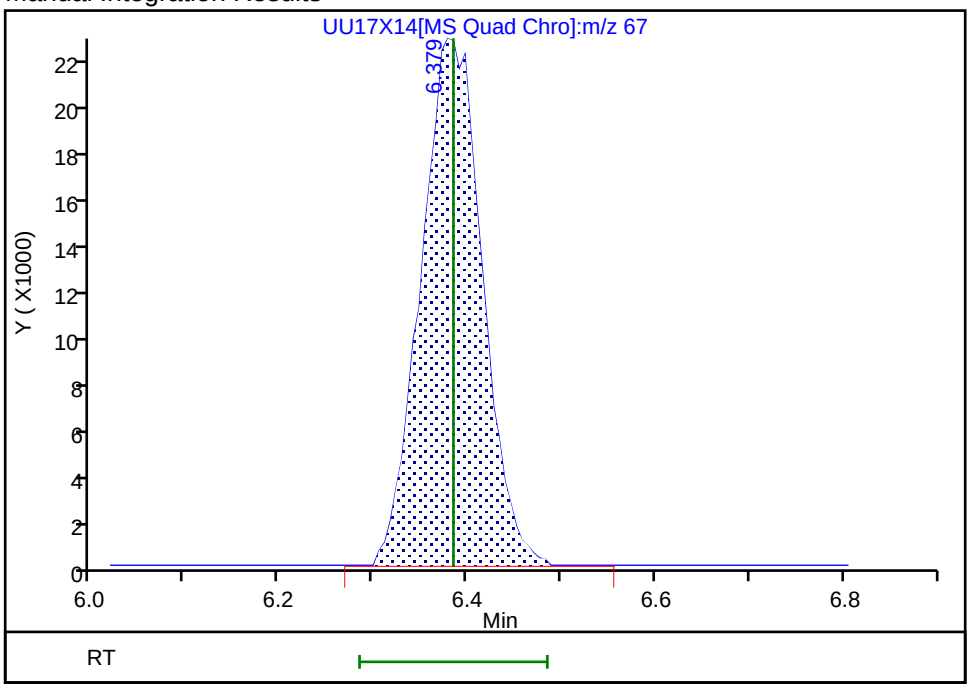
Not Detected
Expected RT: 6.38

Processing Integration Results



Manual Integration Results

RT: 6.38
Area: 102107
Amount: 25.982329
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:23:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

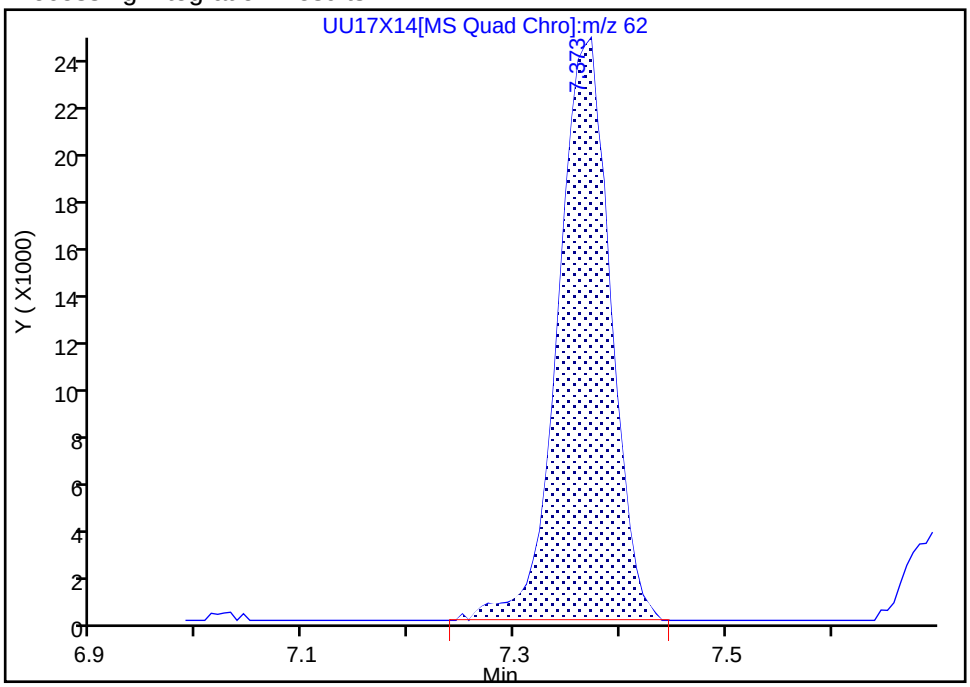
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D				
Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090		
Lims ID:	IC v10				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

61 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

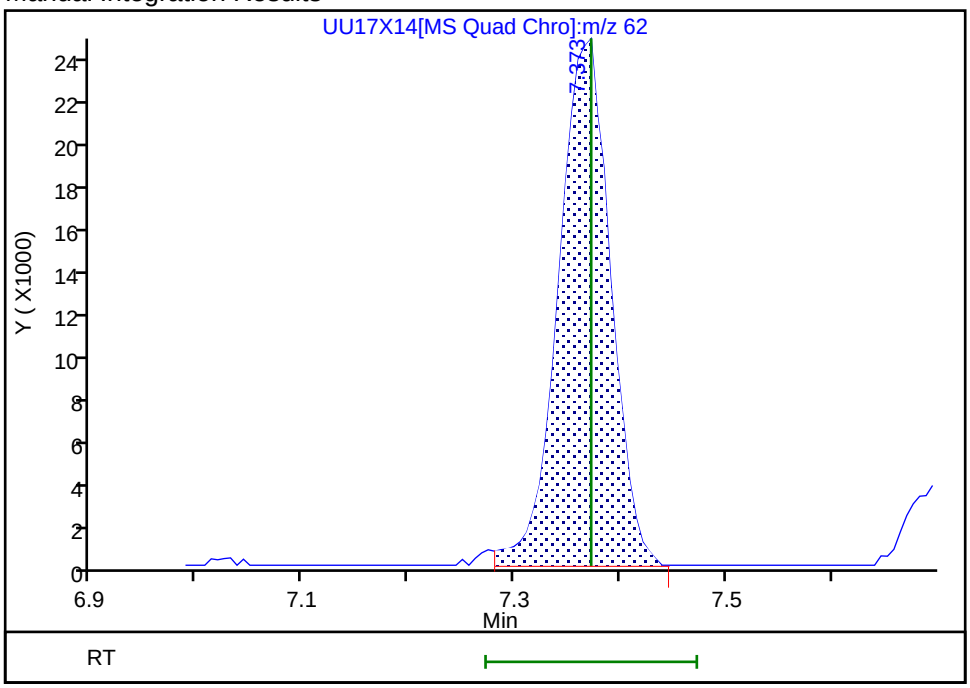
Processing Integration Results

RT: 7.37
Area: 84555
Amount: 10.626974
Amount Units: ug/l



Manual Integration Results

RT: 7.37
Area: 83859
Amount: 10.554888
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:04:31 -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

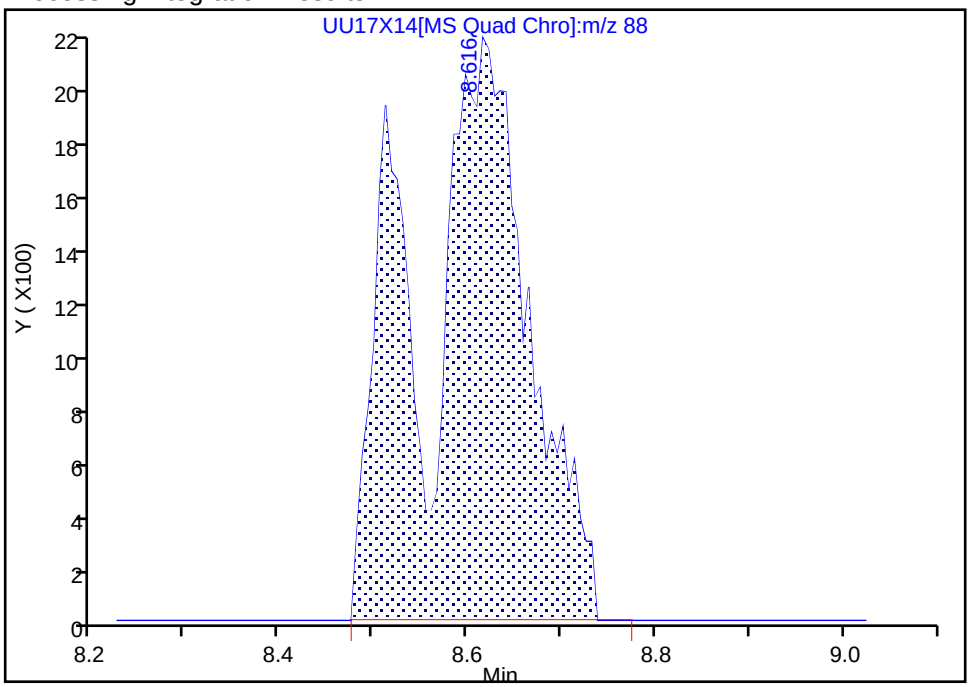
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X14.D				
Injection Date:	17-Jun-2025 19:41:06	Instrument ID:	23090		
Lims ID:	IC v10				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	14	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

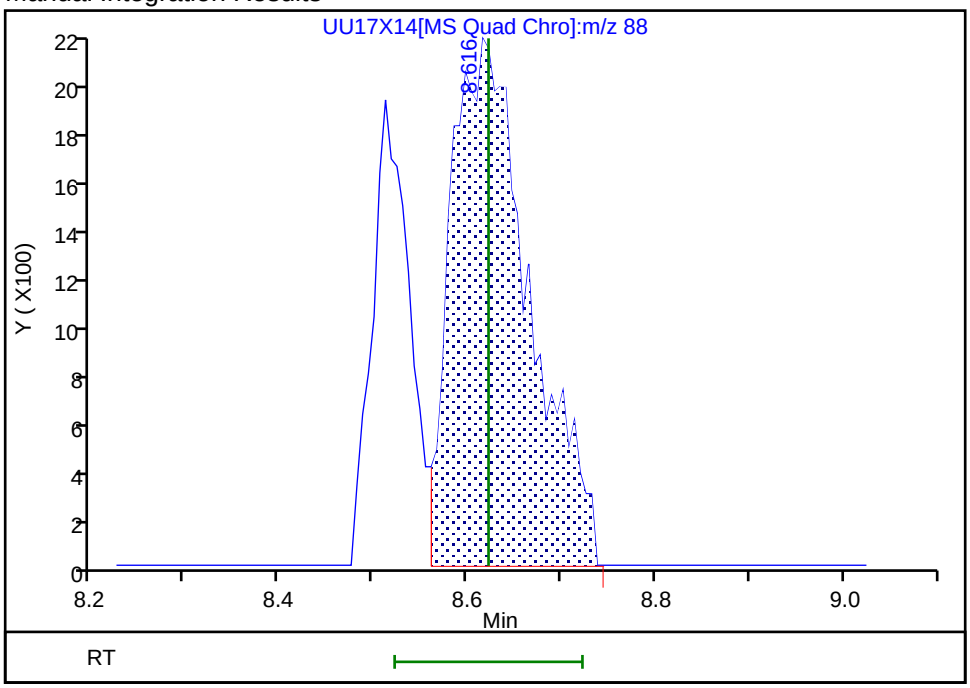
Processing Integration Results

RT: 8.62
Area: 17665
Amount: 201.9399
Amount Units: ug/l



Manual Integration Results

RT: 8.62
Area: 12515
Amount: 134.5789
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:05:29 -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\23090\20250617-150677.b\UU17X15.D
Lims ID: IC v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 17-Jun-2025 20:01:32 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v20
Misc. Info.: 410-0150677-015, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:49:22 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: UKEK Date: 18-Jun-2025 18:22:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.892	1.892	0.000	99	233791	20.0	10.6	
6 Chloromethane	50	2.099	2.099	0.000	99	233907	20.0	10.3	
8 Butadiene	39	2.203	2.203	0.000	92	235688	20.0	9.64	
7 Vinyl chloride	62	2.215	2.215	0.000	98	231714	20.0	10.2	
10 Bromomethane	94	2.568	2.568	0.000	90	172115	20.0	10.7	
11 Chloroethane	64	2.623	2.623	0.000	99	137689	20.0	10.5	
12 Dichlorofluoromethane	67	2.904	2.904	0.000	96	366832	20.0	10.4	
14 Pentane	43	2.940	2.940	0.000	96	226291	20.0	10.1	
13 Trichlorofluoromethane	101	2.959	2.959	0.000	97	273341	20.0	10.4	
16 Ethanol	45	3.154	3.154	0.000	95	97449	1000.0	490.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.276	3.276	0.000	92	179251	20.0	10.4	
18 Acrolein	56	3.337	3.337	0.000	99	496216	195.2	89.4	
19 1,1-Dichloroethene	96	3.483	3.483	0.000	98	133610	20.0	10.1	
21 Acetone	58	3.519	3.519	0.000	95	54258	40.0	20.2	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.526	3.526	0.000	93	159053	20.0	10.4	
23 Iodomethane	142	3.696	3.696	0.000	97	263300	20.0	10.2	
24 Isopropyl alcohol	45	3.769	3.769	0.000	95	139262	100.0	52.7	
25 Carbon disulfide	76	3.824	3.824	0.000	99	403451	20.0	10.2	
26 Methyl acetate	43	3.922	3.922	0.000	96	153751	20.0	9.41	
27 3-Chloro-1-propene	41	3.946	3.946	0.000	91	186067	20.0	10.2	
28 Methylene Chloride	84	4.153	4.153	0.000	89	153547	20.0	10.2	
* 29 t-Butyl alcohol-d10 (IS)	65	4.251	4.251	0.000	98	915425	250.0	250.0	
30 2-Methyl-2-propanol	59	4.367	4.367	0.000	98	205045	100.0	51.4	M
32 Acrylonitrile	53	4.489	4.489	0.000	100	218780	50.0	25.4	
34 trans-1,2-Dichloroethene	96	4.550	4.550	0.000	99	133800	20.0	10.3	
33 Methyl tert-butyl ether	73	4.562	4.562	0.000	94	431570	20.0	10.2	
36 Hexane	57	4.983	4.983	0.000	90	187336	20.0	10.4	
37 1,1-Dichloroethane	63	5.233	5.233	0.000	96	230800	20.0	10.2	
38 Isopropyl ether	45	5.294	5.294	0.000	93	381497	20.0	10.2	
39 2-Chloro-1,3-butadiene	53	5.342	5.342	0.000	90	205028	20.0	10.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.842	5.842	0.000	97	399074	20.0	10.2	
43 2-Butanone (MEK)	43	6.080	6.080	0.000	79	229818	40.0	19.7	
44 cis-1,2-Dichloroethene	96	6.086	6.086	0.000	80	161425	20.0	10.4	
45 2,2-Dichloropropane	77	6.104	6.104	0.000	87	209462	20.0	10.2	
S 42 1,2-Dichloroethene, Total	100				0			20.7	
46 Propionitrile	54	6.177	6.177	0.000	96	200503	100.0	47.9	
183 Methyl acrylate	55	6.202	6.202	0.000	99	200780	20.0	9.79	
47 Methacrylonitrile	67	6.391	6.391	0.000	92	211179	50.0	25.1	
48 Chlorobromomethane	128	6.427	6.427	0.000	92	75568	20.0	10.0	
49 Tetrahydrofuran	71	6.446	6.446	0.000	91	179738	100.0	45.2	
50 Chloroform	83	6.586	6.586	0.000	92	236178	20.0	10.2	
$ 51 Dibromofluoromethane (Surr)	113	6.799	6.799	0.000	94	569600	50.0	50.8	
52 1,1,1-Trichloroethane	97	6.805	6.805	0.000	98	211672	20.0	10.1	
53 Cyclohexane	56	6.897	6.897	0.000	87	258909	20.0	10.3	
56 Carbon tetrachloride	117	7.013	7.013	0.000	96	167583	20.0	10.1	
55 1,1-Dichloropropene	75	7.019	7.019	0.000	97	196205	20.0	10.2	
57 Isobutyl alcohol	41	7.232	7.232	0.000	93	144364	250.0	118.0	a
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	78	148664	50.0	50.2	
60 Benzene	78	7.287	7.287	0.000	94	575163	20.0	10.0	
61 1,2-Dichloroethane	62	7.366	7.366	0.000	98	174997	20.0	10.3	
62 Tert-amyl methyl ether	73	7.482	7.482	0.000	99	388524	20.0	10.1	
* 63 Fluorobenzene (IS)	96	7.695	7.695	0.000	99	2327528	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	92	166756	20.0	10.4	
66 n-Butanol	56	8.110	8.110	0.000	88	107893	250.0	124.7	
67 Trichloroethene	95	8.177	8.177	0.000	98	143729	20.0	10.1	
178 Ethyl acrylate	55	8.299	8.299	0.000	99	189706	20.0	9.76	
68 Methylcyclohexane	83	8.482	8.482	0.000	92	279604	20.0	10.2	
70 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	94	198773	20.0	10.2	
69 1,2-Dichloropropane	63	8.525	8.525	0.000	73	133022	20.0	10.2	
71 Methyl methacrylate	69	8.604	8.604	0.000	88	117250	20.0	10.2	
72 1,4-Dioxane	88	8.622	8.622	0.000	30	28804	250.0	128.4	M
73 Dibromomethane	93	8.628	8.628	0.000	97	87920	20.0	10.3	
75 Dichlorobromomethane	83	8.866	8.866	0.000	100	153106	20.0	10.2	
76 2-Nitropropane	41	9.153	9.153	0.000	98	232248	100.0	47.0	
78 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	90	84550	20.0	9.82	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	193870	20.0	10.5	
80 4-Methyl-2-pentanone (MIBK)	43	9.598	9.598	0.000	96	436692	40.0	20.7	
$ 81 Toluene-d8 (Surr)	98	9.732	9.732	0.000	93	2175262	50.0	49.7	
82 Toluene	92	9.805	9.805	0.000	98	343362	20.0	10.1	
S 104 1,3-Dichloropropene, Total	100				0			20.5	
105 trans-1,3-Dichloropropene	75	10.073	10.073	0.000	91	160782	20.0	9.96	
106 Ethyl methacrylate	69	10.134	10.134	0.000	88	198002	20.0	10.2	
107 1,1,2-Trichloroethane	97	10.280	10.280	0.000	90	112607	20.0	10.0	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	142474	20.0	9.99	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	191031	20.0	10.2	
110 2-Hexanone	43	10.500	10.500	0.000	95	289415	40.0	20.1	
111 Chlorodibromomethane	129	10.658	10.658	0.000	90	105960	20.0	9.82	
112 Ethylene Dibromide	107	10.774	10.774	0.000	98	118893	20.0	10.0	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	1590294	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	95	188788	20.0	10.0	
116 Chlorobenzene	112	11.237	11.237	0.000	96	370394	20.0	10.1	
S 113 Xylenes, Total	106				0			30.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	94	129961	20.0	10.3	
118 Ethylbenzene	91	11.323	11.323	0.000	98	682403	20.0	10.0	
119 m-Xylene & p-Xylene	106	11.445	11.445	0.000	100	542423	40.0	20.2	
272 n-Butyl acrylate	55	11.725	11.725	0.000	98	255886	20.0	10.0	
120 o-Xylene	106	11.780	11.780	0.000	95	281603	20.0	10.2	
121 Styrene	104	11.792	11.792	0.000	94	419375	20.0	10.2	
122 Bromoform	173	11.957	11.957	0.000	96	71966	20.0	9.98	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	668225	20.0	10.2	
124 Cyclohexanone	55	12.170	12.170	0.000	90	202052	500.0	244.3	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	88	782310	50.0	49.7	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	93	214269	20.0	10.3	
127 Bromobenzene	156	12.353	12.353	0.000	94	150376	20.0	10.2	
128 trans-1,4-Dichloro-2-butene	53	12.365	12.365	0.000	88	133929	50.0	25.7	
129 1,2,3-Trichloropropane	110	12.390	12.390	0.000	83	68204	20.0	10.3	
130 N-Propylbenzene	91	12.420	12.420	0.000	99	835631	20.0	10.3	
131 2-Chlorotoluene	126	12.499	12.499	0.000	97	166012	20.0	10.2	
132 1,3,5-Trimethylbenzene	105	12.560	12.560	0.000	95	607229	20.0	10.2	
133 4-Chlorotoluene	126	12.597	12.597	0.000	97	155617	20.0	10.2	
134 tert-Butylbenzene	134	12.810	12.810	0.000	92	119433	20.0	10.2	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	97	622629	20.0	10.4	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	775236	20.0	10.4	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	98	295510	20.0	10.1	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	672728	20.0	10.2	
* 140 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	95	855291	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.158	13.158	0.000	95	292268	20.0	10.2	
142 1,2,3-Trimethylbenzene	105	13.170	13.170	0.000	98	629138	20.0	10.2	
143 Benzyl chloride	91	13.237	13.237	0.000	98	364426	20.0	9.74	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	380929	20.0	10.4	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	405750	20.0	10.3	
146 n-Butylbenzene	92	13.389	13.389	0.000	98	326204	20.0	10.3	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	301975	20.0	10.3	
148 o-diethylbenzene	119	13.444	13.444	0.000	95	312125	20.0	10.2	
150 1,2-Dibromo-3-Chloropropane	75	13.981	13.981	0.000	85	59521	20.0	10.6	
151 1,3,5-Trichlorobenzene	180	14.115	14.115	0.000	97	216182	20.0	10.3	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	94	209719	20.0	10.5	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	80	187211	20.0	9.70	
153 Hexachlorobutadiene	225	14.639	14.639	0.000	96	73413	20.0	10.4	
154 Naphthalene	128	14.743	14.743	0.000	96	870116	20.0	10.8	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	211604	20.0	10.6	
156 2-Methylnaphthalene	142	15.523	15.523	0.000	92	437041	20.0	11.3	
S 165 Total Diethylbenzene	1				0			30.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00240	Amount Added:	4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	16.00	Units: uL	
MSV_CCV_VOC#3_00241	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00232	Amount Added:	4.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	16.00	Units: uL	
MSV_CCV_GASES_01063	Amount Added:	2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

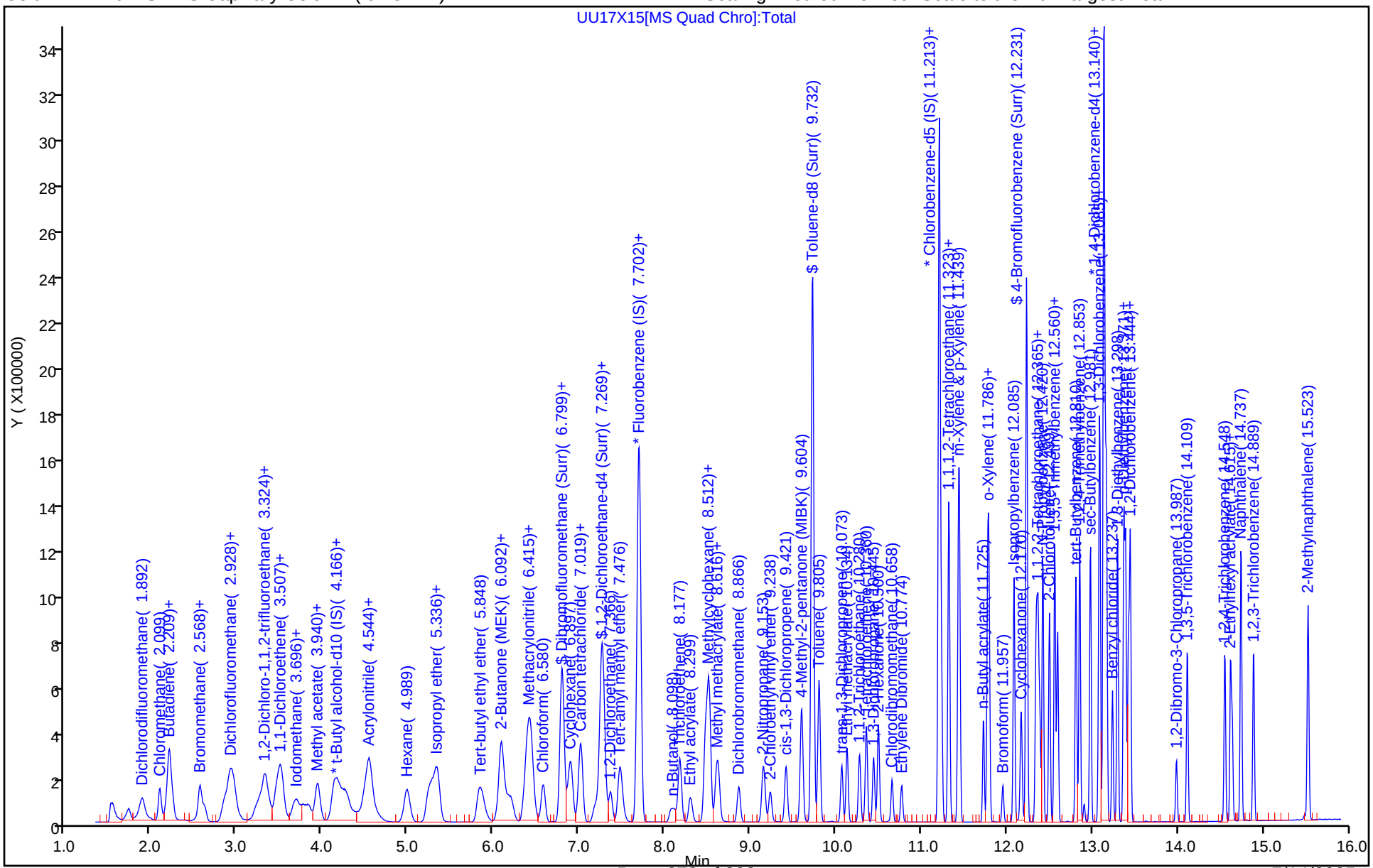
Report Date: 18-Jun-2025 19:49:23 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X15.D

Injection Date:	17-Jun-2025 20:01:32	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC v20			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	MSV_8260_5mL_HP34	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

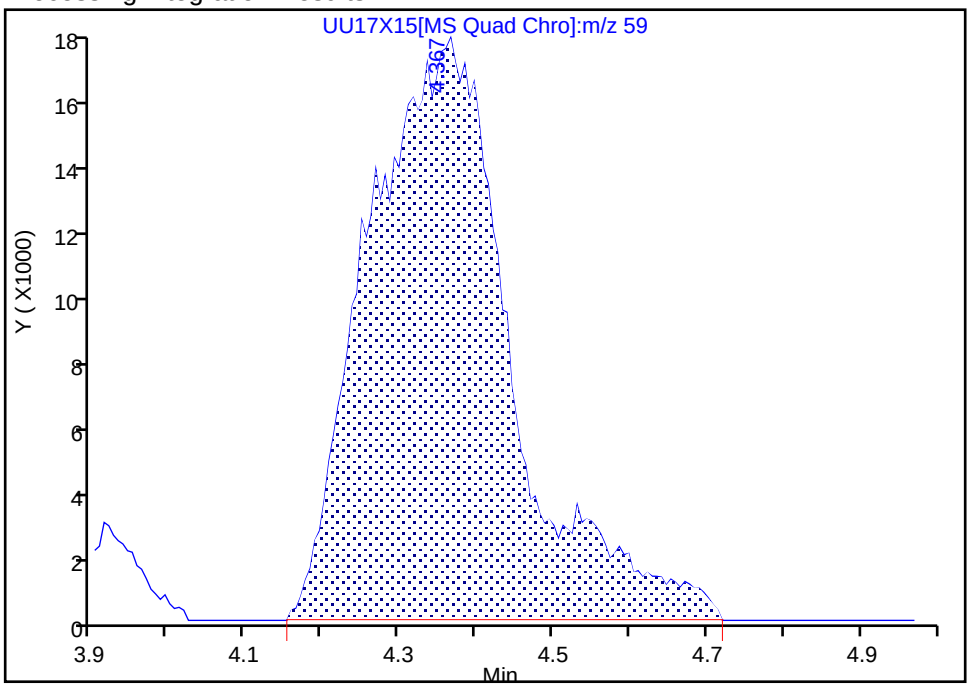
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X15.D				
Injection Date:	17-Jun-2025 20:01:32	Instrument ID:	23090		
Lims ID:	IC v20				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

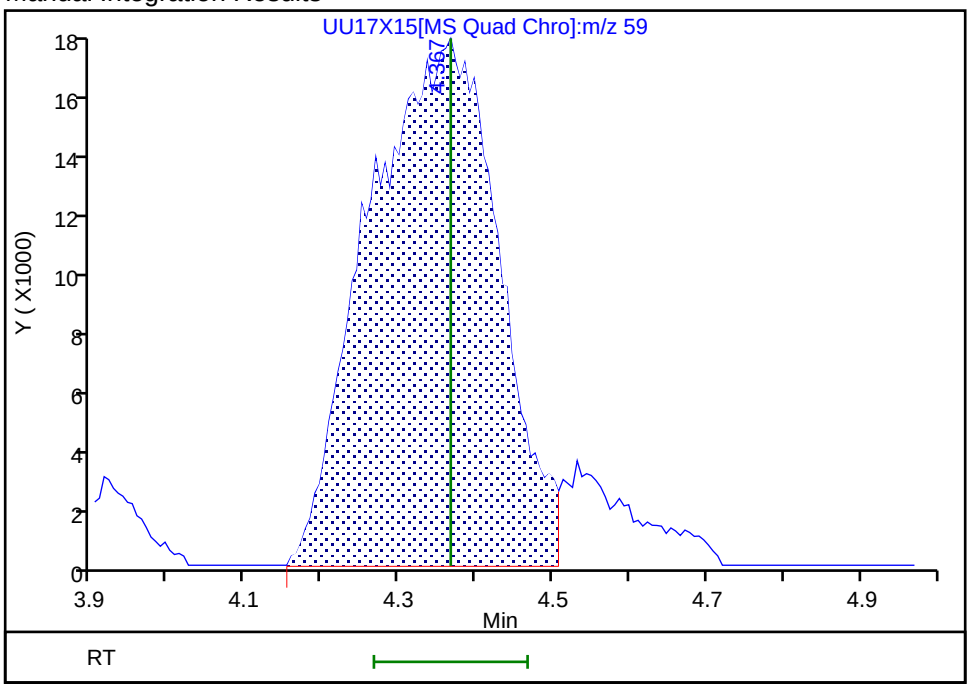
Processing Integration Results

RT: 4.37
Area: 226381
Amount: 53.033220
Amount Units: ug/l



Manual Integration Results

RT: 4.37
Area: 205045
Amount: 51.351227
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:21:54 -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

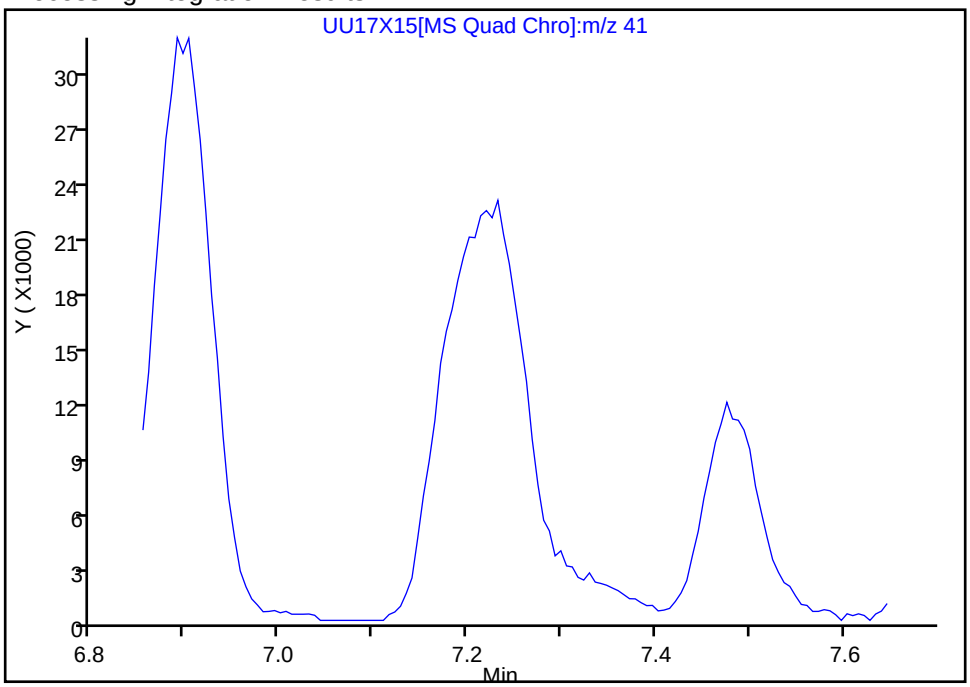
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X15.D				
Injection Date:	17-Jun-2025 20:01:32	Instrument ID:	23090		
Lims ID:	IC v20				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

57 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

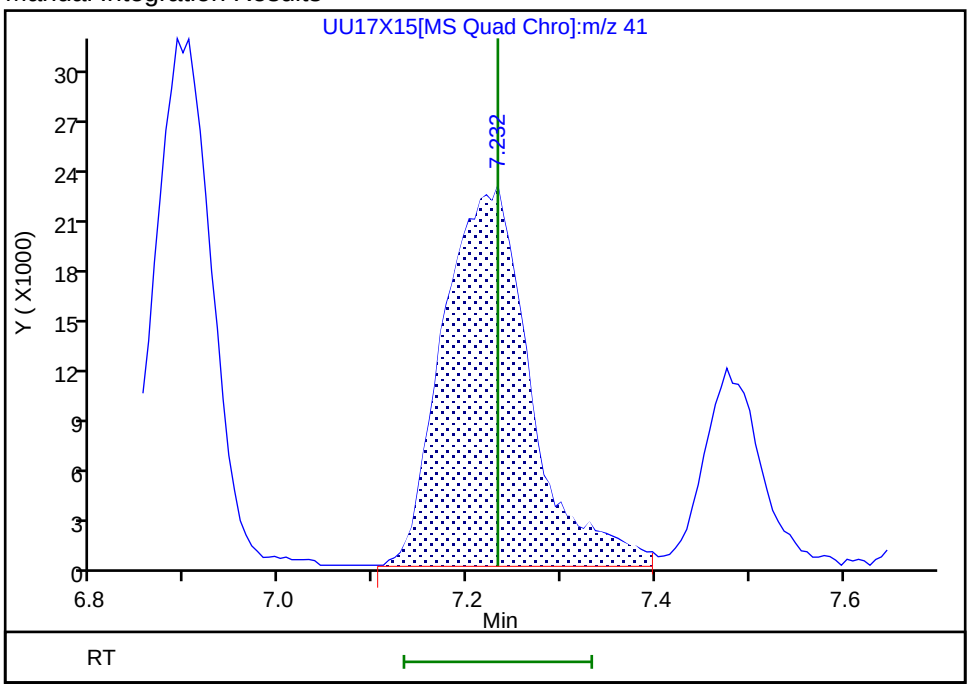
Not Detected
Expected RT: 7.23

Processing Integration Results



Manual Integration Results

RT: 7.23
Area: 144364
Amount: 117.9841
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:25:02 -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

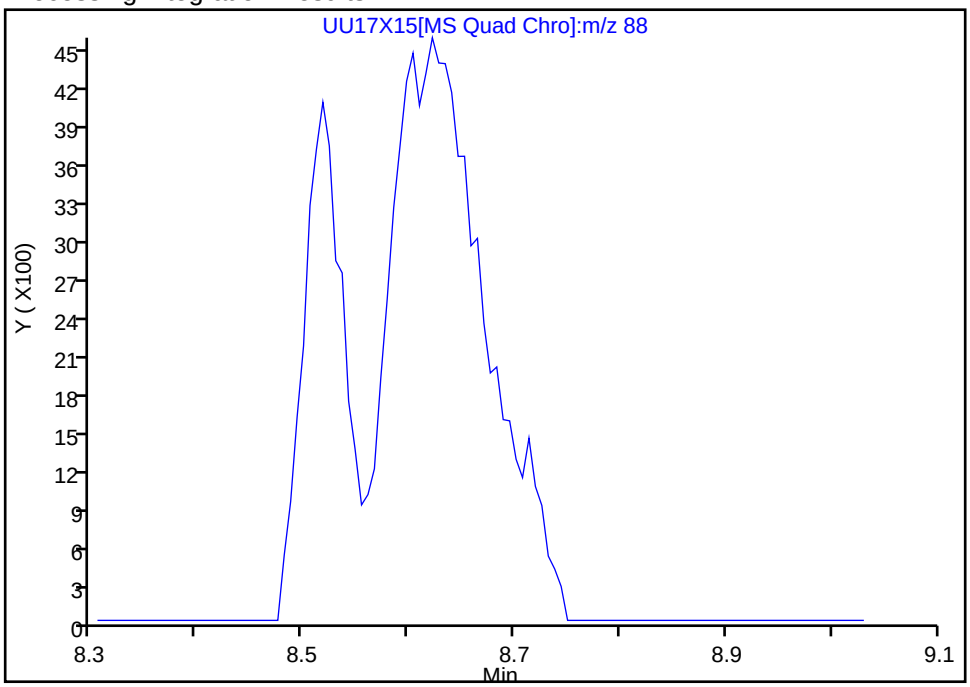
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X15.D
Injection Date: 17-Jun-2025 20:01:32 Instrument ID: 23090
Lims ID: IC v20
Client ID:
Operator ID: jml01693 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

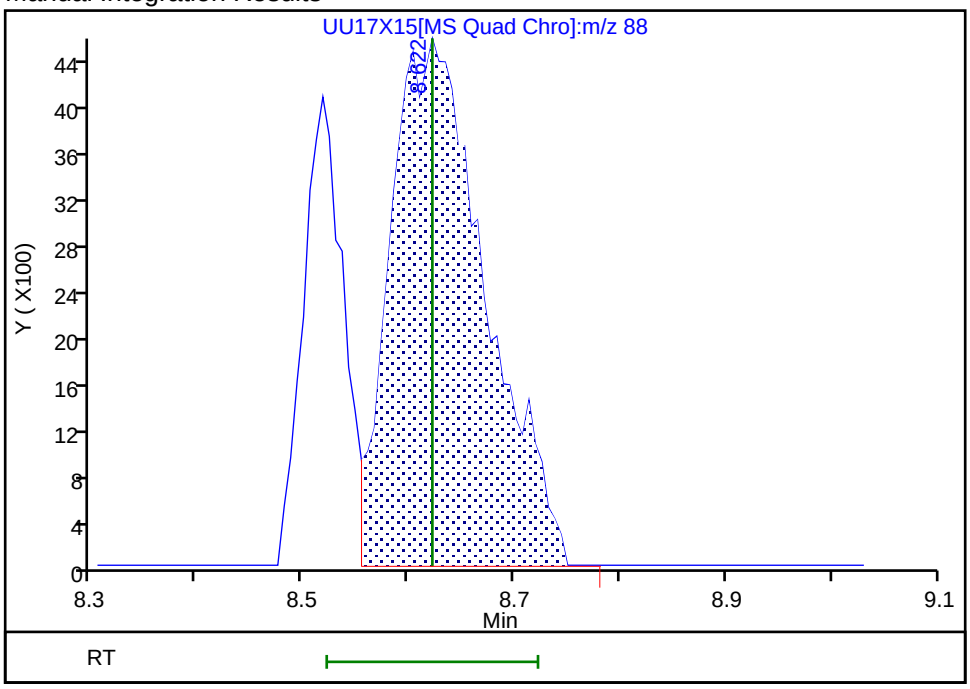
Not Detected
Expected RT: 8.62

Processing Integration Results



Manual Integration Results

RT: 8.62
Area: 28804
Amount: 128.4209
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:25:16 -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\23090\20250617-150677.b\UU17X16.D
Lims ID: ICIS v50
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 17-Jun-2025 20:22:00 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICIS v50
Misc. Info.: 410-0150677-016, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:49:27 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: UKEK Date: 18-Jun-2025 19:15:56

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.892	1.892	0.000	99	529761	50.0	49.7	
6 Chloromethane	50	2.099	2.099	0.000	99	519443	50.0	47.5	
8 Butadiene	39	2.197	2.197	0.000	90	517989	50.0	43.8	
7 Vinyl chloride	62	2.215	2.215	0.000	98	527832	50.0	47.9	
10 Bromomethane	94	2.562	2.562	0.000	90	383563	50.0	49.3	
11 Chloroethane	64	2.617	2.617	0.000	100	303346	50.0	48.0	
12 Dichlorofluoromethane	67	2.898	2.898	0.000	96	819986	50.0	47.9	
14 Pentane	43	2.934	2.934	0.000	96	510813	50.0	46.9	
13 Trichlorofluoromethane	101	2.953	2.953	0.000	96	626102	50.0	49.1	
16 Ethanol	45	3.166	3.166	0.000	94	120869	1250.0	1314.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.276	3.276	0.000	92	397395	50.0	47.7	
18 Acrolein	56	3.331	3.331	0.000	100	1183029	487.9	460.1	
19 1,1-Dichloroethene	96	3.483	3.483	0.000	98	306505	50.0	47.8	
21 Acetone	58	3.520	3.520	0.000	80	124507	100.0	100.1	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.526	3.526	0.000	93	372107	50.0	50.3	
23 Iodomethane	142	3.690	3.690	0.000	97	607434	50.0	48.6	
24 Isopropyl alcohol	45	3.770	3.770	0.000	93	309301	250.0	253.0	
25 Carbon disulfide	76	3.818	3.818	0.000	99	987934	50.0	51.6	
26 Methyl acetate	43	3.922	3.922	0.000	89	374943	50.0	47.4	
27 3-Chloro-1-propene	41	3.940	3.940	0.000	92	430511	50.0	48.6	
28 Methylene Chloride	84	4.154	4.154	0.000	88	351869	50.0	48.2	
* 29 t-Butyl alcohol-d10 (IS)	65	4.233	4.233	0.000	98	423841	250.0	250.0	
30 2-Methyl-2-propanol	59	4.367	4.367	0.000	100	470391	250.0	254.4	
32 Acrylonitrile	53	4.495	4.495	0.000	99	521223	125.0	125.3	
34 trans-1,2-Dichloroethene	96	4.544	4.544	0.000	100	308713	50.0	49.1	
33 Methyl tert-butyl ether	73	4.568	4.568	0.000	94	995928	50.0	48.7	
36 Hexane	57	4.989	4.989	0.000	90	444801	50.0	51.0	
37 1,1-Dichloroethane	63	5.239	5.239	0.000	96	533703	50.0	48.6	
38 Isopropyl ether	45	5.300	5.300	0.000	94	880690	50.0	48.8	
39 2-Chloro-1,3-butadiene	53	5.342	5.342	0.000	90	476568	50.0	49.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.842	5.842	0.000	97	934476	50.0	49.5	
43 2-Butanone (MEK)	43	6.086	6.086	0.000	97	543625	100.0	96.2	
44 cis-1,2-Dichloroethene	96	6.092	6.092	0.000	81	365988	50.0	48.9	
45 2,2-Dichloropropane	77	6.104	6.104	0.000	86	499791	50.0	50.2	
46 Propionitrile	54	6.184	6.184	0.000	98	470419	250.0	242.6	
183 Methyl acrylate	55	6.196	6.196	0.000	100	497096	50.0	50.1	
47 Methacrylonitrile	67	6.385	6.385	0.000	94	502362	125.0	123.5	
48 Chlorobromomethane	128	6.428	6.428	0.000	92	177152	50.0	48.6	
49 Tetrahydrofuran	71	6.440	6.440	0.000	90	427638	250.0	232.4	
50 Chloroform	83	6.580	6.580	0.000	92	543553	50.0	48.6	
$ 51 Dibromofluoromethane (Surr)	113	6.799	6.799	0.000	93	269378	50.0	49.6	
52 1,1,1-Trichloroethane	97	6.806	6.806	0.000	98	501345	50.0	49.3	
53 Cyclohexane	56	6.903	6.903	0.000	87	608653	50.0	50.0	
56 Carbon tetrachloride	117	7.013	7.013	0.000	95	409240	50.0	51.0	
55 1,1-Dichloropropene	75	7.019	7.019	0.000	97	461648	50.0	49.8	
57 Isobutyl alcohol	41	7.226	7.226	0.000	95	347746	625.0	613.8	
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	86	70942	50.0	49.6	
60 Benzene	78	7.287	7.287	0.000	96	1343276	50.0	48.4	
61 1,2-Dichloroethane	62	7.372	7.372	0.000	98	396516	50.0	48.2	M
62 Tert-amyl methyl ether	73	7.476	7.476	0.000	99	910321	50.0	49.1	
* 63 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	1125904	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	89	392864	50.0	50.5	
66 n-Butanol	56	8.104	8.104	0.000	87	275129	625.0	686.7	
67 Trichloroethene	95	8.177	8.177	0.000	98	337266	50.0	49.2	
178 Ethyl acrylate	55	8.299	8.299	0.000	99	478789	50.0	50.9	
68 Methylcyclohexane	83	8.482	8.482	0.000	88	671330	50.0	50.8	
70 2-ethoxy-2-methyl butane	87	8.519	8.519	0.000	94	470654	50.0	49.9	
69 1,2-Dichloropropane	63	8.519	8.519	0.000	74	312618	50.0	49.6	
71 Methyl methacrylate	69	8.604	8.604	0.000	89	278652	50.0	50.2	
72 1,4-Dioxane	88	8.622	8.622	0.000	35	65814	625.0	633.8	
73 Dibromomethane	93	8.628	8.628	0.000	97	206796	50.0	50.1	
75 Dichlorobromomethane	83	8.866	8.866	0.000	100	369612	50.0	50.7	
76 2-Nitropropane	41	9.153	9.153	0.000	98	588505	250.0	257.2	
78 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	91	222390	50.0	53.4	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	473837	50.0	53.0	
80 4-Methyl-2-pentanone (MIBK)	43	9.604	9.604	0.000	95	1035341	100.0	101.2	
$ 81 Toluene-d8 (Surr)	98	9.732	9.732	0.000	93	1050211	50.0	50.2	
82 Toluene	92	9.805	9.805	0.000	98	801880	50.0	49.3	
105 trans-1,3-Dichloropropene	75	10.073	10.073	0.000	91	397896	50.0	51.6	
106 Ethyl methacrylate	69	10.134	10.134	0.000	88	480640	50.0	51.7	
107 1,1,2-Trichloroethane	97	10.280	10.280	0.000	90	267323	50.0	49.7	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	339732	50.0	49.9	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	445043	50.0	49.5	
110 2-Hexanone	43	10.500	10.500	0.000	94	693075	100.0	100.8	
111 Chlorodibromomethane	129	10.658	10.658	0.000	90	271232	50.0	52.6	
112 Ethylene Dibromide	107	10.774	10.774	0.000	98	280667	50.0	49.5	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	759754	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	95	433707	50.0	48.3	
116 Chlorobenzene	112	11.238	11.238	0.000	95	859212	50.0	48.9	
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	96	318993	50.0	52.8	
118 Ethylbenzene	91	11.323	11.323	0.000	98	1611706	50.0	49.6	
119 m-Xylene & p-Xylene	106	11.445	11.445	0.000	100	1274122	100.0	99.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
272 n-Butyl acrylate	55	11.725	11.725	0.000	97	645315	50.0	52.9	
120 o-Xylene	106	11.780	11.780	0.000	96	662579	50.0	50.4	
121 Styrene	104	11.792	11.792	0.000	94	976100	50.0	49.8	
122 Bromoform	173	11.957	11.957	0.000	97	186334	50.0	54.1	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	1601460	50.0	51.3	
124 Cyclohexanone	55	12.170	12.170	0.000	90	244658	625.0	638.9	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	88	371792	50.0	49.5	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	94	505844	50.0	51.7	
127 Bromobenzene	156	12.353	12.353	0.000	97	346936	50.0	49.8	
128 trans-1,4-Dichloro-2-butene	53	12.365	12.365	0.000	92	324896	125.0	132.4	
129 1,2,3-Trichloropropane	110	12.390	12.390	0.000	83	161179	50.0	51.5	
130 N-Propylbenzene	91	12.420	12.420	0.000	99	1971536	50.0	51.7	
131 2-Chlorotoluene	126	12.500	12.500	0.000	97	389185	50.0	50.9	
132 1,3,5-Trimethylbenzene	105	12.560	12.560	0.000	94	1458085	50.0	52.2	
133 4-Chlorotoluene	126	12.597	12.597	0.000	97	362306	50.0	50.2	
134 tert-Butylbenzene	134	12.810	12.810	0.000	92	293654	50.0	53.3	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	97	1467620	50.0	52.0	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	1883821	50.0	53.5	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	98	687021	50.0	50.0	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	1644666	50.0	53.0	
* 140 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	94	402819	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.158	13.158	0.000	95	676942	50.0	49.9	
142 1,2,3-Trimethylbenzene	105	13.170	13.170	0.000	98	1496775	50.0	51.7	
143 Benzyl chloride	91	13.237	13.237	0.000	98	950816	50.0	54.0	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	902020	50.0	52.1	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	968151	50.0	52.2	
146 n-Butylbenzene	92	13.390	13.390	0.000	96	777988	50.0	52.2	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	695922	50.0	50.2	
148 o-diethylbenzene	119	13.444	13.444	0.000	95	755907	50.0	52.6	
150 1,2-Dibromo-3-Chloropropane	75	13.981	13.981	0.000	88	150426	50.0	56.6	
151 1,3,5-Trichlorobenzene	180	14.115	14.115	0.000	98	514564	50.0	51.9	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	95	490832	50.0	52.0	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	79	510313	50.0	56.1	
153 Hexachlorobutadiene	225	14.639	14.639	0.000	96	179219	50.0	53.9	
154 Naphthalene	128	14.743	14.743	0.000	97	2052520	50.0	54.3	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	496502	50.0	52.8	
156 2-Methylnaphthalene	142	15.523	15.523	0.000	92	1049987	50.0	57.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00240	Amount Added:	5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	10.00	Units: uL	
MSV_CCV_VOC#3_00241	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00232	Amount Added:	5.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	10.00	Units: uL	
MSV_CCV_GASES_01063	Amount Added:	2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

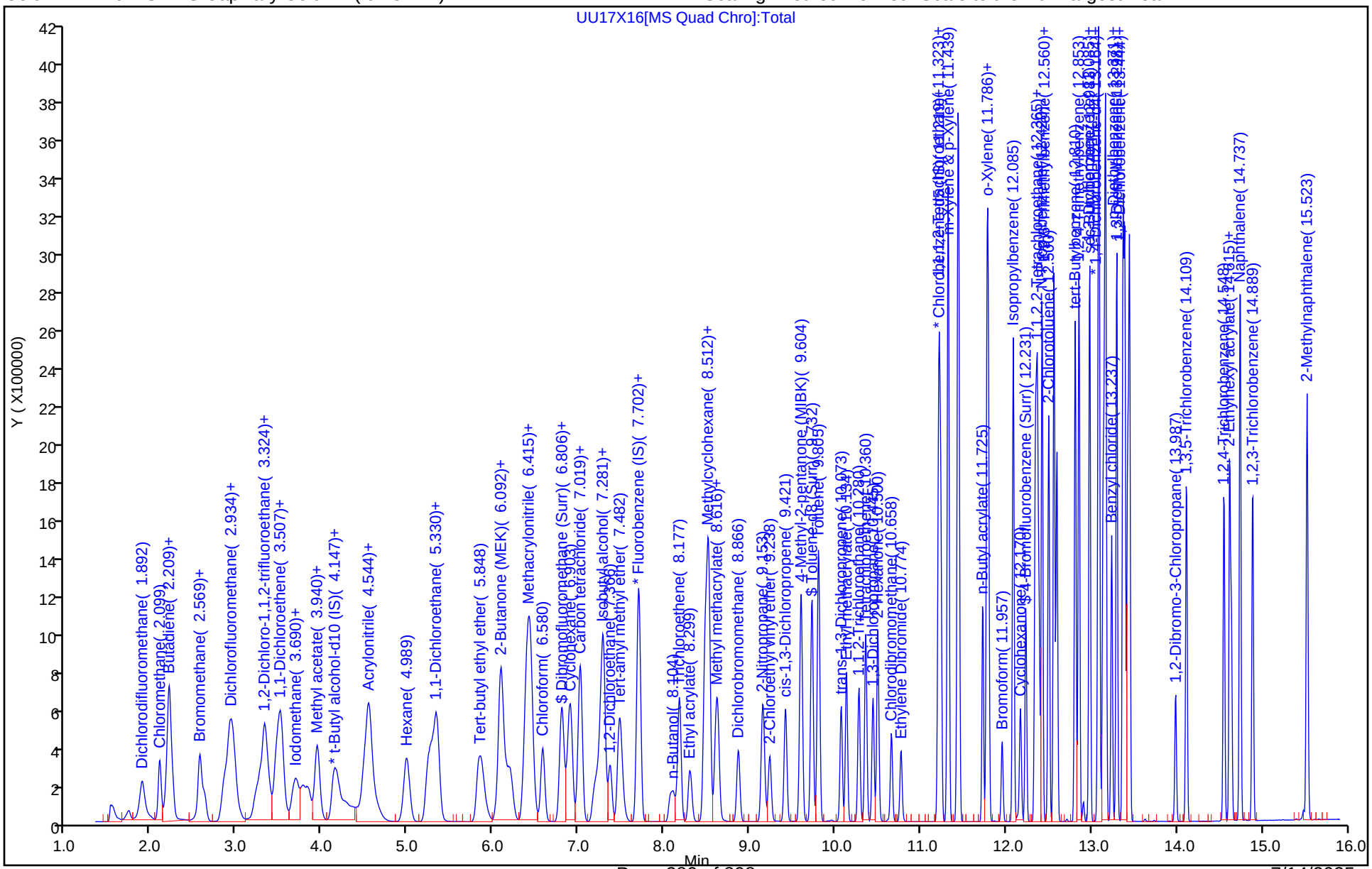
Report Date: 18-Jun-2025 19:49:28 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X16.D

Injection Date:	17-Jun-2025 20:22:00	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	ICIS v50			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	MSV_8260_5mL_HP34	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

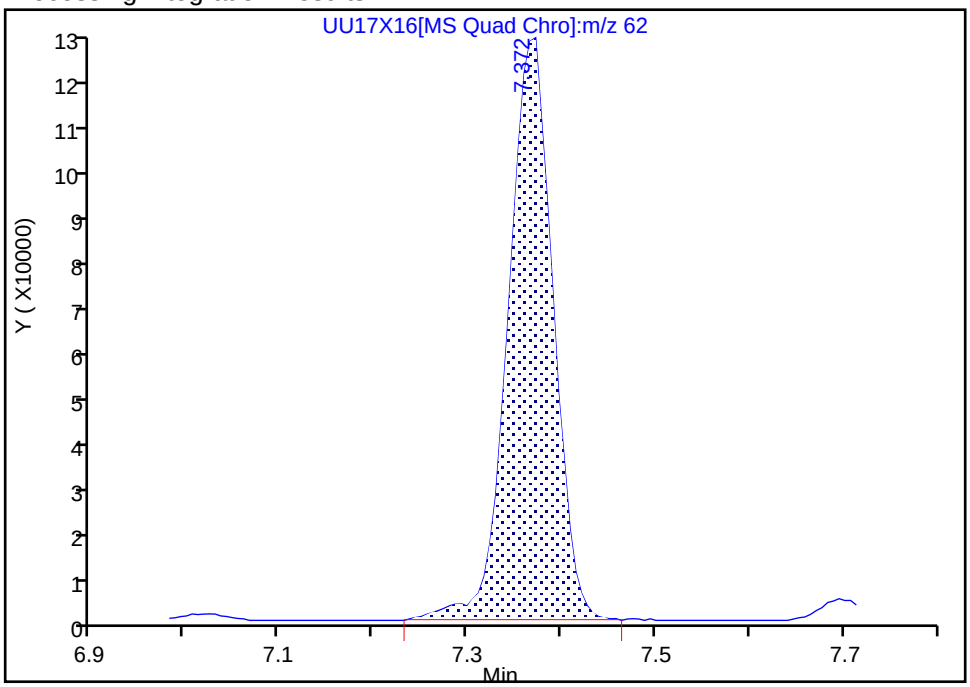
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X16.D
Injection Date: 17-Jun-2025 20:22:00 Instrument ID: 23090
Lims ID: ICIS v50
Client ID:
Operator ID: jml01693 ALS Bottle#: 16 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

61 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

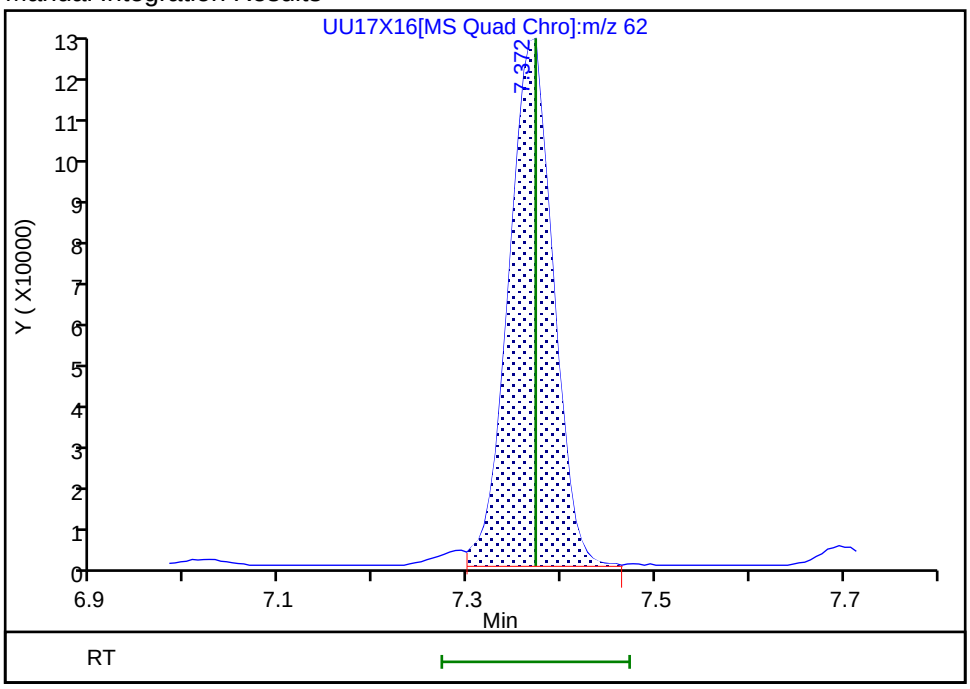
Processing Integration Results

RT: 7.37
Area: 403492
Amount: 48.859374
Amount Units: ug/l



Manual Integration Results

RT: 7.37
Area: 396516
Amount: 48.220522
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:04:11 -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\23090\20250617-150677.b\UU17X17.D
Lims ID: IC v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 17-Jun-2025 20:42:31 ALS Bottle#: 17 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v100
Misc. Info.: 410-0150677-017, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:49:36 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: UKEK Date: 18-Jun-2025 18:49:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.898	1.892	0.006	99	1096413	100.0	97.4	
6 Chloromethane	50	2.105	2.099	0.006	99	1103199	100.0	95.6	
8 Butadiene	39	2.209	2.197	0.012	92	1074672	100.0	86.1	
7 Vinyl chloride	62	2.221	2.215	0.006	98	1075184	100.0	92.4	
10 Bromomethane	94	2.568	2.562	0.006	90	788837	100.0	96.0	
11 Chloroethane	64	2.623	2.617	0.006	99	636119	100.0	95.3	
12 Dichlorofluoromethane	67	2.904	2.898	0.006	97	1683913	100.0	93.3	
14 Pentane	43	2.952	2.934	0.018	97	1100538	100.0	95.8	
13 Trichlorofluoromethane	101	2.959	2.953	0.006	99	1299550	100.0	96.6	
16 Ethanol	45	3.154	3.166	-0.012	98	228554	2500.0	2475.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.282	3.276	0.006	91	836818	100.0	95.1	
18 Acrolein	56	3.337	3.331	0.006	100	2479081	975.8	960.3	
19 1,1-Dichloroethene	96	3.501	3.483	0.018	97	655577	100.0	96.8	
21 Acetone	58	3.519	3.520	-0.001	84	262657	200.0	210.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.526	3.526	0.000	93	778614	100.0	99.7	
23 Iodomethane	142	3.696	3.690	0.006	98	1279142	100.0	97.0	
24 Isopropyl alcohol	45	3.763	3.770	-0.007	96	587575	500.0	478.7	
25 Carbon disulfide	76	3.836	3.818	0.018	99	2159742	100.0	106.9	
26 Methyl acetate	43	3.928	3.922	0.006	96	776907	100.0	93.1	
27 3-Chloro-1-propene	41	3.952	3.940	0.012	92	944911	100.0	101.1	
28 Methylene Chloride	84	4.160	4.154	0.006	88	747735	100.0	97.1	
* 29 t-Butyl alcohol-d10 (IS)	65	4.263	4.233	0.030	96	425553	250.0	250.0	
30 2-Methyl-2-propanol	59	4.361	4.367	-0.006	99	917487	500.0	494.3	M
32 Acrylonitrile	53	4.501	4.495	0.006	99	1082431	250.0	246.5	
34 trans-1,2-Dichloroethene	96	4.556	4.544	0.012	99	669432	100.0	101.0	
33 Methyl tert-butyl ether	73	4.568	4.568	0.000	93	2094284	100.0	97.1	
36 Hexane	57	4.989	4.989	0.000	93	938718	100.0	101.9	
37 1,1-Dichloroethane	63	5.239	5.239	0.000	96	1154131	100.0	99.5	
38 Isopropyl ether	45	5.306	5.300	0.006	94	1896176	100.0	99.5	
39 2-Chloro-1,3-butadiene	53	5.348	5.342	0.006	89	1021734	100.0	101.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.854	5.842	0.012	97	2000717	100.0	100.5	
43 2-Butanone (MEK)	43	6.086	6.086	0.000	99	1139702	200.0	191.0	
44 cis-1,2-Dichloroethene	96	6.086	6.092	-0.006	81	780994	100.0	98.9	
45 2,2-Dichloropropane	77	6.116	6.104	0.012	87	1072915	100.0	102.2	
S 42 1,2-Dichloroethene, Total	100				0			199.8	
46 Propionitrile	54	6.184	6.184	0.000	97	966056	500.0	496.1	
183 Methyl acrylate	55	6.208	6.196	0.012	100	1065777	100.0	101.8	
47 Methacrylonitrile	67	6.391	6.385	0.006	95	1074838	250.0	250.3	
48 Chlorobromomethane	128	6.427	6.428	-0.001	92	378140	100.0	98.2	
49 Tetrahydrofuran	71	6.446	6.440	0.006	87	901925	500.0	488.2	
50 Chloroform	83	6.580	6.580	0.000	92	1168017	100.0	99.0	
$ 51 Dibromofluoromethane (Surr)	113	6.805	6.799	0.006	92	285281	50.0	49.8	
52 1,1,1-Trichloroethane	97	6.811	6.806	0.005	98	1073812	100.0	100.1	
53 Cyclohexane	56	6.903	6.903	0.000	87	1294169	100.0	100.7	
56 Carbon tetrachloride	117	7.019	7.013	0.006	96	902150	100.0	106.5	
55 1,1-Dichloropropene	75	7.025	7.019	0.006	98	994304	100.0	101.7	
57 Isobutyl alcohol	41	7.220	7.226	-0.006	94	711347	1250.0	1250.6	
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.263	0.006	77	75892	50.0	50.2	
60 Benzene	78	7.293	7.287	0.006	95	2887367	100.0	98.6	
61 1,2-Dichloroethane	62	7.372	7.372	0.000	98	856411	100.0	98.7	M
62 Tert-amyl methyl ether	73	7.482	7.476	0.006	98	1953309	100.0	99.8	
* 63 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	1188510	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	89	834325	100.0	101.6	
66 n-Butanol	56	8.098	8.104	-0.006	87	555524	1250.0	1381.0	
67 Trichloroethene	95	8.183	8.177	0.006	98	734443	100.0	101.5	
178 Ethyl acrylate	55	8.305	8.299	0.006	99	1054277	100.0	106.2	
68 Methylcyclohexane	83	8.482	8.482	0.000	93	1435629	100.0	103.0	
70 2-ethoxy-2-methyl butane	87	8.525	8.519	0.006	94	1027954	100.0	103.2	
69 1,2-Dichloropropane	63	8.525	8.519	0.006	74	683259	100.0	102.7	
71 Methyl methacrylate	69	8.610	8.604	0.006	88	611466	100.0	104.4	
72 1,4-Dioxane	88	8.610	8.622	-0.012	32	125893	1250.0	1207.4	
73 Dibromomethane	93	8.634	8.628	0.006	97	443198	100.0	101.7	
75 Dichlorobromomethane	83	8.872	8.866	0.006	99	828048	100.0	107.5	
76 2-Nitropropane	41	9.159	9.153	0.006	97	1304047	500.0	567.7	
78 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	91	456895	100.0	104.0	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	1067324	100.0	113.2	
80 4-Methyl-2-pentanone (MIBK)	43	9.604	9.604	0.000	95	2175475	200.0	201.5	
$ 81 Toluene-d8 (Surr)	98	9.732	9.732	0.000	92	1134116	50.0	50.4	
82 Toluene	92	9.811	9.805	0.006	98	1757856	100.0	100.4	
S 104 1,3-Dichloropropene, Total	100				0			223.1	
105 trans-1,3-Dichloropropene	75	10.073	10.073	0.000	91	913030	100.0	110.0	
106 Ethyl methacrylate	69	10.134	10.134	0.000	88	1032560	100.0	103.1	
107 1,1,2-Trichloroethane	97	10.280	10.280	0.000	90	579110	100.0	100.0	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	732844	100.0	99.9	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	982531	100.0	101.6	
110 2-Hexanone	43	10.500	10.500	0.000	97	1443775	200.0	195.0	
111 Chlorodibromomethane	129	10.658	10.658	0.000	90	620573	100.0	111.8	
112 Ethylene Dibromide	107	10.774	10.774	0.000	98	611432	100.0	100.2	
* 114 Chlorobenzene-d5 (IS)	117	11.213	11.207	0.006	85	818042	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	95	939689	100.0	97.2	
116 Chlorobenzene	112	11.237	11.238	-0.001	98	1892280	100.0	100.1	
S 113 Xylenes, Total	106				0			299.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	96	698359	100.0	107.4	
118 Ethylbenzene	91	11.329	11.323	0.006	98	3490619	100.0	99.8	
119 m-Xylene & p-Xylene	106	11.445	11.445	0.000	100	2751230	200.0	199.1	
272 n-Butyl acrylate	55	11.731	11.725	0.006	97	1379392	100.0	105.0	
120 o-Xylene	106	11.780	11.780	0.000	96	1422316	100.0	100.5	
121 Styrene	104	11.792	11.792	0.000	95	2112816	100.0	100.1	
122 Bromoform	173	11.957	11.957	0.000	97	429473	100.0	115.8	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	3437849	100.0	102.3	
124 Cyclohexanone	55	12.170	12.170	0.000	90	475430	1250.0	1236.5	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	88	390958	50.0	48.3	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	94	1059683	100.0	103.8	
127 Bromobenzene	156	12.353	12.353	0.000	97	744949	100.0	102.5	
128 trans-1,4-Dichloro-2-butene	53	12.365	12.365	0.000	92	691980	250.0	270.5	
129 1,2,3-Trichloropropane	110	12.390	12.390	0.000	83	335870	100.0	102.8	
130 N-Propylbenzene	91	12.420	12.420	0.000	99	4222209	100.0	106.1	
131 2-Chlorotoluene	126	12.499	12.500	-0.001	97	830441	100.0	104.2	
132 1,3,5-Trimethylbenzene	105	12.560	12.560	0.000	94	3166376	100.0	108.7	
133 4-Chlorotoluene	126	12.597	12.597	0.000	97	774140	100.0	102.9	
134 tert-Butylbenzene	134	12.810	12.810	0.000	92	644255	100.0	112.0	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	97	3156416	100.0	107.2	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	4083627	100.0	111.2	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	98	1454999	100.0	101.6	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	3540515	100.0	109.5	
* 140 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	94	420102	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.158	13.158	0.000	95	1438630	100.0	101.8	
142 1,2,3-Trimethylbenzene	105	13.170	13.170	0.000	98	3208577	100.0	106.3	
143 Benzyl chloride	91	13.237	13.237	0.000	98	2099239	100.0	114.2	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	1935363	100.0	107.2	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	2044243	100.0	105.6	
146 n-Butylbenzene	92	13.389	13.390	-0.001	96	1648341	100.0	106.0	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	1471165	100.0	101.7	
148 o-diethylbenzene	119	13.444	13.444	0.000	95	1633675	100.0	109.1	
150 1,2-Dibromo-3-Chloropropane	75	13.987	13.981	0.006	87	314180	100.0	113.4	
151 1,3,5-Trichlorobenzene	180	14.115	14.115	0.000	98	1078905	100.0	104.4	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	94	1030238	100.0	104.6	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	79	1056488	99.9	111.4	
153 Hexachlorobutadiene	225	14.639	14.639	0.000	96	377139	100.0	108.7	
154 Naphthalene	128	14.743	14.743	0.000	96	4170717	100.0	105.8	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	1028030	100.0	104.9	
156 2-Methylnaphthalene	142	15.523	15.523	0.000	92	2165702	100.0	113.7	
S 165 Total Diethylbenzene	1				0			321.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00240	Amount Added:	5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	10.00	Units: uL	
MSV_CCV_VOC#3_00241	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00232	Amount Added:	5.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	10.00	Units: uL	
MSV_CCV_GASES_01063	Amount Added:	2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

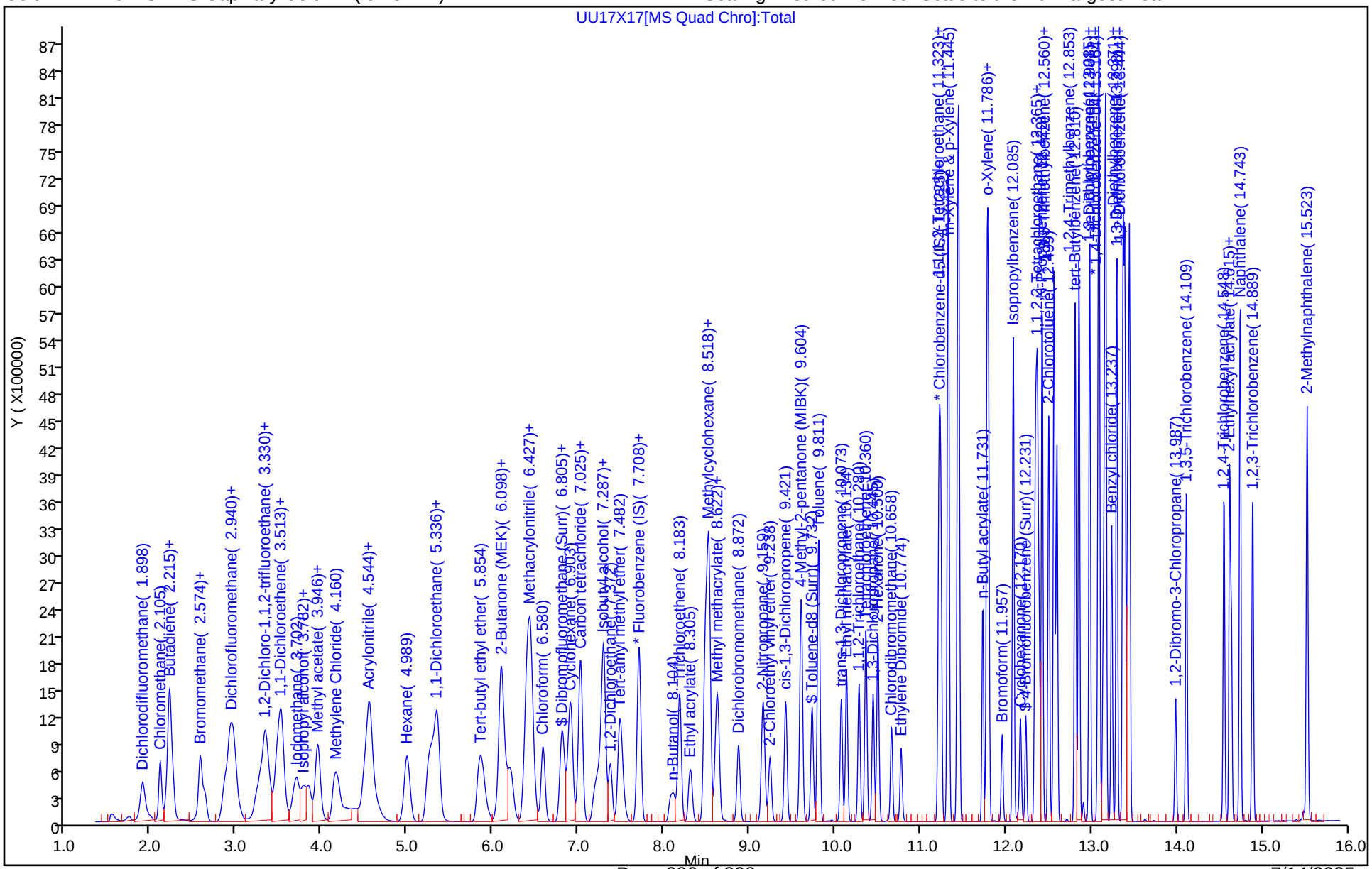
Report Date: 18-Jun-2025 19:49:36 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X17.D

Injection Date:	17-Jun-2025 20:42:31	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC v100			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	MSV_8260_5mL_HP34	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

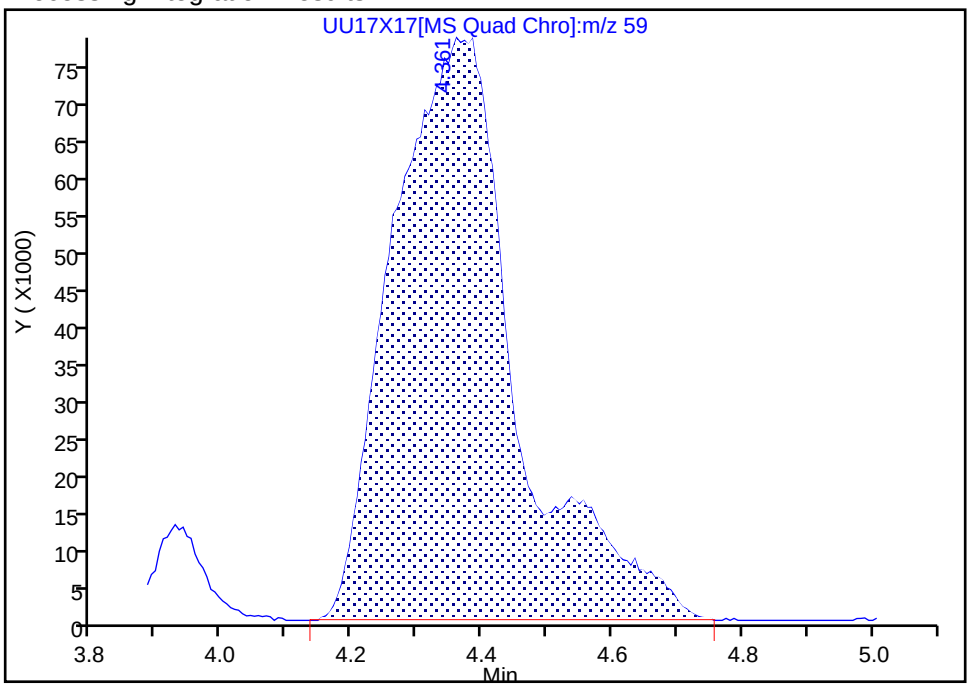
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X17.D				
Injection Date:	17-Jun-2025 20:42:31	Instrument ID:	23090		
Lims ID:	IC v100				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

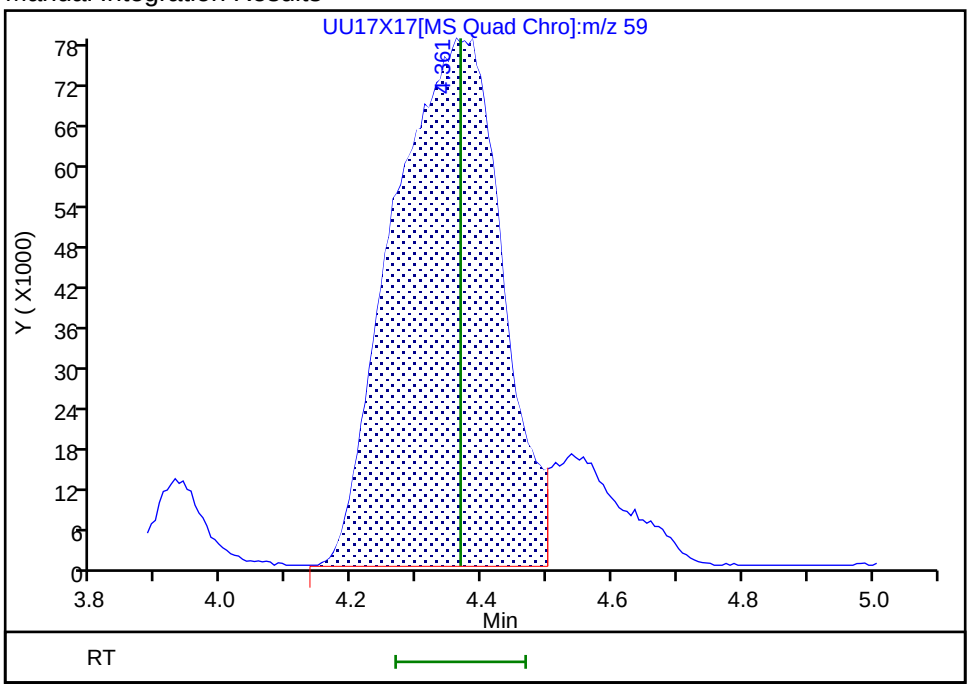
Processing Integration Results

RT: 4.36
Area: 1043599
Amount: 538.4760
Amount Units: ug/l



Manual Integration Results

RT: 4.36
Area: 917487
Amount: 494.2773
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:48:45 -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

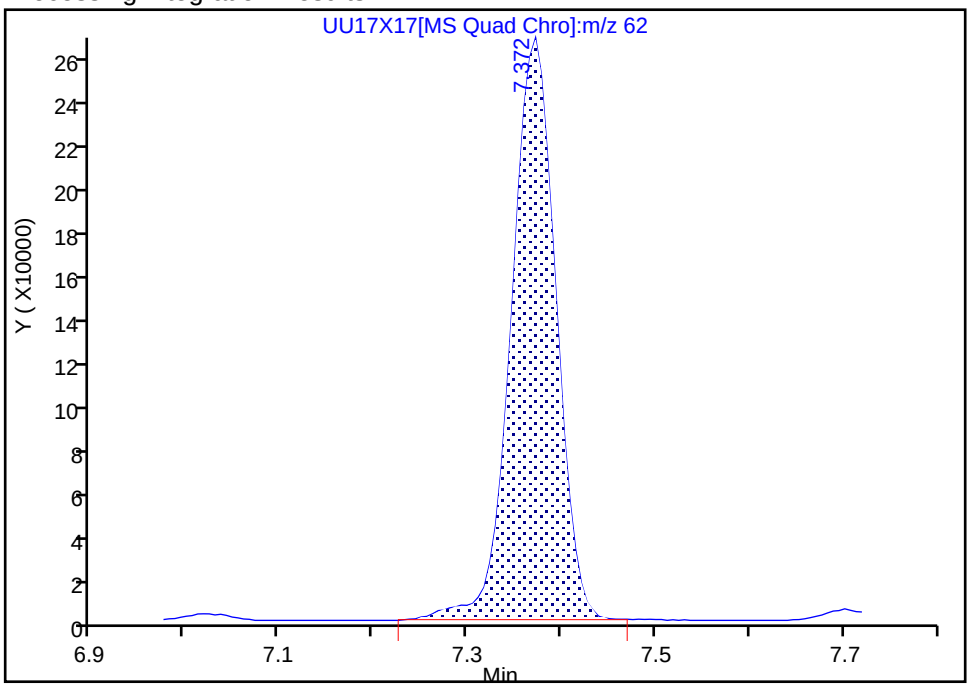
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X17.D				
Injection Date:	17-Jun-2025 20:42:31	Instrument ID:	23090		
Lims ID:	IC v100				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	17	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

61 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

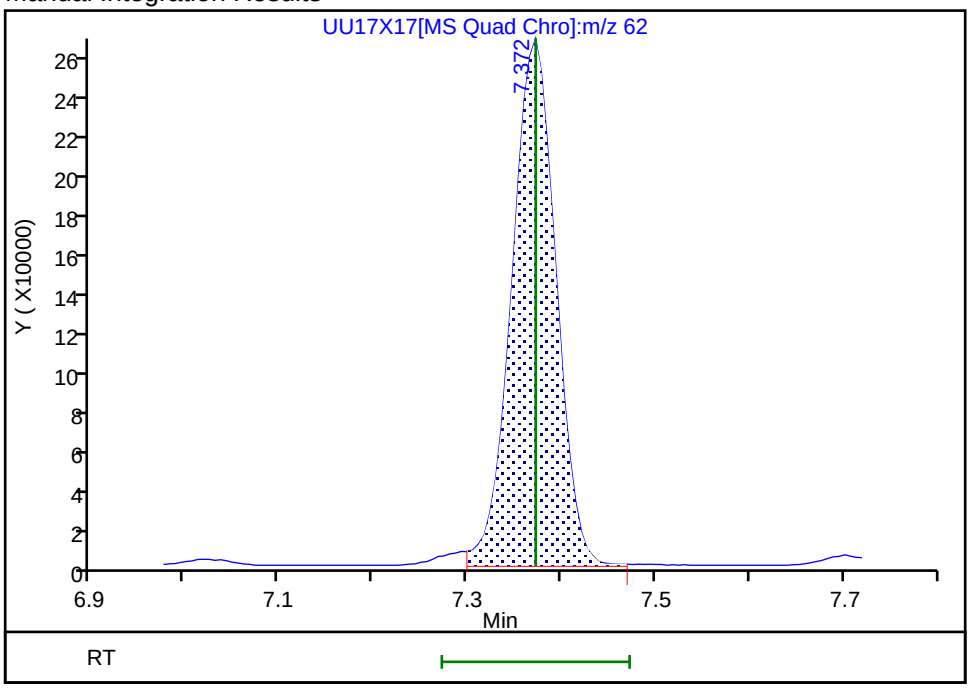
Processing Integration Results

RT: 7.37
Area: 869355
Amount: 99.479870
Amount Units: ug/l



Manual Integration Results

RT: 7.37
Area: 856411
Amount: 98.662461
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:03:49 -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\23090\20250617-150677.b\UU17X18.D
Lims ID: IC v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 17-Jun-2025 21:03:02 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v300
Misc. Info.: 410-0150677-018, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub4

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:49:51 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

First Level Reviewer: UKEK Date: 18-Jun-2025 18:53:14

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.892	1.892	0.000	99	3351577	300.0	289.8	
6 Chloromethane	50	2.099	2.099	0.000	99	3171803	300.0	267.4	
8 Butadiene	39	2.203	2.197	0.006	89	3214208	300.0	250.5	
7 Vinyl chloride	62	2.215	2.215	0.000	98	3238162	300.0	270.7	
10 Bromomethane	94	2.562	2.562	0.000	90	2355110	300.0	278.8	
11 Chloroethane	64	2.617	2.617	0.000	99	1920004	300.0	279.9	
12 Dichlorofluoromethane	67	2.898	2.898	0.000	97	5115107	300.0	275.7	
14 Pentane	43	2.940	2.934	0.006	96	3529500	300.0	298.9	a
13 Trichlorofluoromethane	101	2.953	2.953	0.000	97	4032930	300.0	291.7	
16 Ethanol	45	3.148	3.166	-0.018	99	711415	7500.0	7565.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.276	3.276	0.000	91	2549102	300.0	281.9	
18 Acrolein	56	3.331	3.331	0.000	100	7432345	2927.4	2826.8	
19 1,1-Dichloroethene	96	3.495	3.483	0.012	98	2016472	300.0	289.7	
21 Acetone	58	3.501	3.520	-0.019	100	784952	600.0	617.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.520	3.526	-0.006	93	2369084	300.0	295.2	
23 Iodomethane	142	3.696	3.690	0.006	98	3843831	300.0	283.6	
24 Isopropyl alcohol	45	3.672	3.770	-0.098	96	1803362	1500.0	1442.6	
25 Carbon disulfide	76	3.830	3.818	0.012	99	6918405	300.0	333.2	
26 Methyl acetate	43	3.916	3.922	-0.006	97	2287625	300.0	266.6	
27 3-Chloro-1-propene	41	3.940	3.940	0.000	91	2783425	300.0	289.8	a
28 Methylene Chloride	84	4.160	4.154	0.006	89	2257273	300.0	285.3	
* 29 t-Butyl alcohol-d10 (IS)	65	4.257	4.233	0.024	93	433433	250.0	250.0	
30 2-Methyl-2-propanol	59	4.379	4.367	0.012	100	2698570	1500.0	1427.4	M
32 Acrylonitrile	53	4.483	4.495	-0.012	99	3190681	750.0	707.1	
34 trans-1,2-Dichloroethene	96	4.544	4.544	0.000	99	1917850	300.0	281.4	
33 Methyl tert-butyl ether	73	4.562	4.568	-0.006	93	6276444	300.0	283.2	
36 Hexane	57	4.983	4.989	-0.006	90	2717436	300.0	287.1	
37 1,1-Dichloroethane	63	5.233	5.239	-0.006	96	3305404	300.0	277.2	
38 Isopropyl ether	45	5.300	5.300	0.000	97	5684167	300.0	290.1	
39 2-Chloro-1,3-butadiene	53	5.342	5.342	0.000	89	2936777	300.0	283.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
41 Tert-butyl ethyl ether	59	5.848	5.842	0.006	97	6040342	300.0	295.1	
43 2-Butanone (MEK)	43	6.074	6.086	-0.012	99	3611801	600.0	588.8	
44 cis-1,2-Dichloroethene	96	6.086	6.092	-0.006	81	2236093	300.0	275.4	
45 2,2-Dichloropropane	77	6.117	6.104	0.013	86	3292932	300.0	305.1	
S 42 1,2-Dichloroethene, Total	100				0			556.8	
46 Propionitrile	54	6.178	6.184	-0.006	98	2994287	1500.0	1509.8	
183 Methyl acrylate	55	6.202	6.196	0.006	100	3297249	300.1	306.4	
47 Methacrylonitrile	67	6.385	6.385	0.000	93	3273567	750.0	741.8	
48 Chlorobromomethane	128	6.421	6.428	-0.007	93	1094373	300.0	276.6	
49 Tetrahydrofuran	71	6.440	6.440	0.000	88	2784581	1500.0	1479.9	
50 Chloroform	83	6.580	6.580	0.000	92	3367270	300.0	277.7	
$ 51 Dibromofluoromethane (Surr)	113	6.799	6.799	0.000	93	281474	50.0	47.8	
52 1,1,1-Trichloroethane	97	6.812	6.806	0.006	98	3296422	300.0	298.9	
53 Cyclohexane	56	6.903	6.903	0.000	87	4015293	300.0	303.9	
56 Carbon tetrachloride	117	7.019	7.013	0.006	96	2825539	300.0	324.5	
55 1,1-Dichloropropene	75	7.019	7.019	0.000	98	2994080	300.0	297.9	
57 Isobutyl alcohol	41	7.220	7.226	-0.006	95	2184457	3750.0	3770.6	
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	71	76825	50.0	49.5	
60 Benzene	78	7.287	7.287	0.000	95	8746125	300.0	290.6	
61 1,2-Dichloroethane	62	7.366	7.372	-0.006	97	2572158	300.0	288.3	
62 Tert-amyl methyl ether	73	7.488	7.476	0.012	98	6034624	300.0	299.9	
* 63 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	1221572	50.0	50.0	
64 n-Heptane	43	7.702	7.708	-0.006	89	2499942	300.0	296.3	
66 n-Butanol	56	8.104	8.104	0.000	86	1729409	3750.0	4220.9	
67 Trichloroethene	95	8.177	8.177	0.000	98	2229368	300.0	299.9	
178 Ethyl acrylate	55	8.305	8.299	0.006	99	3441608	300.1	337.5	
68 Methylcyclohexane	83	8.488	8.482	0.006	93	4447289	300.0	310.4	
70 2-ethoxy-2-methyl butane	87	8.525	8.519	0.006	96	3137350	300.0	306.6	
69 1,2-Dichloropropane	63	8.519	8.519	0.000	92	2101274	300.0	307.2	
71 Methyl methacrylate	69	8.610	8.604	0.006	88	1966748	300.0	326.7	
72 1,4-Dioxane	88	8.634	8.622	0.012	30	393710	3750.0	3707.3	M
73 Dibromomethane	93	8.634	8.628	0.006	97	1364281	300.0	304.5	
75 Dichlorobromomethane	83	8.866	8.866	0.000	100	2629452	300.0	332.2	
76 2-Nitropropane	41	9.159	9.153	0.006	97	4278259	1500.0	1828.5	
78 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	91	1509896	300.0	334.3	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	3485232	300.0	359.5	
80 4-Methyl-2-pentanone (MIBK)	43	9.604	9.604	0.000	95	6768286	600.0	609.9	
$ 81 Toluene-d8 (Surr)	98	9.732	9.732	0.000	93	1186521	50.0	48.2	
82 Toluene	92	9.811	9.805	0.006	98	5530935	300.0	289.0	
S 104 1,3-Dichloropropene, Total	100				0			698.7	
105 trans-1,3-Dichloropropene	75	10.073	10.073	0.000	91	3078155	300.0	339.2	
106 Ethyl methacrylate	69	10.134	10.134	0.000	88	3283532	300.0	300.0	
107 1,1,2-Trichloroethane	97	10.280	10.280	0.000	90	1848578	300.0	292.1	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	2284787	300.0	284.9	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	3225172	300.0	305.0	
110 2-Hexanone	43	10.500	10.500	0.000	95	4691197	600.0	579.8	
111 Chlorodibromomethane	129	10.664	10.658	0.006	90	2095441	300.0	345.5	
112 Ethylene Dibromide	107	10.774	10.774	0.000	99	2005527	300.0	300.7	
* 114 Chlorobenzene-d5 (IS)	117	11.213	11.207	0.006	88	894038	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	95	3000235	300.0	284.0	
116 Chlorobenzene	112	11.238	11.238	0.000	96	6145017	300.0	297.5	
S 113 Xylenes, Total	106				0			863.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	96	2206559	300.0	310.5	
118 Ethylbenzene	91	11.329	11.323	0.006	98	11007937	300.0	288.0	
119 m-Xylene & p-Xylene	106	11.445	11.445	0.000	99	8744500	600.0	578.9	e
272 n-Butyl acrylate	55	11.731	11.725	0.006	97	4282440	299.9	298.2	
120 o-Xylene	106	11.780	11.780	0.000	96	4393482	300.0	284.1	
121 Styrene	104	11.798	11.792	0.006	95	6830227	300.0	296.0	
122 Bromoform	173	11.957	11.957	0.000	97	1468841	300.0	362.4	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	10569672	300.0	287.8	
124 Cyclohexanone	55	12.170	12.170	0.000	90	1506100	3750.1	3845.9	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	88	429454	50.0	48.6	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	93	3299727	300.0	302.8	
127 Bromobenzene	156	12.353	12.353	0.000	97	2402940	300.0	309.7	
128 trans-1,4-Dichloro-2-butene	53	12.371	12.365	0.006	92	2196561	750.0	804.1	
129 1,2,3-Trichloropropane	110	12.390	12.390	0.000	83	1043063	300.0	299.1	
130 N-Propylbenzene	91	12.426	12.420	0.006	98	12666096	300.0	298.1	e
131 2-Chlorotoluene	126	12.506	12.500	0.006	97	2610375	300.0	306.8	
132 1,3,5-Trimethylbenzene	105	12.567	12.560	0.007	94	9943751	300.0	319.8	
133 4-Chlorotoluene	126	12.597	12.597	0.000	97	2497494	300.0	310.8	
134 tert-Butylbenzene	134	12.810	12.810	0.000	92	2051775	300.0	334.2	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	97	9834898	300.0	312.8	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	12339941	300.0	314.6	e
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	97	4564881	300.0	298.6	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	10962553	300.0	317.4	
* 140 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	96	448560	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.158	13.158	0.000	95	4544429	300.0	301.1	
142 1,2,3-Trimethylbenzene	105	13.170	13.170	0.000	98	10088284	300.0	312.9	
143 Benzyl chloride	91	13.237	13.237	0.000	98	6725361	300.0	342.7	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	6042905	300.0	313.4	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	6367694	300.0	308.2	
146 n-Butylbenzene	92	13.390	13.390	0.000	97	5178883	300.0	311.8	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	4561384	300.0	295.4	
148 o-diethylbenzene	119	13.444	13.444	0.000	95	5229482	300.0	327.1	
150 1,2-Dibromo-3-Chloropropane	75	13.987	13.981	0.006	88	953121	300.0	322.3	
151 1,3,5-Trichlorobenzene	180	14.115	14.115	0.000	98	3291351	300.0	298.3	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	94	3057055	300.0	290.8	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	79	3398930	299.8	335.7	
153 Hexachlorobutadiene	225	14.639	14.639	0.000	96	1195554	300.0	322.7	
154 Naphthalene	128	14.743	14.743	0.000	97	11871223	300.0	282.0	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	2995038	300.0	286.3	
156 2-Methylnaphthalene	142	15.523	15.523	0.000	92	6137694	300.0	301.9	
S 165 Total Diethylbenzene	1				0			948.7	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00240	Amount Added:	15.00	Units: uL	
MSV_CCV_2CEVE_00232	Amount Added:	15.00	Units: uL	
MSV_CCV_VOC#3_00241	Amount Added:	12.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	30.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	30.00	Units: uL	
MSV_CCV_GASES_01063	Amount Added:	7.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	15.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

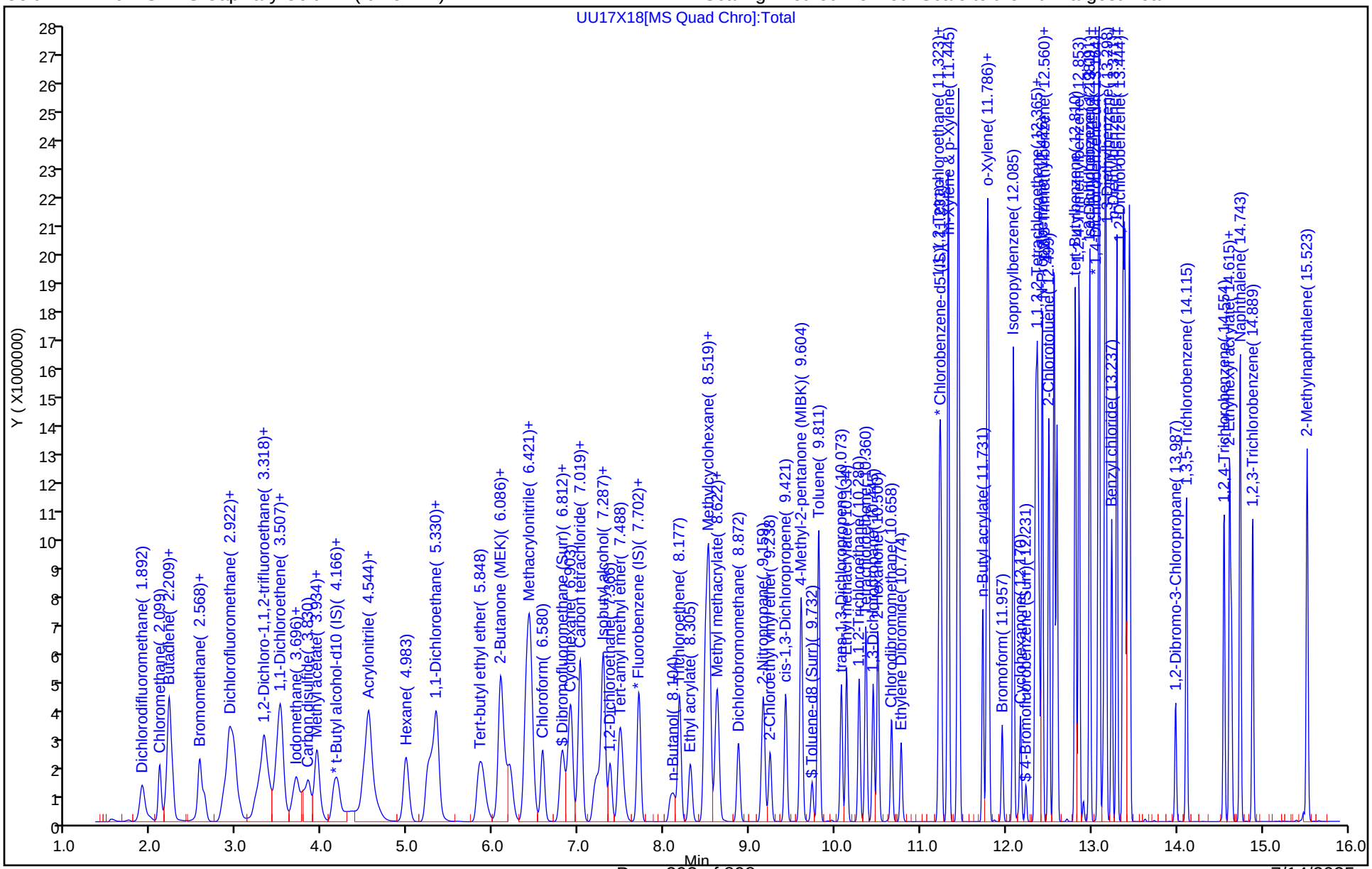
Report Date: 18-Jun-2025 19:49:52 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Injection Date:	17-Jun-2025 21:03:02	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	IC v300			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	MSV_8260_5mL_HP34	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

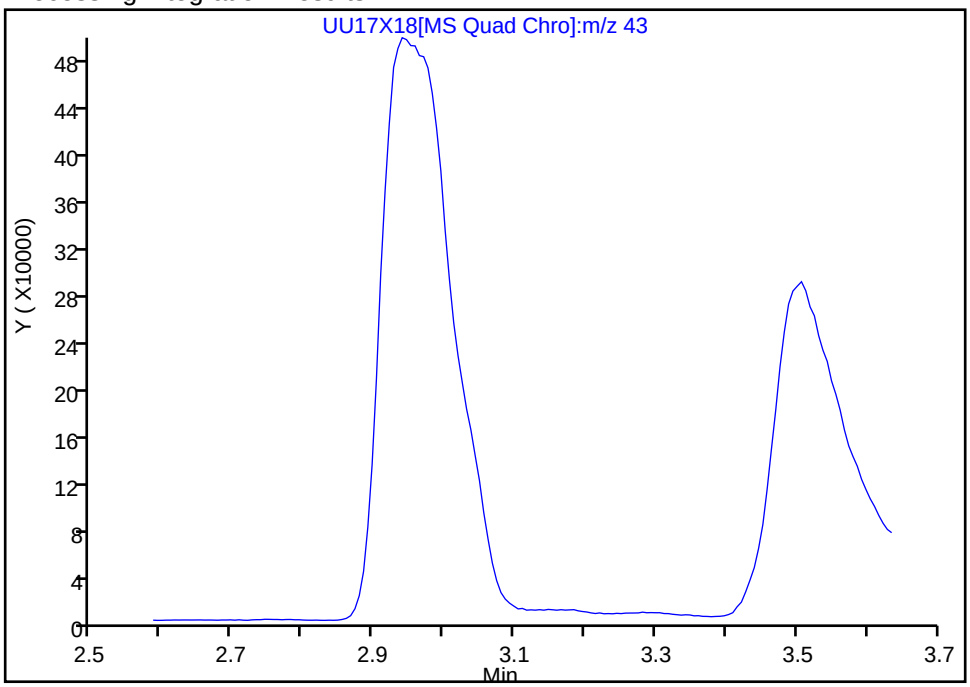
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D
Injection Date: 17-Jun-2025 21:03:02 Instrument ID: 23090
Lims ID: IC v300
Client ID:
Operator ID: jml01693 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Pentane, CAS: 109-66-0

Signal: 1

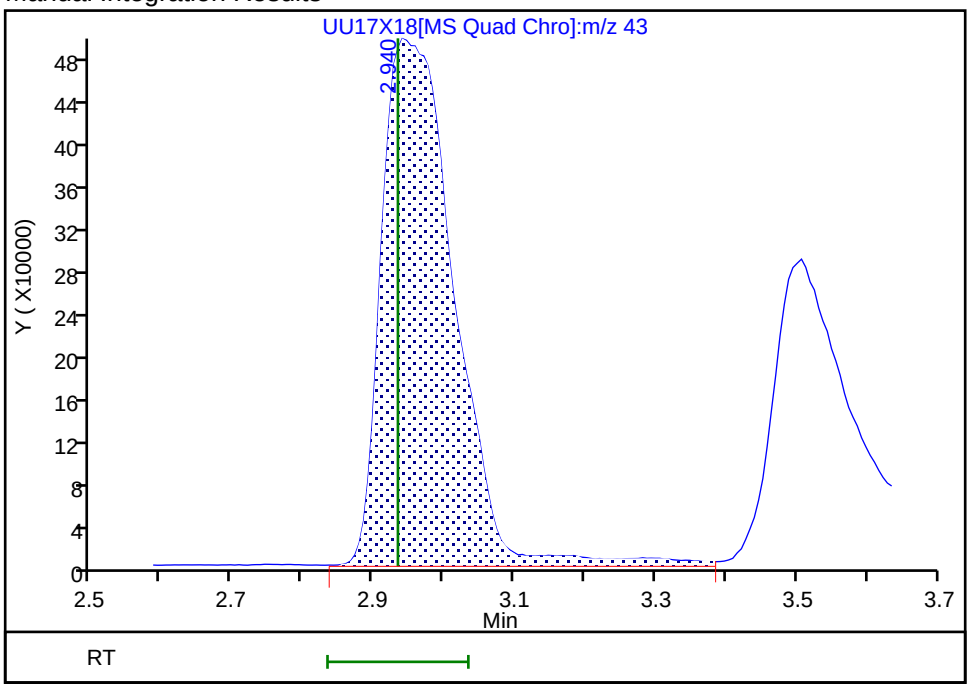
Not Detected
Expected RT: 2.93

Processing Integration Results



Manual Integration Results

RT: 2.94
Area: 3529500
Amount: 298.9071
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:27:55 -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

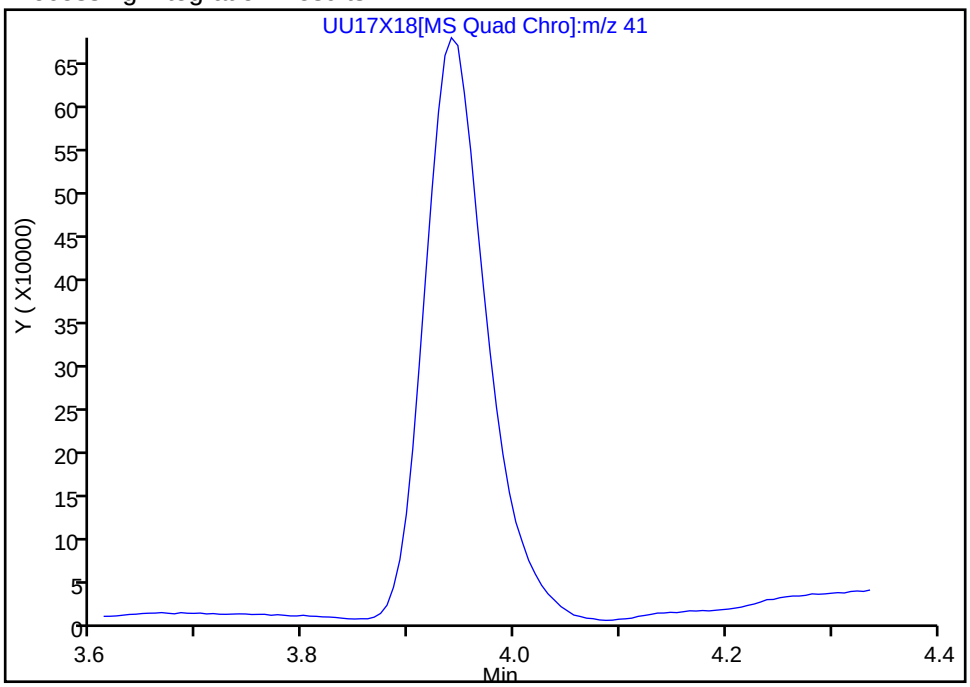
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D
Injection Date: 17-Jun-2025 21:03:02 Instrument ID: 23090
Lims ID: IC v300
Client ID:
Operator ID: jml01693 ALS Bottle#: 18 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

27 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

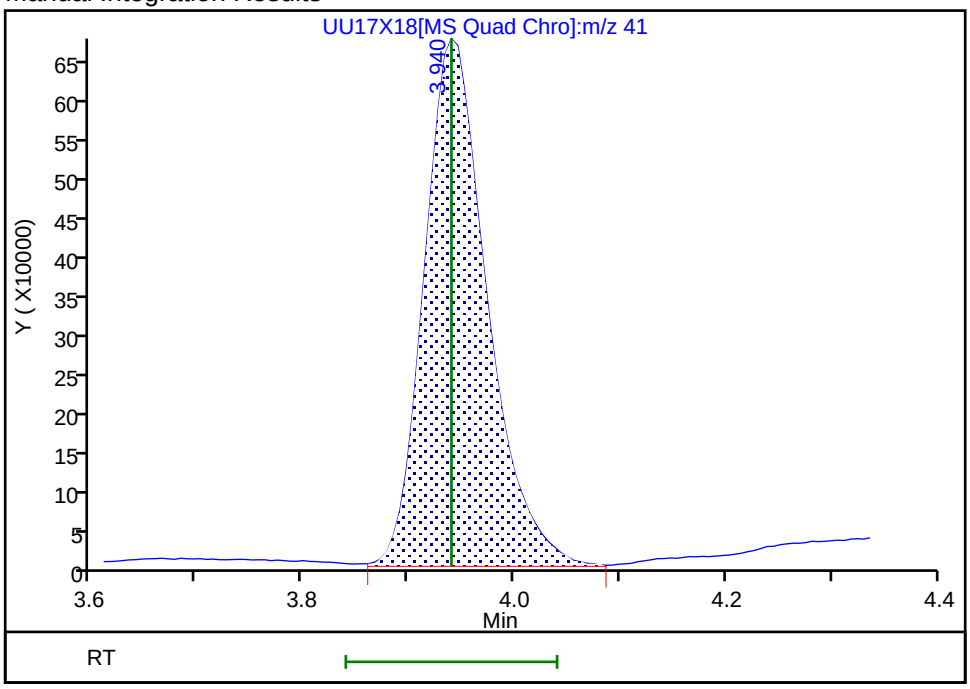
Not Detected
Expected RT: 3.94

Processing Integration Results



Manual Integration Results

RT: 3.94
Area: 2783425
Amount: 289.8179
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:28:03 -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

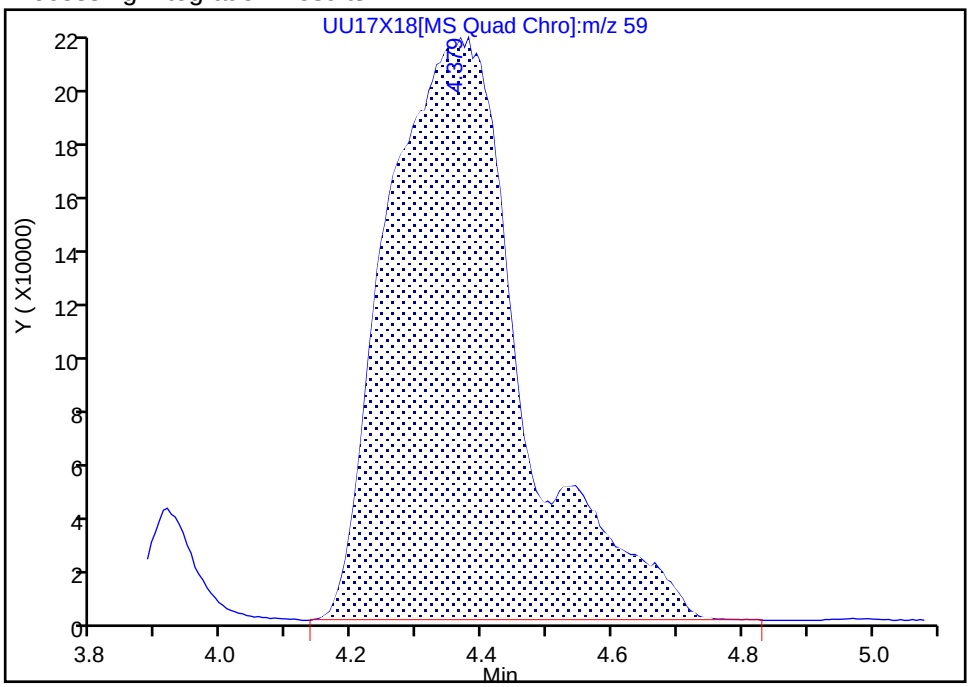
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D				
Injection Date:	17-Jun-2025 21:03:02	Instrument ID:	23090		
Lims ID:	IC v300				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

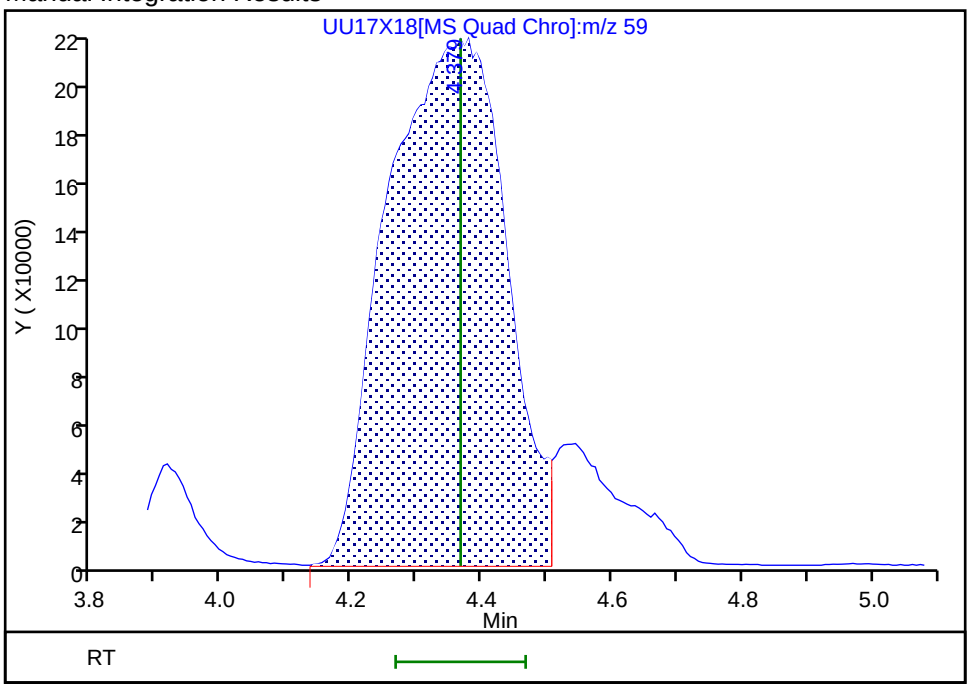
Processing Integration Results

RT: 4.38
Area: 3063440
Amount: 1586.3442
Amount Units: ug/l



Manual Integration Results

RT: 4.38
Area: 2698570
Amount: 1427.3686
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:50:45 -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

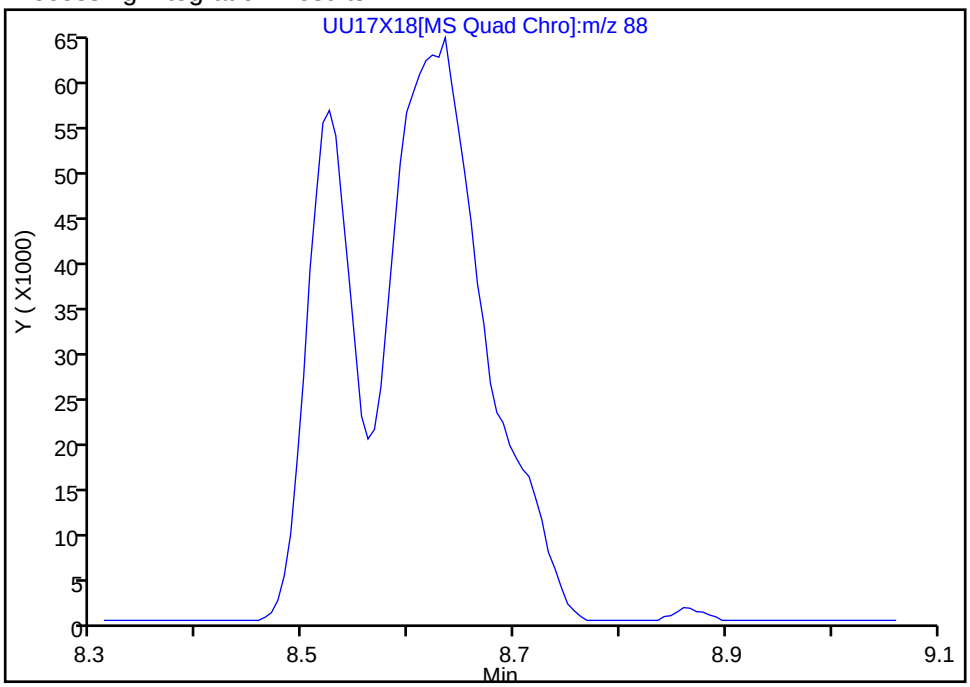
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D				
Injection Date:	17-Jun-2025 21:03:02	Instrument ID:	23090		
Lims ID:	IC v300				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	18	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

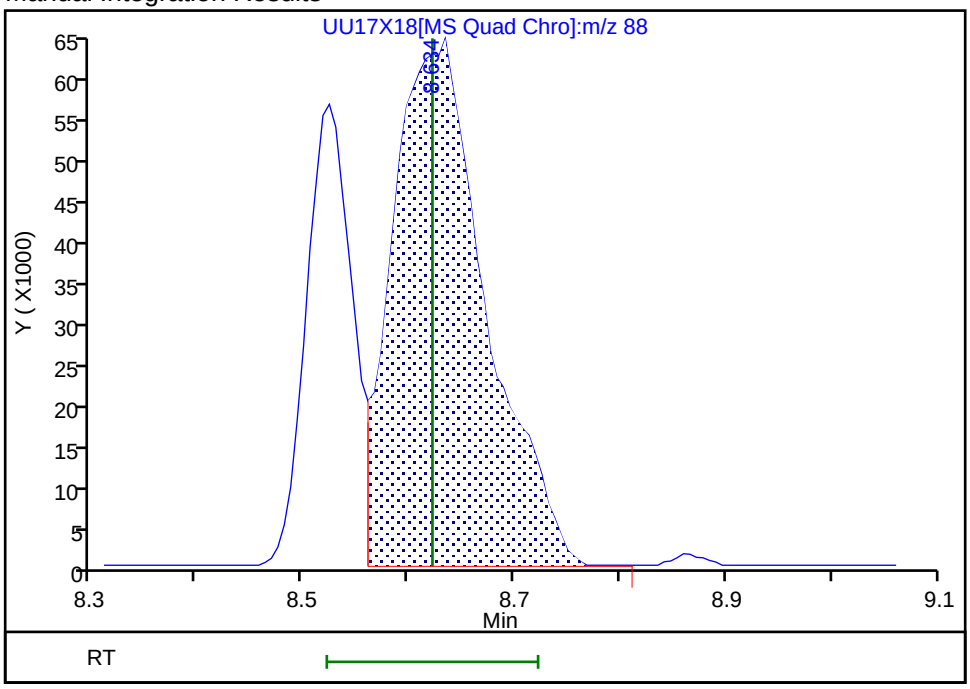
Not Detected
Expected RT: 8.62

Processing Integration Results



Manual Integration Results

RT: 8.63
Area: 393710
Amount: 3707.3220
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 18:51:40 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

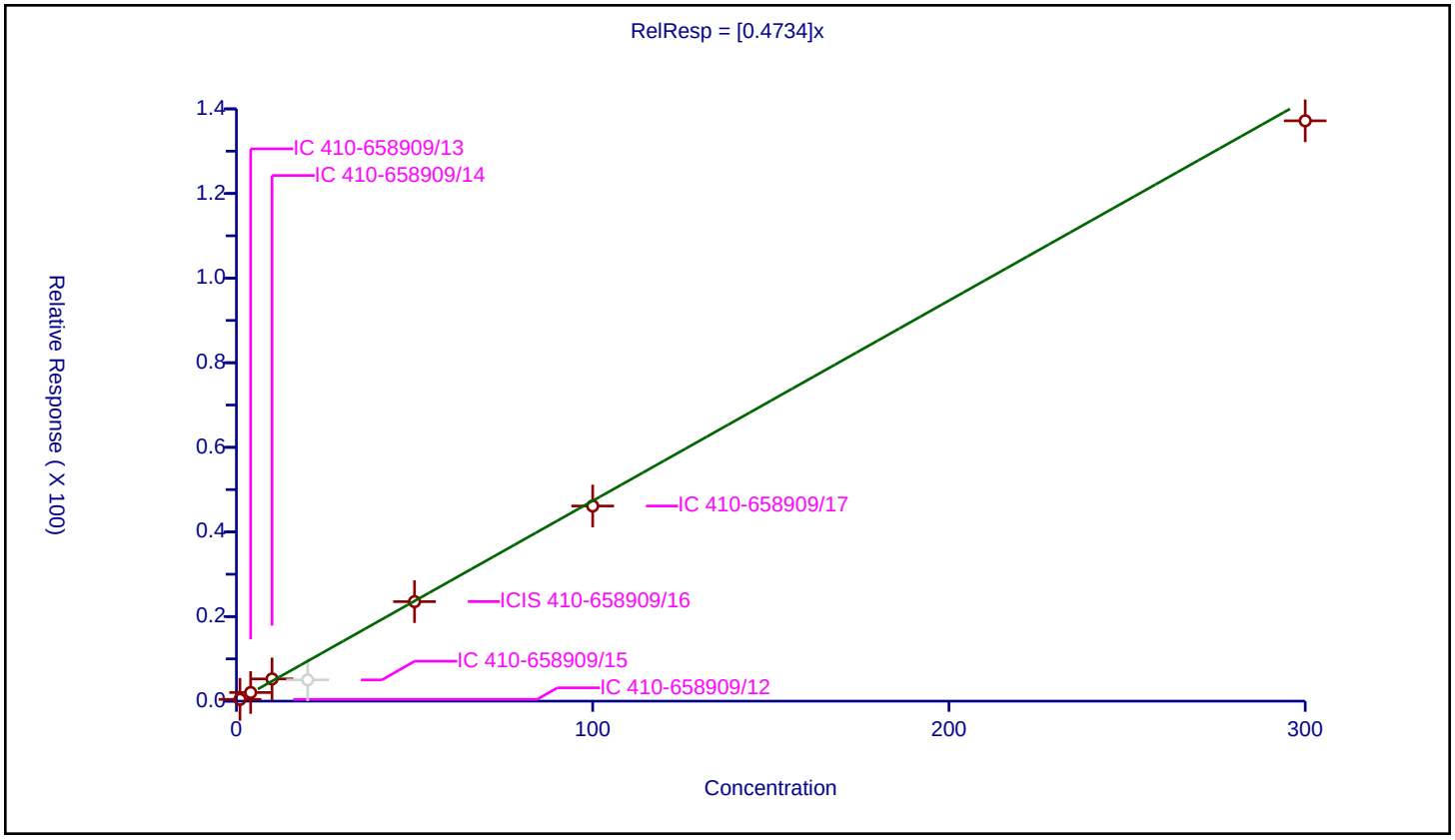
Curve Coefficients

Intercept:	0
Slope:	0.4734

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.415902	50.0	1094969.0	0.415902	Y
2	IC 410-658909/13	4.0	2.040174	50.0	1085839.0	0.510043	Y
3	IC 410-658909/14	10.0	5.254911	50.0	1087849.0	0.525491	Y
4	IC 410-658909/15	20.0	5.022303	50.0	2327528.0	0.251115	N
5	ICIS 410-658909/16	50.0	23.526029	50.0	1125904.0	0.470521	Y
6	IC 410-658909/17	100.0	46.125527	50.0	1188510.0	0.461255	Y
7	IC 410-658909/18	300.0	137.18295	50.0	1221572.0	0.457276	Y



Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

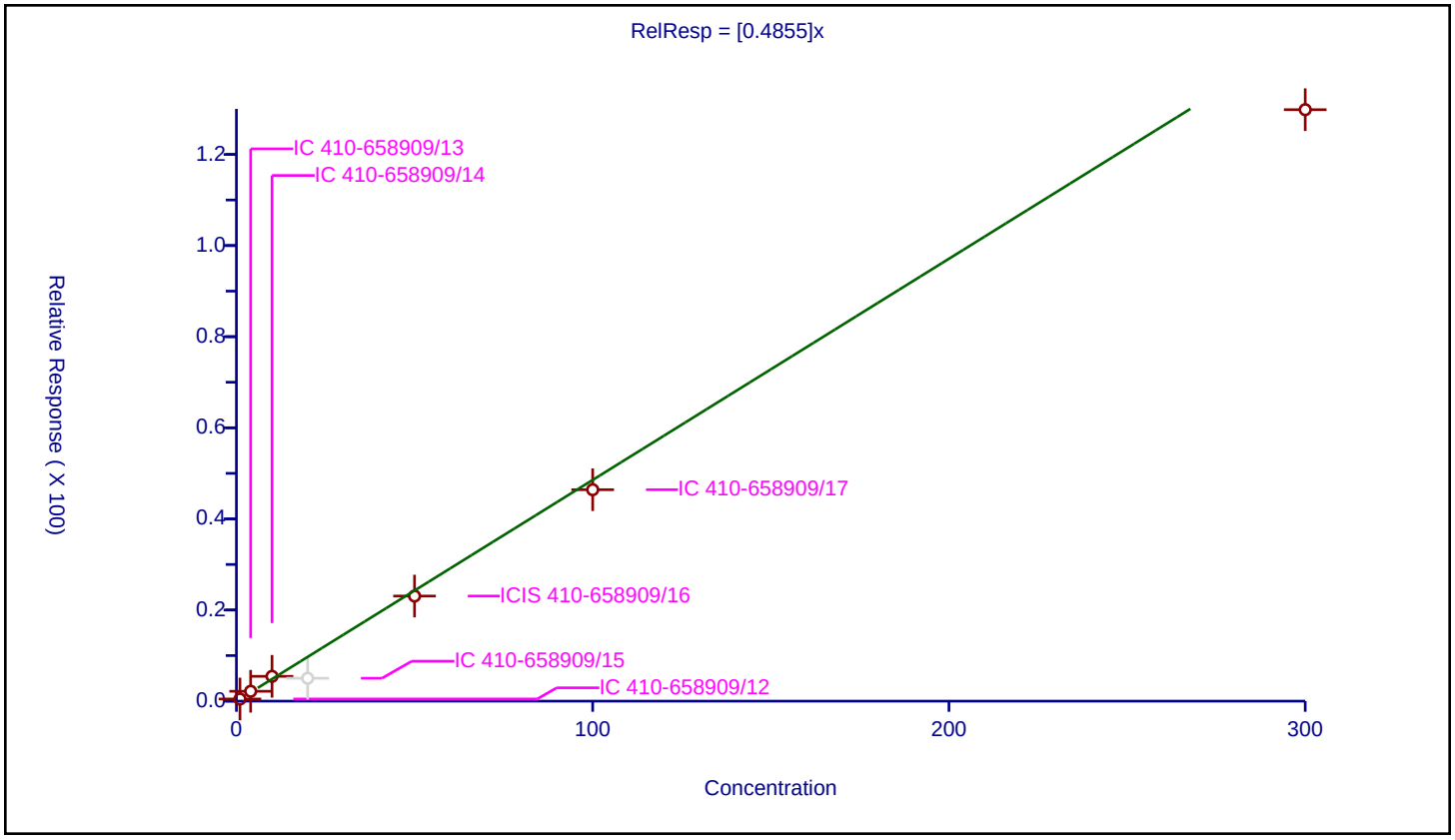
Curve Coefficients

Intercept:	0
Slope:	0.4855

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.468963	50.0	1094969.0	0.468963	Y
2	IC 410-658909/13	4.0	2.166343	50.0	1085839.0	0.541586	Y
3	IC 410-658909/14	10.0	5.443219	50.0	1087849.0	0.544322	Y
4	IC 410-658909/15	20.0	5.024795	50.0	2327528.0	0.25124	N
5	ICIS 410-658909/16	50.0	23.067819	50.0	1125904.0	0.461356	Y
6	IC 410-658909/17	100.0	46.41101	50.0	1188510.0	0.46411	Y
7	IC 410-658909/18	300.0	129.824644	50.0	1221572.0	0.432749	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

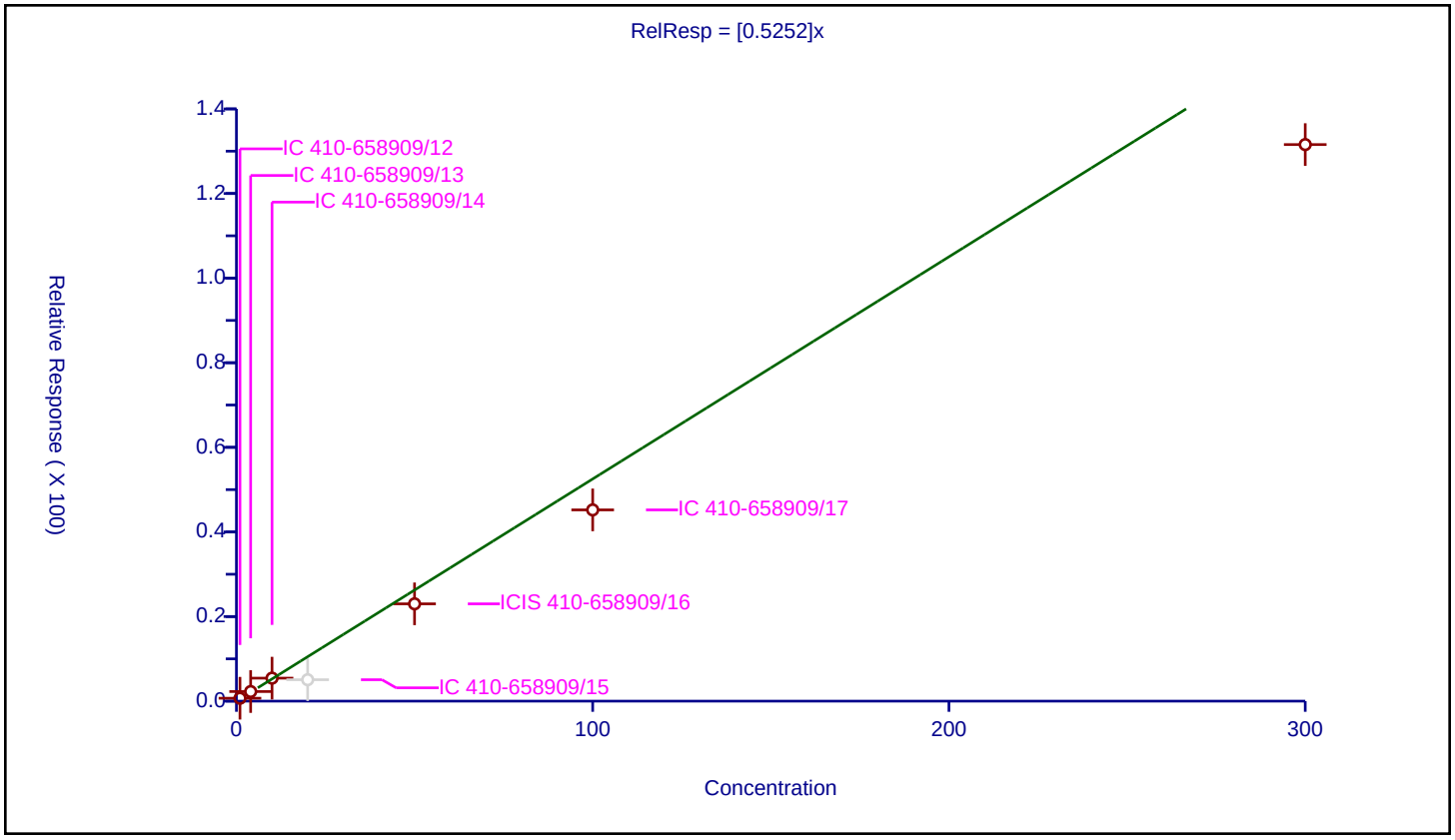
Curve Coefficients

Intercept:	0
Slope:	0.5252

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.690065	50.0	1094969.0	0.690065	Y
2	IC 410-658909/13	4.0	2.267049	50.0	1085839.0	0.566762	Y
3	IC 410-658909/14	10.0	5.435405	50.0	1087849.0	0.543541	Y
4	IC 410-658909/15	20.0	5.063054	50.0	2327528.0	0.253153	N
5	ICIS 410-658909/16	50.0	23.003249	50.0	1125904.0	0.460065	Y
6	IC 410-658909/17	100.0	45.210894	50.0	1188510.0	0.452109	Y
7	IC 410-658909/18	300.0	131.560317	50.0	1221572.0	0.438534	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

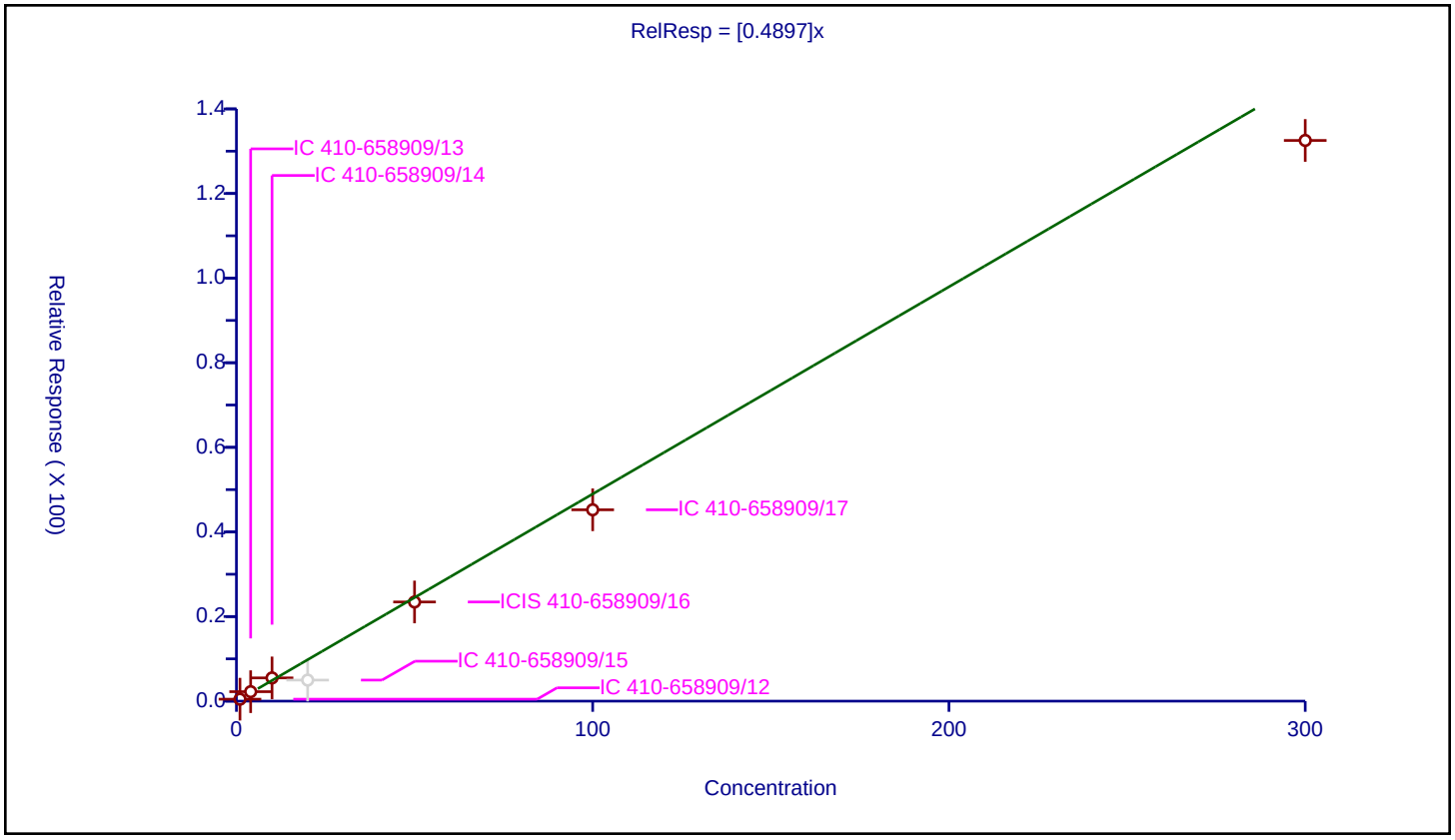
Curve Coefficients

Intercept:	0
Slope:	0.4897

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.465767	50.0	1094969.0	0.465767	Y
2	IC 410-658909/13	4.0	2.241216	50.0	1085839.0	0.560304	Y
3	IC 410-658909/14	10.0	5.491617	50.0	1087849.0	0.549162	Y
4	IC 410-658909/15	20.0	4.977684	50.0	2327528.0	0.248884	N
5	ICIS 410-658909/16	50.0	23.440364	50.0	1125904.0	0.468807	Y
6	IC 410-658909/17	100.0	45.232434	50.0	1188510.0	0.452324	Y
7	IC 410-658909/18	300.0	132.540775	50.0	1221572.0	0.441803	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

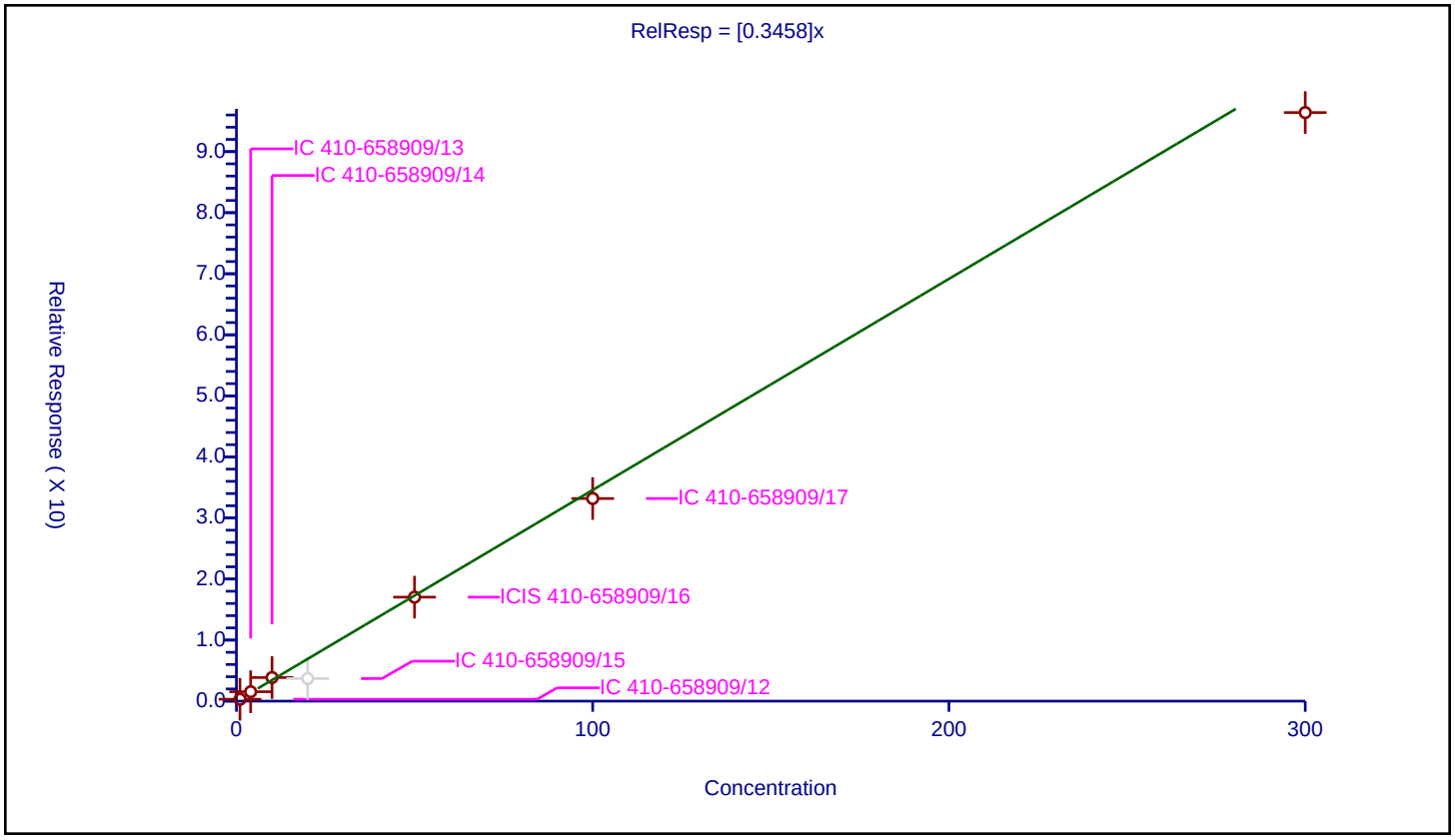
Curve Coefficients

Intercept:	0
Slope:	0.3458

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.309187	50.0	1094969.0	0.309187	Y
2	IC 410-658909/13	4.0	1.541435	50.0	1085839.0	0.385359	Y
3	IC 410-658909/14	10.0	3.863266	50.0	1087849.0	0.386327	Y
4	IC 410-658909/15	20.0	3.697378	50.0	2327528.0	0.184869	N
5	ICIS 410-658909/16	50.0	17.033557	50.0	1125904.0	0.340671	Y
6	IC 410-658909/17	100.0	33.185964	50.0	1188510.0	0.33186	Y
7	IC 410-658909/18	300.0	96.396692	50.0	1221572.0	0.321322	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

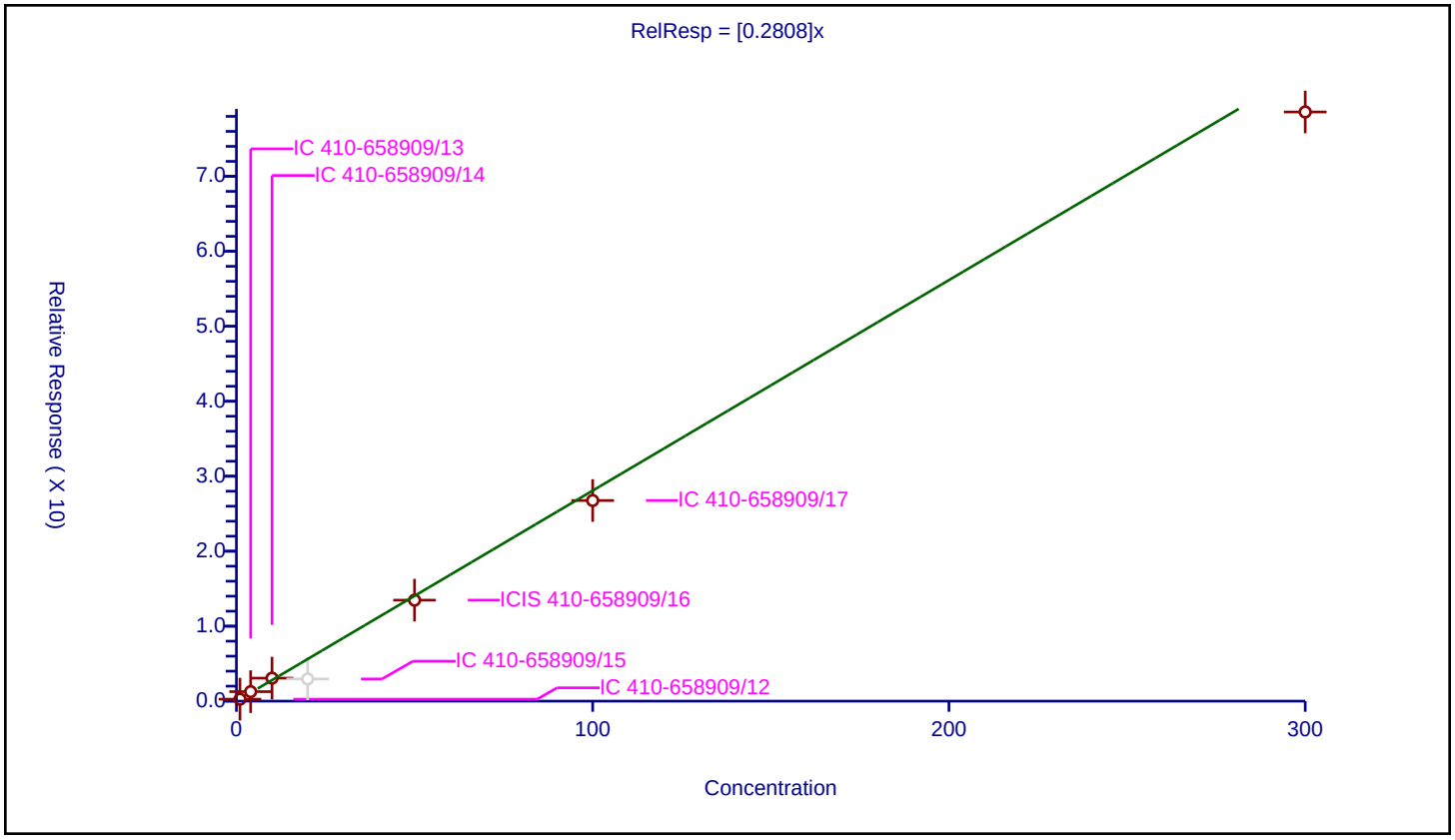
Curve Coefficients

Intercept:	0
Slope:	0.2808

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.262747	50.0	1094969.0	0.262747	Y
2	IC 410-658909/13	4.0	1.265427	50.0	1085839.0	0.316357	Y
3	IC 410-658909/14	10.0	3.067383	50.0	1087849.0	0.306738	Y
4	IC 410-658909/15	20.0	2.957838	50.0	2327528.0	0.147892	N
5	ICIS 410-658909/16	50.0	13.47122	50.0	1125904.0	0.269424	Y
6	IC 410-658909/17	100.0	26.761197	50.0	1188510.0	0.267612	Y
7	IC 410-658909/18	300.0	78.587427	50.0	1221572.0	0.261958	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

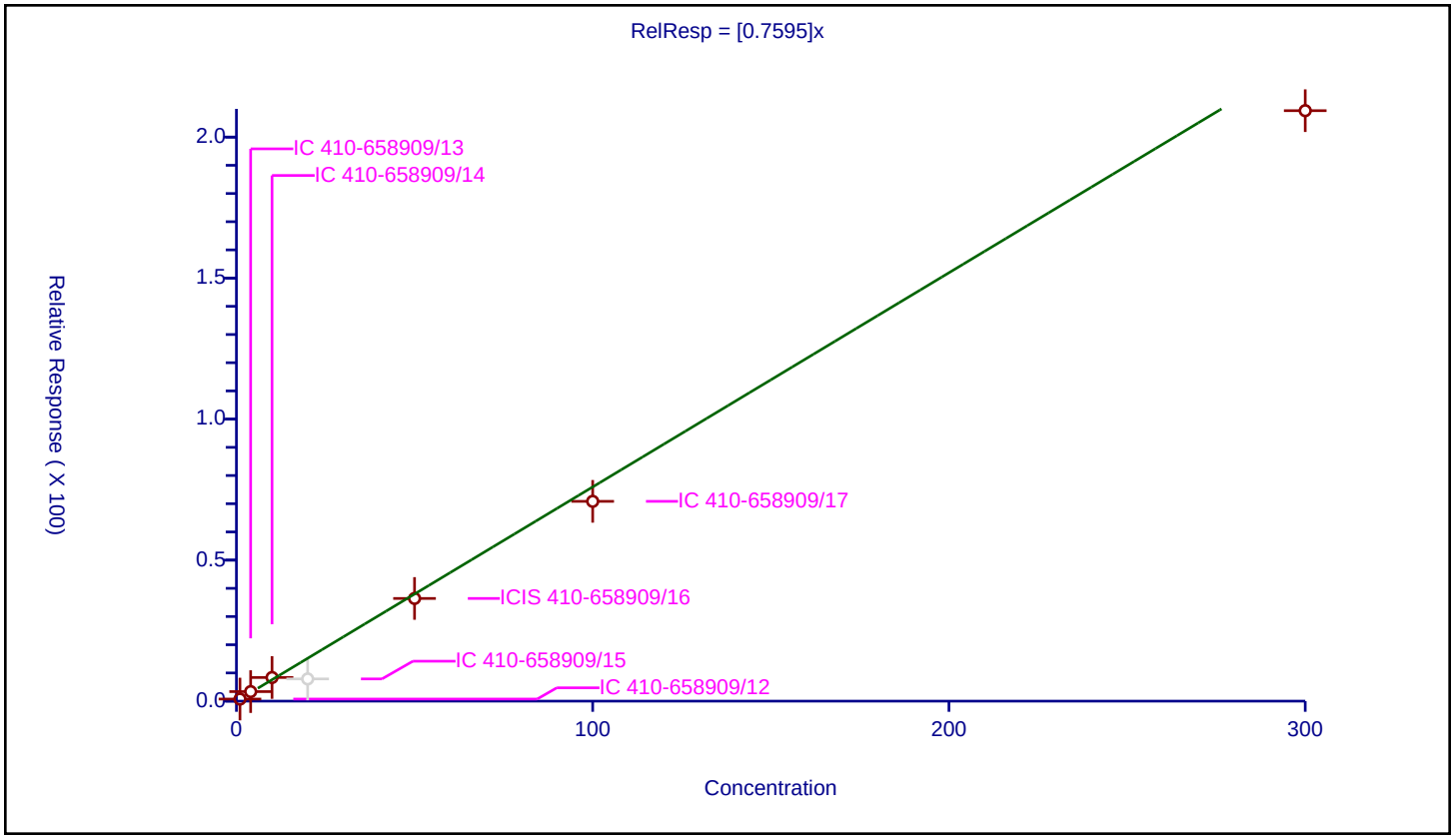
Curve Coefficients

Intercept:	0
Slope:	0.7595

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.737829	50.0	1094969.0	0.737829	Y
2	IC 410-658909/13	4.0	3.383927	50.0	1085839.0	0.845982	Y
3	IC 410-658909/14	10.0	8.384666	50.0	1087849.0	0.838467	Y
4	IC 410-658909/15	20.0	7.880292	50.0	2327528.0	0.394015	N
5	ICIS 410-658909/16	50.0	36.414561	50.0	1125904.0	0.728291	Y
6	IC 410-658909/17	100.0	70.841348	50.0	1188510.0	0.708413	Y
7	IC 410-658909/18	300.0	209.36576	50.0	1221572.0	0.697886	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

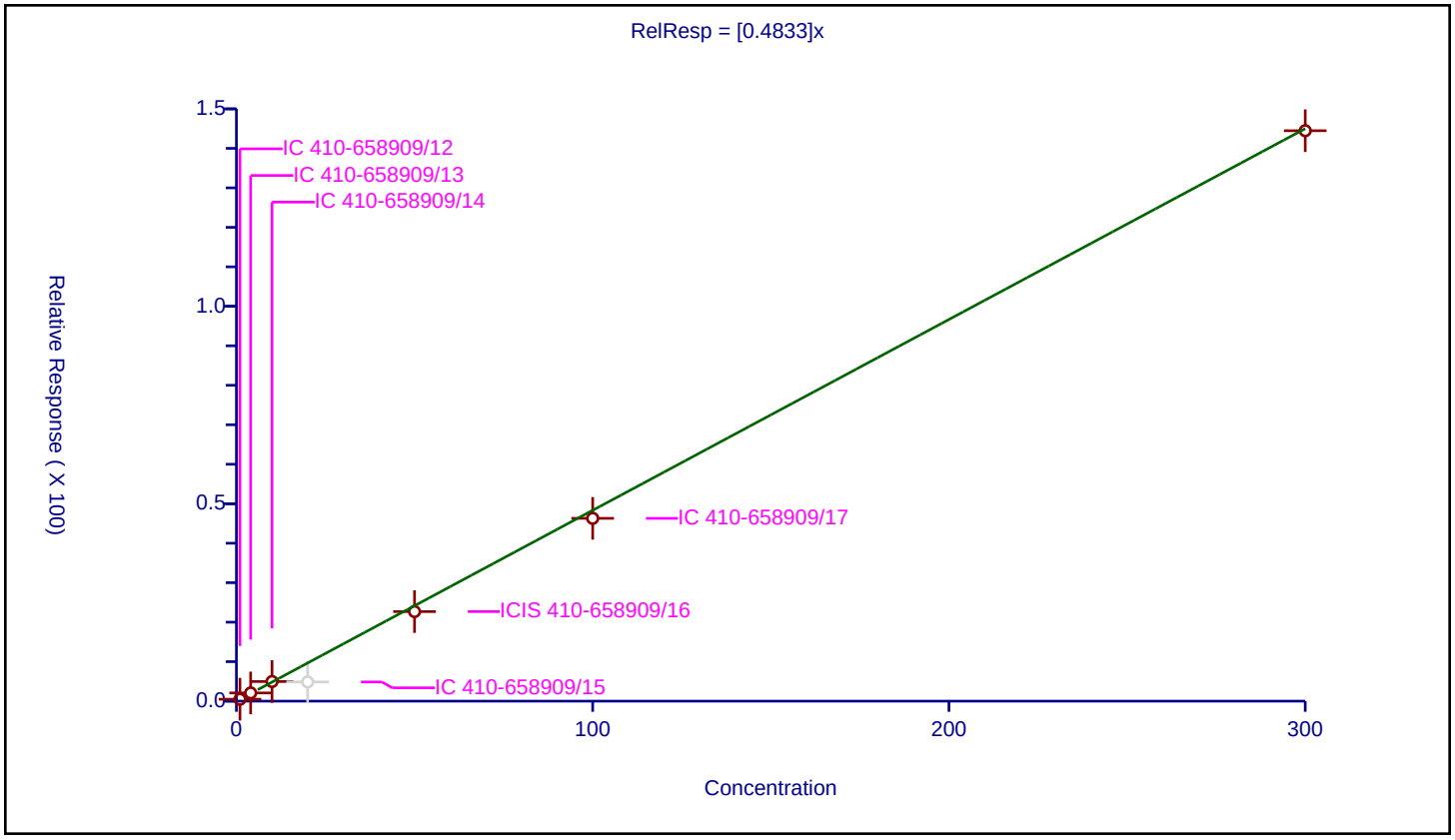
Curve Coefficients

Intercept:	0
Slope:	0.4833

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.4849	50.0	1094969.0	0.4849	Y
2	IC 410-658909/13	4.0	2.079958	50.0	1085839.0	0.51999	Y
3	IC 410-658909/14	10.0	4.967509	50.0	1087849.0	0.496751	Y
4	IC 410-658909/15	20.0	4.861187	50.0	2327528.0	0.243059	N
5	ICIS 410-658909/16	50.0	22.684572	50.0	1125904.0	0.453691	Y
6	IC 410-658909/17	100.0	46.299064	50.0	1188510.0	0.462991	Y
7	IC 410-658909/18	300.0	144.465492	50.0	1221572.0	0.481552	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

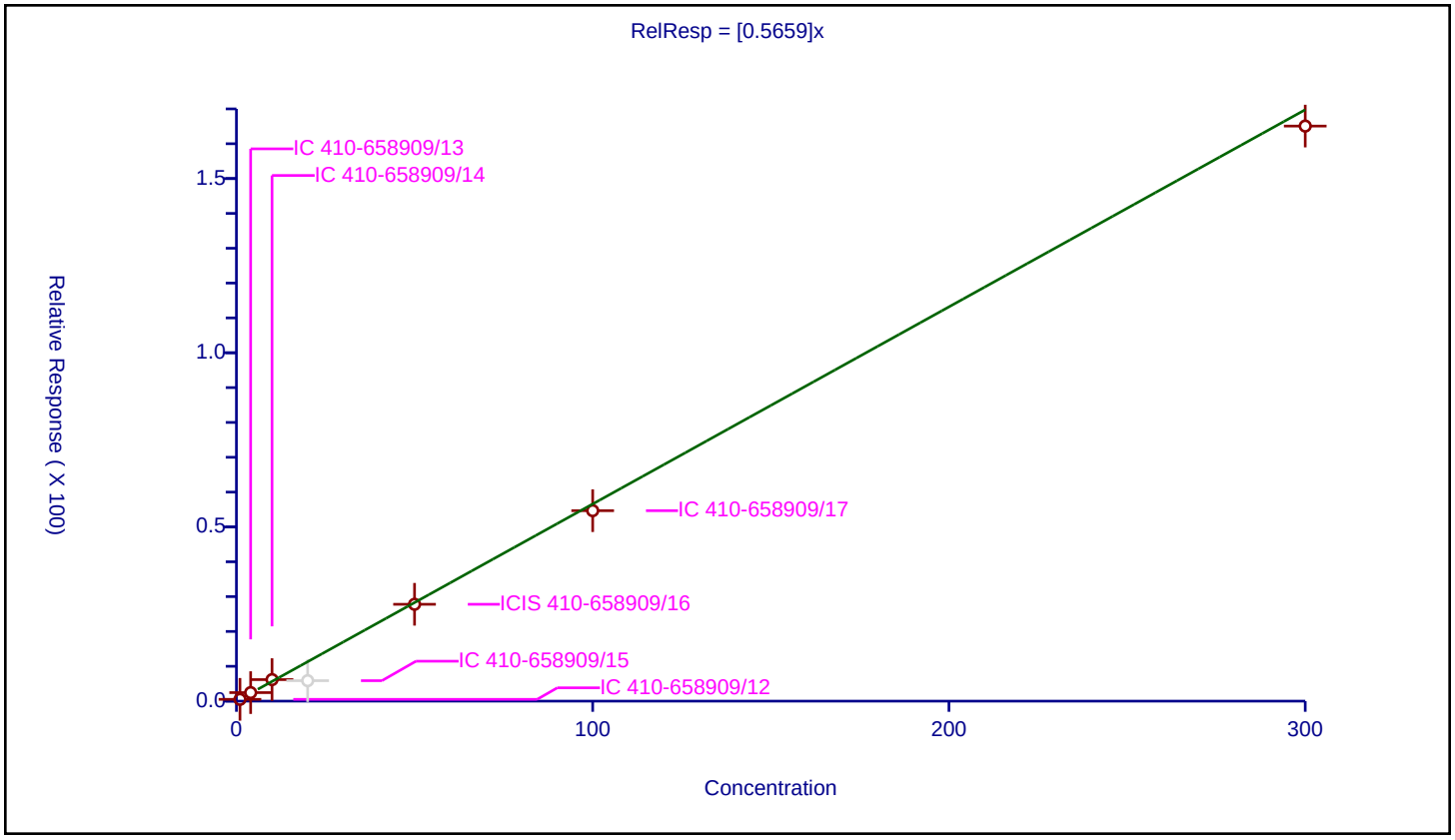
Curve Coefficients

Intercept:	0
Slope:	0.5659

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.512617	50.0	1094969.0	0.512617	Y
2	IC 410-658909/13	4.0	2.44691	50.0	1085839.0	0.611727	Y
3	IC 410-658909/14	10.0	6.177558	50.0	1087849.0	0.617756	Y
4	IC 410-658909/15	20.0	5.871916	50.0	2327528.0	0.293596	N
5	ICIS 410-658909/16	50.0	27.804413	50.0	1125904.0	0.556088	Y
6	IC 410-658909/17	100.0	54.671395	50.0	1188510.0	0.546714	Y
7	IC 410-658909/18	300.0	165.071318	50.0	1221572.0	0.550238	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

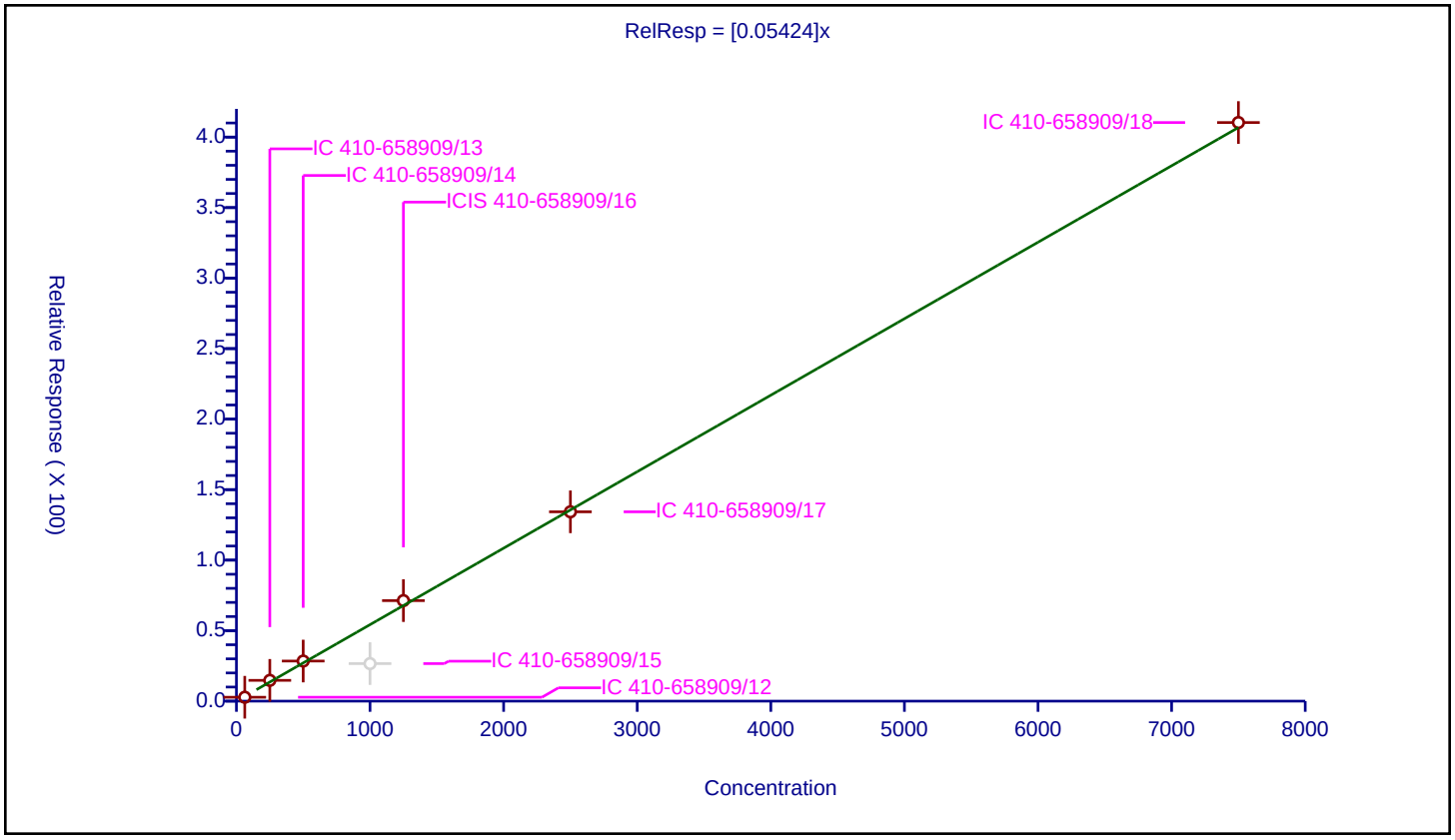
Curve Coefficients

Intercept:	0
Slope:	0.05424

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	62.50002	2.759671	250.0	387365.0	0.044155	Y
2	IC 410-658909/13	250.00008	14.739347	250.0	388467.0	0.058957	Y
3	IC 410-658909/14	500.00016	28.432953	250.0	379542.0	0.056866	Y
4	IC 410-658909/15	1000.00032	26.613049	250.0	915425.0	0.026613	N
5	ICIS 410-658909/16	1250.0004	71.293834	250.0	423841.0	0.057035	Y
6	IC 410-658909/17	2500.0008	134.268822	250.0	425553.0	0.053708	Y
7	IC 410-658909/18	7500.0024	410.337353	250.0	433433.0	0.054712	Y



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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

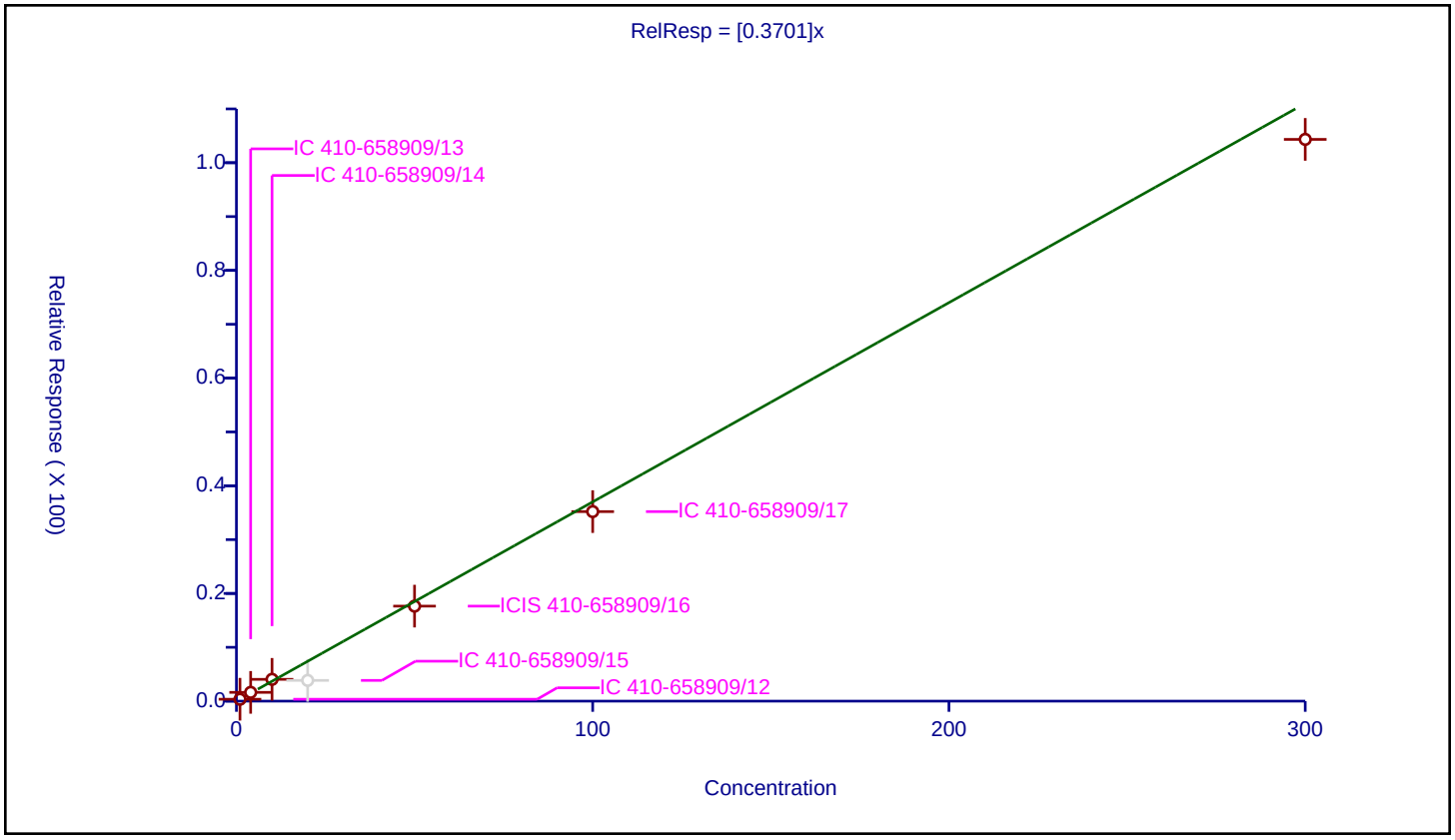
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.354485	50.0	1094969.0	0.354485	Y
2	IC 410-658909/13	4.0	1.632102	50.0	1085839.0	0.408025	Y
3	IC 410-658909/14	10.0	4.051298	50.0	1087849.0	0.40513	Y
4	IC 410-658909/15	20.0	3.850673	50.0	2327528.0	0.192534	N
5	ICIS 410-658909/16	50.0	17.647819	50.0	1125904.0	0.352956	Y
6	IC 410-658909/17	100.0	35.2045	50.0	1188510.0	0.352045	Y
7	IC 410-658909/18	300.0	104.336953	50.0	1221572.0	0.34779	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

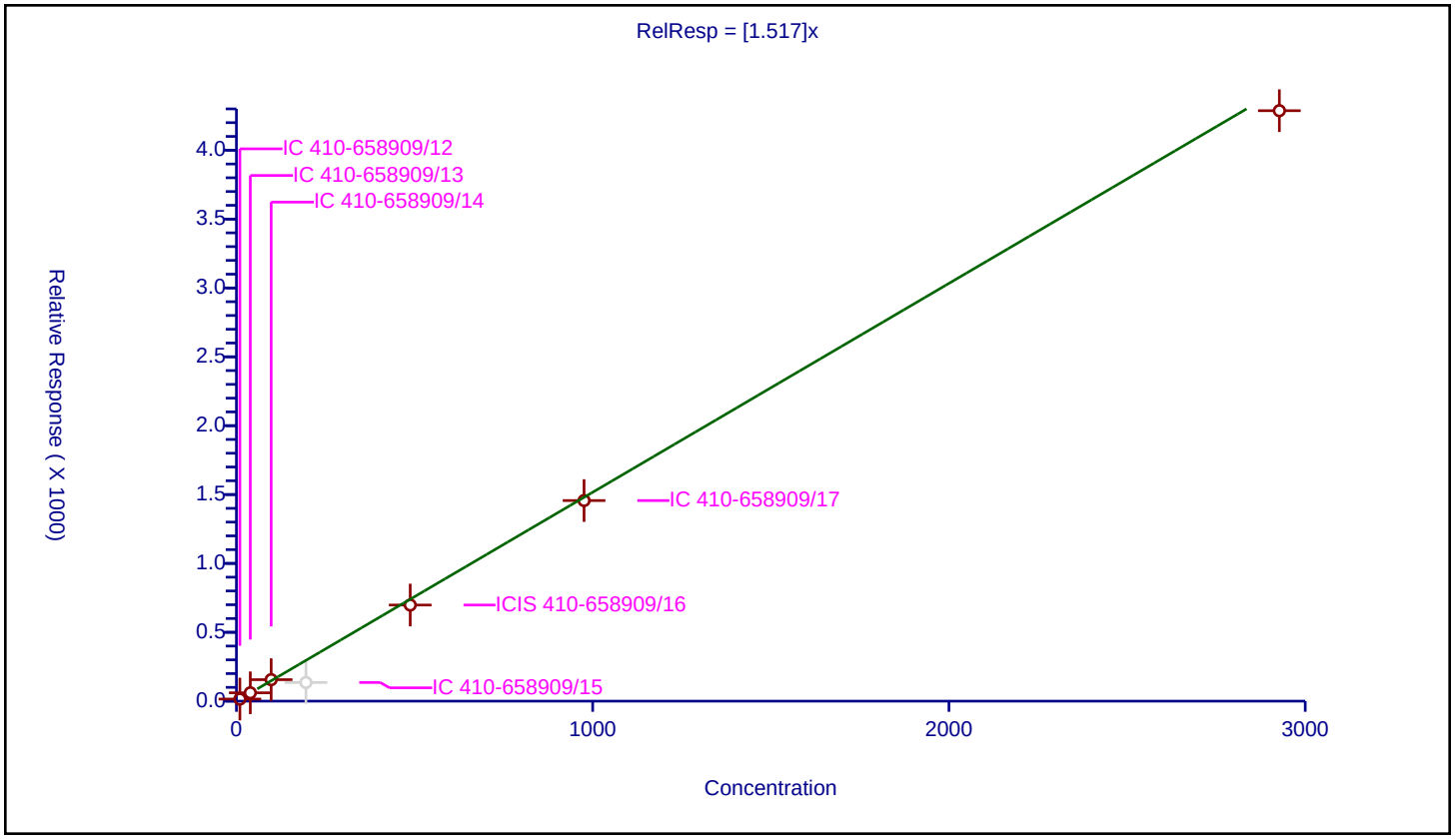
Curve Coefficients

Intercept:	0
Slope:	1.517

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	9.758146	15.204652	250.0	387365.0	1.55815	Y
2	IC 410-658909/13	39.032583	60.69177	250.0	388467.0	1.5549	Y
3	IC 410-658909/14	97.581458	156.032797	250.0	379542.0	1.599	Y
4	IC 410-658909/15	195.162917	135.515198	250.0	915425.0	0.69437	N
5	ICIS 410-658909/16	487.907292	697.80236	250.0	423841.0	1.430195	Y
6	IC 410-658909/17	975.814584	1456.387923	250.0	425553.0	1.492484	Y
7	IC 410-658909/18	2927.443753	4286.905358	250.0	433433.0	1.464385	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

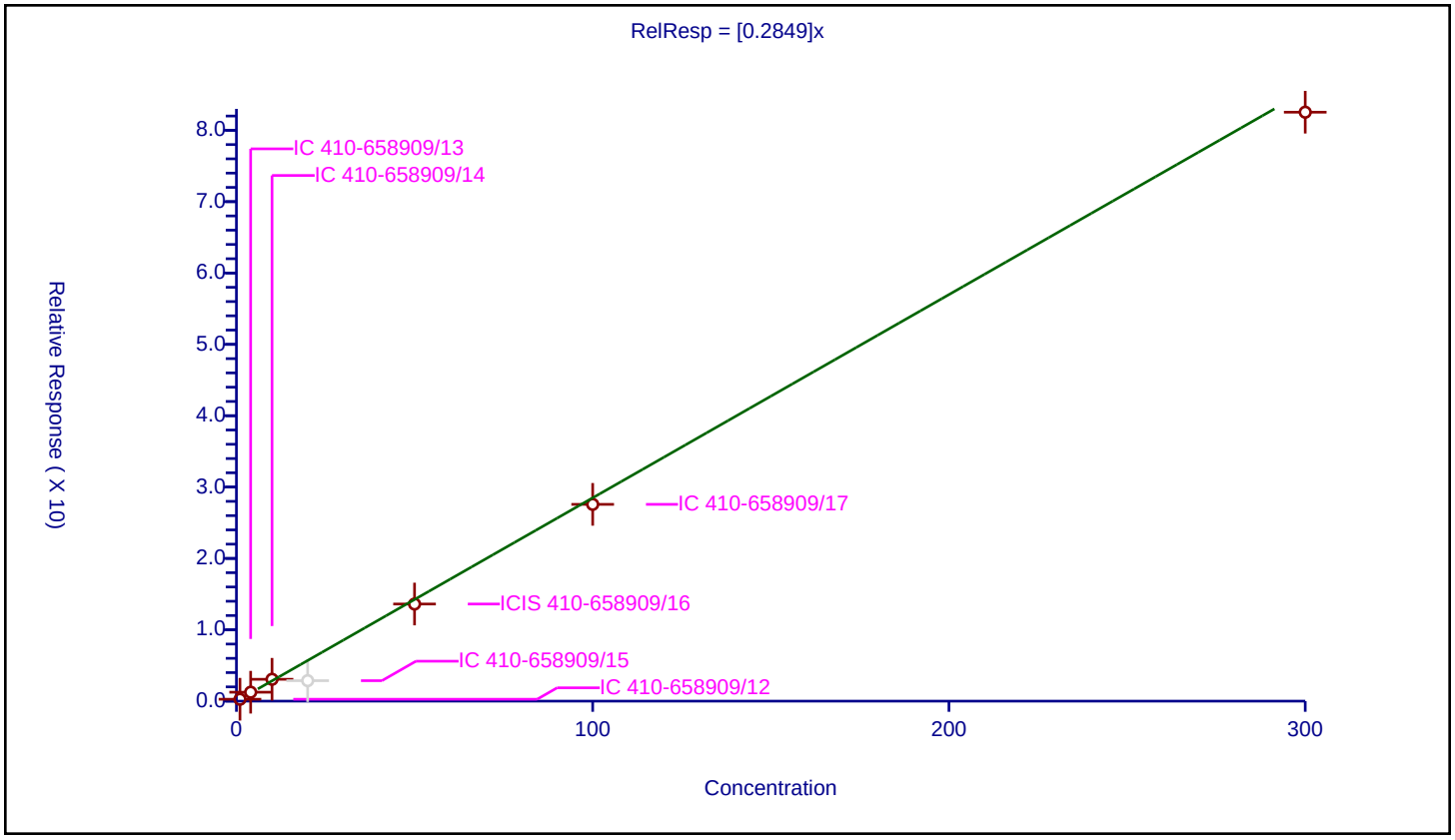
Curve Coefficients

Intercept:	0
Slope:	0.2849

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.267131	50.0	1094969.0	0.267131	Y
2	IC 410-658909/13	4.0	1.251429	50.0	1085839.0	0.312857	Y
3	IC 410-658909/14	10.0	3.06127	50.0	1087849.0	0.306127	Y
4	IC 410-658909/15	20.0	2.870213	50.0	2327528.0	0.143511	N
5	ICIS 410-658909/16	50.0	13.611507	50.0	1125904.0	0.27223	Y
6	IC 410-658909/17	100.0	27.579785	50.0	1188510.0	0.275798	Y
7	IC 410-658909/18	300.0	82.535945	50.0	1221572.0	0.27512	Y



Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

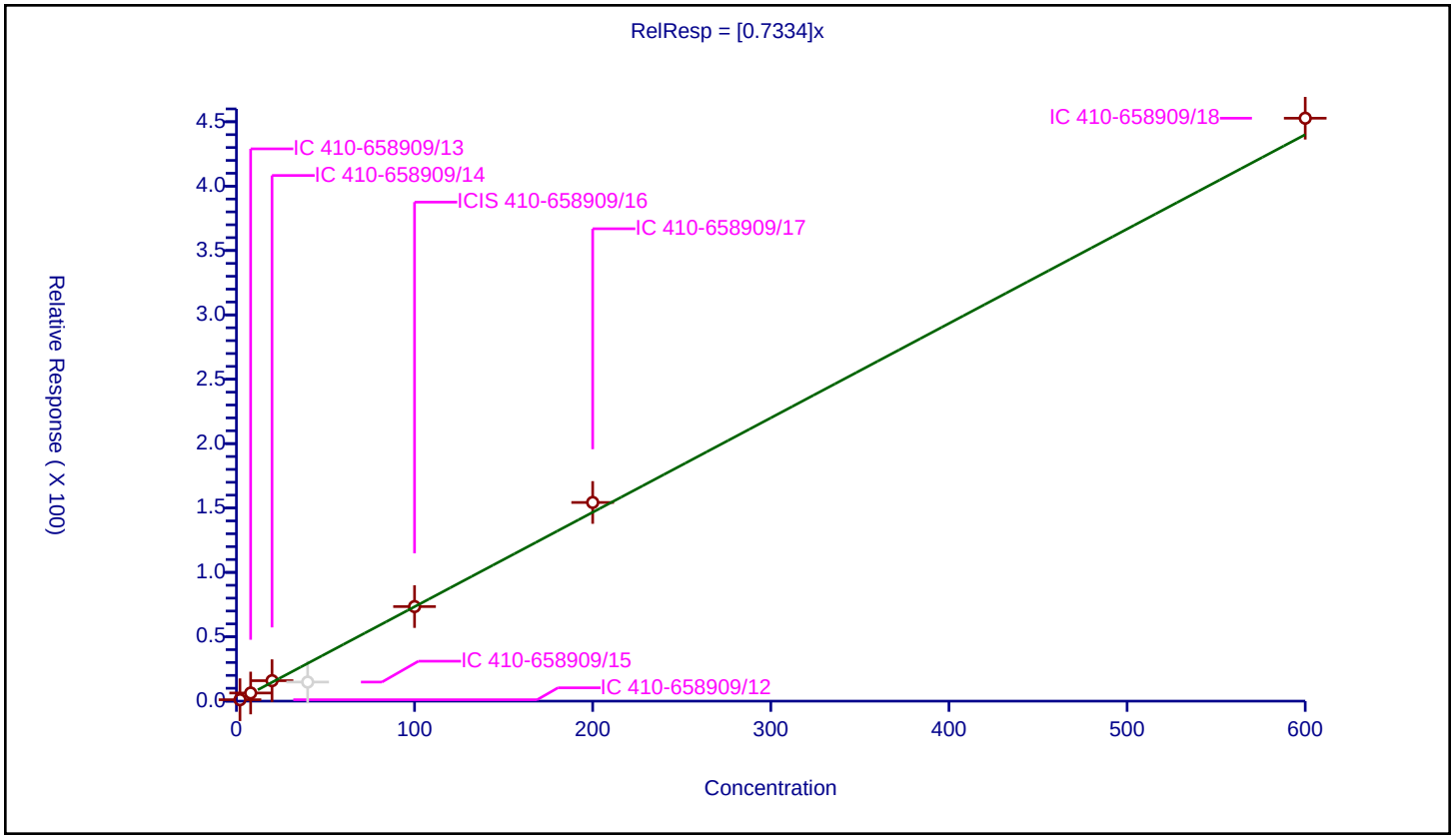
Curve Coefficients

Intercept:	0
Slope:	0.7334

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.0	1.108773	250.0	387365.0	0.554387	Y
2	IC 410-658909/13	8.0	6.324218	250.0	388467.0	0.790527	Y
3	IC 410-658909/14	20.0	15.895474	250.0	379542.0	0.794774	Y
4	IC 410-658909/15	40.0	14.817708	250.0	915425.0	0.370443	N
5	ICIS 410-658909/16	100.0	73.439686	250.0	423841.0	0.734397	Y
6	IC 410-658909/17	200.0	154.303342	250.0	425553.0	0.771517	Y
7	IC 410-658909/18	600.0	452.75279	250.0	433433.0	0.754588	Y



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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

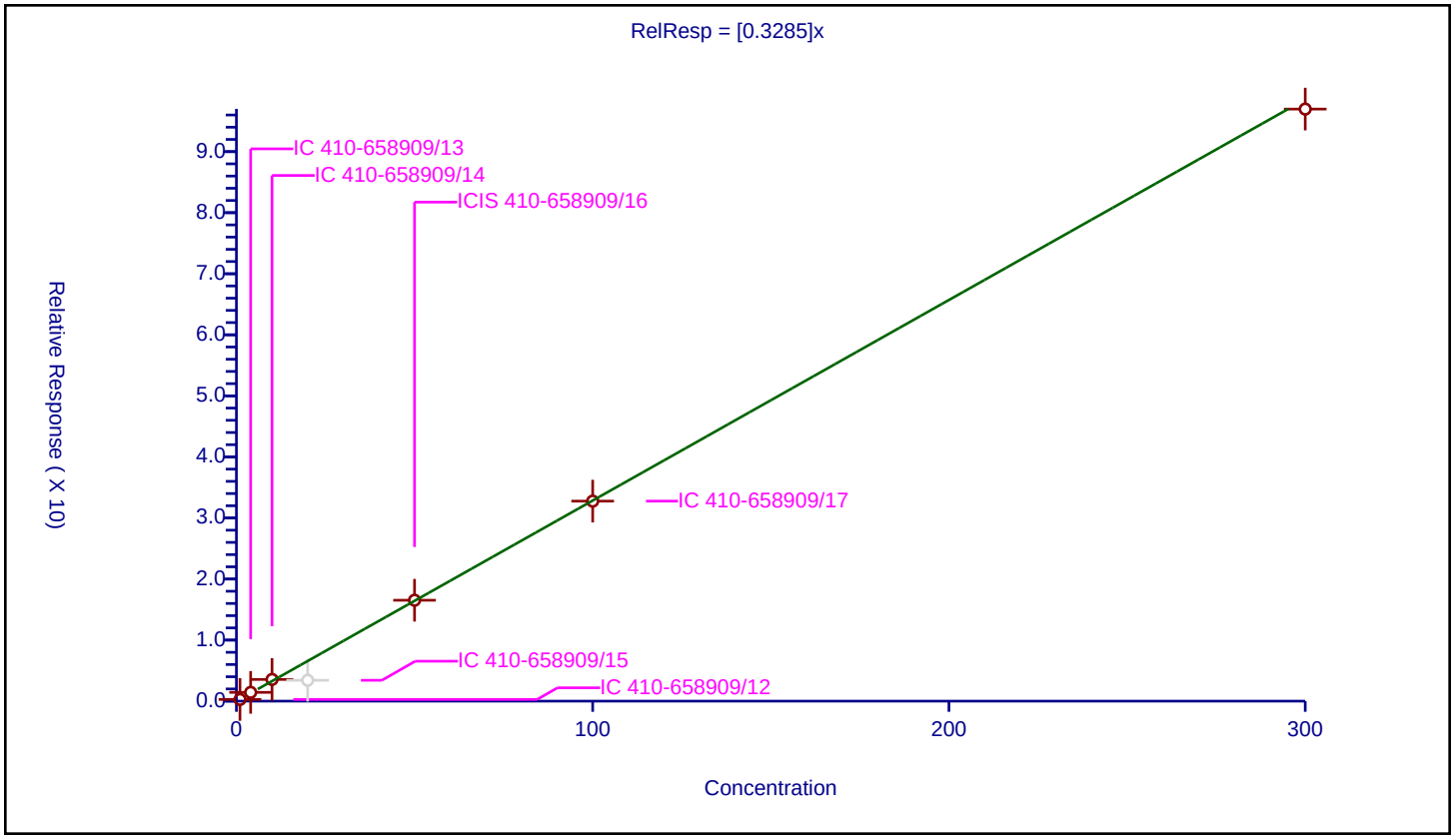
Curve Coefficients

Intercept:	0
Slope:	0.3285

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.275442	50.0	1094969.0	0.275442	Y
2	IC 410-658909/13	4.0	1.436493	50.0	1085839.0	0.359123	Y
3	IC 410-658909/14	10.0	3.552147	50.0	1087849.0	0.355215	Y
4	IC 410-658909/15	20.0	3.41678	50.0	2327528.0	0.170839	N
5	ICIS 410-658909/16	50.0	16.52481	50.0	1125904.0	0.330496	Y
6	IC 410-658909/17	100.0	32.755888	50.0	1188510.0	0.327559	Y
7	IC 410-658909/18	300.0	96.96866	50.0	1221572.0	0.323229	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

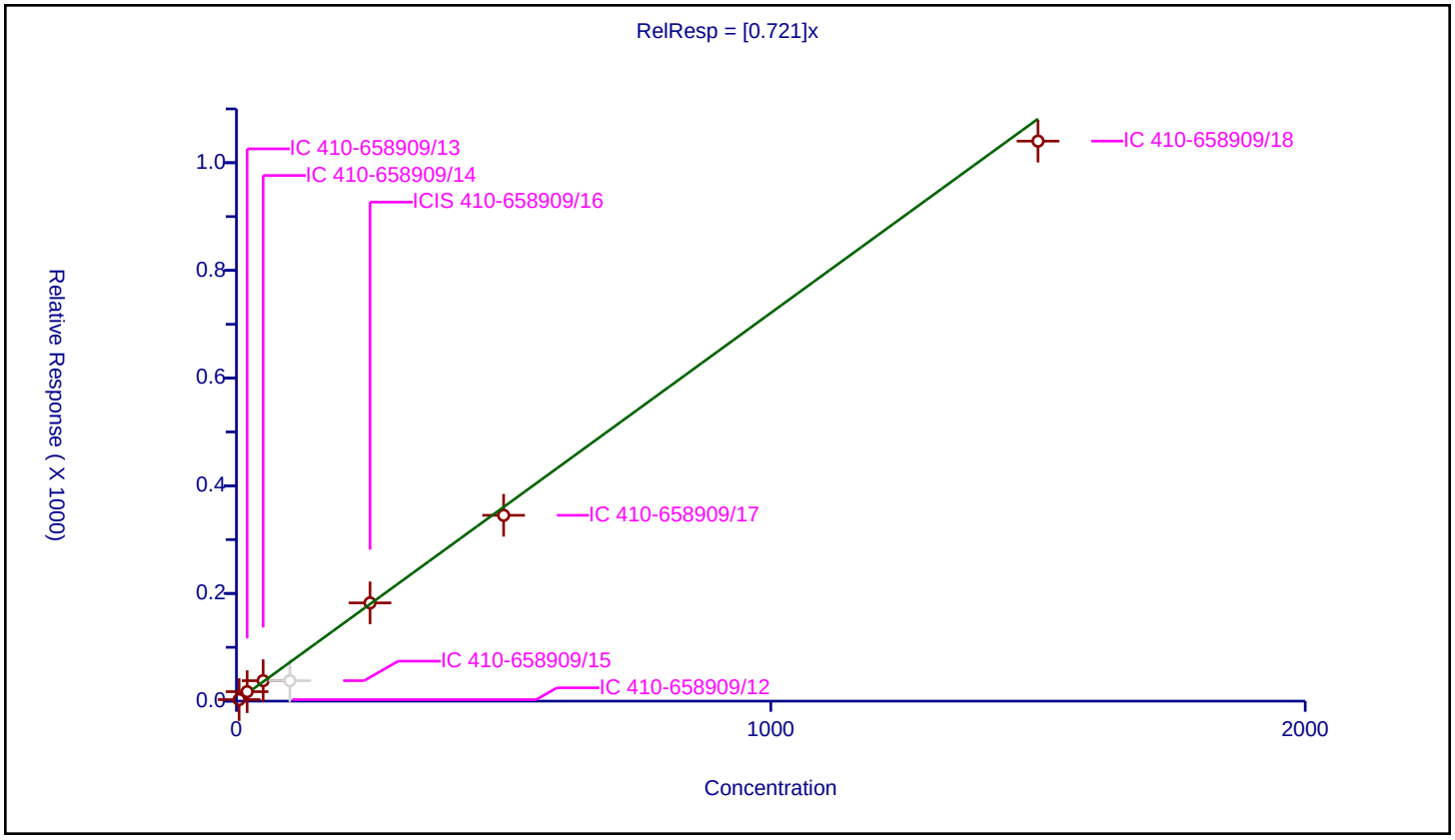
Curve Coefficients

Intercept:	0
Slope:	0.721

Error Coefficients

Relative Standard Deviation:	13.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	5.0	2.867451	250.0	387365.0	0.57349	Y
2	IC 410-658909/13	20.0	17.603168	250.0	388467.0	0.880158	Y
3	IC 410-658909/14	50.0	37.95298	250.0	379542.0	0.75906	Y
4	IC 410-658909/15	100.0	38.032062	250.0	915425.0	0.380321	N
5	ICIS 410-658909/16	250.0	182.439287	250.0	423841.0	0.729757	Y
6	IC 410-658909/17	500.0	345.183209	250.0	425553.0	0.690366	Y
7	IC 410-658909/18	1500.0	1040.161917	250.0	433433.0	0.693441	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

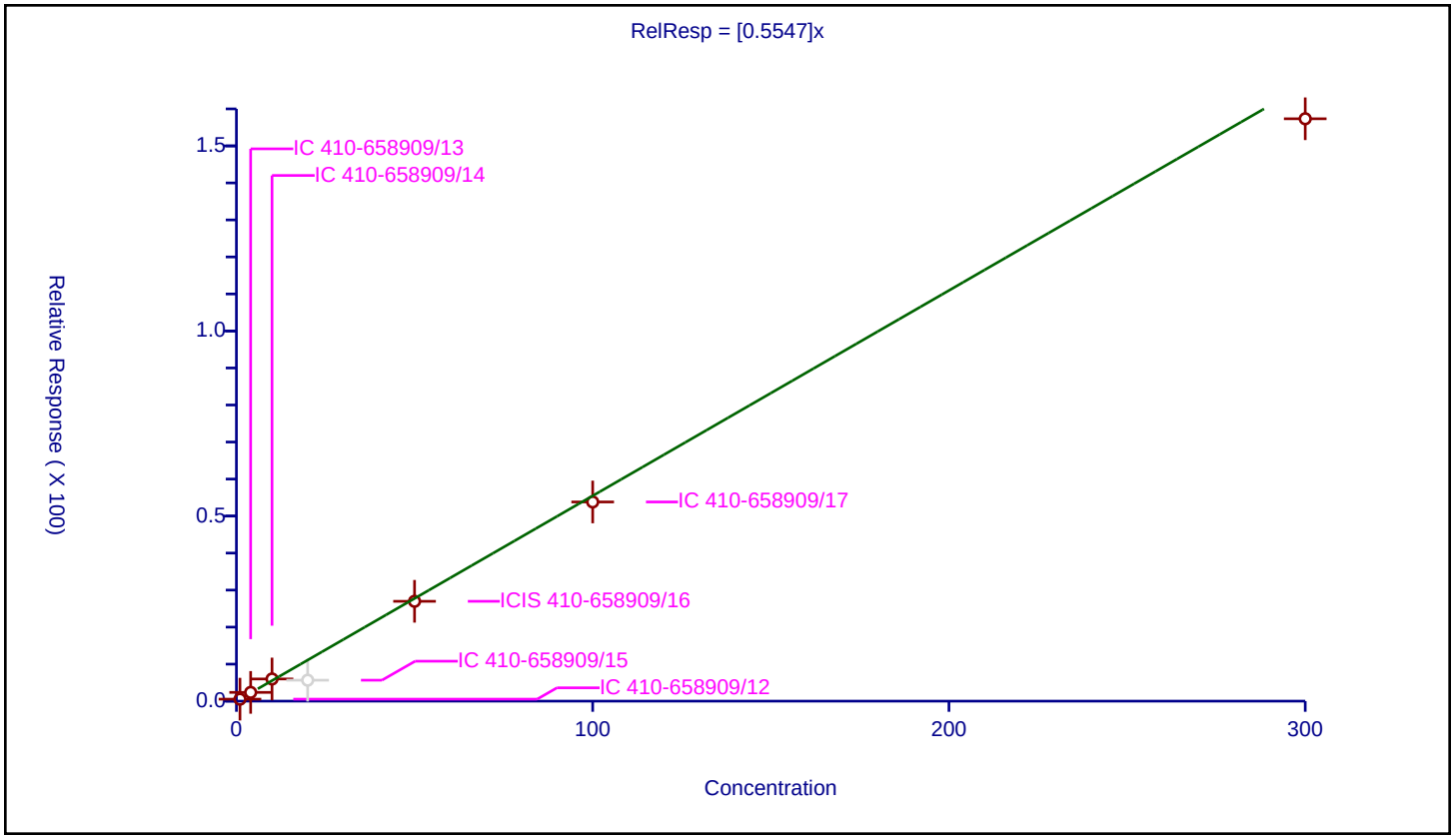
Curve Coefficients

Intercept:	0
Slope:	0.5547

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.536362	50.0	1094969.0	0.536362	Y
2	IC 410-658909/13	4.0	2.363932	50.0	1085839.0	0.590983	Y
3	IC 410-658909/14	10.0	5.989802	50.0	1087849.0	0.59898	Y
4	IC 410-658909/15	20.0	5.656216	50.0	2327528.0	0.282811	N
5	ICIS 410-658909/16	50.0	26.97539	50.0	1125904.0	0.539508	Y
6	IC 410-658909/17	100.0	53.812841	50.0	1188510.0	0.538128	Y
7	IC 410-658909/18	300.0	157.331332	50.0	1221572.0	0.524438	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

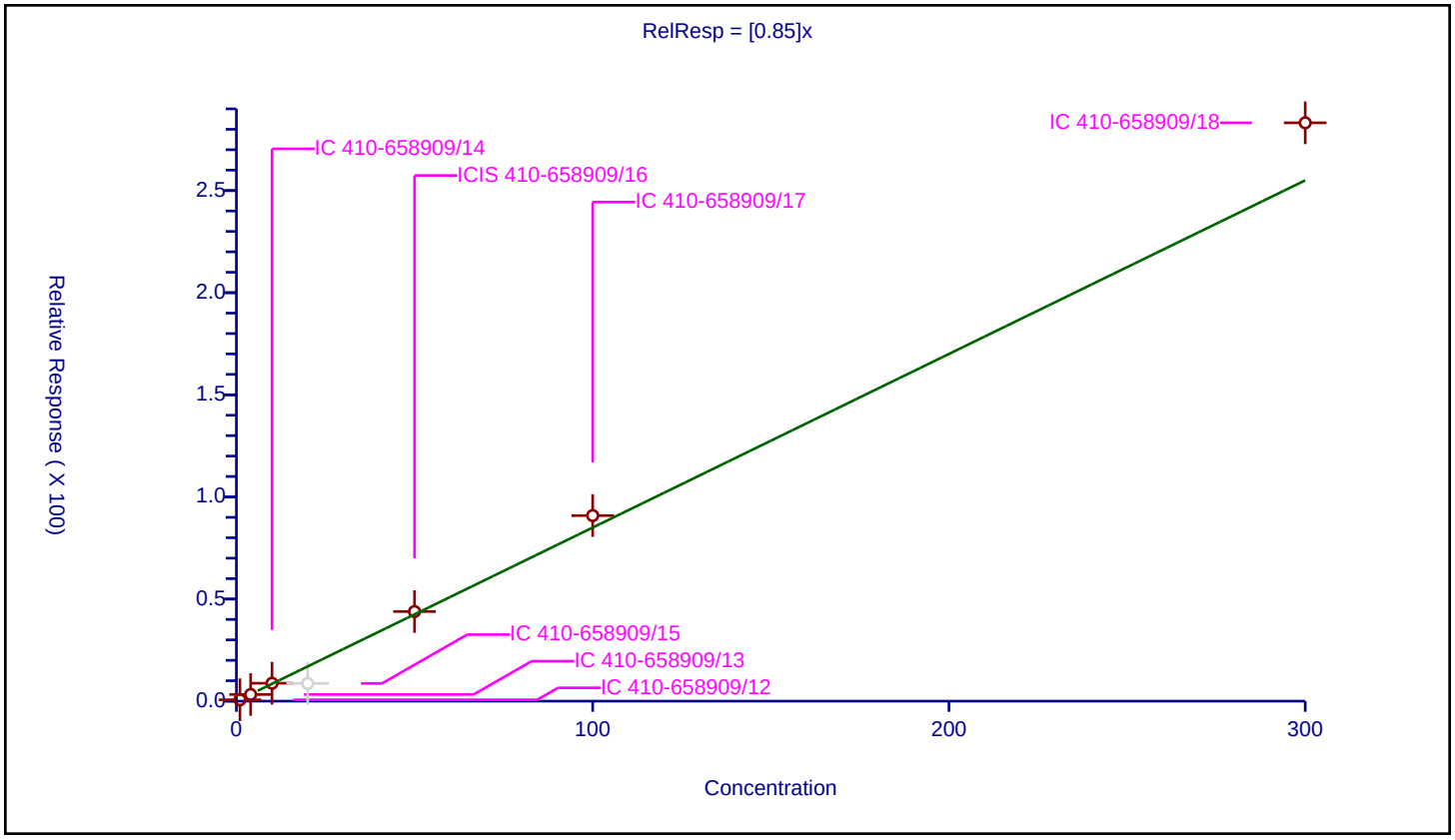
Curve Coefficients

Intercept:	0
Slope:	0.85

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.677782	50.0	1094969.0	0.677782	Y
2	IC 410-658909/13	4.0	3.261671	50.0	1085839.0	0.815418	Y
3	IC 410-658909/14	10.0	8.766428	50.0	1087849.0	0.876643	Y
4	IC 410-658909/15	20.0	8.666942	50.0	2327528.0	0.433347	N
5	ICIS 410-658909/16	50.0	43.872923	50.0	1125904.0	0.877458	Y
6	IC 410-658909/17	100.0	90.859227	50.0	1188510.0	0.908592	Y
7	IC 410-658909/18	300.0	283.176309	50.0	1221572.0	0.943921	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

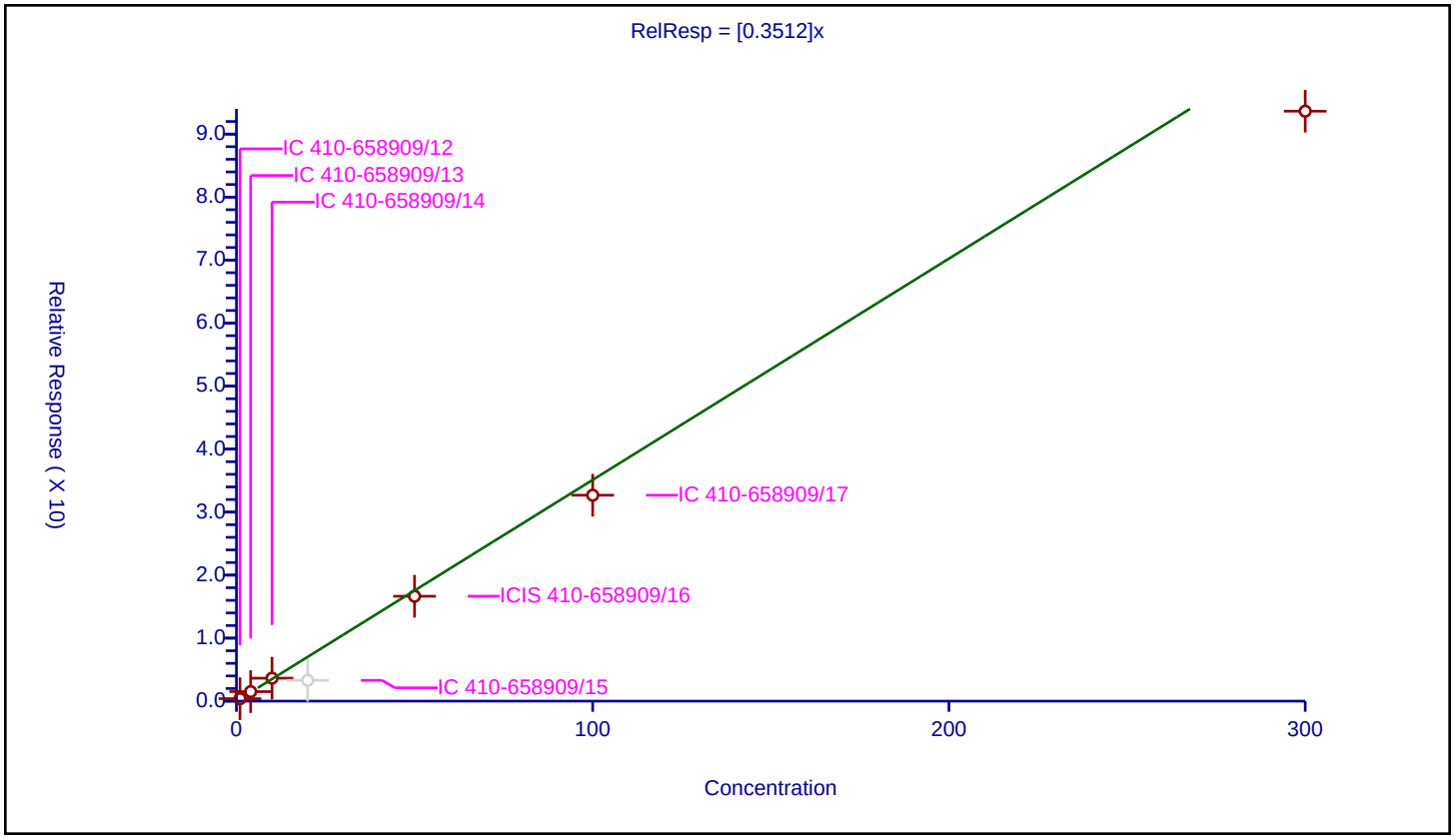
Curve Coefficients

Intercept:	0
Slope:	0.3512

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.392568	50.0	1094969.0	0.392568	Y
2	IC 410-658909/13	4.0	1.512701	50.0	1085839.0	0.378175	Y
3	IC 410-658909/14	10.0	3.643199	50.0	1087849.0	0.36432	Y
4	IC 410-658909/15	20.0	3.302882	50.0	2327528.0	0.165144	N
5	ICIS 410-658909/16	50.0	16.650754	50.0	1125904.0	0.333015	Y
6	IC 410-658909/17	100.0	32.684075	50.0	1188510.0	0.326841	Y
7	IC 410-658909/18	300.0	93.634473	50.0	1221572.0	0.312115	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

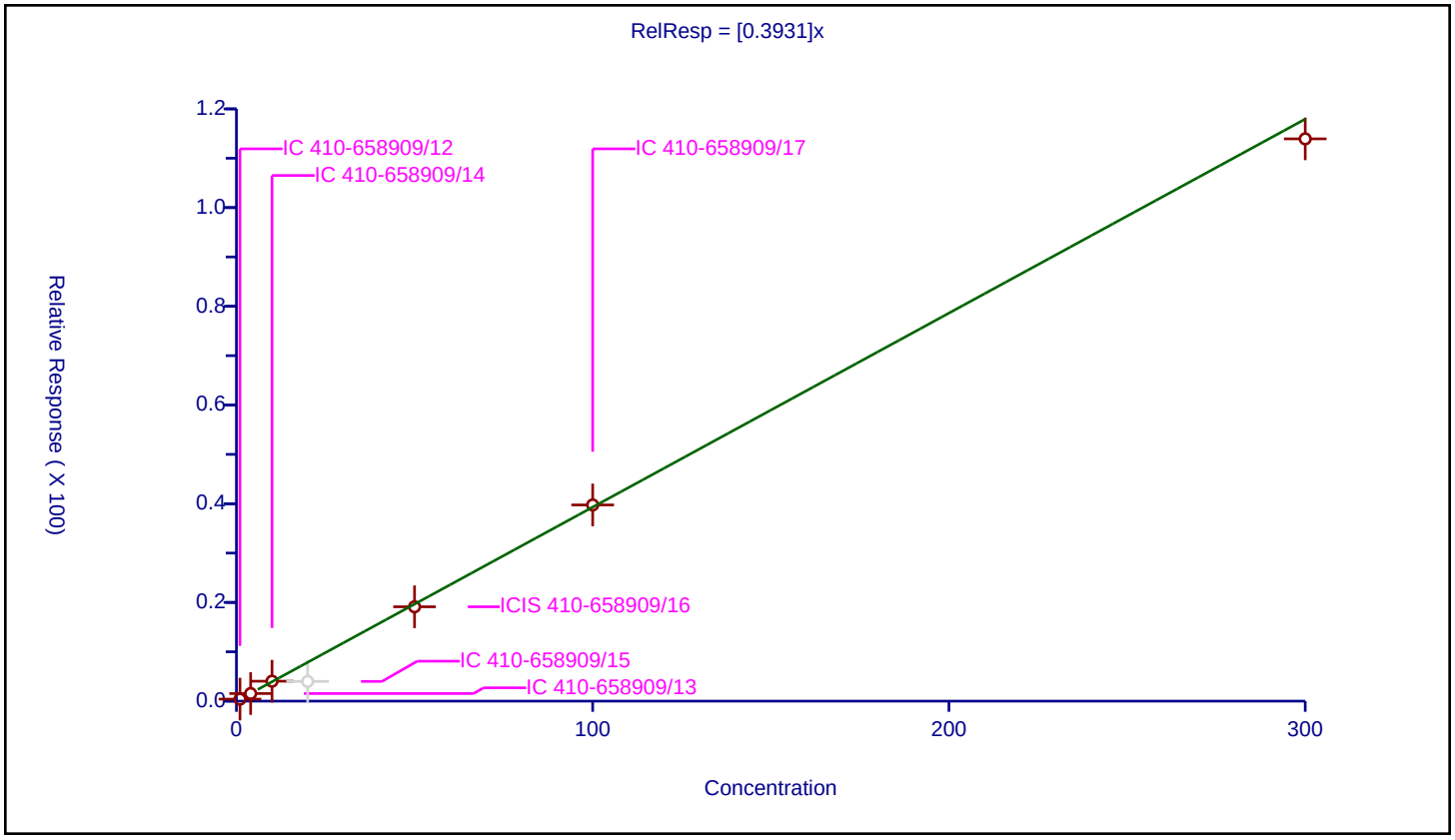
Curve Coefficients

Intercept:	0
Slope:	0.3931

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.40919	50.0	1094969.0	0.40919	Y
2	IC 410-658909/13	4.0	1.542586	50.0	1085839.0	0.385646	Y
3	IC 410-658909/14	10.0	4.041278	50.0	1087849.0	0.404128	Y
4	IC 410-658909/15	20.0	3.997095	50.0	2327528.0	0.199855	N
5	ICIS 410-658909/16	50.0	19.118459	50.0	1125904.0	0.382369	Y
6	IC 410-658909/17	100.0	39.751916	50.0	1188510.0	0.397519	Y
7	IC 410-658909/18	300.0	113.927996	50.0	1221572.0	0.37976	Y



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Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

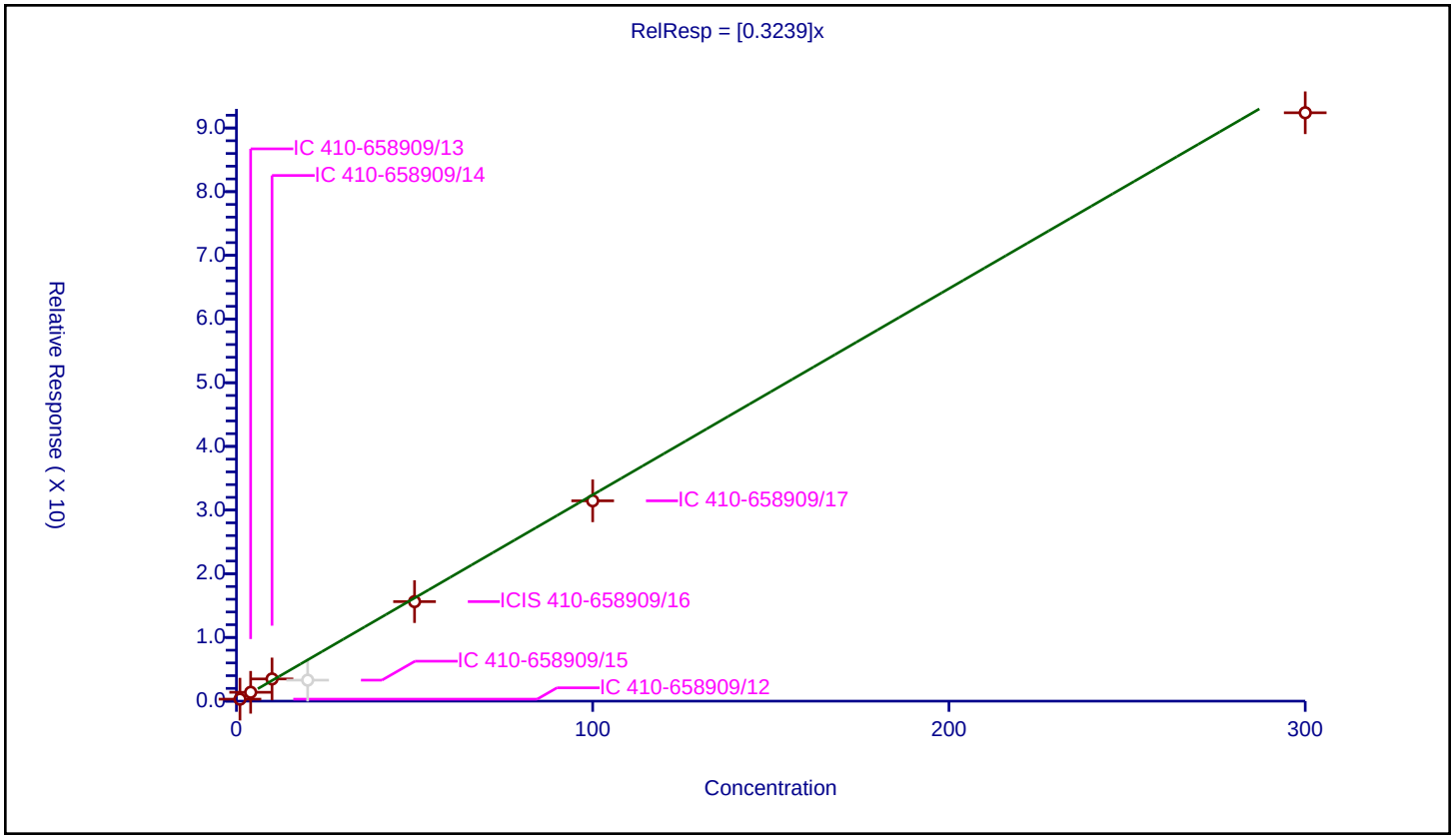
Curve Coefficients

Intercept:	0
Slope:	0.3239

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.311927	50.0	1094969.0	0.311927	Y
2	IC 410-658909/13	4.0	1.390906	50.0	1085839.0	0.347727	Y
3	IC 410-658909/14	10.0	3.486467	50.0	1087849.0	0.348647	Y
4	IC 410-658909/15	20.0	3.2985	50.0	2327528.0	0.164925	N
5	ICIS 410-658909/16	50.0	15.626066	50.0	1125904.0	0.312521	Y
6	IC 410-658909/17	100.0	31.456824	50.0	1188510.0	0.314568	Y
7	IC 410-658909/18	300.0	92.392139	50.0	1221572.0	0.307974	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

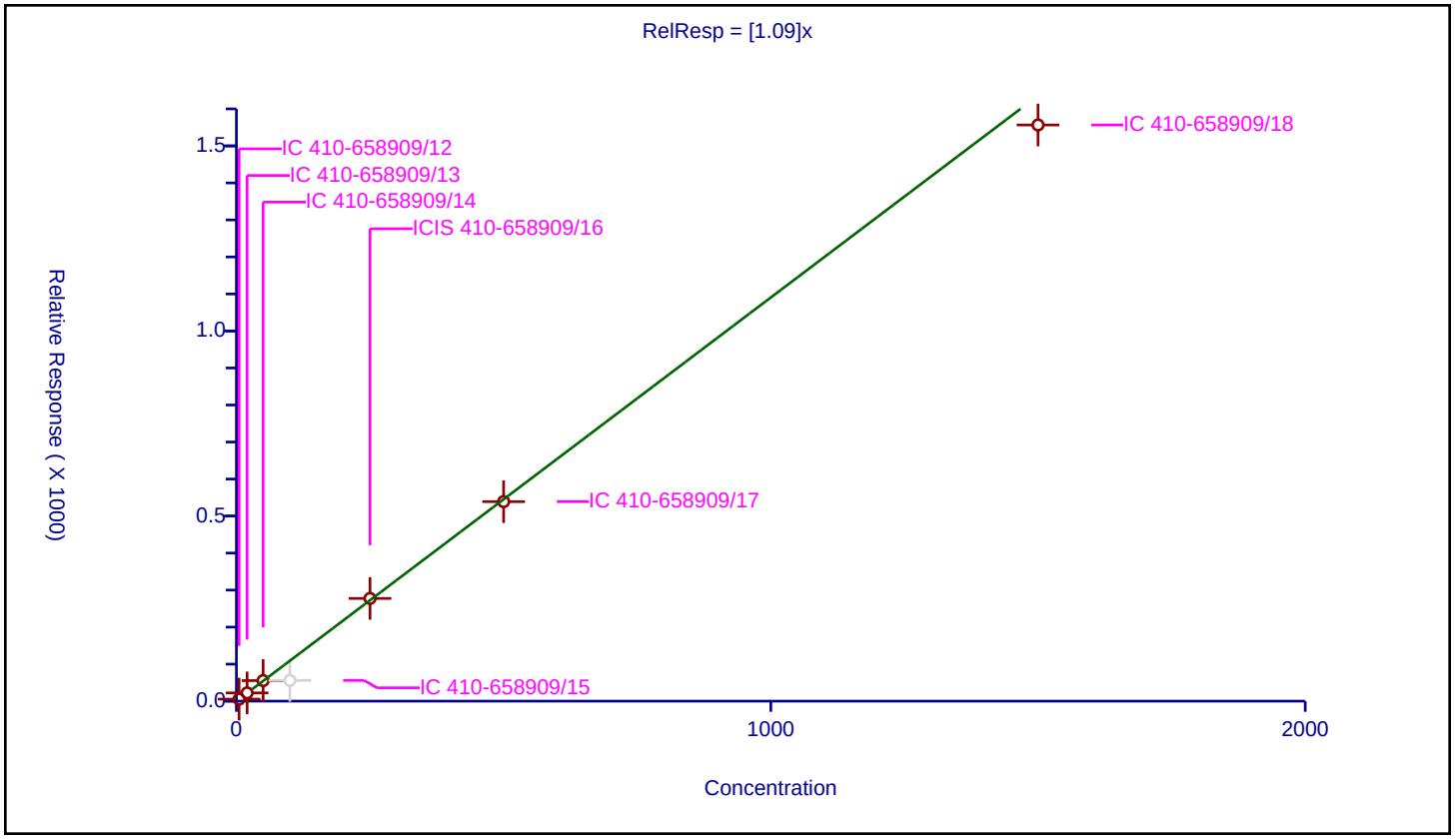
Curve Coefficients

Intercept:	0
Slope:	1.09

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	5.0	5.45674	250.0	387365.0	1.091348	Y
2	IC 410-658909/13	20.0	22.303053	250.0	388467.0	1.115153	Y
3	IC 410-658909/14	50.0	55.542601	250.0	379542.0	1.110852	Y
4	IC 410-658909/15	100.0	55.997214	250.0	915425.0	0.559972	N
5	ICIS 410-658909/16	250.0	277.45723	250.0	423841.0	1.109829	Y
6	IC 410-658909/17	500.0	538.996905	250.0	425553.0	1.077994	Y
7	IC 410-658909/18	1500.0	1556.509311	250.0	433433.0	1.037673	Y



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Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

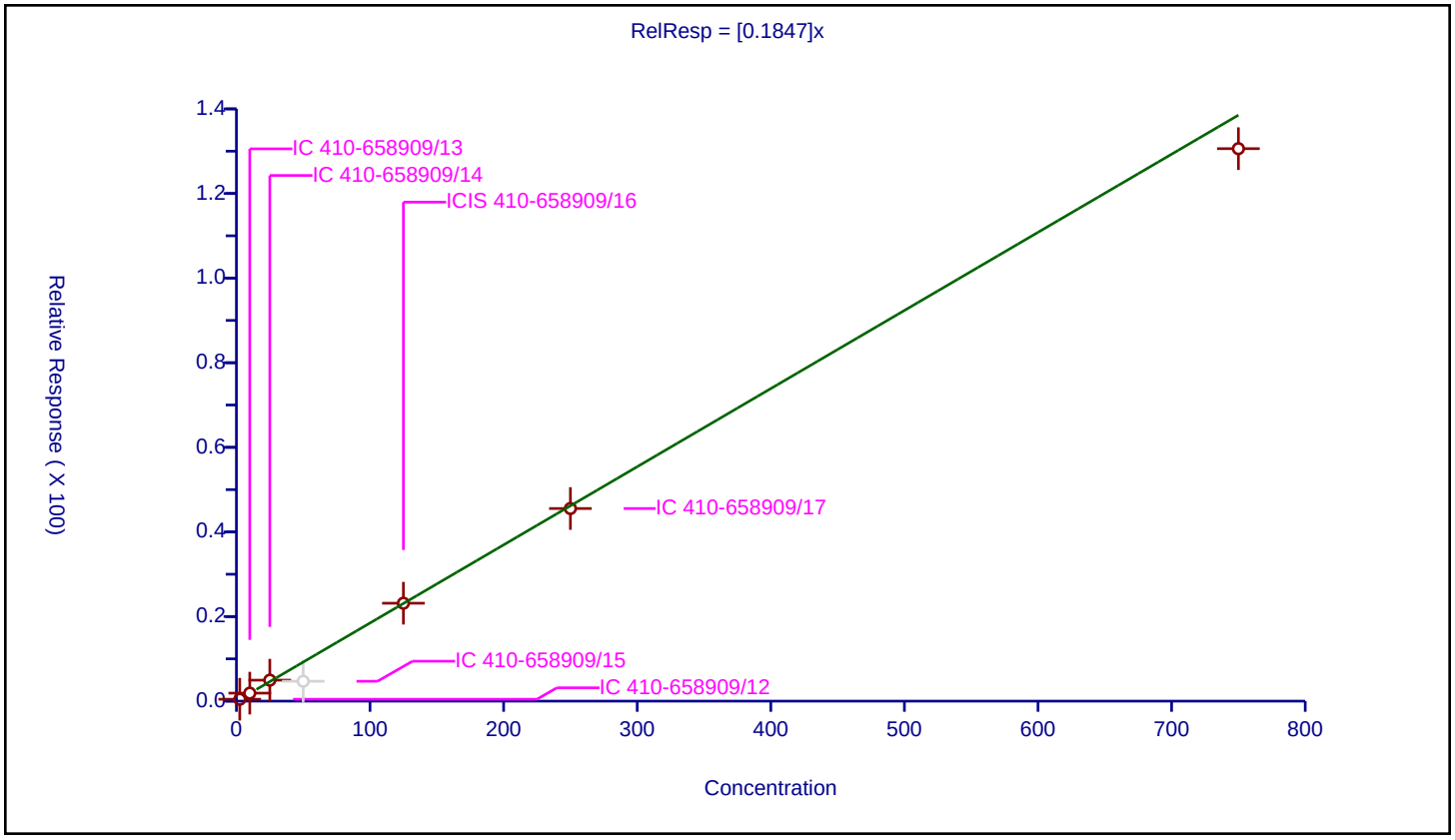
Curve Coefficients

Intercept:	0
Slope:	0.1847

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.5	0.447775	50.0	1094969.0	0.17911	Y
2	IC 410-658909/13	10.0	1.893236	50.0	1085839.0	0.189324	Y
3	IC 410-658909/14	25.0	4.958179	50.0	1087849.0	0.198327	Y
4	IC 410-658909/15	50.0	4.699836	50.0	2327528.0	0.093997	N
5	ICIS 410-658909/16	125.0	23.146867	50.0	1125904.0	0.185175	Y
6	IC 410-658909/17	250.0	45.537311	50.0	1188510.0	0.182149	Y
7	IC 410-658909/18	750.0	130.597337	50.0	1221572.0	0.17413	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

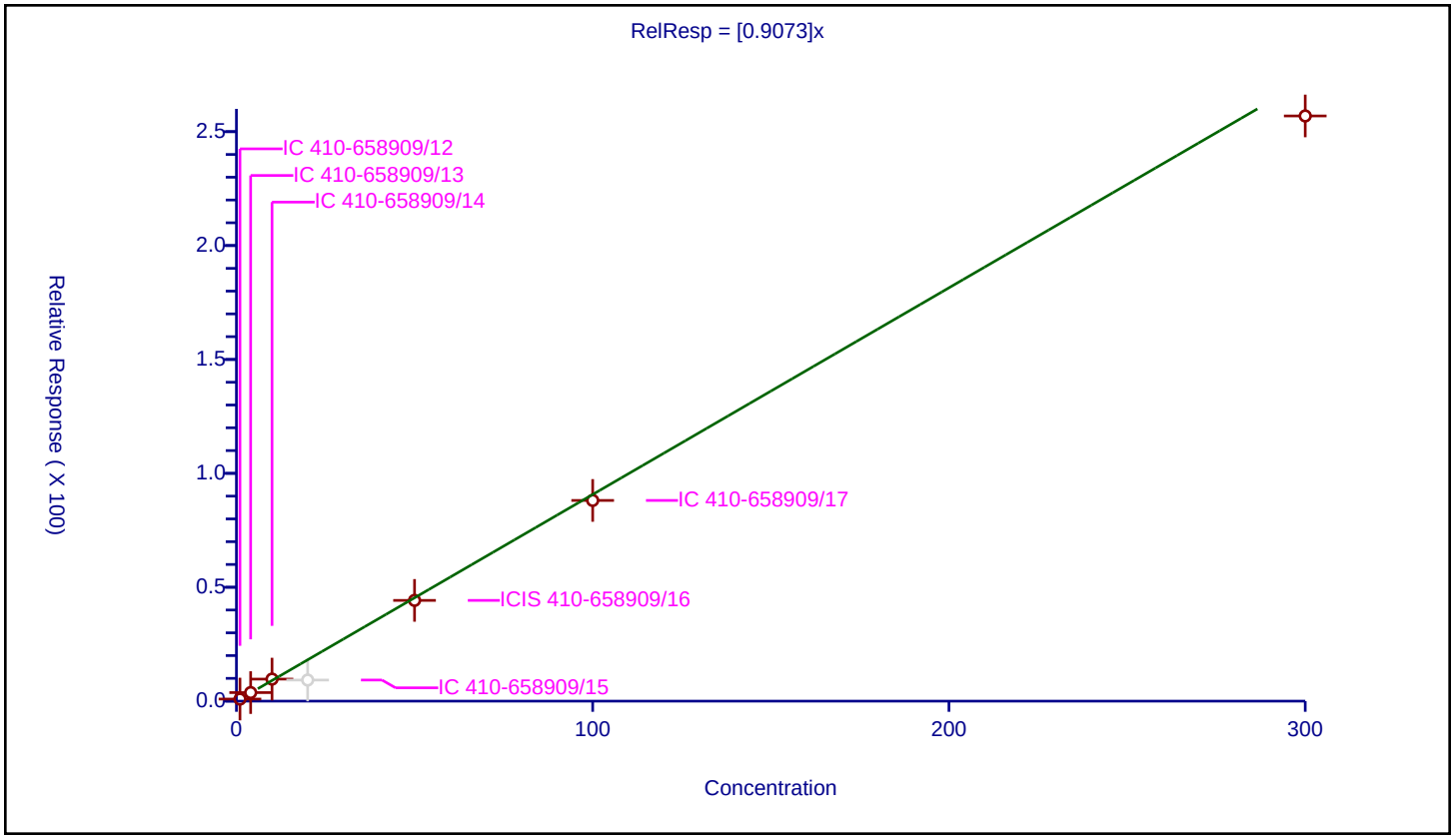
Curve Coefficients

Intercept:	0
Slope:	0.9073

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.913359	50.0	1094969.0	0.913359	Y
2	IC 410-658909/13	4.0	3.760963	50.0	1085839.0	0.940241	Y
3	IC 410-658909/14	10.0	9.68025	50.0	1087849.0	0.968025	Y
4	IC 410-658909/15	20.0	9.270995	50.0	2327528.0	0.46355	N
5	ICIS 410-658909/16	50.0	44.227927	50.0	1125904.0	0.884559	Y
6	IC 410-658909/17	100.0	88.105443	50.0	1188510.0	0.881054	Y
7	IC 410-658909/18	300.0	256.900289	50.0	1221572.0	0.856334	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

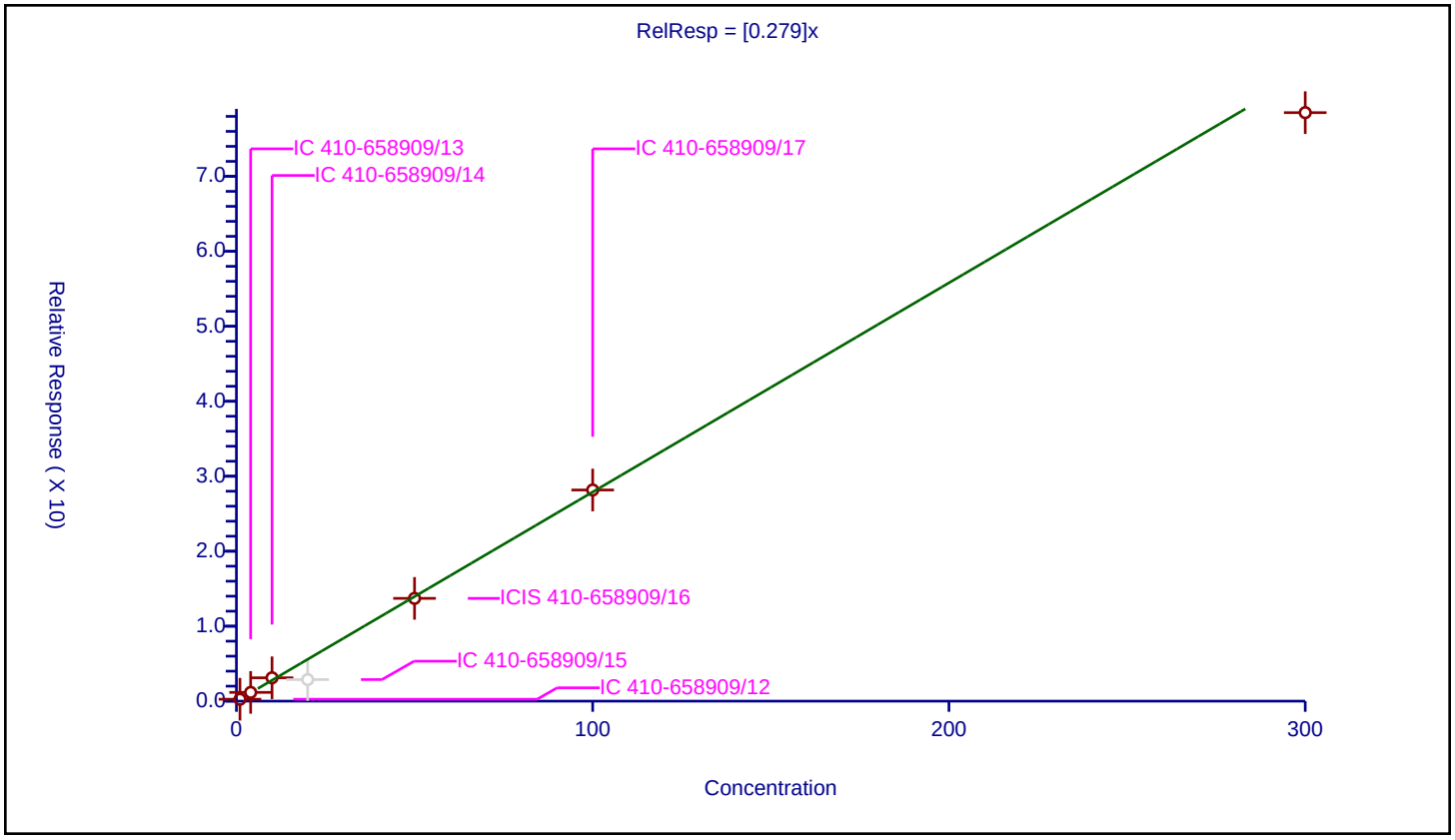
Curve Coefficients

Intercept:	0
Slope:	0.279

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.253204	50.0	1094969.0	0.253204	Y
2	IC 410-658909/13	4.0	1.166333	50.0	1085839.0	0.291583	Y
3	IC 410-658909/14	10.0	3.115414	50.0	1087849.0	0.311541	Y
4	IC 410-658909/15	20.0	2.874294	50.0	2327528.0	0.143715	N
5	ICIS 410-658909/16	50.0	13.709561	50.0	1125904.0	0.274191	Y
6	IC 410-658909/17	100.0	28.162657	50.0	1188510.0	0.281627	Y
7	IC 410-658909/18	300.0	78.499262	50.0	1221572.0	0.261664	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

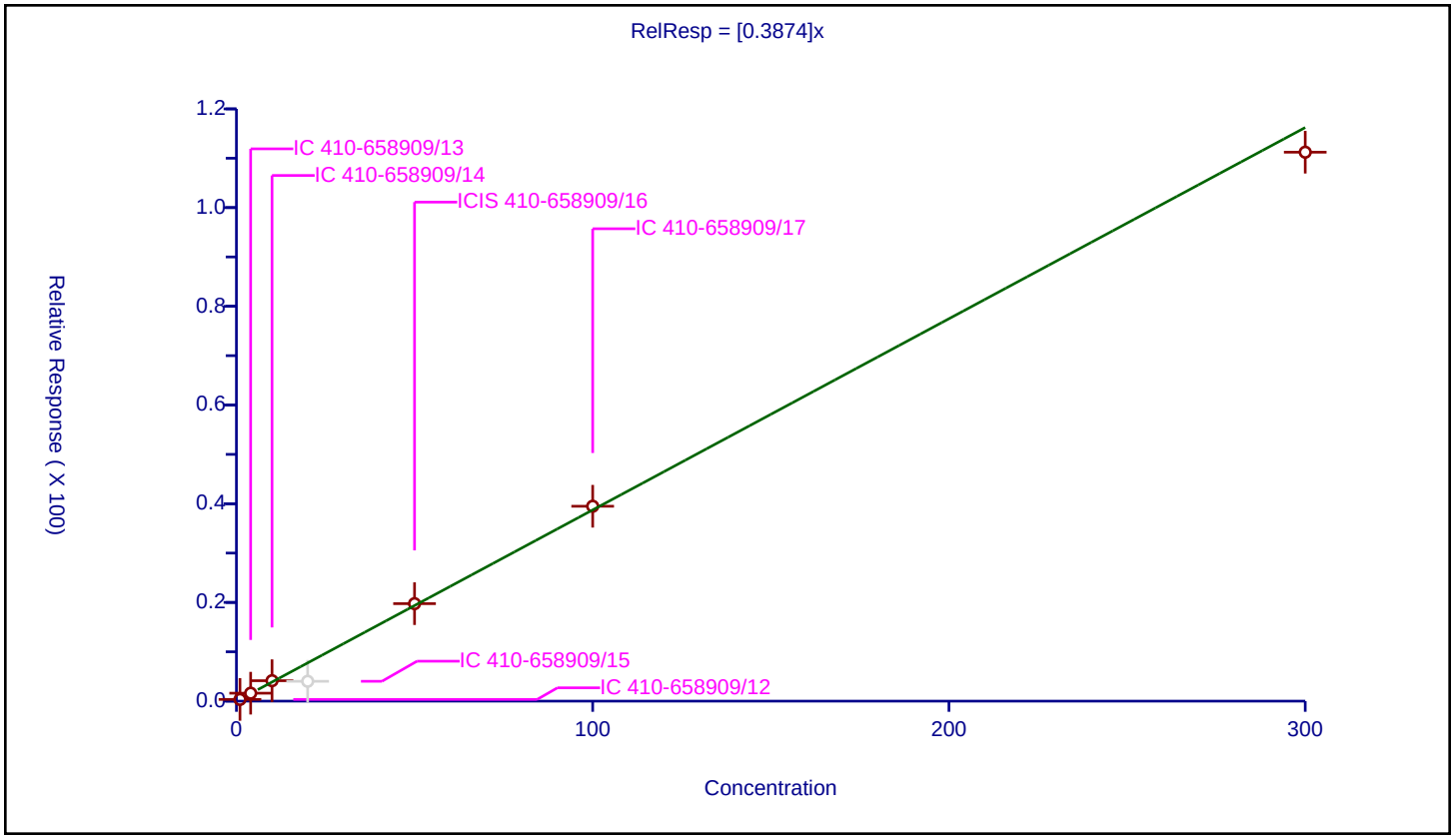
Curve Coefficients

Intercept:	0
Slope:	0.3874

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.34695	50.0	1094969.0	0.34695	Y
2	IC 410-658909/13	4.0	1.61115	50.0	1085839.0	0.402788	Y
3	IC 410-658909/14	10.0	4.139637	50.0	1087849.0	0.413964	Y
4	IC 410-658909/15	20.0	4.024355	50.0	2327528.0	0.201218	N
5	ICIS 410-658909/16	50.0	19.753061	50.0	1125904.0	0.395061	Y
6	IC 410-658909/17	100.0	39.49138	50.0	1188510.0	0.394914	Y
7	IC 410-658909/18	300.0	111.227009	50.0	1221572.0	0.370757	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

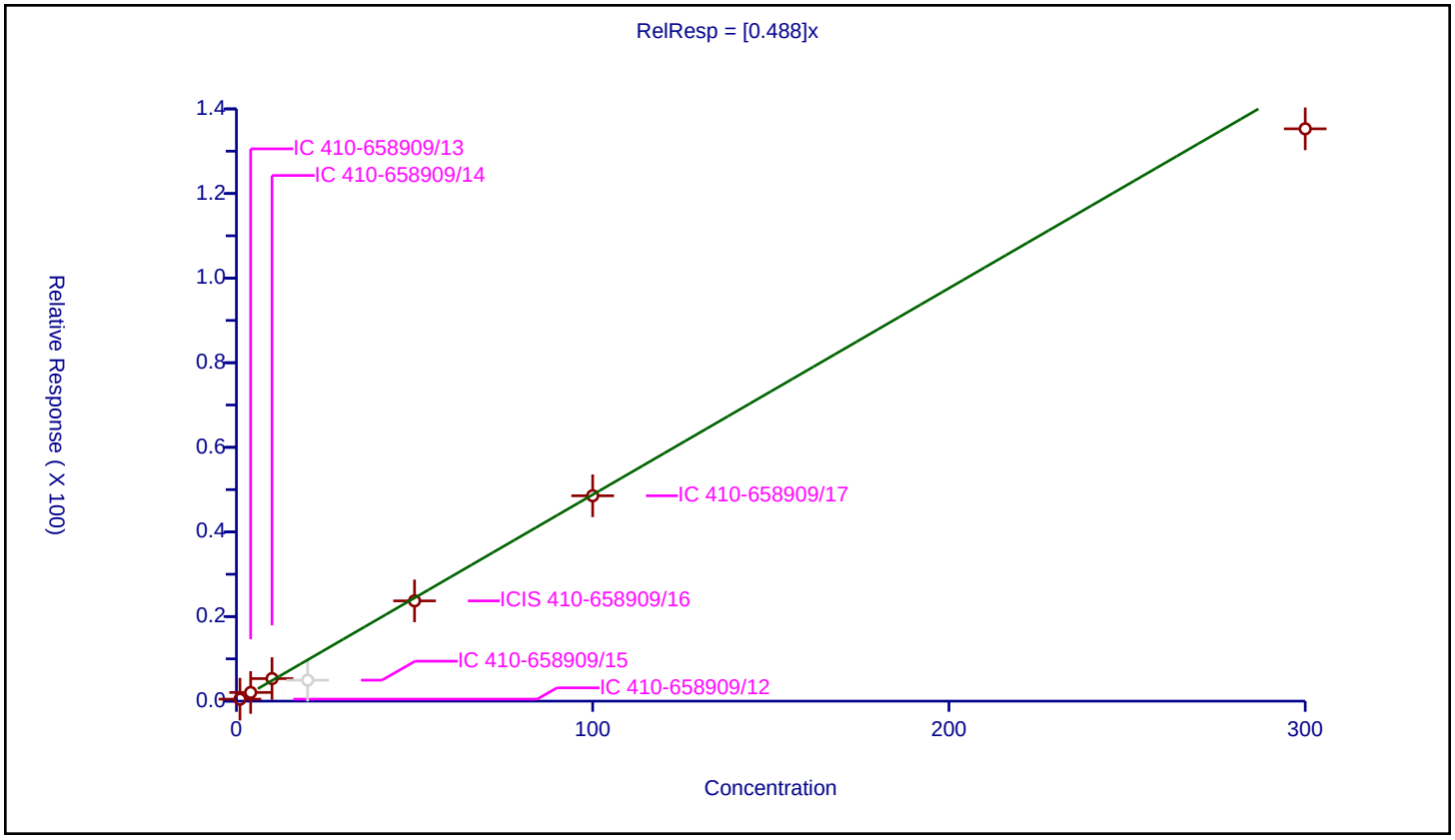
Curve Coefficients

Intercept:	0
Slope:	0.488

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.470333	50.0	1094969.0	0.470333	Y
2	IC 410-658909/13	4.0	2.058639	50.0	1085839.0	0.51466	Y
3	IC 410-658909/14	10.0	5.327256	50.0	1087849.0	0.532726	Y
4	IC 410-658909/15	20.0	4.95805	50.0	2327528.0	0.247902	N
5	ICIS 410-658909/16	50.0	23.701088	50.0	1125904.0	0.474022	Y
6	IC 410-658909/17	100.0	48.553693	50.0	1188510.0	0.485537	Y
7	IC 410-658909/18	300.0	135.293049	50.0	1221572.0	0.450977	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

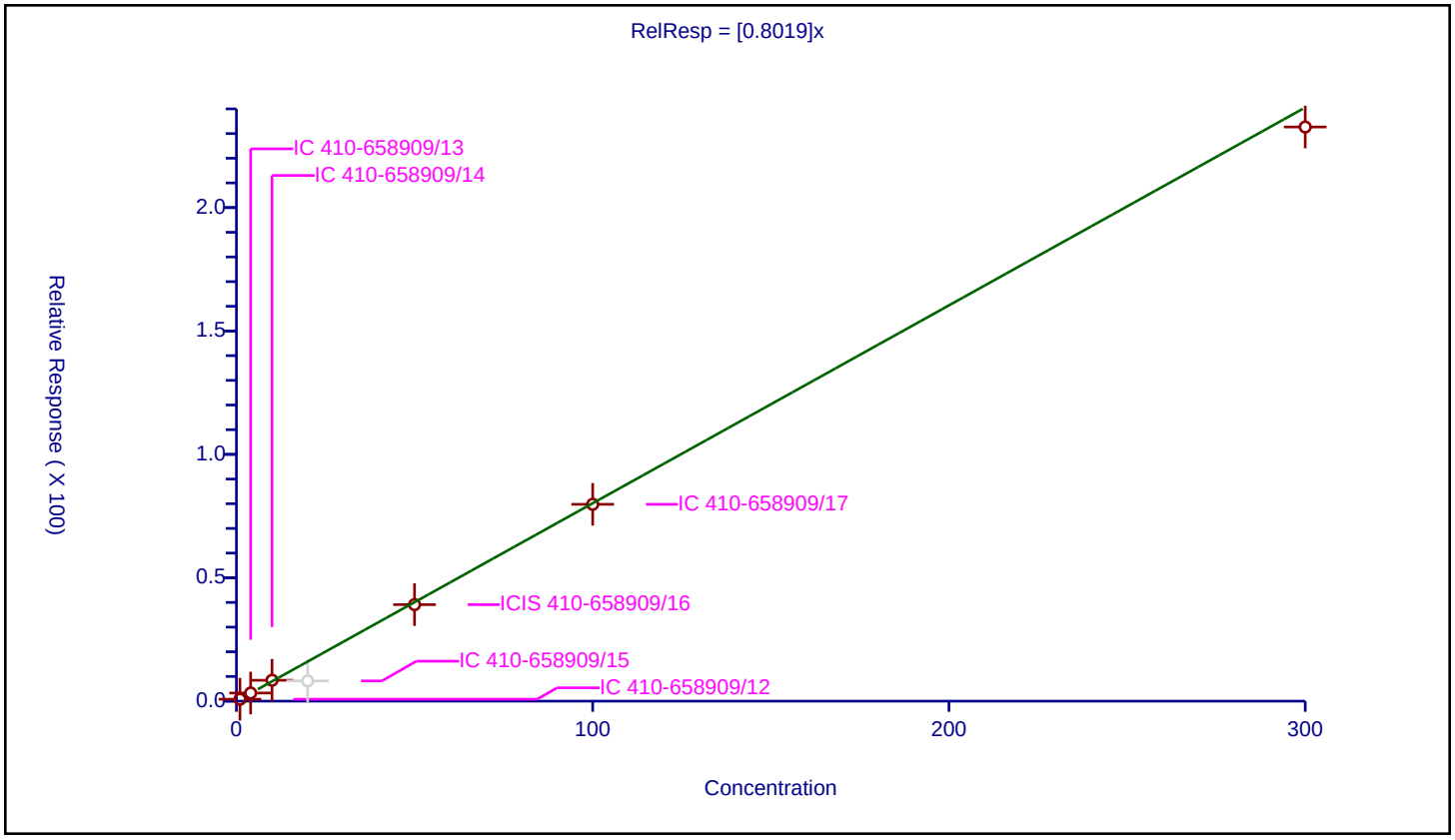
Curve Coefficients

Intercept:	0
Slope:	0.8019

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.784223	50.0	1094969.0	0.784223	Y
2	IC 410-658909/13	4.0	3.298693	50.0	1085839.0	0.824673	Y
3	IC 410-658909/14	10.0	8.468776	50.0	1087849.0	0.846878	Y
4	IC 410-658909/15	20.0	8.195326	50.0	2327528.0	0.409766	N
5	ICIS 410-658909/16	50.0	39.11035	50.0	1125904.0	0.782207	Y
6	IC 410-658909/17	100.0	79.771142	50.0	1188510.0	0.797711	Y
7	IC 410-658909/18	300.0	232.657879	50.0	1221572.0	0.775526	Y



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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

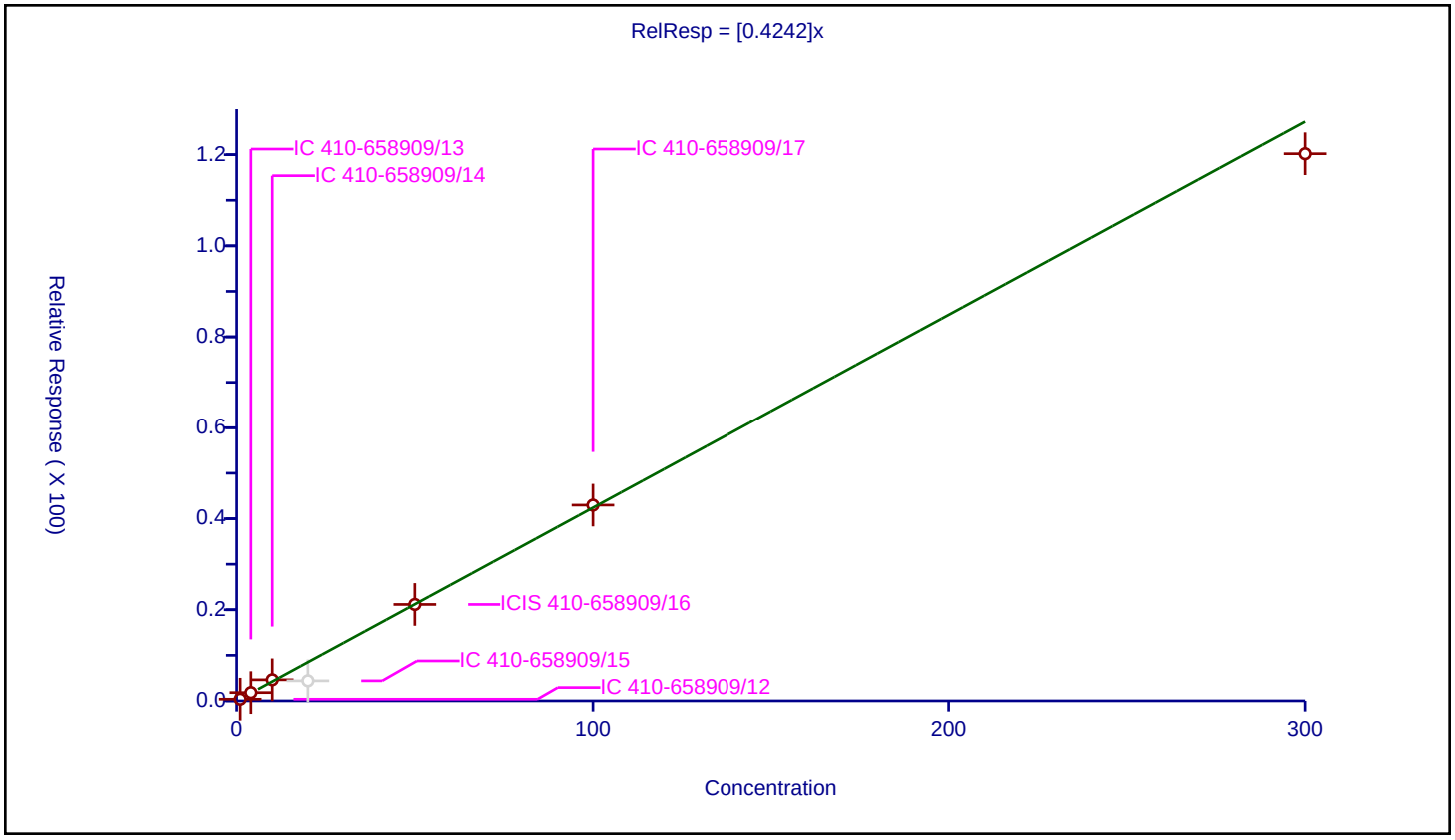
Curve Coefficients

Intercept:	0
Slope:	0.4242

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.374075	50.0	1094969.0	0.374075	Y
2	IC 410-658909/13	4.0	1.817627	50.0	1085839.0	0.454407	Y
3	IC 410-658909/14	10.0	4.628584	50.0	1087849.0	0.462858	Y
4	IC 410-658909/15	20.0	4.404415	50.0	2327528.0	0.220221	N
5	ICIS 410-658909/16	50.0	21.163794	50.0	1125904.0	0.423276	Y
6	IC 410-658909/17	100.0	42.98382	50.0	1188510.0	0.429838	Y
7	IC 410-658909/18	300.0	120.204826	50.0	1221572.0	0.400683	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

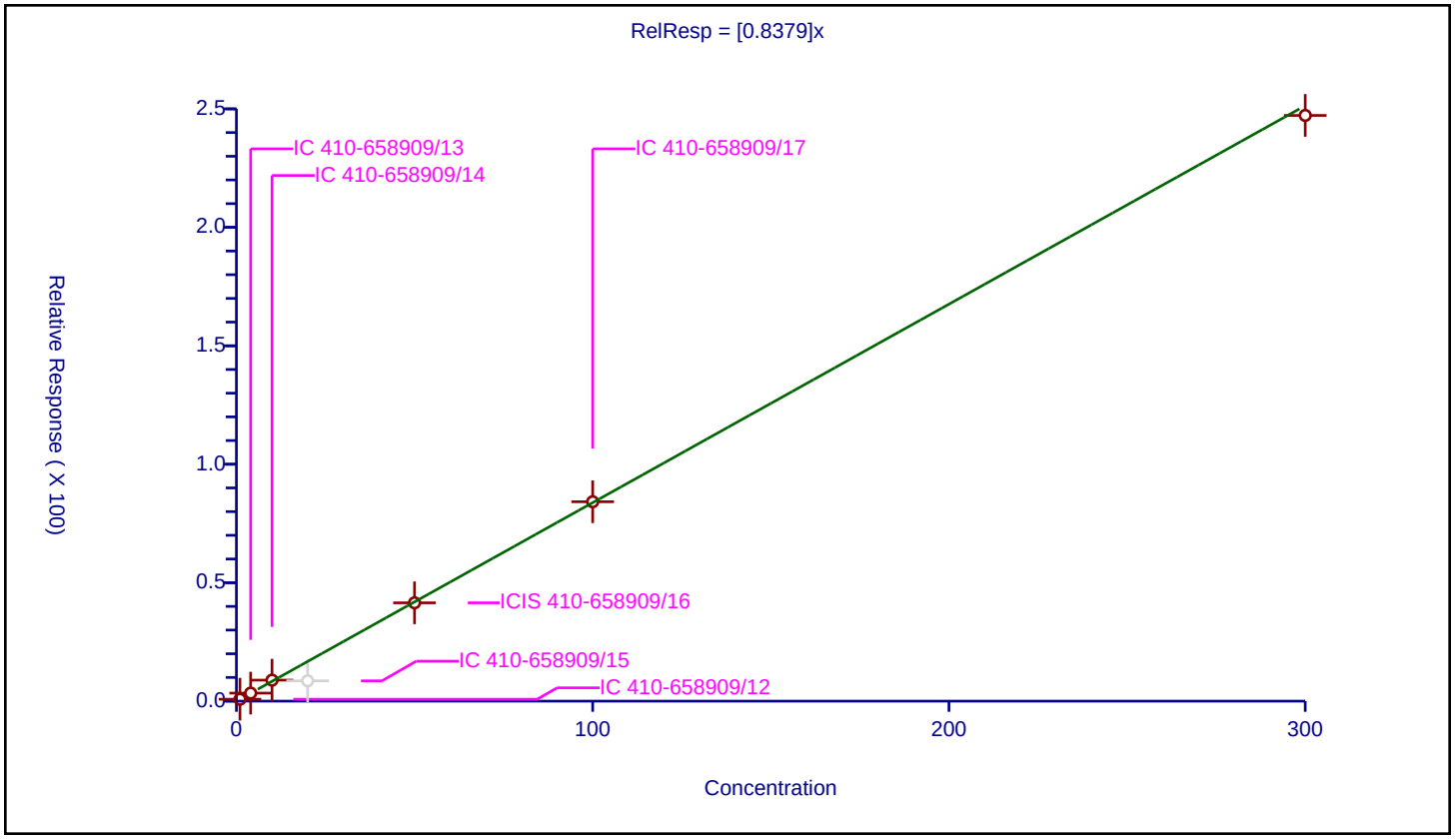
Curve Coefficients

Intercept:	0
Slope:	0.8379

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.798927	50.0	1094969.0	0.798927	Y
2	IC 410-658909/13	4.0	3.384388	50.0	1085839.0	0.846097	Y
3	IC 410-658909/14	10.0	8.863087	50.0	1087849.0	0.886309	Y
4	IC 410-658909/15	20.0	8.572915	50.0	2327528.0	0.428646	N
5	ICIS 410-658909/16	50.0	41.49892	50.0	1125904.0	0.829978	Y
6	IC 410-658909/17	100.0	84.169128	50.0	1188510.0	0.841691	Y
7	IC 410-658909/18	300.0	247.23643	50.0	1221572.0	0.824121	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

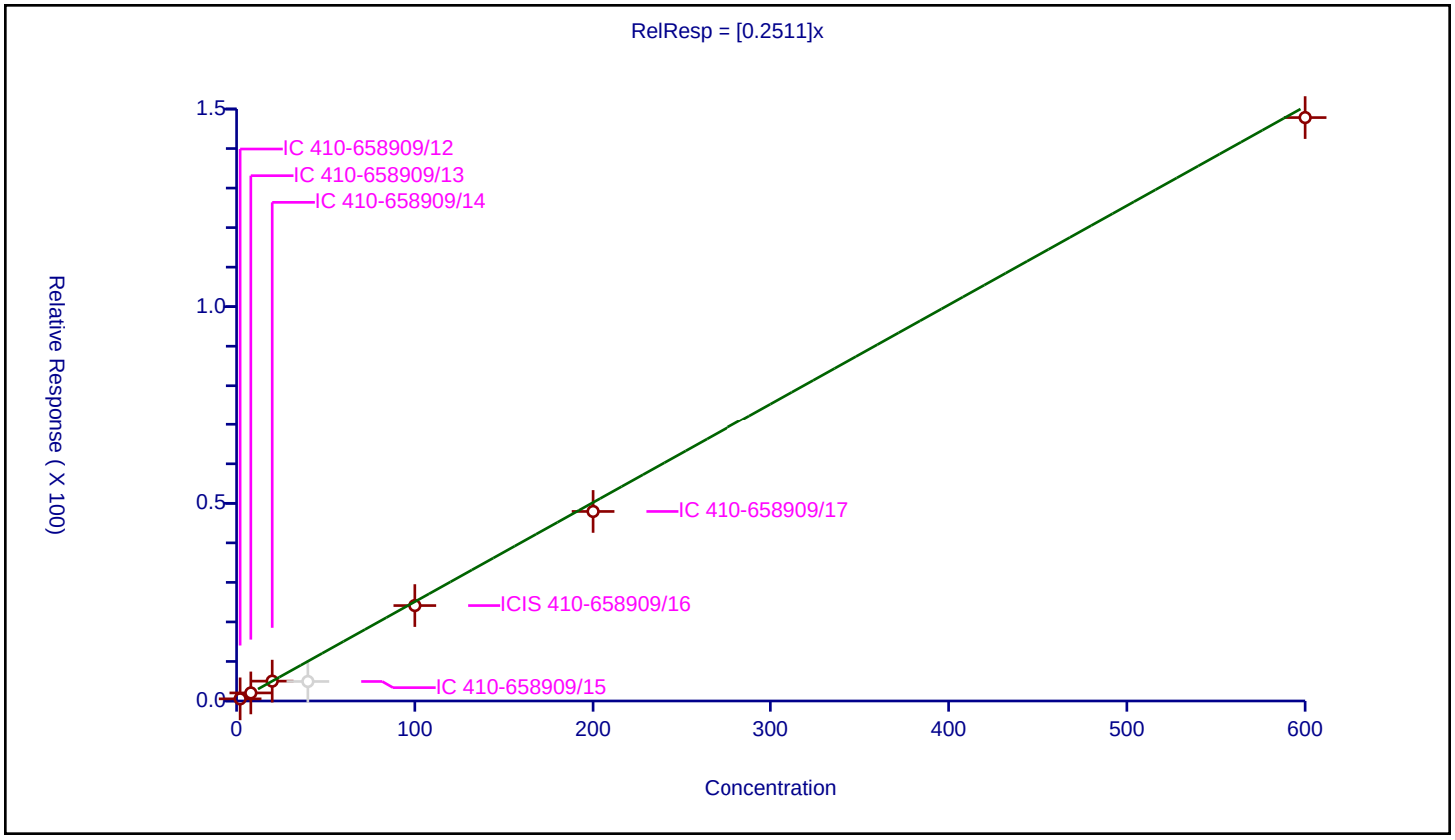
Curve Coefficients

Intercept:	0
Slope:	0.2511

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.0	0.545586	50.0	1094969.0	0.272793	Y
2	IC 410-658909/13	8.0	2.040035	50.0	1085839.0	0.255004	Y
3	IC 410-658909/14	20.0	5.02317	50.0	1087849.0	0.251158	Y
4	IC 410-658909/15	40.0	4.936955	50.0	2327528.0	0.123424	N
5	ICIS 410-658909/16	100.0	24.141712	50.0	1125904.0	0.241417	Y
6	IC 410-658909/17	200.0	47.946673	50.0	1188510.0	0.239733	Y
7	IC 410-658909/18	600.0	147.834143	50.0	1221572.0	0.24639	Y



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Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

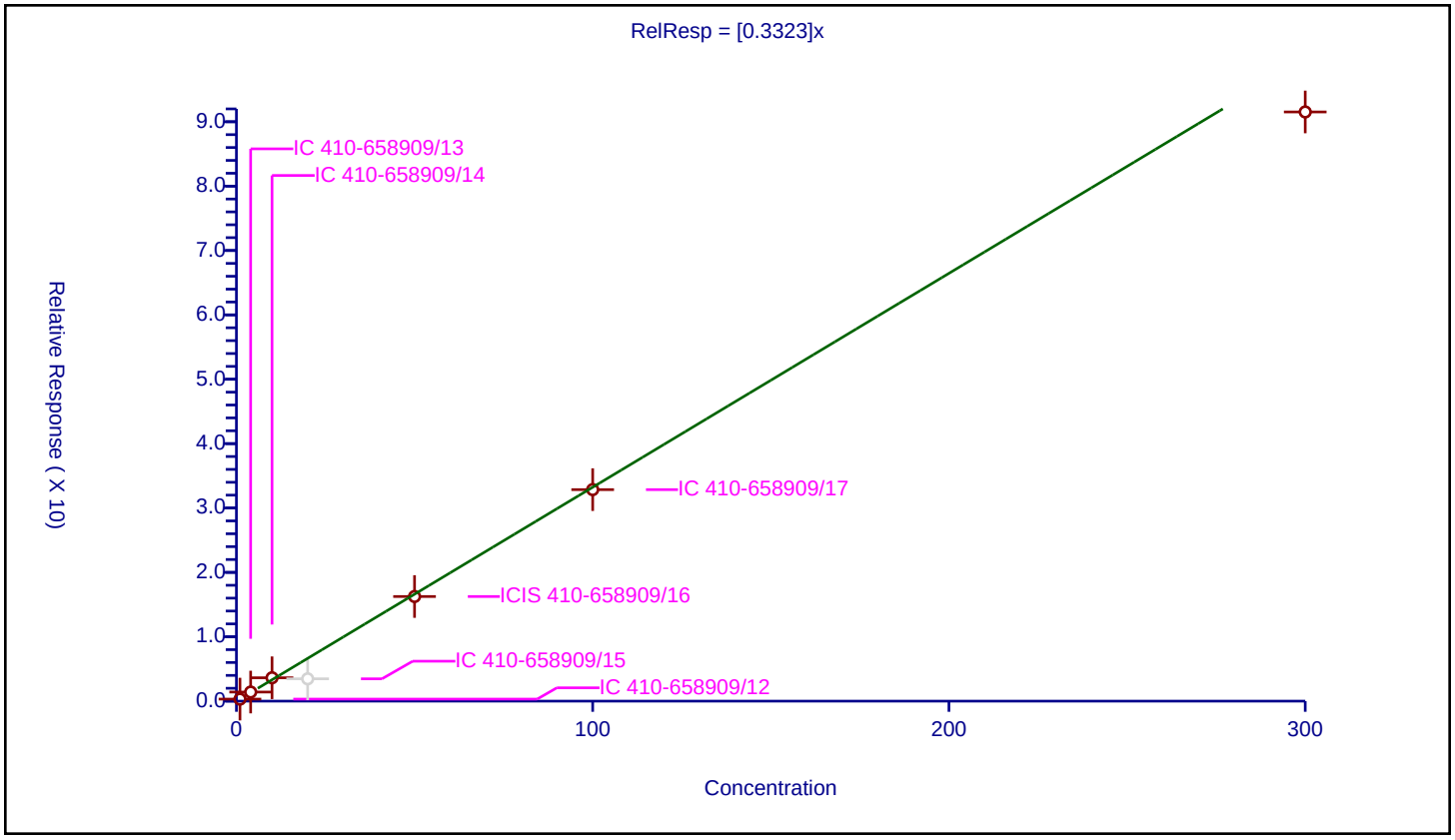
Curve Coefficients

Intercept:	0
Slope:	0.3323

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.318502	50.0	1094969.0	0.318502	Y
2	IC 410-658909/13	4.0	1.413607	50.0	1085839.0	0.353402	Y
3	IC 410-658909/14	10.0	3.630651	50.0	1087849.0	0.363065	Y
4	IC 410-658909/15	20.0	3.467735	50.0	2327528.0	0.173387	N
5	ICIS 410-658909/16	50.0	16.253073	50.0	1125904.0	0.325061	Y
6	IC 410-658909/17	100.0	32.856013	50.0	1188510.0	0.32856	Y
7	IC 410-658909/18	300.0	91.525223	50.0	1221572.0	0.305084	Y



Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

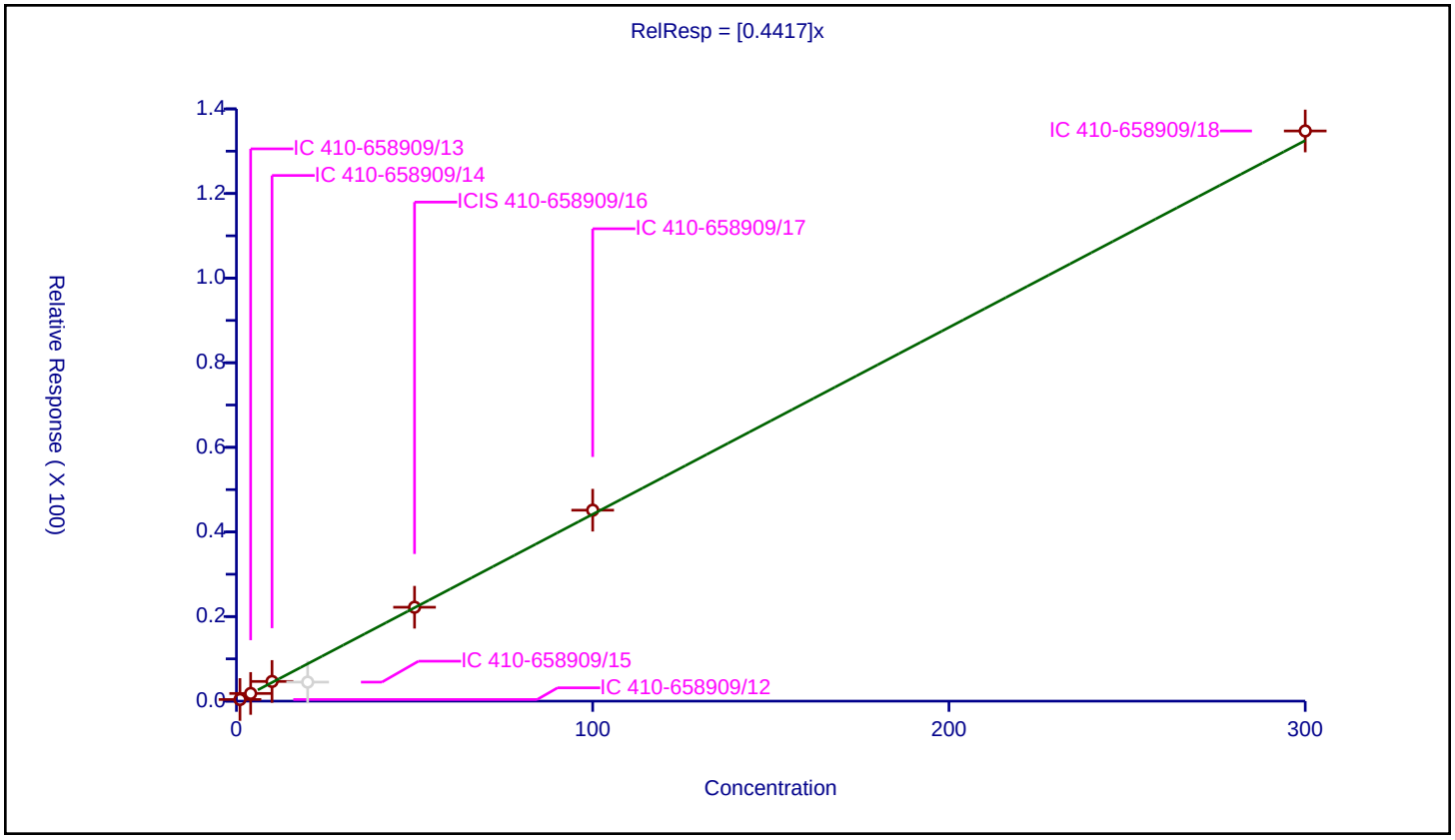
Curve Coefficients

Intercept:	0
Slope:	0.4417

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.386815	50.0	1094969.0	0.386815	Y
2	IC 410-658909/13	4.0	1.81468	50.0	1085839.0	0.45367	Y
3	IC 410-658909/14	10.0	4.653541	50.0	1087849.0	0.465354	Y
4	IC 410-658909/15	20.0	4.499667	50.0	2327528.0	0.224983	N
5	ICIS 410-658909/16	50.0	22.195098	50.0	1125904.0	0.443902	Y
6	IC 410-658909/17	100.0	45.136978	50.0	1188510.0	0.45137	Y
7	IC 410-658909/18	300.0	134.782559	50.0	1221572.0	0.449275	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

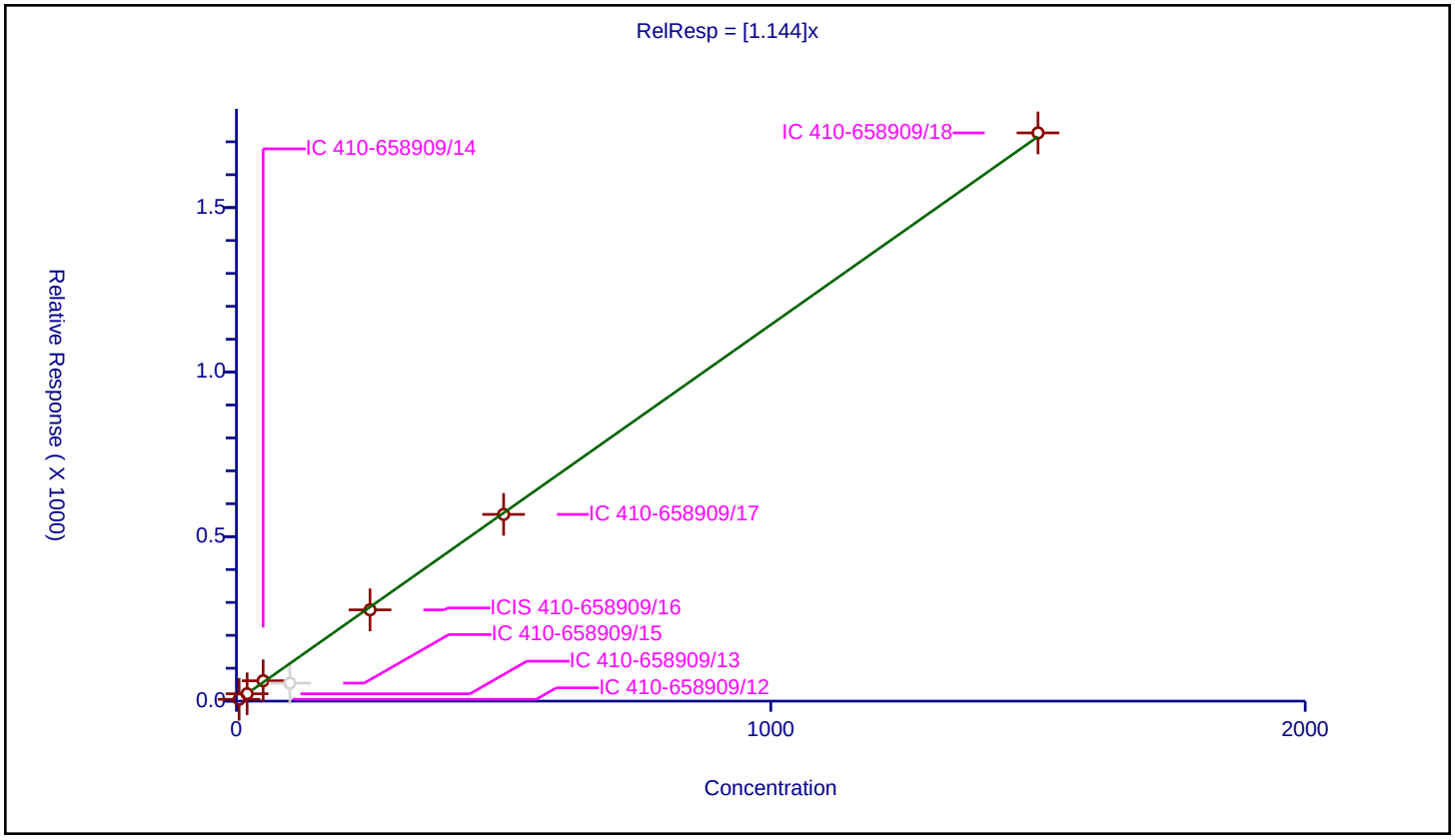
Curve Coefficients

Intercept:	0
Slope:	1.144

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	5.0	5.550966	250.0	387365.0	1.110193	Y
2	IC 410-658909/13	20.0	22.378349	250.0	388467.0	1.118917	Y
3	IC 410-658909/14	50.0	61.908168	250.0	379542.0	1.238163	Y
4	IC 410-658909/15	100.0	54.756807	250.0	915425.0	0.547568	N
5	ICIS 410-658909/16	250.0	277.473746	250.0	423841.0	1.109895	Y
6	IC 410-658909/17	500.0	567.529779	250.0	425553.0	1.13506	Y
7	IC 410-658909/18	1500.0	1727.076042	250.0	433433.0	1.151384	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

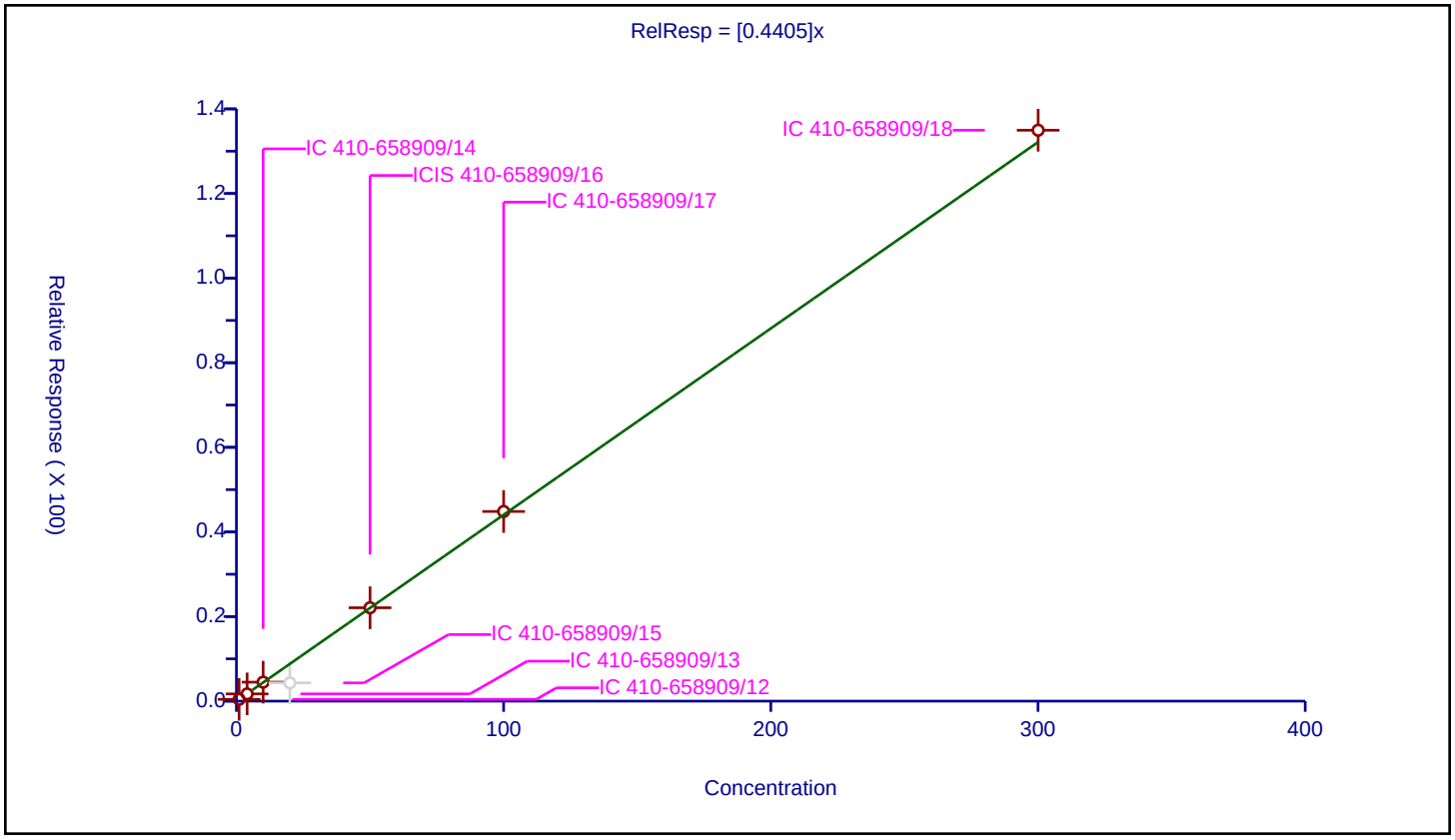
Curve Coefficients

Intercept:	0
Slope:	0.4405

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.000186	0.427501	50.0	1094969.0	0.427421	Y
2	IC 410-658909/13	4.000742	1.711303	50.0	1085839.0	0.427746	Y
3	IC 410-658909/14	10.001856	4.483251	50.0	1087849.0	0.448242	Y
4	IC 410-658909/15	20.003712	4.31316	50.0	2327528.0	0.215618	N
5	ICIS 410-658909/16	50.00928	22.075417	50.0	1125904.0	0.441426	Y
6	IC 410-658909/17	100.01856	44.836686	50.0	1188510.0	0.448284	Y
7	IC 410-658909/18	300.05568	134.959257	50.0	1221572.0	0.449781	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

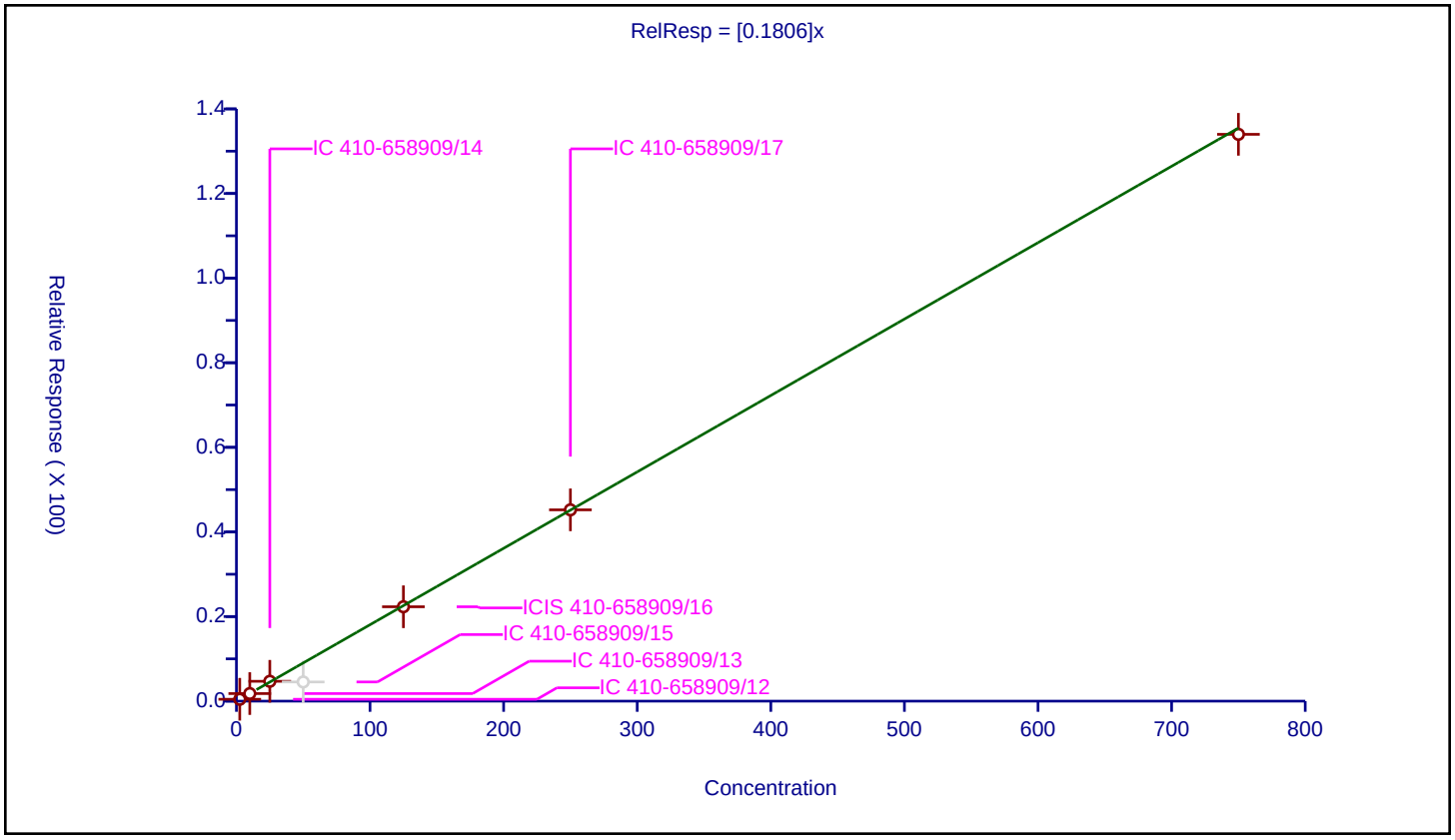
Curve Coefficients

Intercept:	0
Slope:	0.1806

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.5	0.446679	50.0	1094969.0	0.178672	Y
2	IC 410-658909/13	10.0	1.79359	50.0	1085839.0	0.179359	Y
3	IC 410-658909/14	25.0	4.693069	50.0	1087849.0	0.187723	Y
4	IC 410-658909/15	50.0	4.536551	50.0	2327528.0	0.090731	N
5	ICIS 410-658909/16	125.0	22.309273	50.0	1125904.0	0.178474	Y
6	IC 410-658909/17	250.0	45.217878	50.0	1188510.0	0.180872	Y
7	IC 410-658909/18	750.0	133.989933	50.0	1221572.0	0.178653	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

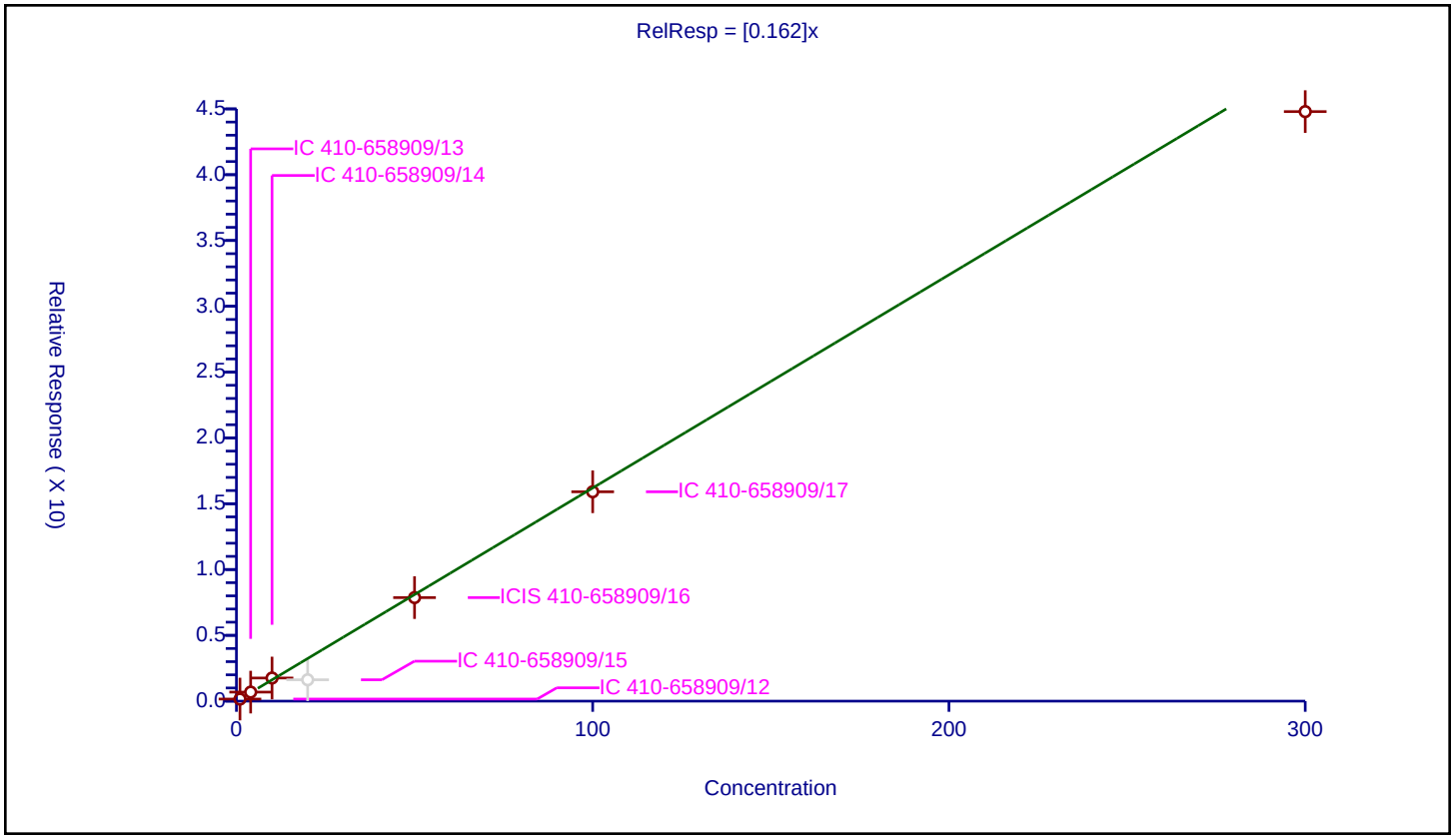
Curve Coefficients

Intercept:	0
Slope:	0.162

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.158726	50.0	1094969.0	0.158726	Y
2	IC 410-658909/13	4.0	0.68629	50.0	1085839.0	0.171572	Y
3	IC 410-658909/14	10.0	1.757505	50.0	1087849.0	0.17575	Y
4	IC 410-658909/15	20.0	1.623353	50.0	2327528.0	0.081168	N
5	ICIS 410-658909/16	50.0	7.867101	50.0	1125904.0	0.157342	Y
6	IC 410-658909/17	100.0	15.908154	50.0	1188510.0	0.159082	Y
7	IC 410-658909/18	300.0	44.793635	50.0	1221572.0	0.149312	Y



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Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

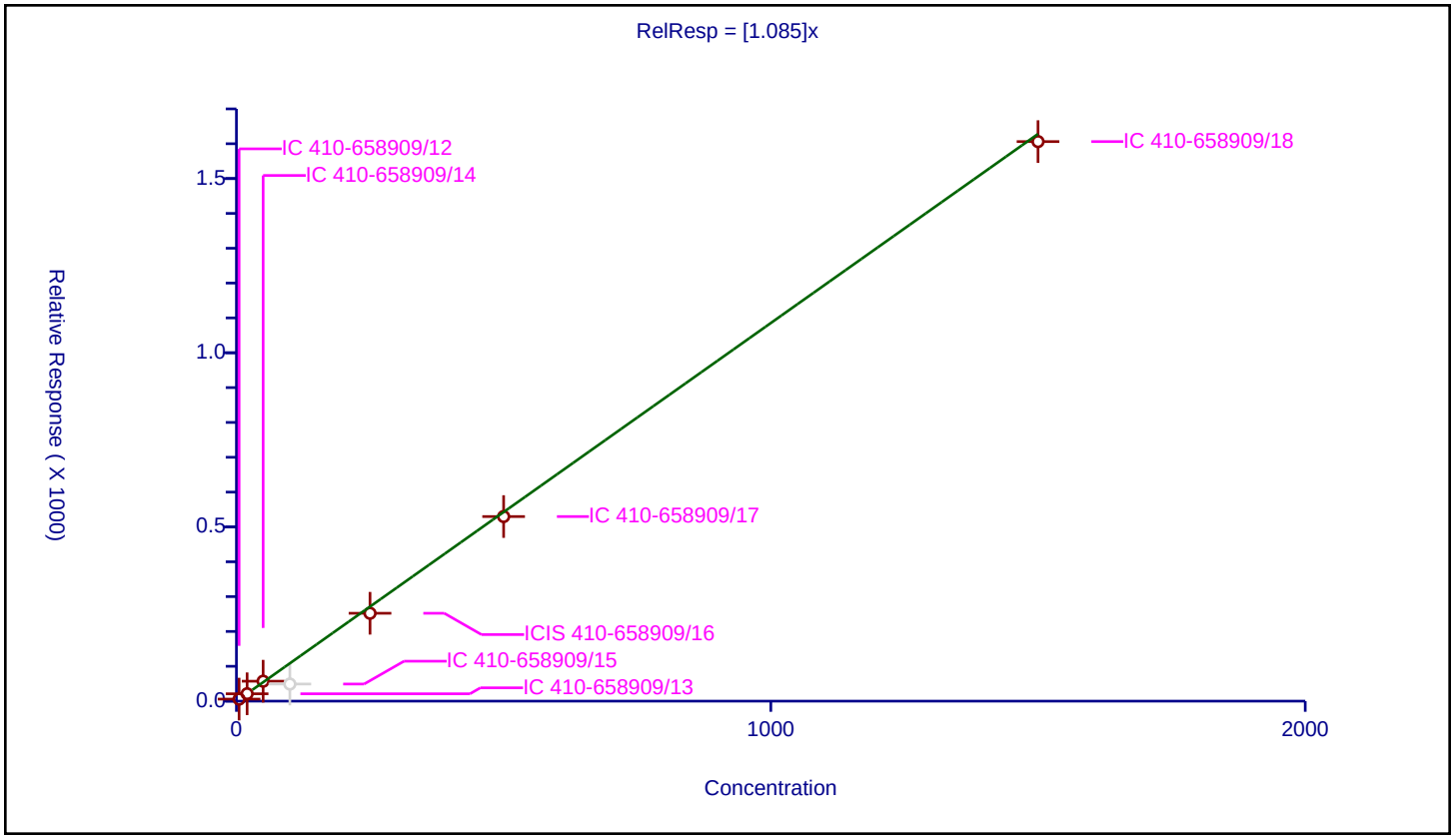
Curve Coefficients

Intercept:	0
Slope:	1.085

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	5.0	5.843971	250.0	387365.0	1.168794	Y
2	IC 410-658909/13	20.0	21.172326	250.0	388467.0	1.058616	Y
3	IC 410-658909/14	50.0	57.253874	250.0	379542.0	1.145077	Y
4	IC 410-658909/15	100.0	49.085944	250.0	915425.0	0.490859	N
5	ICIS 410-658909/16	250.0	252.239637	250.0	423841.0	1.008959	Y
6	IC 410-658909/17	500.0	529.854683	250.0	425553.0	1.059709	Y
7	IC 410-658909/18	1500.0	1606.119631	250.0	433433.0	1.070746	Y



Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

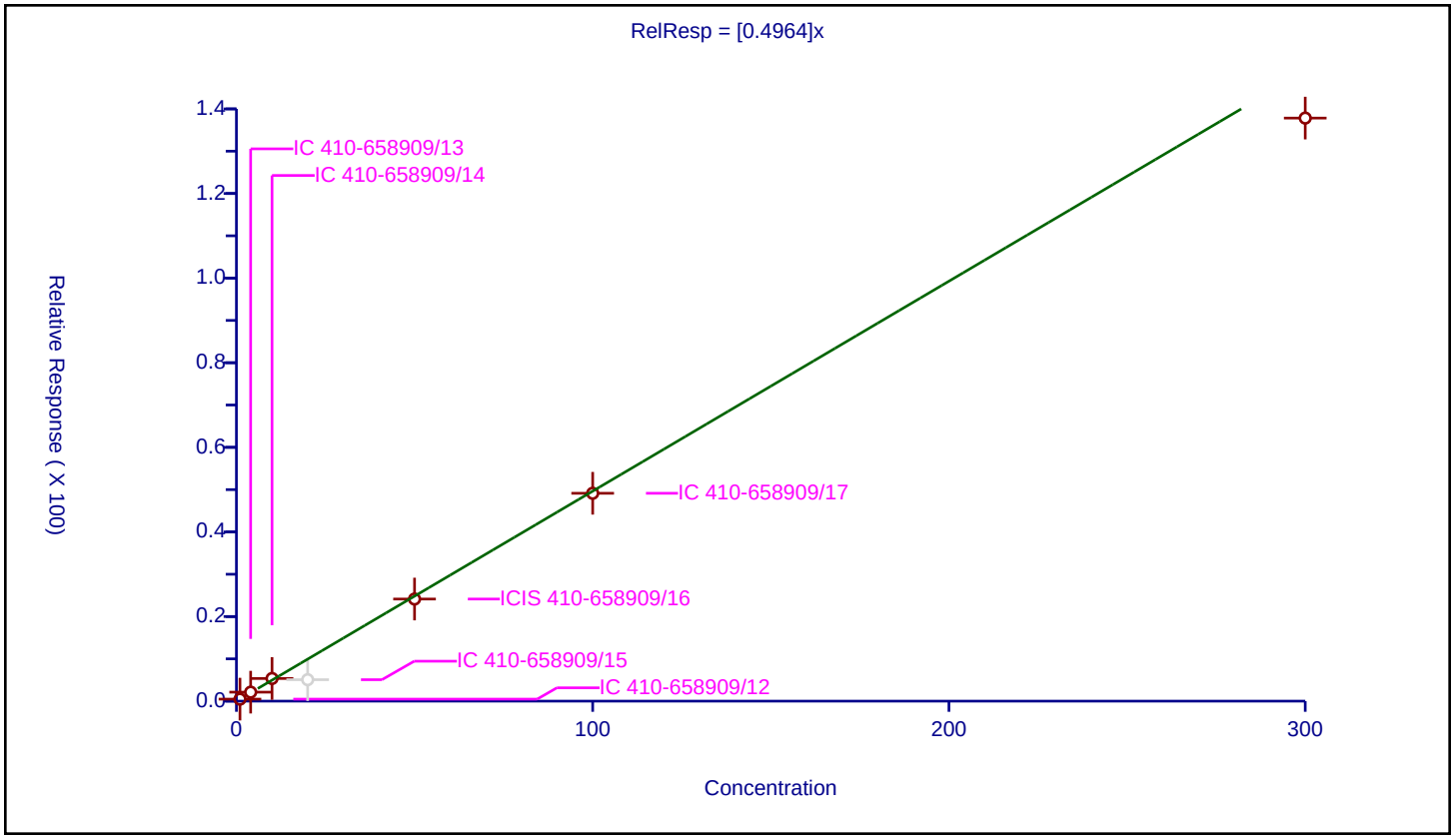
Curve Coefficients

Intercept:	0
Slope:	0.4964

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.477822	50.0	1094969.0	0.477822	Y
2	IC 410-658909/13	4.0	2.124901	50.0	1085839.0	0.531225	Y
3	IC 410-658909/14	10.0	5.355017	50.0	1087849.0	0.535502	Y
4	IC 410-658909/15	20.0	5.07358	50.0	2327528.0	0.253679	N
5	ICIS 410-658909/16	50.0	24.138514	50.0	1125904.0	0.48277	Y
6	IC 410-658909/17	100.0	49.13787	50.0	1188510.0	0.491379	Y
7	IC 410-658909/18	300.0	137.825278	50.0	1221572.0	0.459418	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

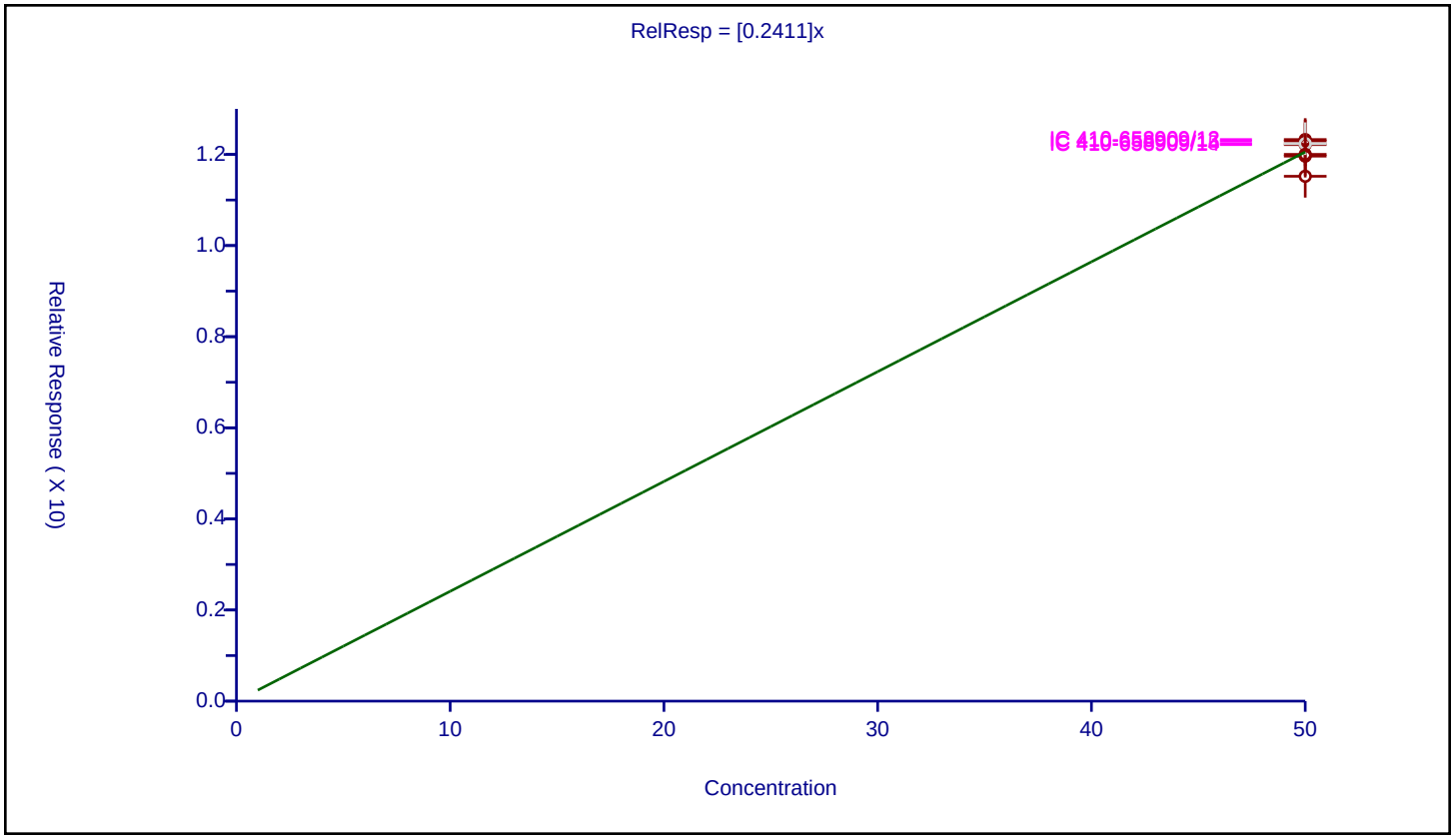
Curve Coefficients

Intercept:	0
Slope:	0.2411

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	50.0	12.327198	50.0	1094969.0	0.246544	Y
2	IC 410-658909/13	50.0	12.293719	50.0	1085839.0	0.245874	Y
3	IC 410-658909/14	50.0	12.215206	50.0	1087849.0	0.244304	Y
4	IC 410-658909/15	50.0	12.236158	50.0	2327528.0	0.244723	N
5	ICIS 410-658909/16	50.0	11.962743	50.0	1125904.0	0.239255	Y
6	IC 410-658909/17	50.0	12.001624	50.0	1188510.0	0.240032	Y
7	IC 410-658909/18	50.0	11.520975	50.0	1221572.0	0.230419	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

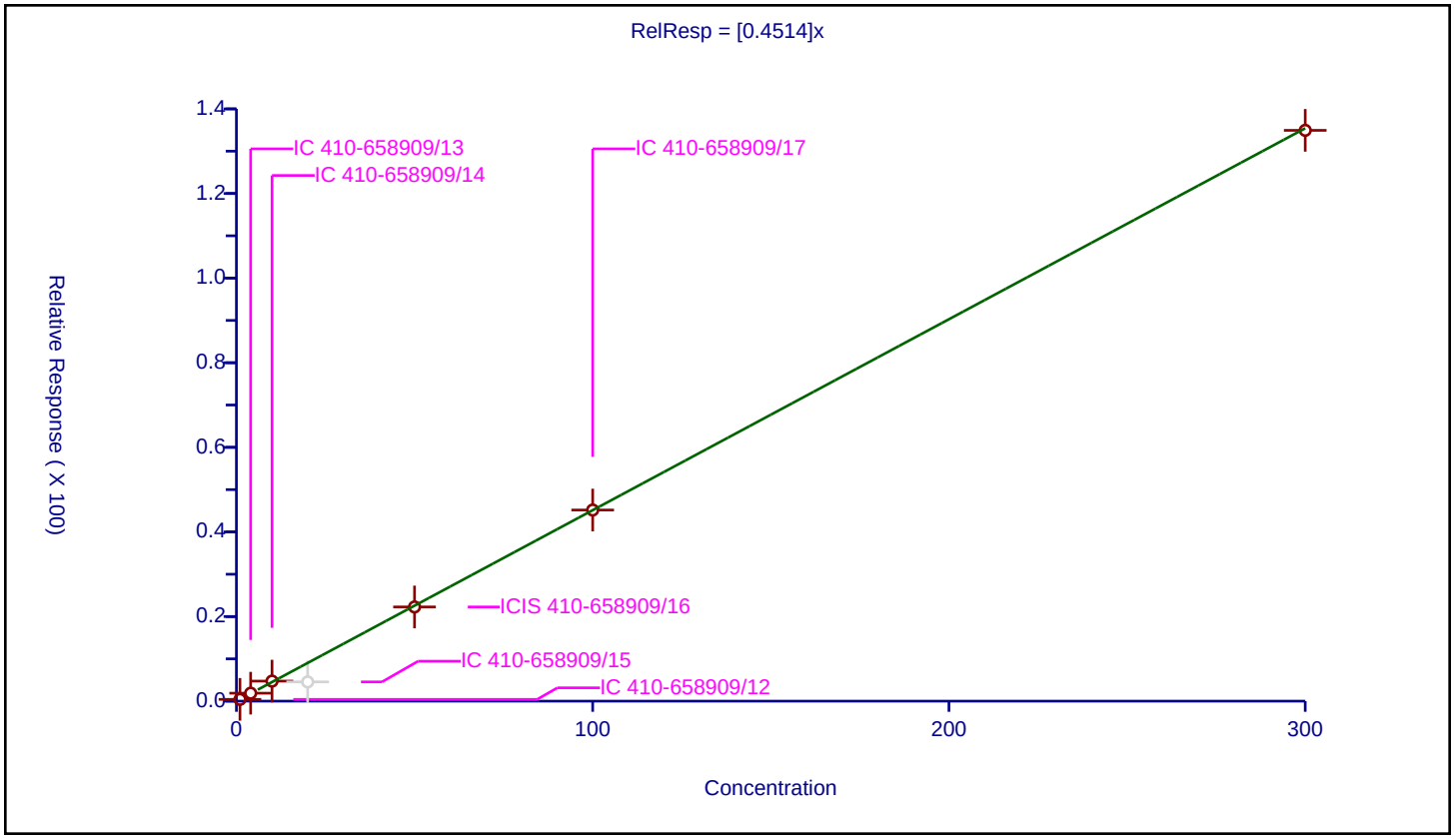
Curve Coefficients

Intercept:	0
Slope:	0.4514

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.417272	50.0	1094969.0	0.417272	Y
2	IC 410-658909/13	4.0	1.882231	50.0	1085839.0	0.470558	Y
3	IC 410-658909/14	10.0	4.736641	50.0	1087849.0	0.473664	Y
4	IC 410-658909/15	20.0	4.547142	50.0	2327528.0	0.227357	N
5	ICIS 410-658909/16	50.0	22.26411	50.0	1125904.0	0.445282	Y
6	IC 410-658909/17	100.0	45.174715	50.0	1188510.0	0.451747	Y
7	IC 410-658909/18	300.0	134.925408	50.0	1221572.0	0.449751	Y



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Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

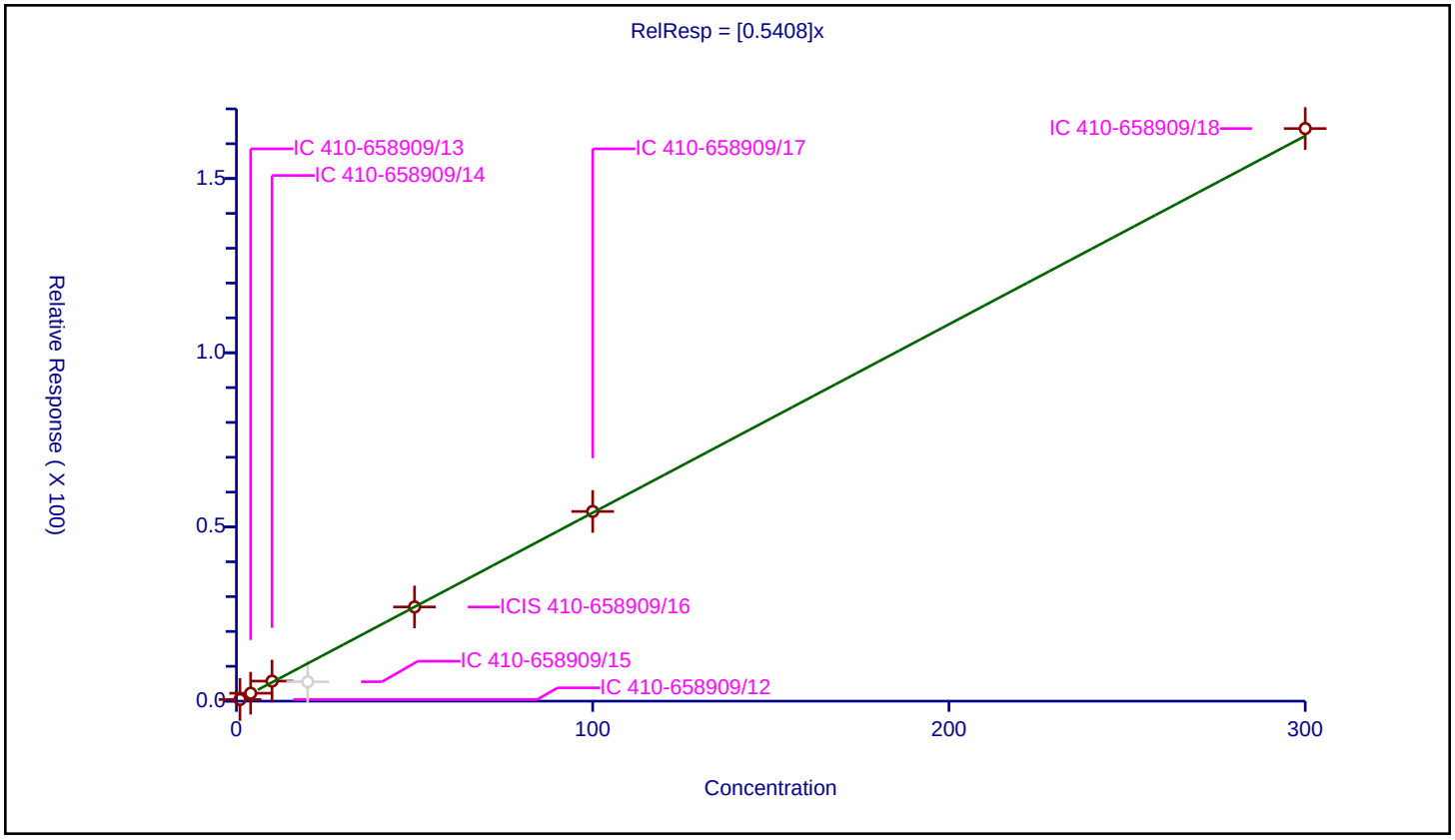
Curve Coefficients

Intercept:	0
Slope:	0.5408

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.468689	50.0	1094969.0	0.468689	Y
2	IC 410-658909/13	4.0	2.272989	50.0	1085839.0	0.568247	Y
3	IC 410-658909/14	10.0	5.751212	50.0	1087849.0	0.575121	Y
4	IC 410-658909/15	20.0	5.561888	50.0	2327528.0	0.278094	N
5	ICIS 410-658909/16	50.0	27.029525	50.0	1125904.0	0.54059	Y
6	IC 410-658909/17	100.0	54.445019	50.0	1188510.0	0.54445	Y
7	IC 410-658909/18	300.0	164.34942	50.0	1221572.0	0.547831	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

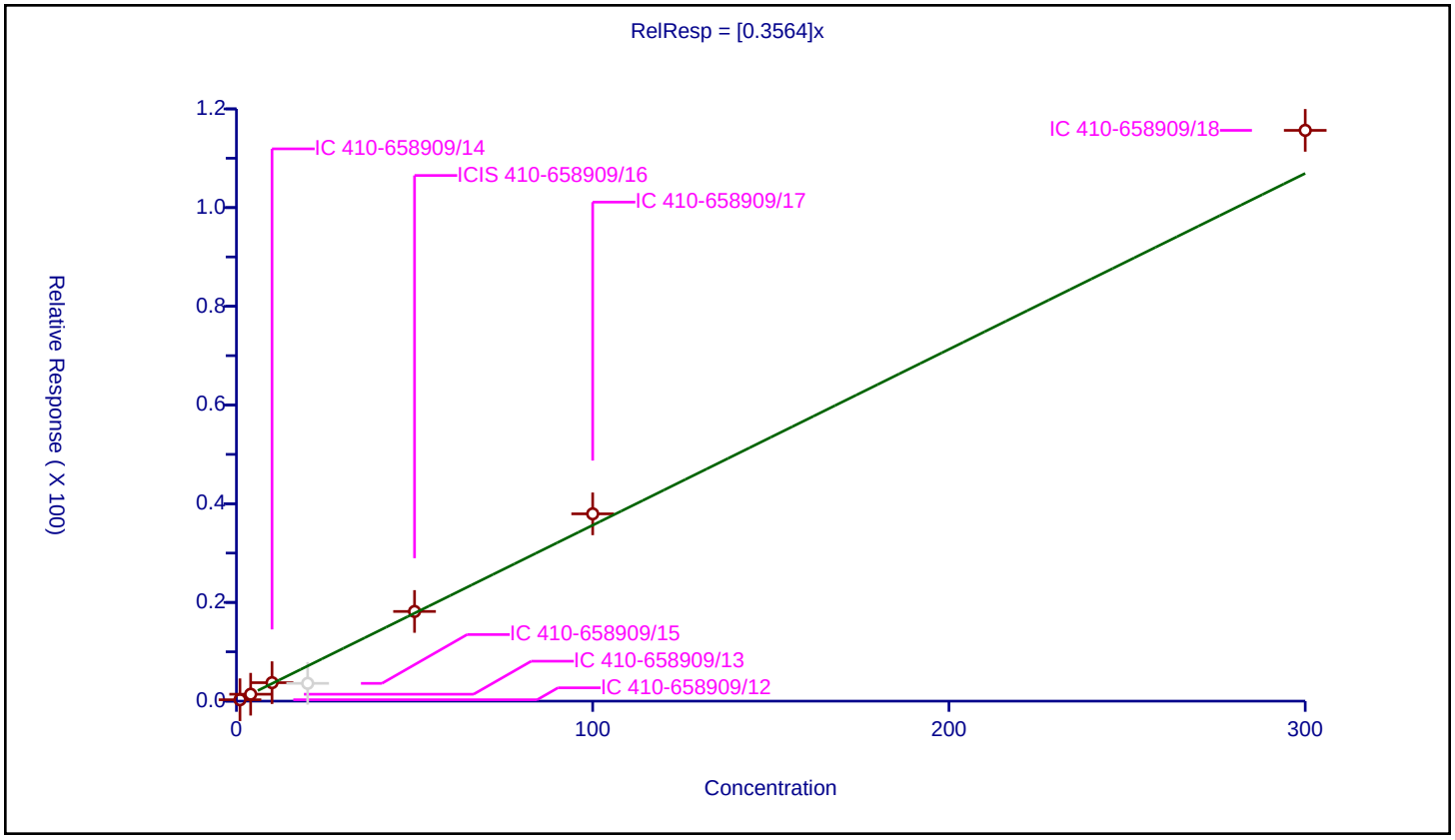
Curve Coefficients

Intercept:	0
Slope:	0.3564

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.285442	50.0	1094969.0	0.285442	Y
2	IC 410-658909/13	4.0	1.401865	50.0	1085839.0	0.350466	Y
3	IC 410-658909/14	10.0	3.741788	50.0	1087849.0	0.374179	Y
4	IC 410-658909/15	20.0	3.600021	50.0	2327528.0	0.180001	N
5	ICIS 410-658909/16	50.0	18.173841	50.0	1125904.0	0.363477	Y
6	IC 410-658909/17	100.0	37.952983	50.0	1188510.0	0.37953	Y
7	IC 410-658909/18	300.0	115.651759	50.0	1221572.0	0.385506	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

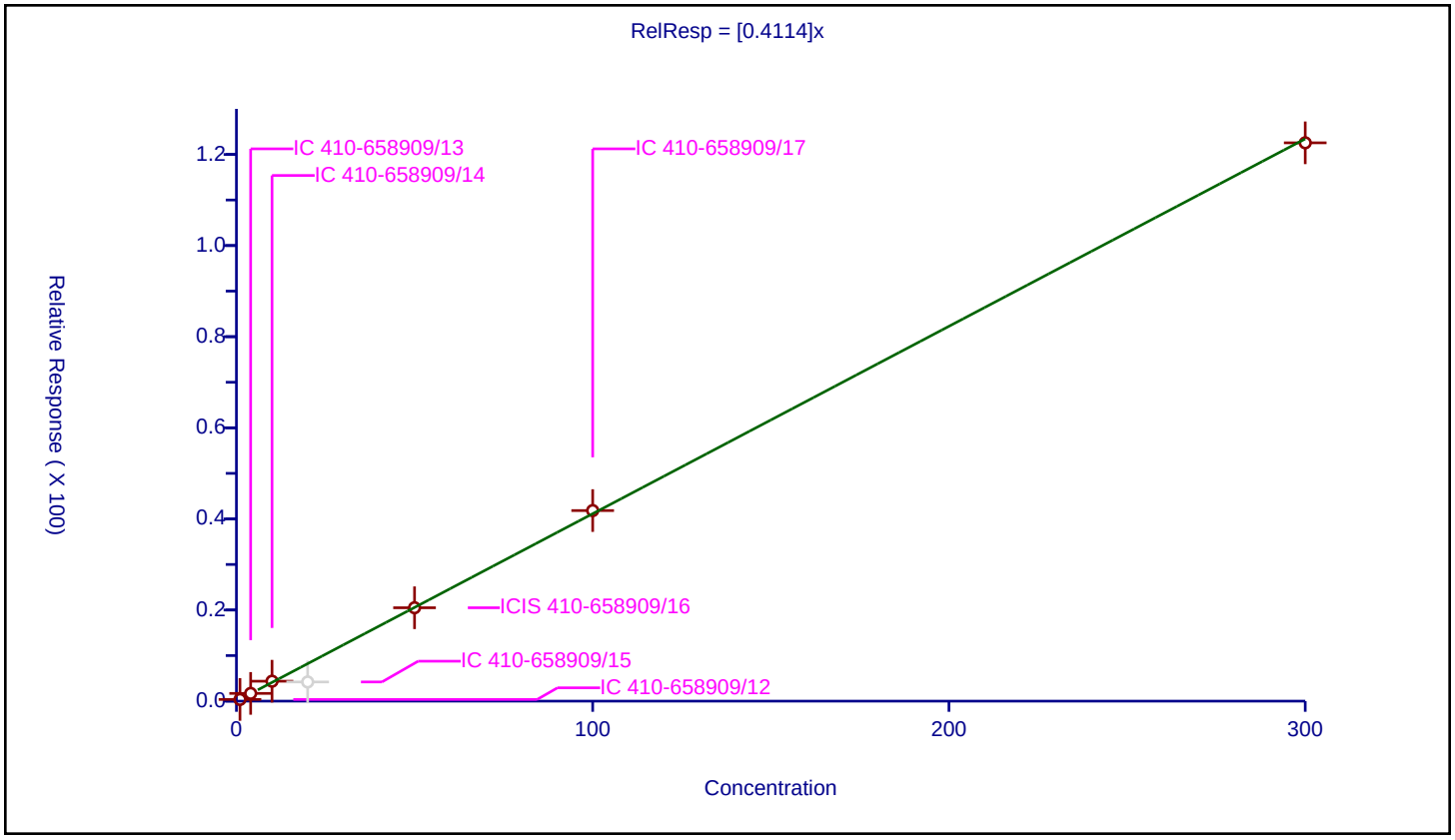
Curve Coefficients

Intercept:	0
Slope:	0.4114

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.368595	50.0	1094969.0	0.368595	Y
2	IC 410-658909/13	4.0	1.70039	50.0	1085839.0	0.425098	Y
3	IC 410-658909/14	10.0	4.378411	50.0	1087849.0	0.437841	Y
4	IC 410-658909/15	20.0	4.214879	50.0	2327528.0	0.210744	N
5	ICIS 410-658909/16	50.0	20.501215	50.0	1125904.0	0.410024	Y
6	IC 410-658909/17	100.0	41.829854	50.0	1188510.0	0.418299	Y
7	IC 410-658909/18	300.0	122.550288	50.0	1221572.0	0.408501	Y



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Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

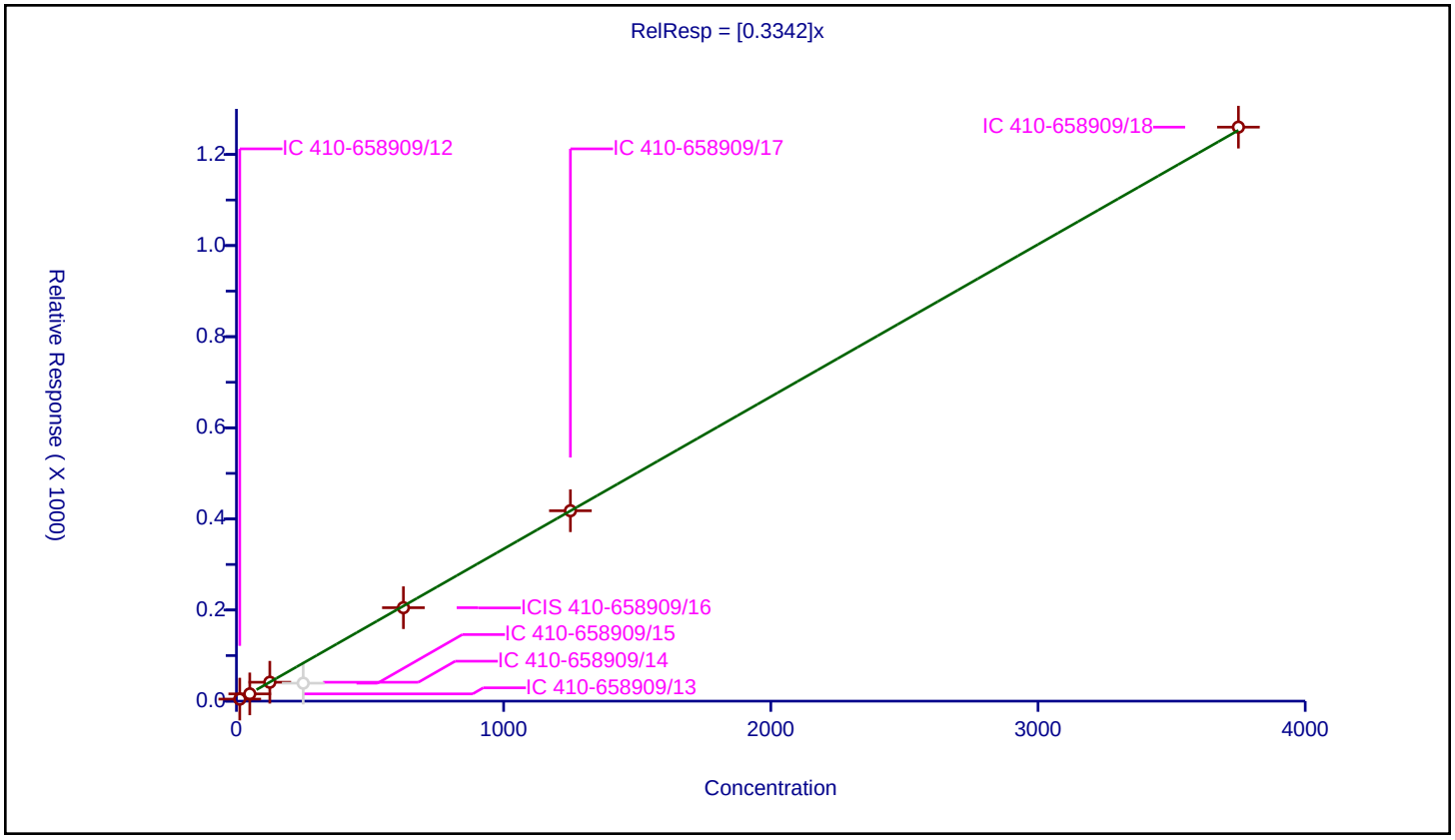
Curve Coefficients

Intercept:	0
Slope:	0.3342

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	12.5	4.44542	250.0	387365.0	0.355634	Y
2	IC 410-658909/13	50.0	15.958241	250.0	388467.0	0.319165	Y
3	IC 410-658909/14	125.0	41.457204	250.0	379542.0	0.331658	Y
4	IC 410-658909/15	250.0	39.425404	250.0	915425.0	0.157702	N
5	ICIS 410-658909/16	625.0	205.115834	250.0	423841.0	0.328185	Y
6	IC 410-658909/17	1250.0	417.895656	250.0	425553.0	0.334317	Y
7	IC 410-658909/18	3750.0	1259.97386	250.0	433433.0	0.335993	Y



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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

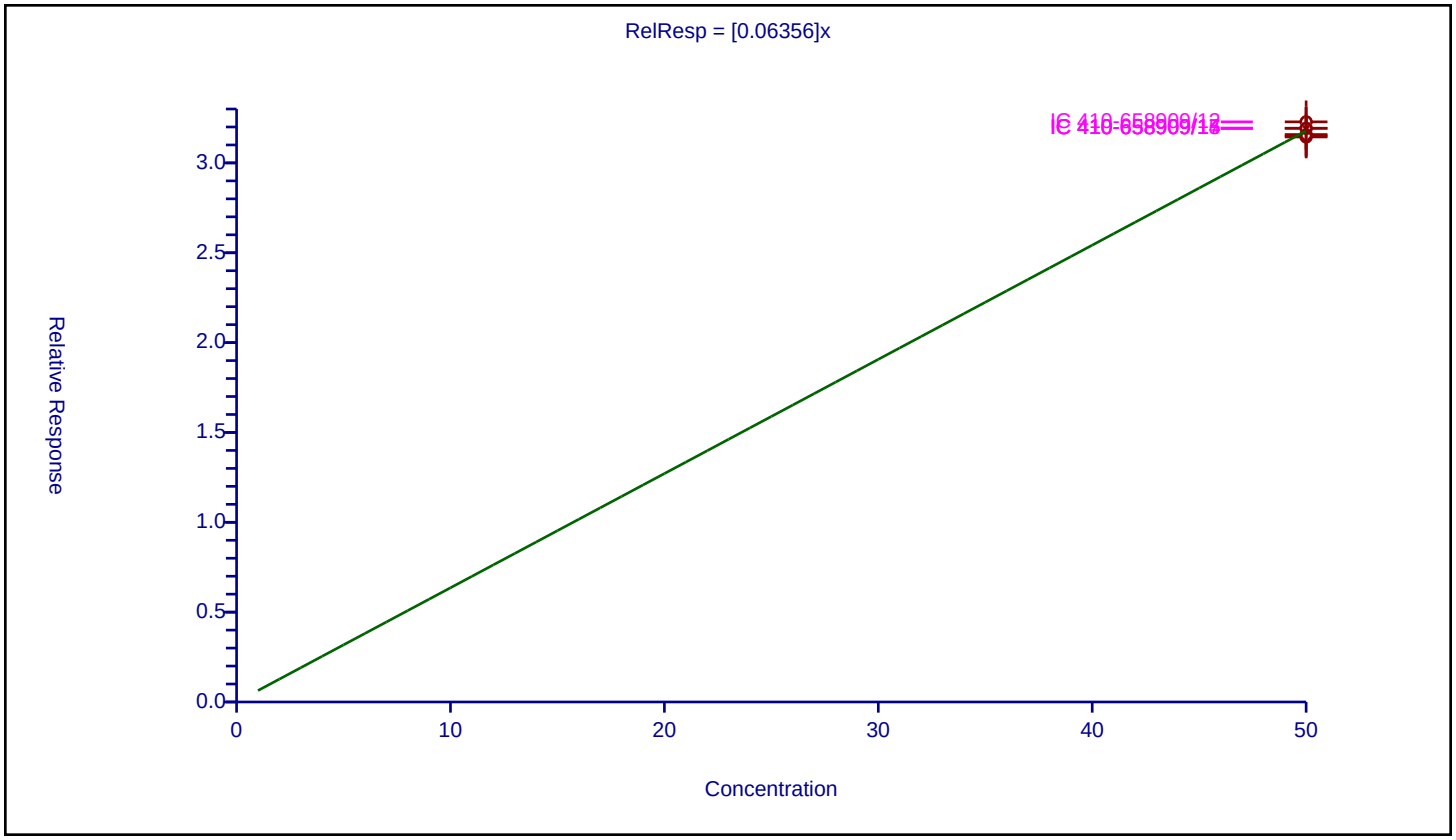
Curve Coefficients

Intercept:	0
Slope:	0.06356

Error Coefficients

Relative Standard Deviation:	1.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	50.0	3.228585	50.0	1094969.0	0.064572	Y
2	IC 410-658909/13	50.0	3.158019	50.0	1085839.0	0.06316	Y
3	IC 410-658909/14	50.0	3.192814	50.0	1087849.0	0.063856	Y
4	IC 410-658909/15	50.0	3.193603	50.0	2327528.0	0.063872	N
5	ICIS 410-658909/16	50.0	3.150446	50.0	1125904.0	0.063009	Y
6	IC 410-658909/17	50.0	3.192737	50.0	1188510.0	0.063855	Y
7	IC 410-658909/18	50.0	3.144514	50.0	1221572.0	0.06289	Y



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Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

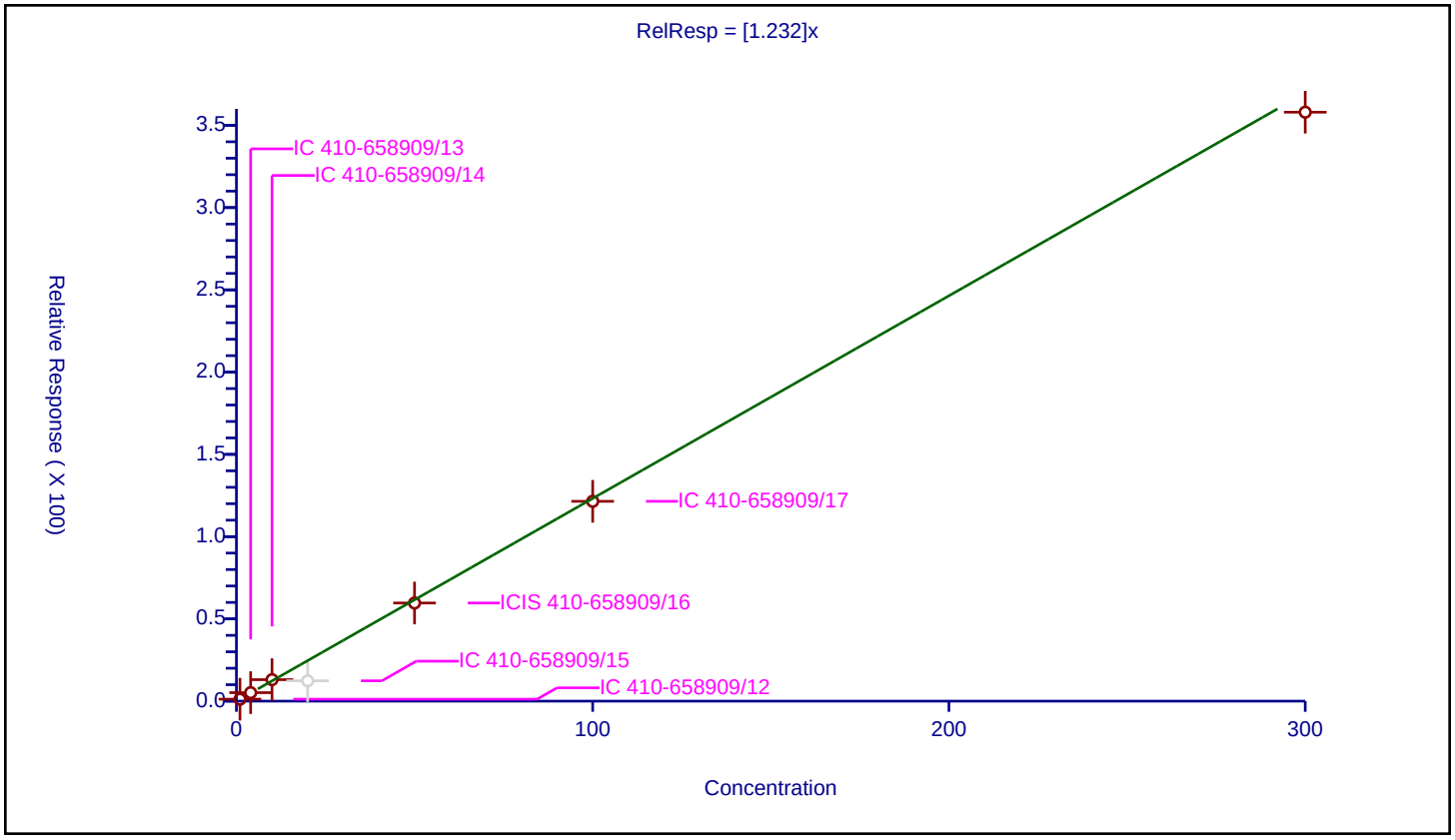
Curve Coefficients

Intercept:	0
Slope:	1.232

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.197751	50.0	1094969.0	1.197751	Y
2	IC 410-658909/13	4.0	5.152099	50.0	1085839.0	1.288025	Y
3	IC 410-658909/14	10.0	13.051995	50.0	1087849.0	1.3052	Y
4	IC 410-658909/15	20.0	12.355662	50.0	2327528.0	0.617783	N
5	ICIS 410-658909/16	50.0	59.653221	50.0	1125904.0	1.193064	Y
6	IC 410-658909/17	100.0	121.470034	50.0	1188510.0	1.2147	Y
7	IC 410-658909/18	300.0	357.986472	50.0	1221572.0	1.193288	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

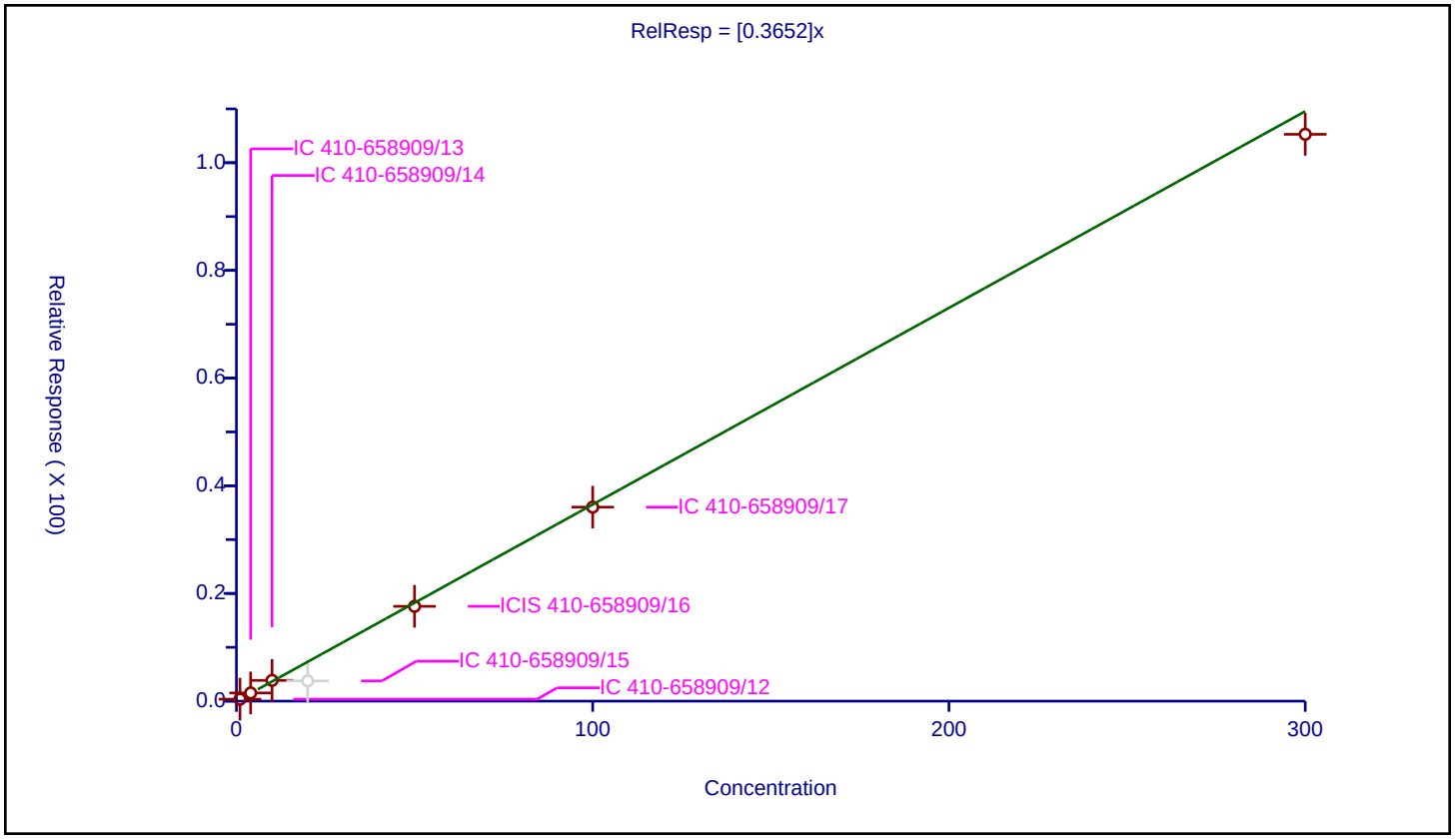
Curve Coefficients

Intercept:	0
Slope:	0.3652

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.361974	50.0	1094969.0	0.361974	Y
2	IC 410-658909/13	4.0	1.520898	50.0	1085839.0	0.380224	Y
3	IC 410-658909/14	10.0	3.854349	50.0	1087849.0	0.385435	Y
4	IC 410-658909/15	20.0	3.759289	50.0	2327528.0	0.187964	N
5	ICIS 410-658909/16	50.0	17.608784	50.0	1125904.0	0.352176	Y
6	IC 410-658909/17	100.0	36.028767	50.0	1188510.0	0.360288	Y
7	IC 410-658909/18	300.0	105.280655	50.0	1221572.0	0.350936	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

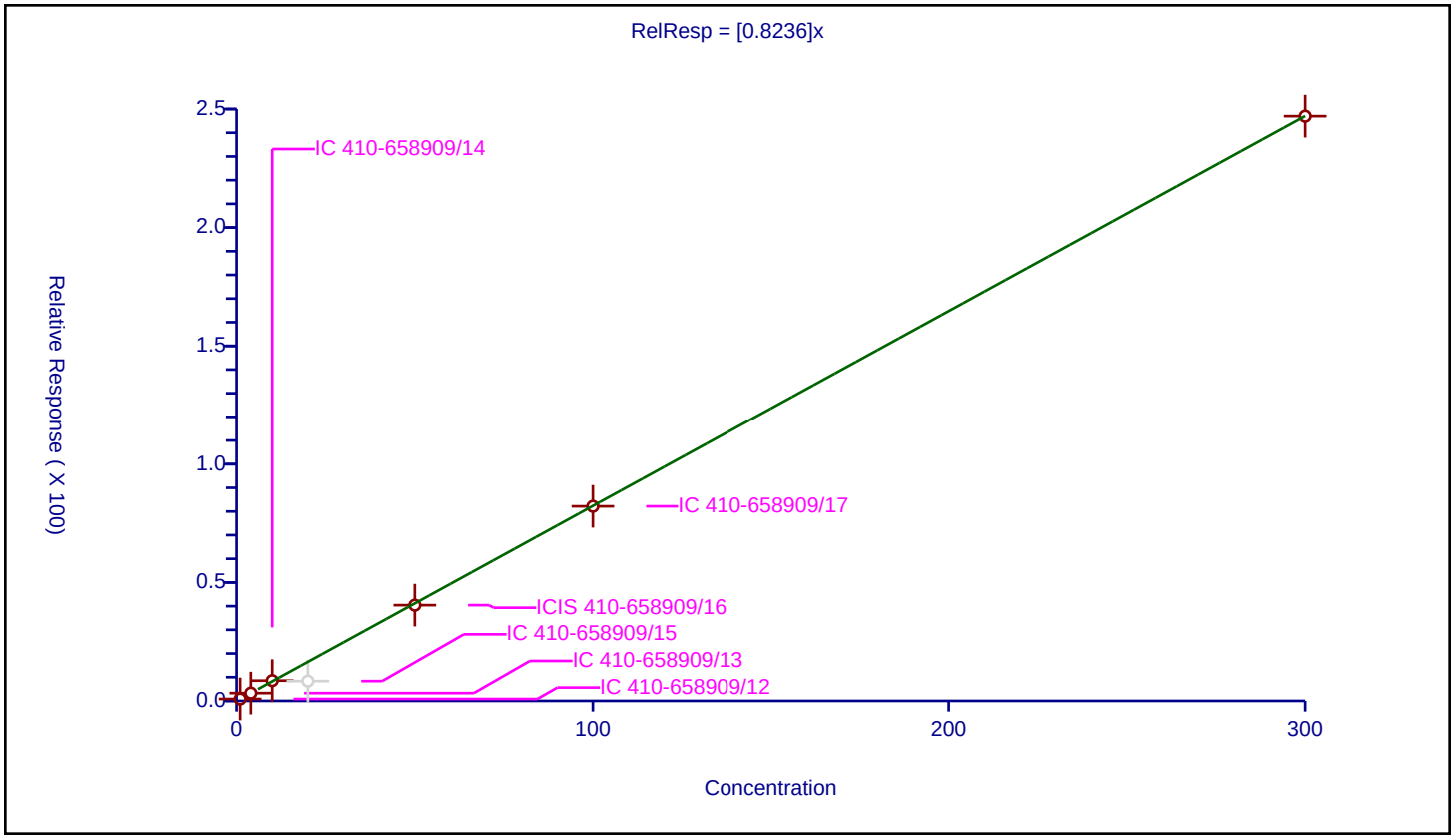
Curve Coefficients

Intercept:	0
Slope:	0.8236

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.810754	50.0	1094969.0	0.810754	Y
2	IC 410-658909/13	4.0	3.292569	50.0	1085839.0	0.823142	Y
3	IC 410-658909/14	10.0	8.538685	50.0	1087849.0	0.853869	Y
4	IC 410-658909/15	20.0	8.34628	50.0	2327528.0	0.417314	N
5	ICIS 410-658909/16	50.0	40.426226	50.0	1125904.0	0.808525	Y
6	IC 410-658909/17	100.0	82.174698	50.0	1188510.0	0.821747	Y
7	IC 410-658909/18	300.0	247.002387	50.0	1221572.0	0.823341	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

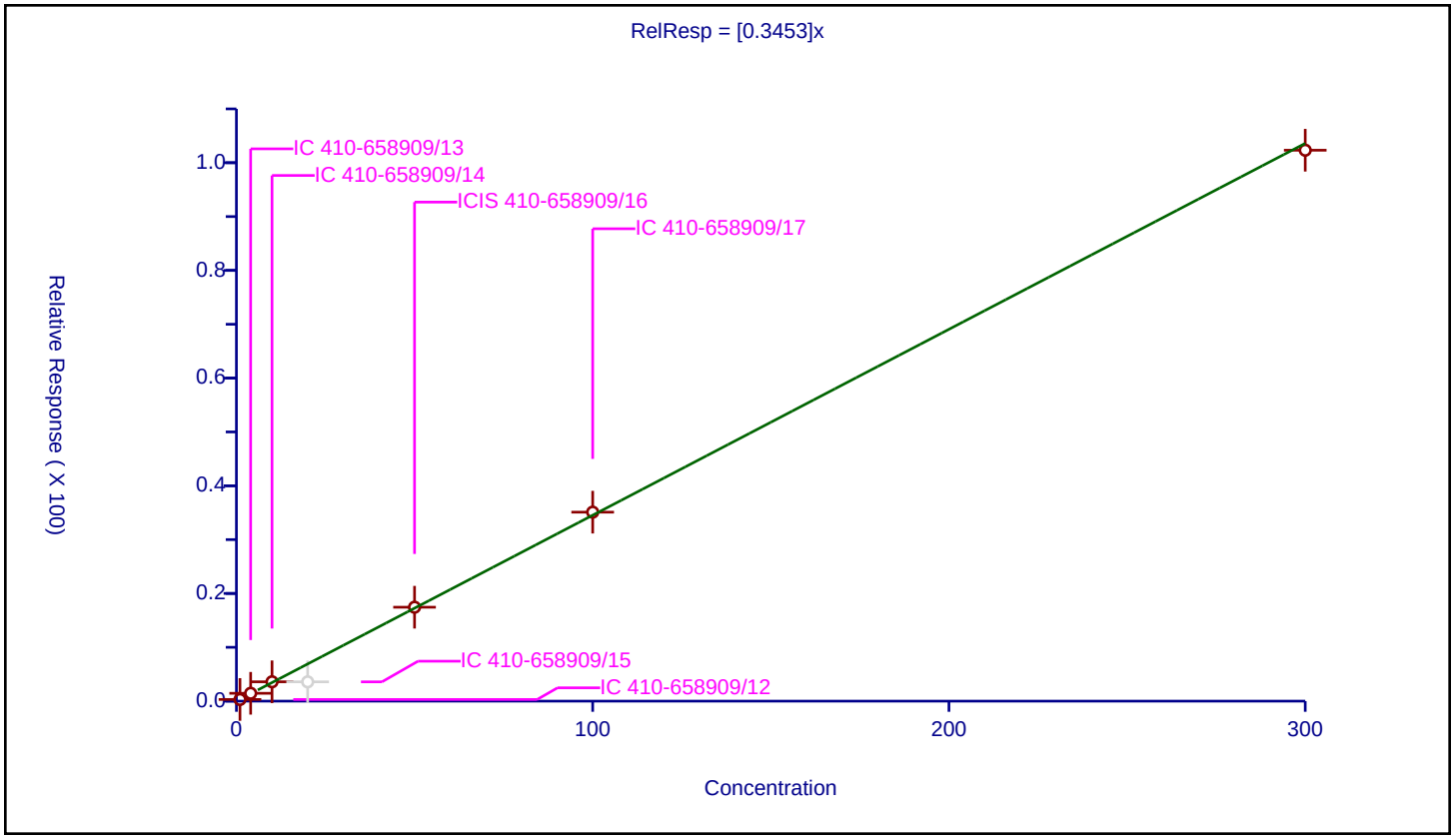
Curve Coefficients

Intercept:	0
Slope:	0.3453

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.307132	50.0	1094969.0	0.307132	Y
2	IC 410-658909/13	4.0	1.457398	50.0	1085839.0	0.36435	Y
3	IC 410-658909/14	10.0	3.593789	50.0	1087849.0	0.359379	Y
4	IC 410-658909/15	20.0	3.582256	50.0	2327528.0	0.179113	N
5	ICIS 410-658909/16	50.0	17.446603	50.0	1125904.0	0.348932	Y
6	IC 410-658909/17	100.0	35.099621	50.0	1188510.0	0.350996	Y
7	IC 410-658909/18	300.0	102.324791	50.0	1221572.0	0.341083	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

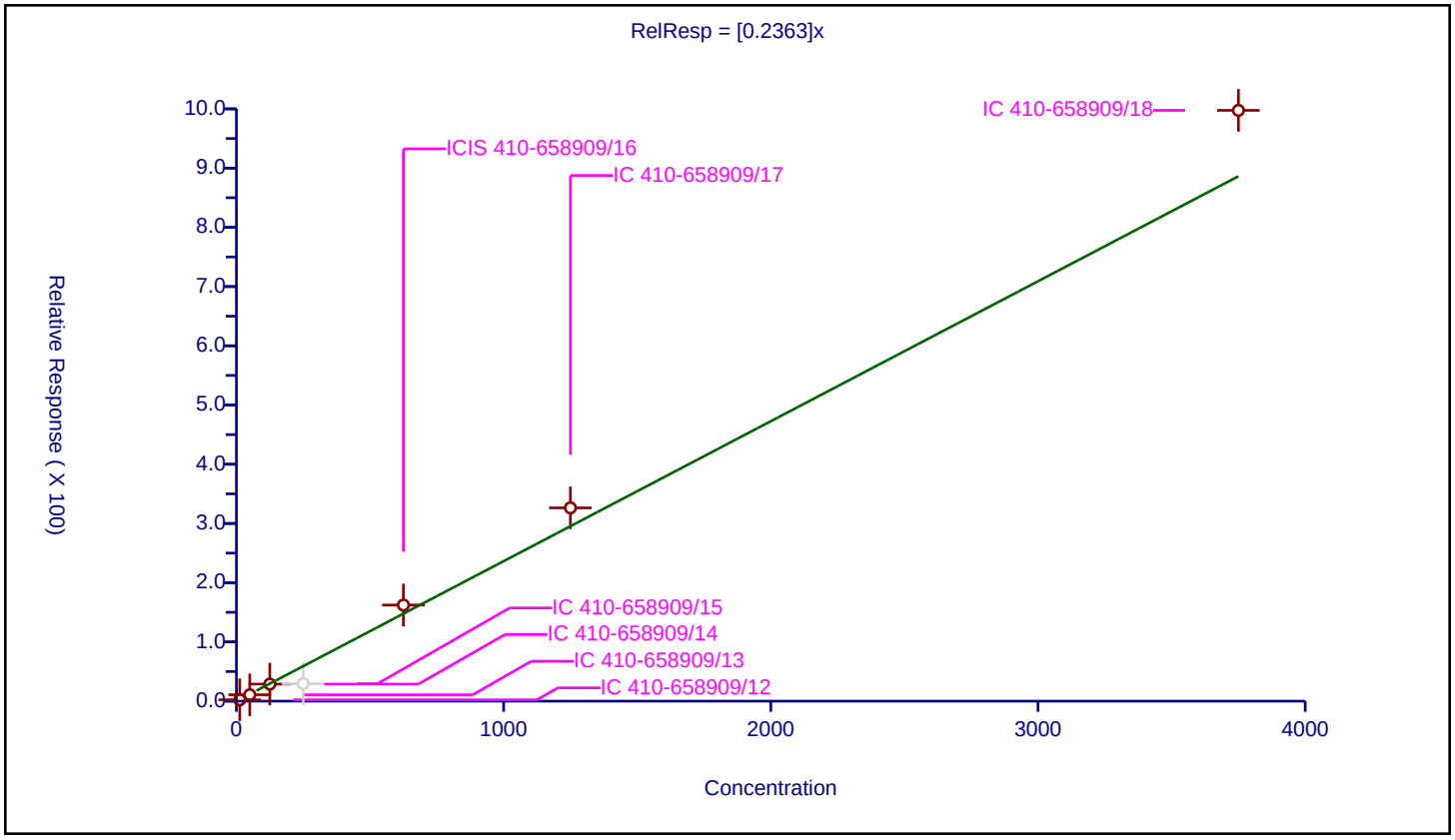
Curve Coefficients

Intercept:	0
Slope:	0.2363

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	12.5	2.322099	250.0	387365.0	0.185768	Y
2	IC 410-658909/13	50.0	10.750591	250.0	388467.0	0.215012	Y
3	IC 410-658909/14	125.0	28.803136	250.0	379542.0	0.230425	Y
4	IC 410-658909/15	250.0	29.465276	250.0	915425.0	0.117861	N
5	ICIS 410-658909/16	625.0	162.283144	250.0	423841.0	0.259653	Y
6	IC 410-658909/17	1250.0	326.354179	250.0	425553.0	0.261083	Y
7	IC 410-658909/18	3750.0	997.506535	250.0	433433.0	0.266002	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

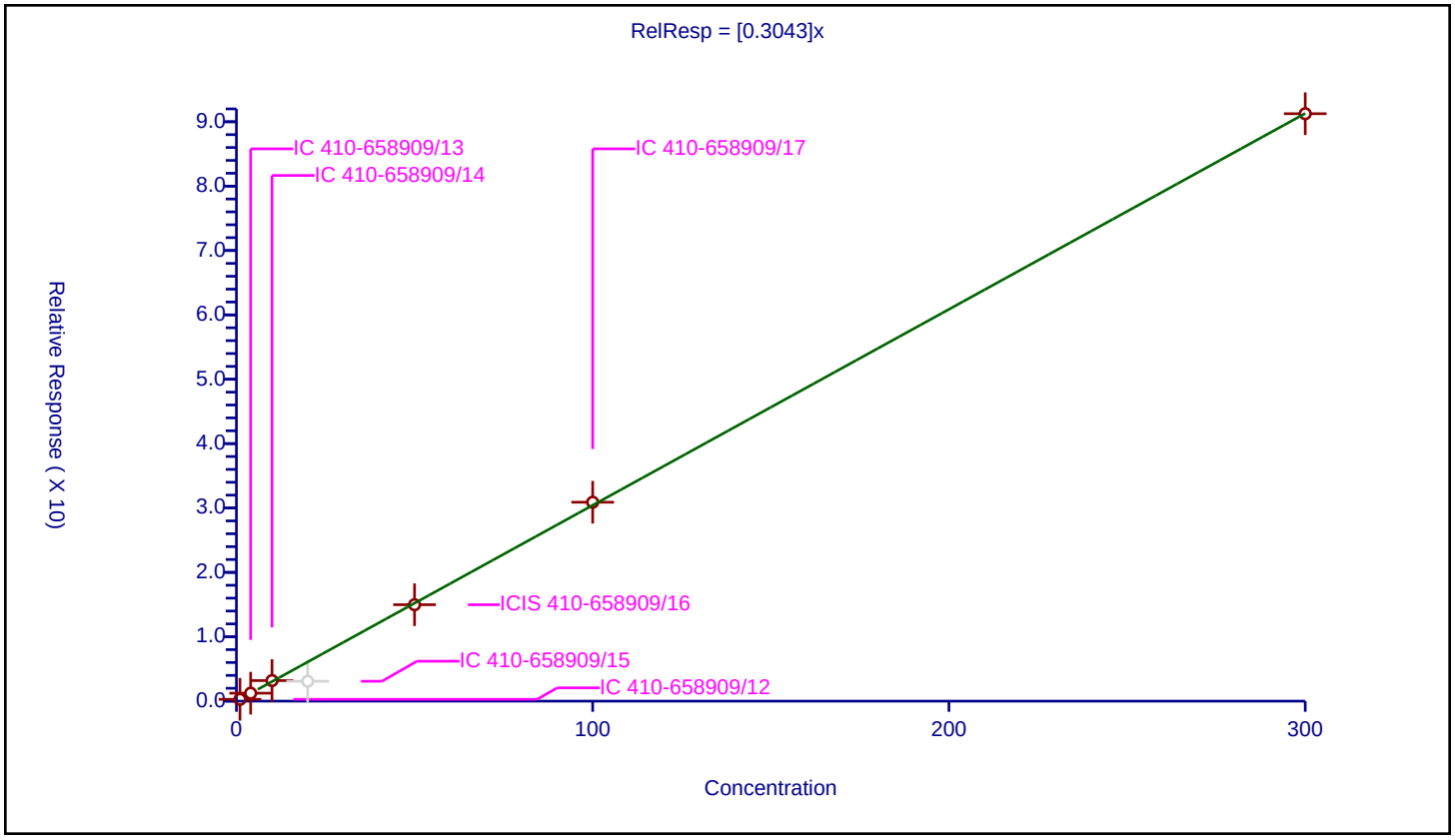
Curve Coefficients

Intercept:	0
Slope:	0.3043

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.284529	50.0	1094969.0	0.284529	Y
2	IC 410-658909/13	4.0	1.236693	50.0	1085839.0	0.309173	Y
3	IC 410-658909/14	10.0	3.195113	50.0	1087849.0	0.319511	Y
4	IC 410-658909/15	20.0	3.087589	50.0	2327528.0	0.154379	N
5	ICIS 410-658909/16	50.0	14.977565	50.0	1125904.0	0.299551	Y
6	IC 410-658909/17	100.0	30.897637	50.0	1188510.0	0.308976	Y
7	IC 410-658909/18	300.0	91.249963	50.0	1221572.0	0.304167	Y



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Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

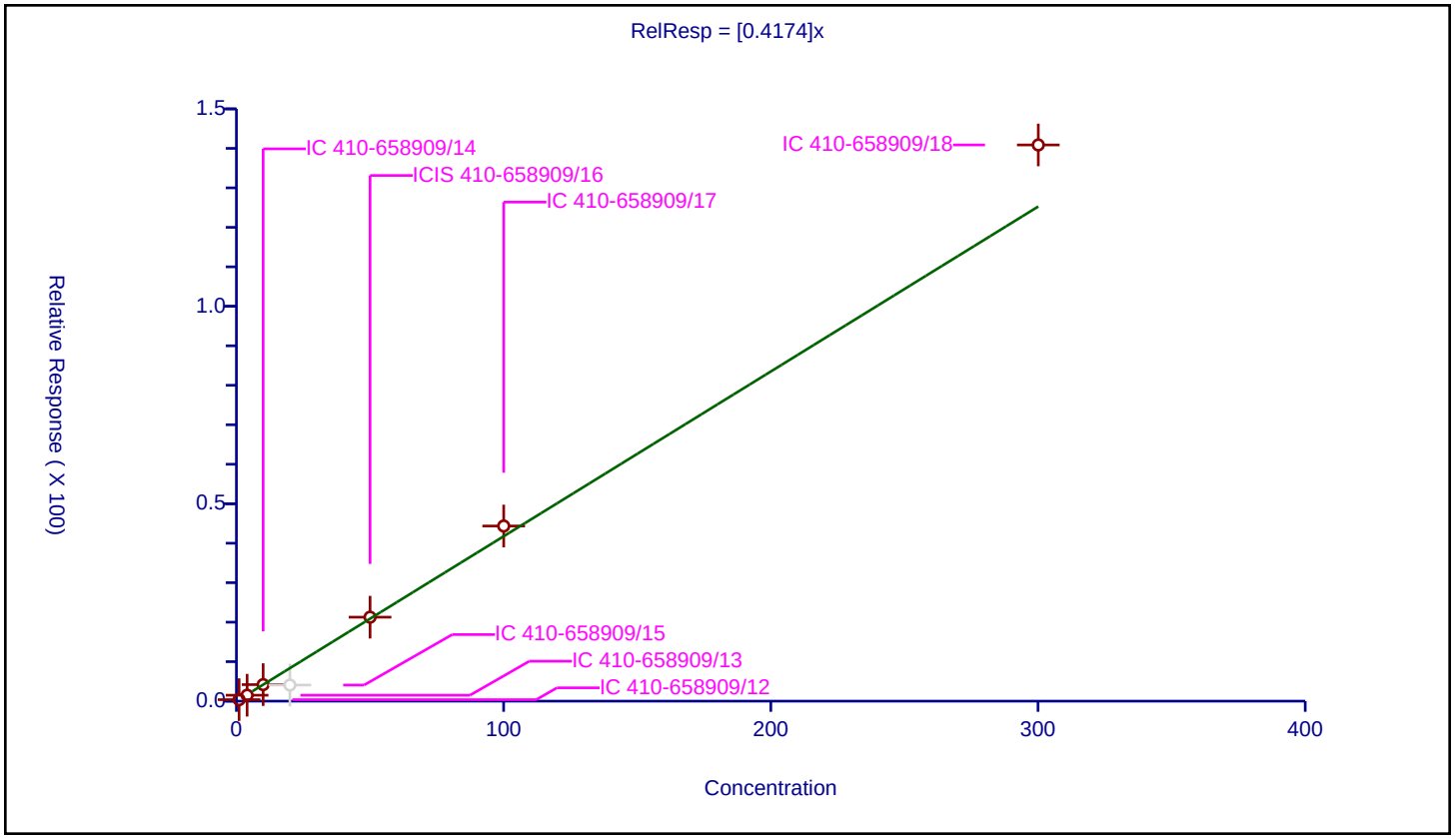
Curve Coefficients

Intercept:	0
Slope:	0.4174

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.000354	0.373161	50.0	1094969.0	0.373029	Y
2	IC 410-658909/13	4.001415	1.500729	50.0	1085839.0	0.37505	Y
3	IC 410-658909/14	10.003538	4.188863	50.0	1087849.0	0.418738	Y
4	IC 410-658909/15	20.007076	4.075268	50.0	2327528.0	0.203691	N
5	ICIS 410-658909/16	50.01769	21.262426	50.0	1125904.0	0.425098	Y
6	IC 410-658909/17	100.03538	44.352887	50.0	1188510.0	0.443372	Y
7	IC 410-658909/18	300.10614	140.867996	50.0	1221572.0	0.469394	Y



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Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

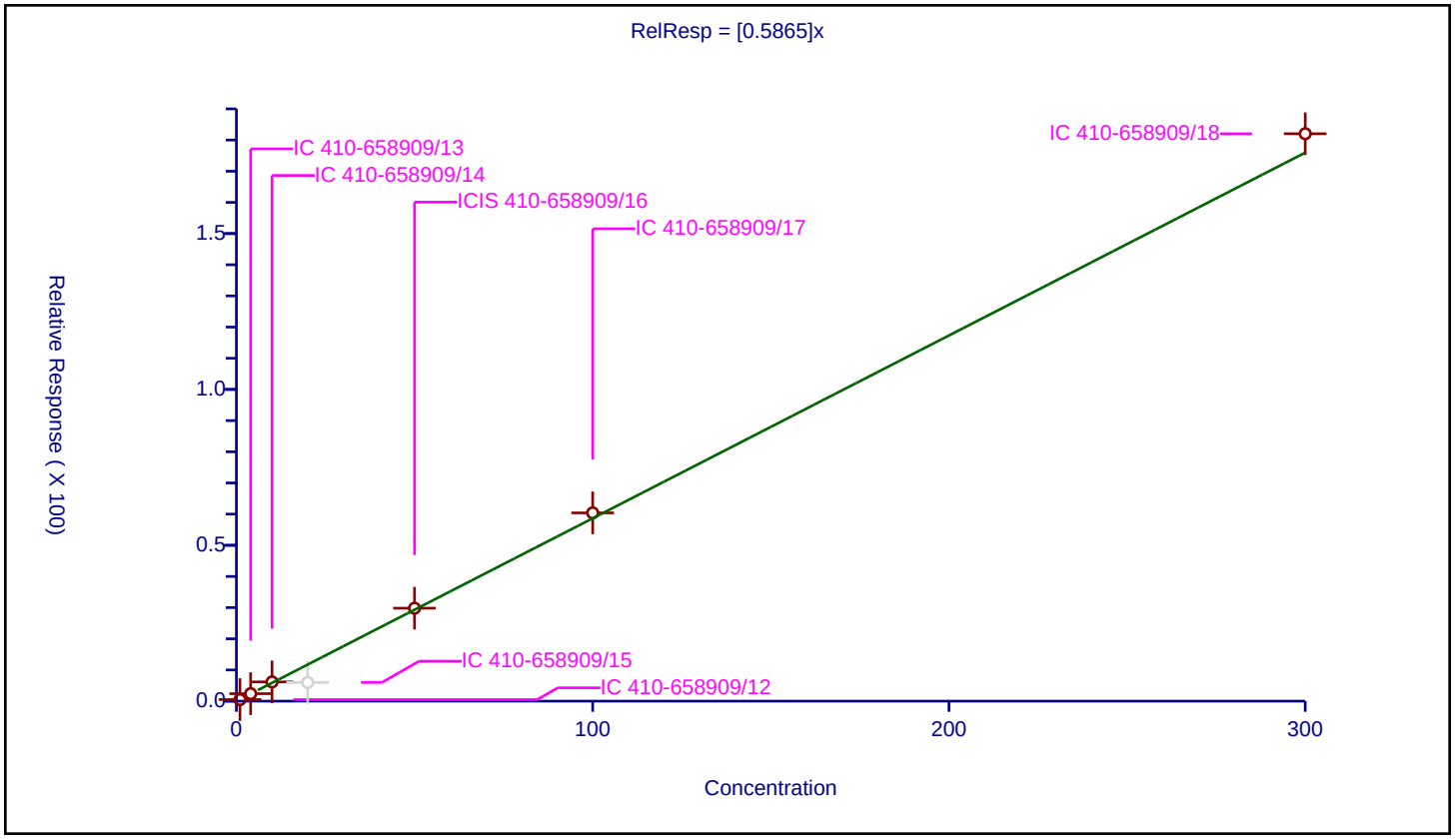
Curve Coefficients

Intercept:	0
Slope:	0.5865

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.497137	50.0	1094969.0	0.497137	Y
2	IC 410-658909/13	4.0	2.39308	50.0	1085839.0	0.59827	Y
3	IC 410-658909/14	10.0	6.167354	50.0	1087849.0	0.616735	Y
4	IC 410-658909/15	20.0	6.006458	50.0	2327528.0	0.300323	N
5	ICIS 410-658909/16	50.0	29.812933	50.0	1125904.0	0.596259	Y
6	IC 410-658909/17	100.0	60.396168	50.0	1188510.0	0.603962	Y
7	IC 410-658909/18	300.0	182.031391	50.0	1221572.0	0.606771	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

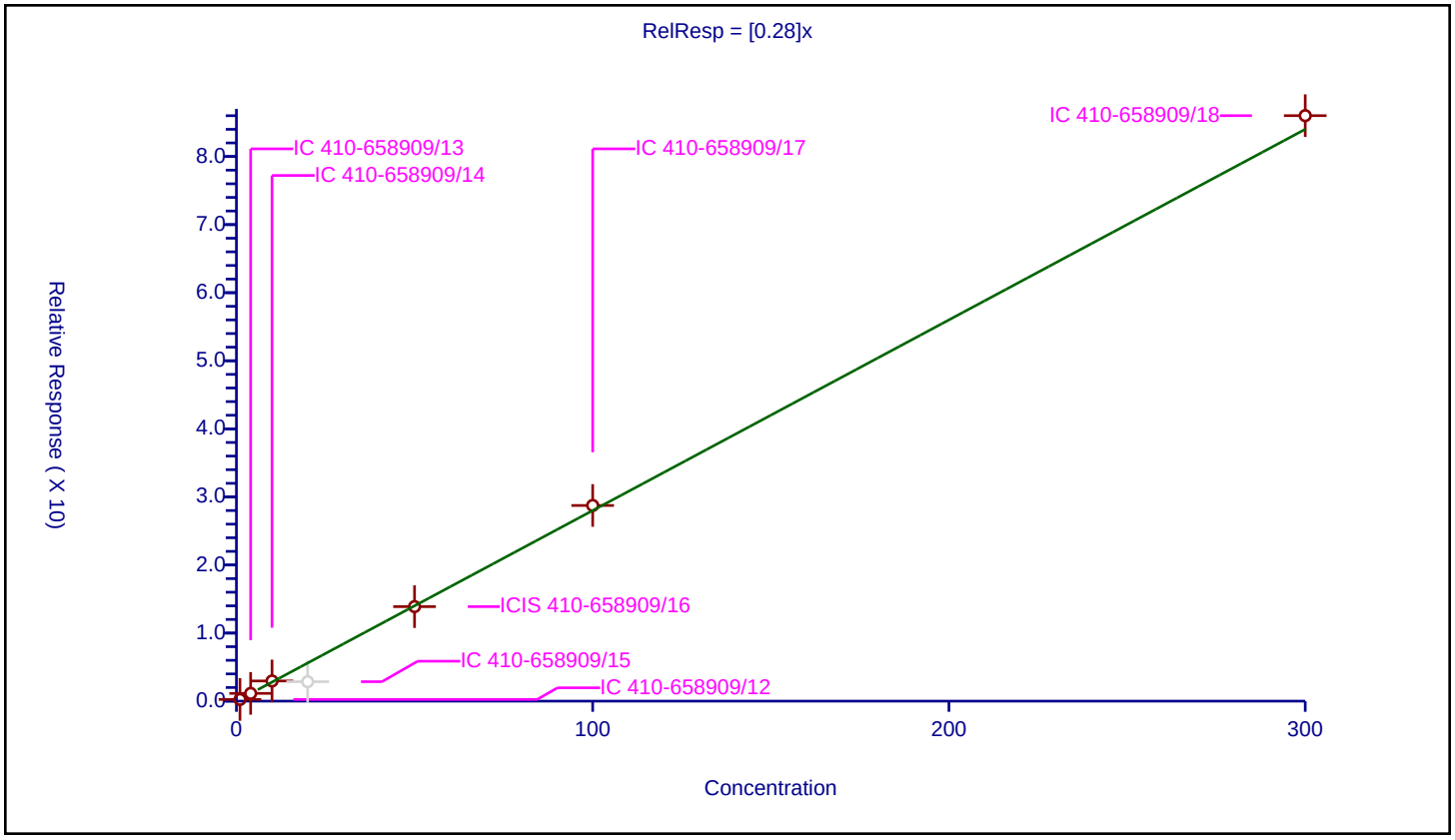
Curve Coefficients

Intercept:	0
Slope:	0.28

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.24745	50.0	1094969.0	0.24745	Y
2	IC 410-658909/13	4.0	1.138521	50.0	1085839.0	0.28463	Y
3	IC 410-658909/14	10.0	2.961992	50.0	1087849.0	0.296199	Y
4	IC 410-658909/15	20.0	2.857581	50.0	2327528.0	0.142879	N
5	ICIS 410-658909/16	50.0	13.882978	50.0	1125904.0	0.27766	Y
6	IC 410-658909/17	100.0	28.744352	50.0	1188510.0	0.287444	Y
7	IC 410-658909/18	300.0	86.006965	50.0	1221572.0	0.28669	Y



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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

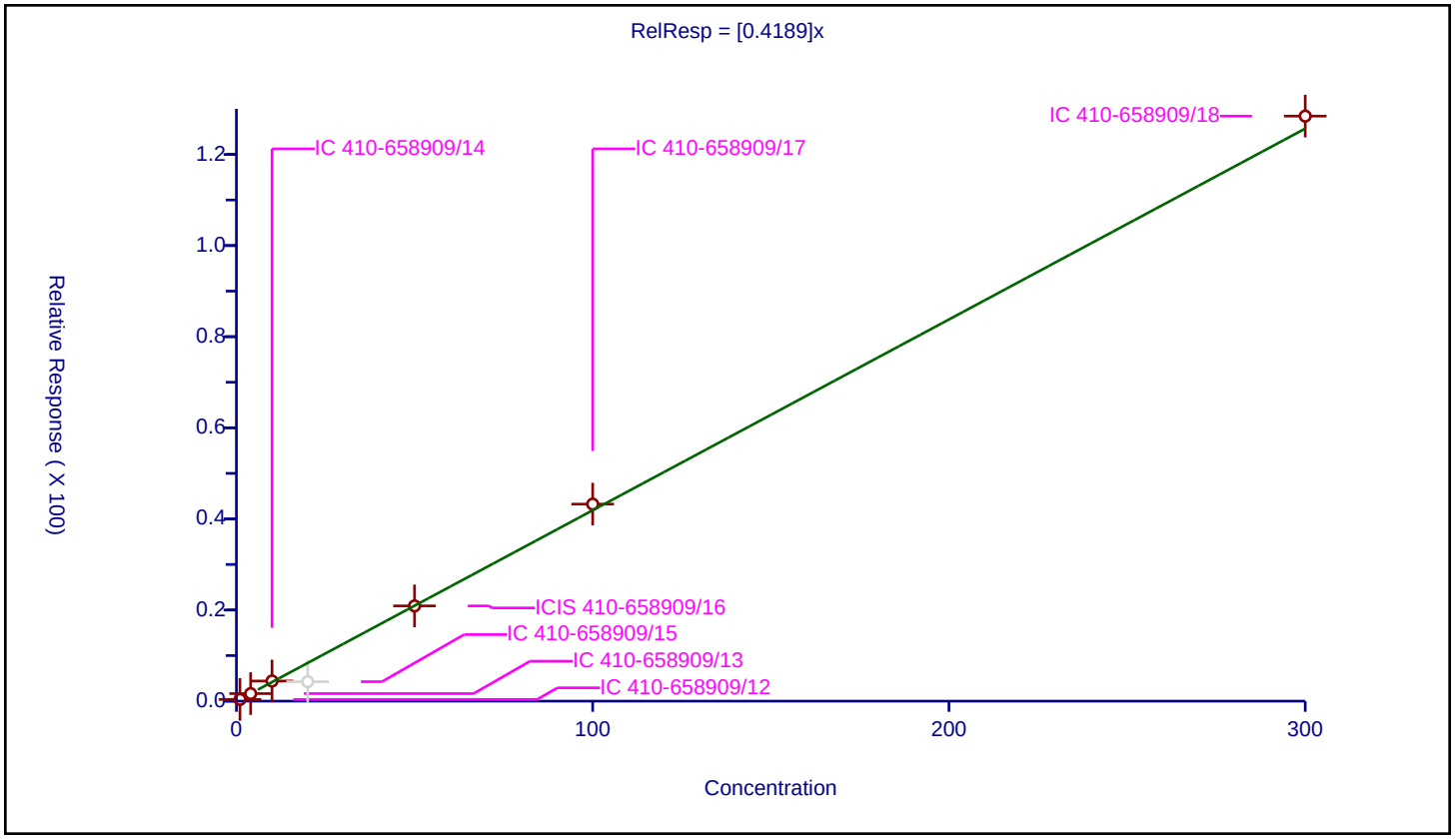
Curve Coefficients

Intercept:	0
Slope:	0.4189

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.378413	50.0	1094969.0	0.378413	Y
2	IC 410-658909/13	4.0	1.659362	50.0	1085839.0	0.414841	Y
3	IC 410-658909/14	10.0	4.415273	50.0	1087849.0	0.441527	Y
4	IC 410-658909/15	20.0	4.270045	50.0	2327528.0	0.213502	N
5	ICIS 410-658909/16	50.0	20.90116	50.0	1125904.0	0.418023	Y
6	IC 410-658909/17	100.0	43.245492	50.0	1188510.0	0.432455	Y
7	IC 410-658909/18	300.0	128.414453	50.0	1221572.0	0.428048	Y



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Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

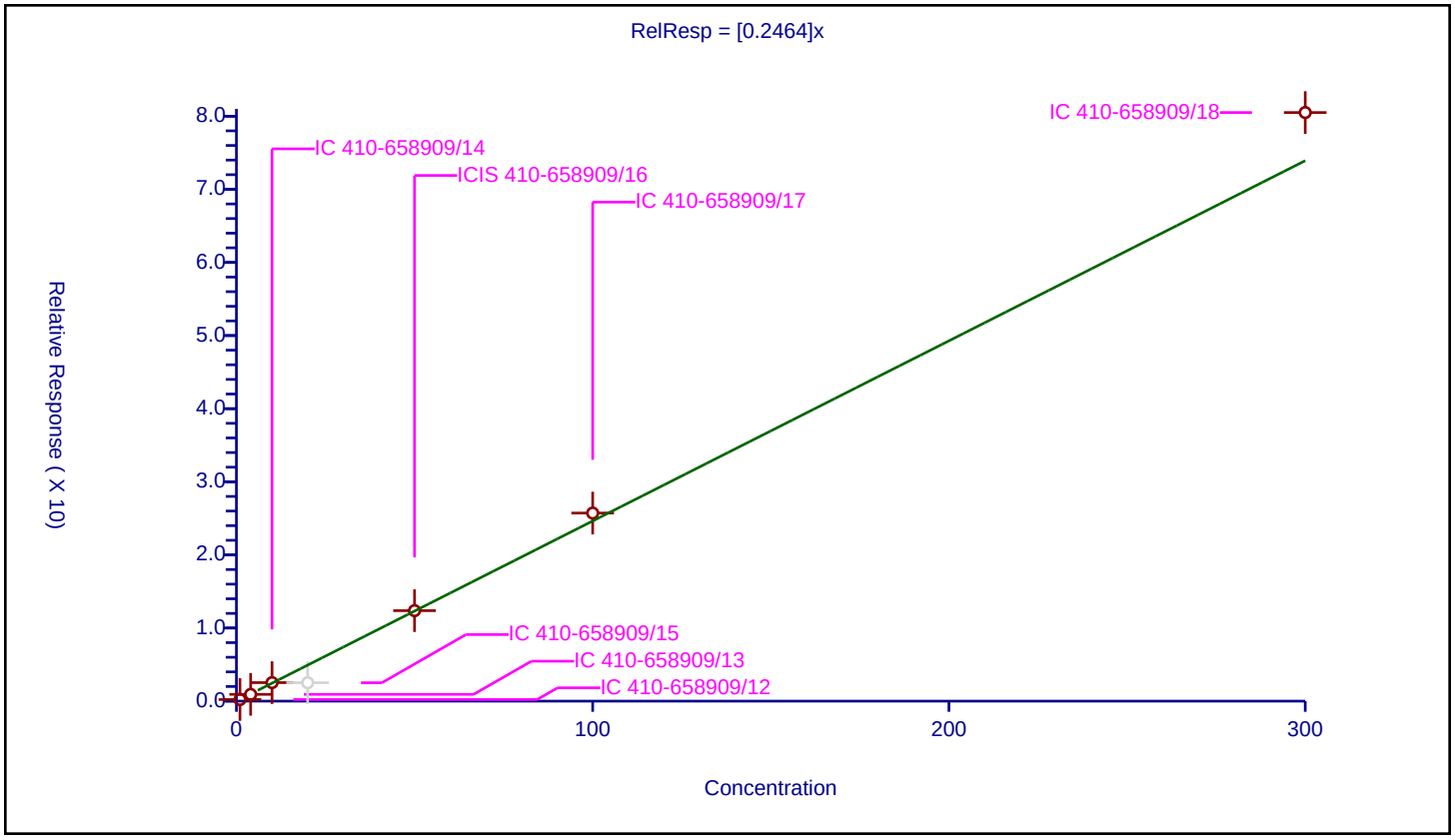
Curve Coefficients

Intercept:	0
Slope:	0.2464

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.220646	50.0	1094969.0	0.220646	Y
2	IC 410-658909/13	4.0	0.925736	50.0	1085839.0	0.231434	Y
3	IC 410-658909/14	10.0	2.531877	50.0	1087849.0	0.253188	Y
4	IC 410-658909/15	20.0	2.518767	50.0	2327528.0	0.125938	N
5	ICIS 410-658909/16	50.0	12.37459	50.0	1125904.0	0.247492	Y
6	IC 410-658909/17	100.0	25.724058	50.0	1188510.0	0.257241	Y
7	IC 410-658909/18	300.0	80.500699	50.0	1221572.0	0.268336	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

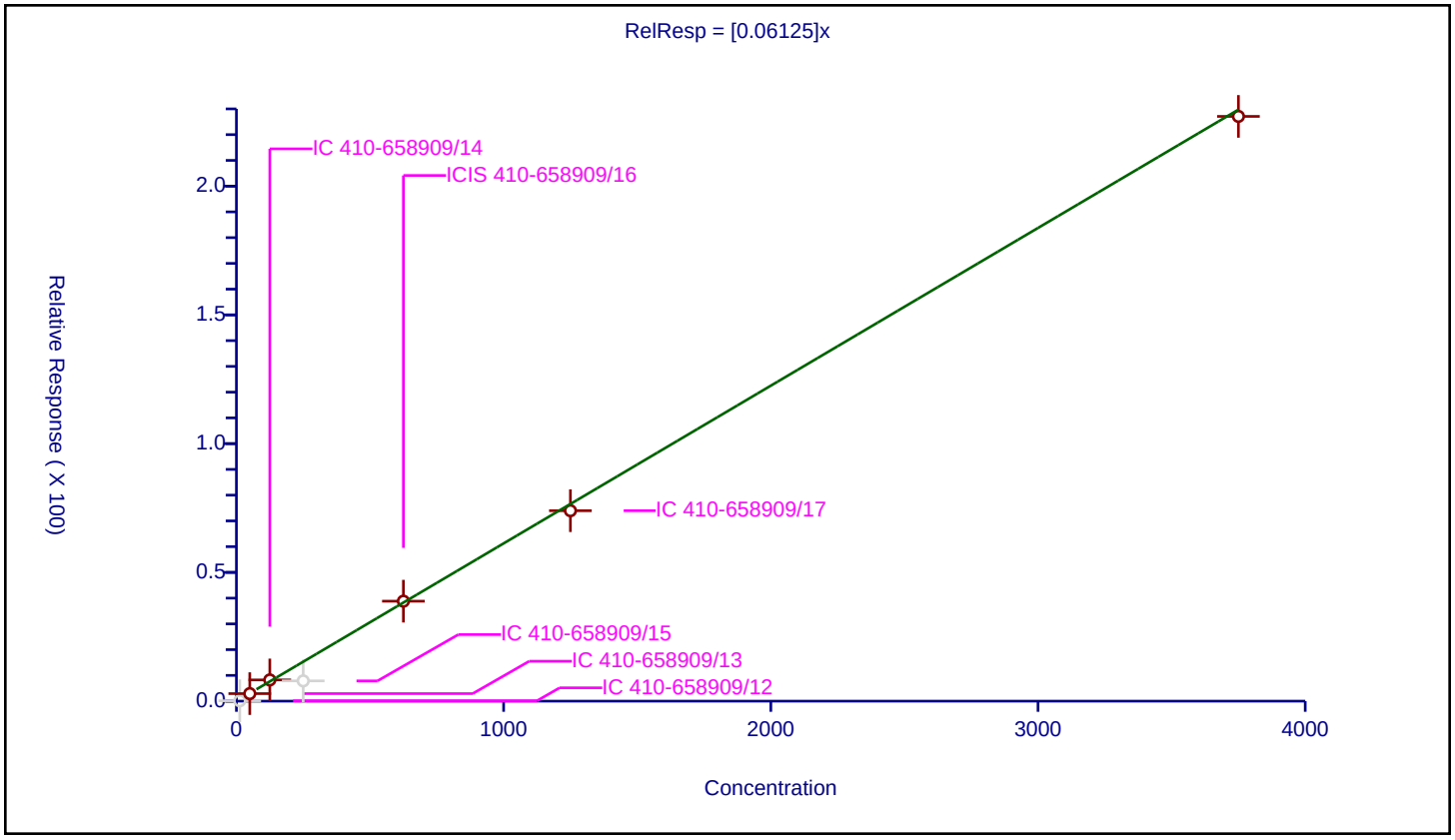
Curve Coefficients

Intercept:	0
Slope:	0.06125

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	12.5	0.138113	250.0	387365.0	0.011049	N
2	IC 410-658909/13	50.0	2.924315	250.0	388467.0	0.058486	Y
3	IC 410-658909/14	125.0	8.243488	250.0	379542.0	0.065948	Y
4	IC 410-658909/15	250.0	7.866292	250.0	915425.0	0.031465	N
5	ICIS 410-658909/16	625.0	38.819982	250.0	423841.0	0.062112	Y
6	IC 410-658909/17	1250.0	73.958473	250.0	425553.0	0.059167	Y
7	IC 410-658909/18	3750.0	227.088154	250.0	433433.0	0.060557	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

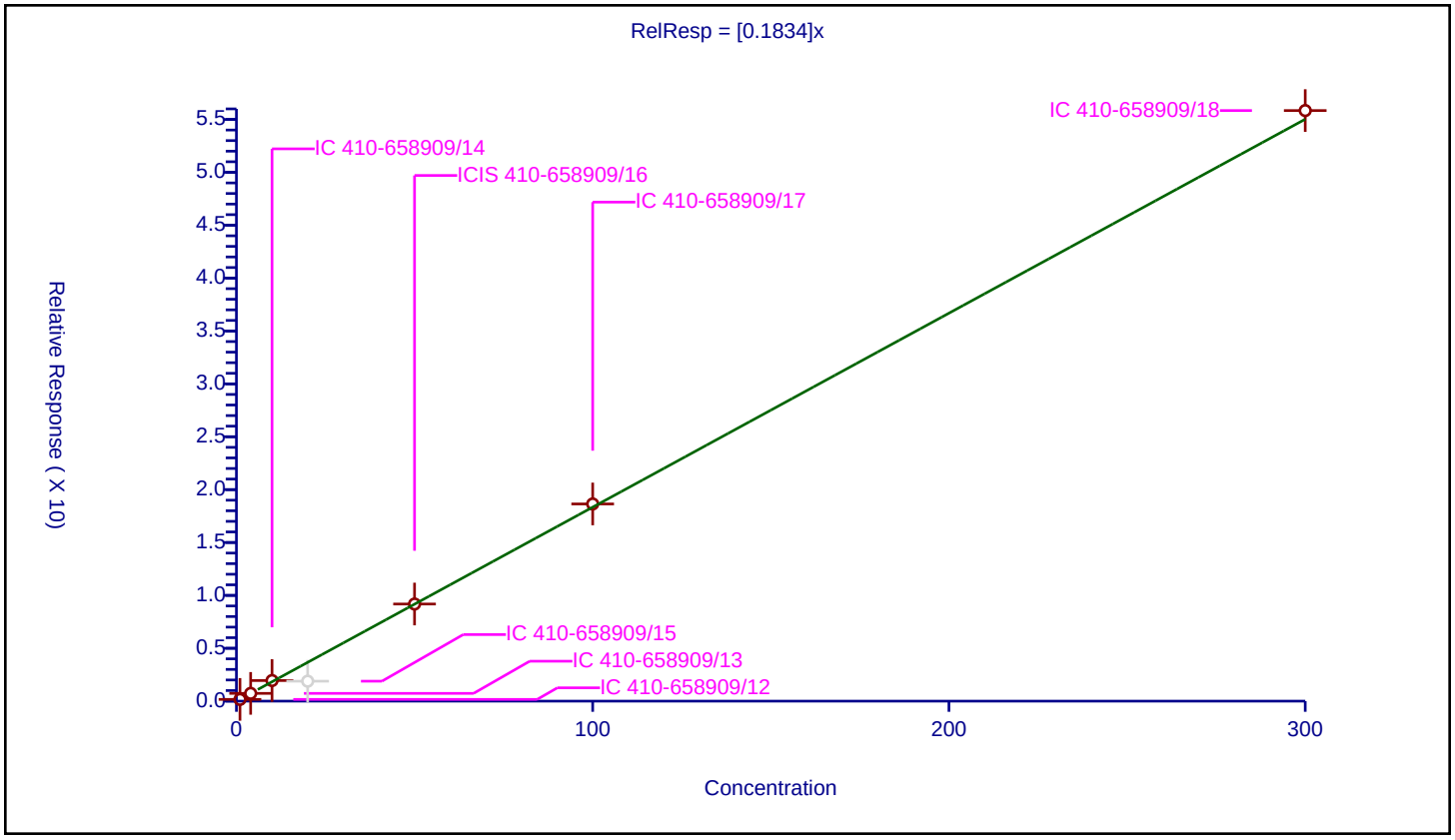
Curve Coefficients

Intercept:	0
Slope:	0.1834

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.166078	50.0	1094969.0	0.166078	Y
2	IC 410-658909/13	4.0	0.733396	50.0	1085839.0	0.183349	Y
3	IC 410-658909/14	10.0	1.947789	50.0	1087849.0	0.194779	Y
4	IC 410-658909/15	20.0	1.888699	50.0	2327528.0	0.094435	N
5	ICIS 410-658909/16	50.0	9.183554	50.0	1125904.0	0.183671	Y
6	IC 410-658909/17	100.0	18.64511	50.0	1188510.0	0.186451	Y
7	IC 410-658909/18	300.0	55.841203	50.0	1221572.0	0.186137	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

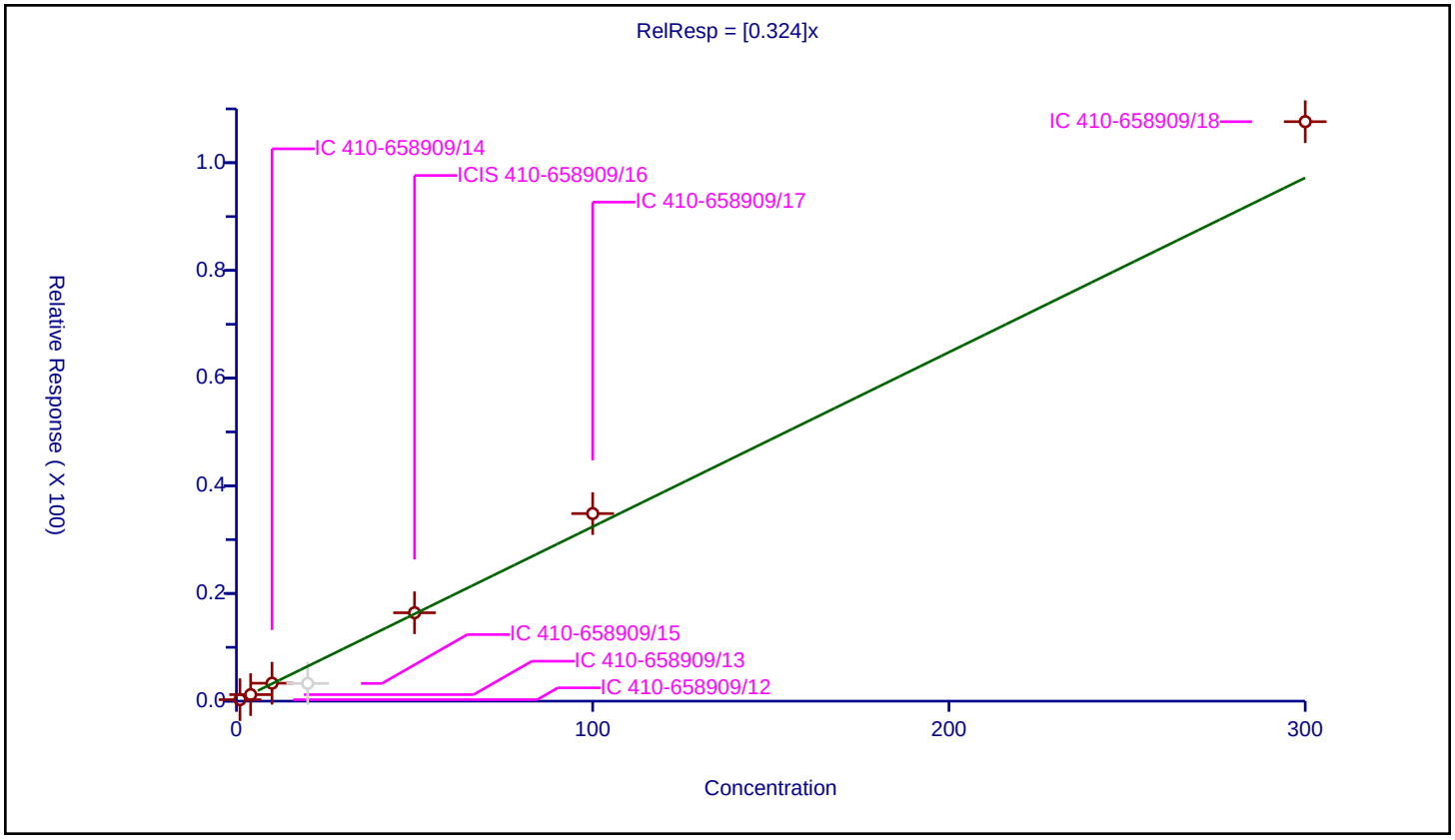
Curve Coefficients

Intercept:	0
Slope:	0.324

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.272062	50.0	1094969.0	0.272062	Y
2	IC 410-658909/13	4.0	1.21413	50.0	1085839.0	0.303533	Y
3	IC 410-658909/14	10.0	3.330701	50.0	1087849.0	0.33307	Y
4	IC 410-658909/15	20.0	3.289026	50.0	2327528.0	0.164451	N
5	ICIS 410-658909/16	50.0	16.41401	50.0	1125904.0	0.32828	Y
6	IC 410-658909/17	100.0	34.83555	50.0	1188510.0	0.348356	Y
7	IC 410-658909/18	300.0	107.625748	50.0	1221572.0	0.358752	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

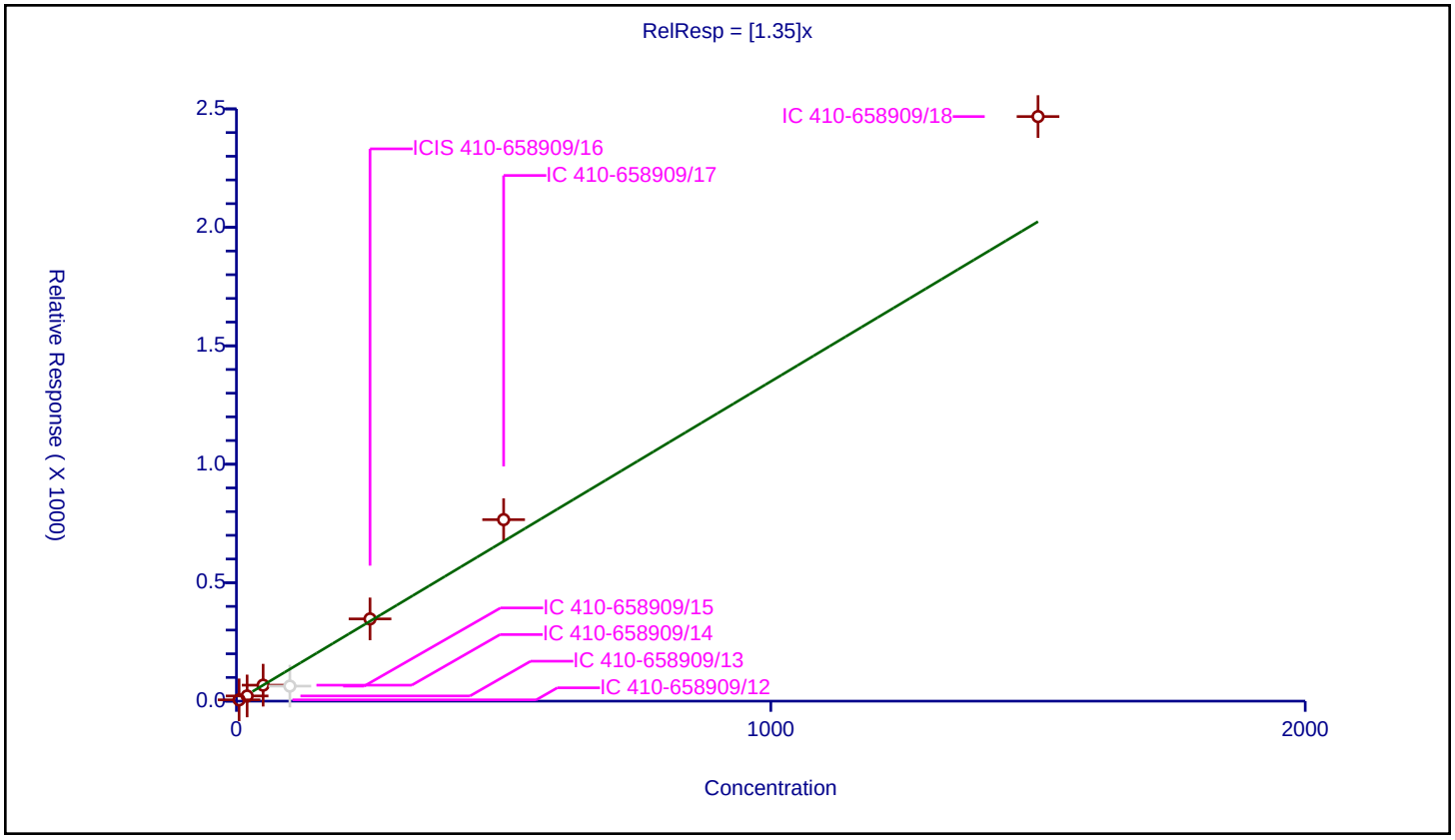
Curve Coefficients

Intercept:	0
Slope:	1.35

Error Coefficients

Relative Standard Deviation:	16.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	5.0	5.43996	250.0	387365.0	1.087992	Y
2	IC 410-658909/13	20.0	21.911771	250.0	388467.0	1.095589	Y
3	IC 410-658909/14	50.0	67.396362	250.0	379542.0	1.347927	Y
4	IC 410-658909/15	100.0	63.426277	250.0	915425.0	0.634263	N
5	ICIS 410-658909/16	250.0	347.126045	250.0	423841.0	1.388504	Y
6	IC 410-658909/17	500.0	766.089653	250.0	425553.0	1.532179	Y
7	IC 410-658909/18	1500.0	2467.658785	250.0	433433.0	1.645106	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

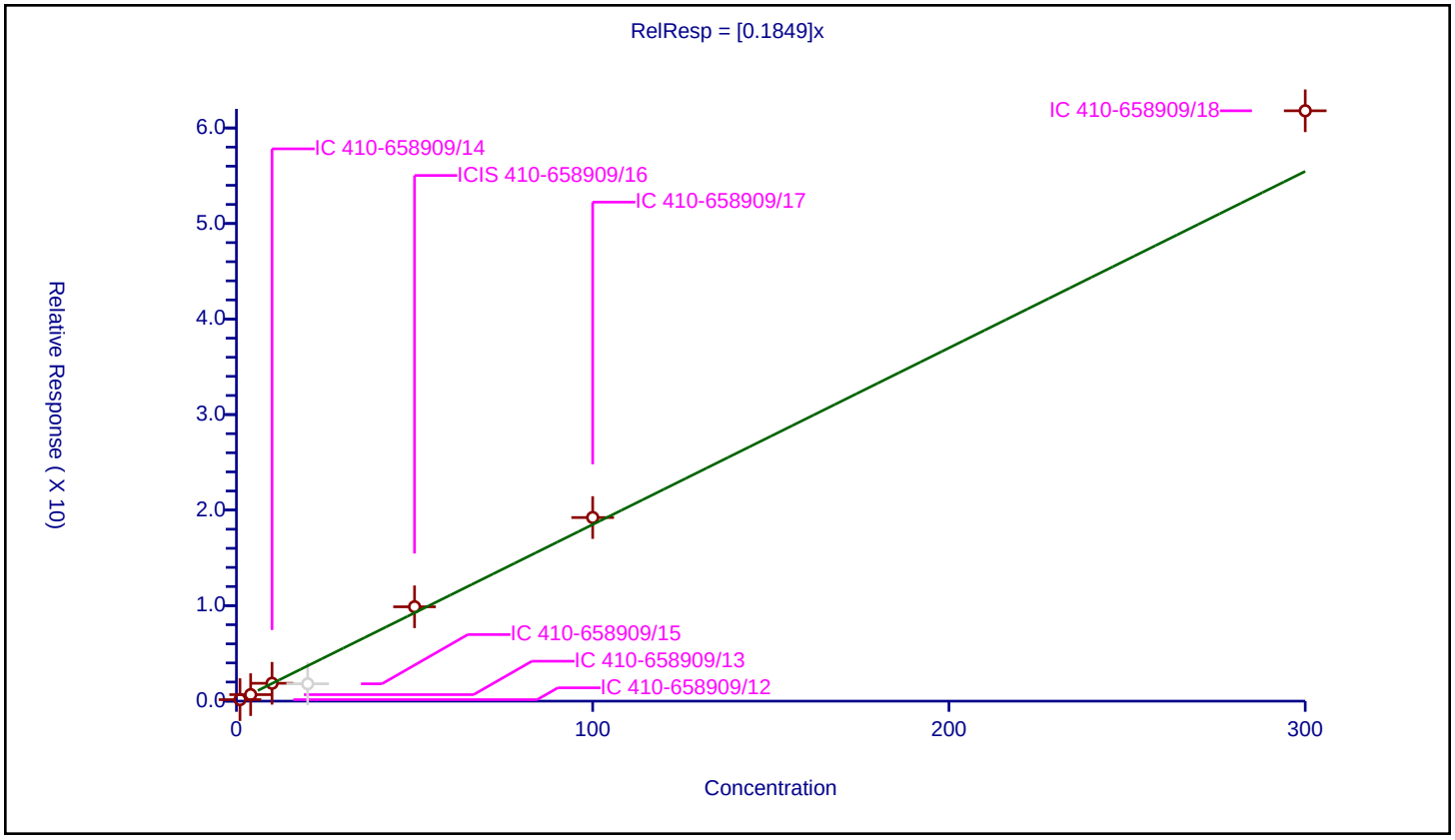
Curve Coefficients

Intercept:	0
Slope:	0.1849

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.156306	50.0	1094969.0	0.156306	Y
2	IC 410-658909/13	4.0	0.68127	50.0	1085839.0	0.170318	Y
3	IC 410-658909/14	10.0	1.868642	50.0	1087849.0	0.186864	Y
4	IC 410-658909/15	20.0	1.816305	50.0	2327528.0	0.090815	N
5	ICIS 410-658909/16	50.0	9.876064	50.0	1125904.0	0.197521	Y
6	IC 410-658909/17	100.0	19.221336	50.0	1188510.0	0.192213	Y
7	IC 410-658909/18	300.0	61.801351	50.0	1221572.0	0.206005	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

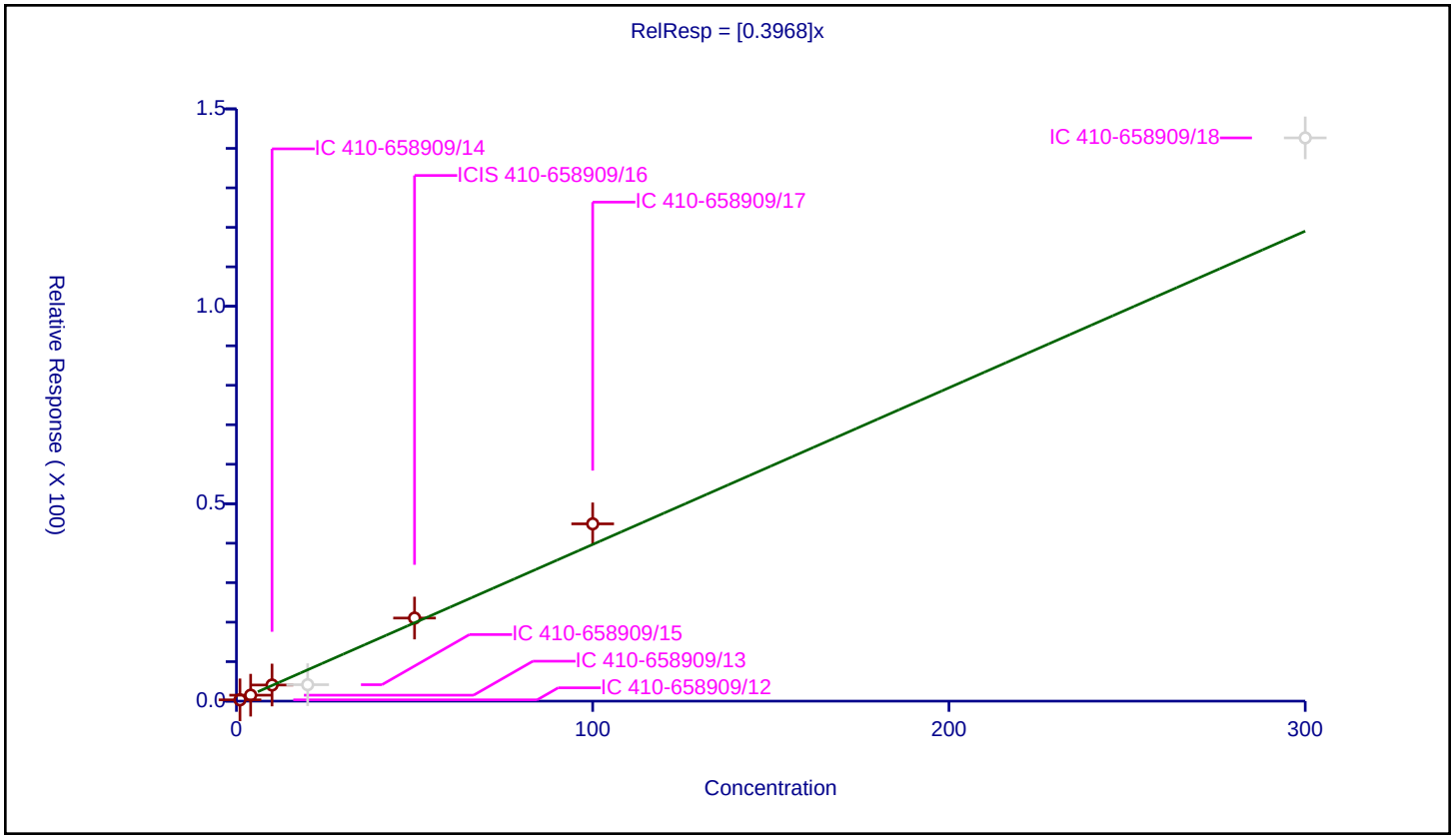
Curve Coefficients

Intercept:	0
Slope:	0.3968

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.328365	50.0	1094969.0	0.328365	Y
2	IC 410-658909/13	4.0	1.509386	50.0	1085839.0	0.377346	Y
3	IC 410-658909/14	10.0	4.084896	50.0	1087849.0	0.40849	Y
4	IC 410-658909/15	20.0	4.164719	50.0	2327528.0	0.208236	N
5	ICIS 410-658909/16	50.0	21.042513	50.0	1125904.0	0.42085	Y
6	IC 410-658909/17	100.0	44.901768	50.0	1188510.0	0.449018	Y
7	IC 410-658909/18	300.0	142.653564	50.0	1221572.0	0.475512	N



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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

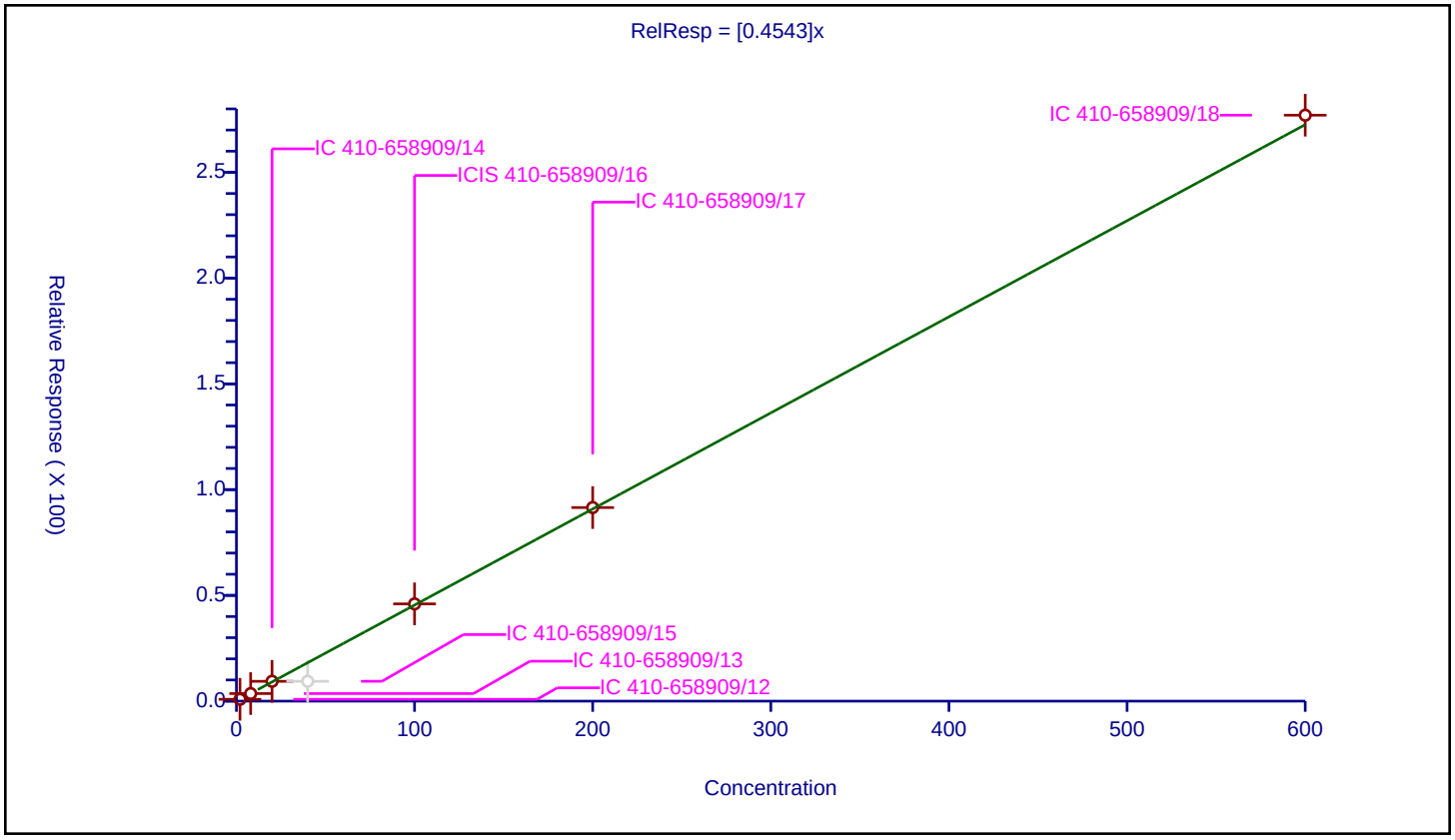
Curve Coefficients

Intercept:	0
Slope:	0.4543

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.0	0.860435	50.0	1094969.0	0.430218	Y
2	IC 410-658909/13	8.0	3.581332	50.0	1085839.0	0.447667	Y
3	IC 410-658909/14	20.0	9.371062	50.0	1087849.0	0.468553	Y
4	IC 410-658909/15	40.0	9.381026	50.0	2327528.0	0.234526	N
5	ICIS 410-658909/16	100.0	45.97821	50.0	1125904.0	0.459782	Y
6	IC 410-658909/17	200.0	91.521106	50.0	1188510.0	0.457606	Y
7	IC 410-658909/18	600.0	277.031808	50.0	1221572.0	0.46172	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

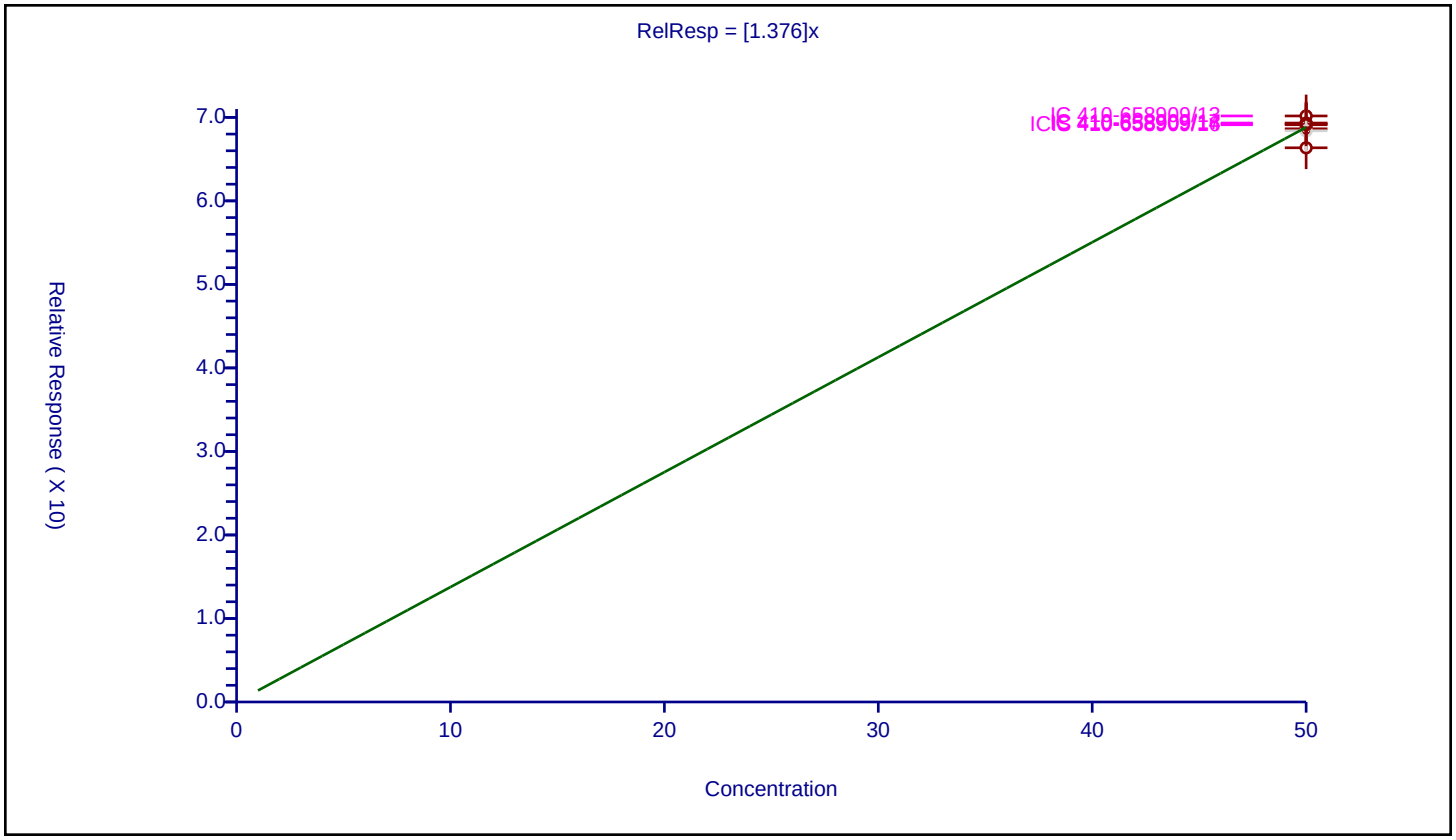
Curve Coefficients

Intercept:	0
Slope:	1.376

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	50.0	68.631936	50.0	725244.0	1.372639	Y
2	IC 410-658909/13	50.0	70.168831	50.0	715272.0	1.403377	Y
3	IC 410-658909/14	50.0	69.219637	50.0	733851.0	1.384393	Y
4	IC 410-658909/15	50.0	68.391819	50.0	1590294.0	1.367836	N
5	ICIS 410-658909/16	50.0	69.1152	50.0	759754.0	1.382304	Y
6	IC 410-658909/17	50.0	69.318935	50.0	818042.0	1.386379	Y
7	IC 410-658909/18	50.0	66.357414	50.0	894038.0	1.327148	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

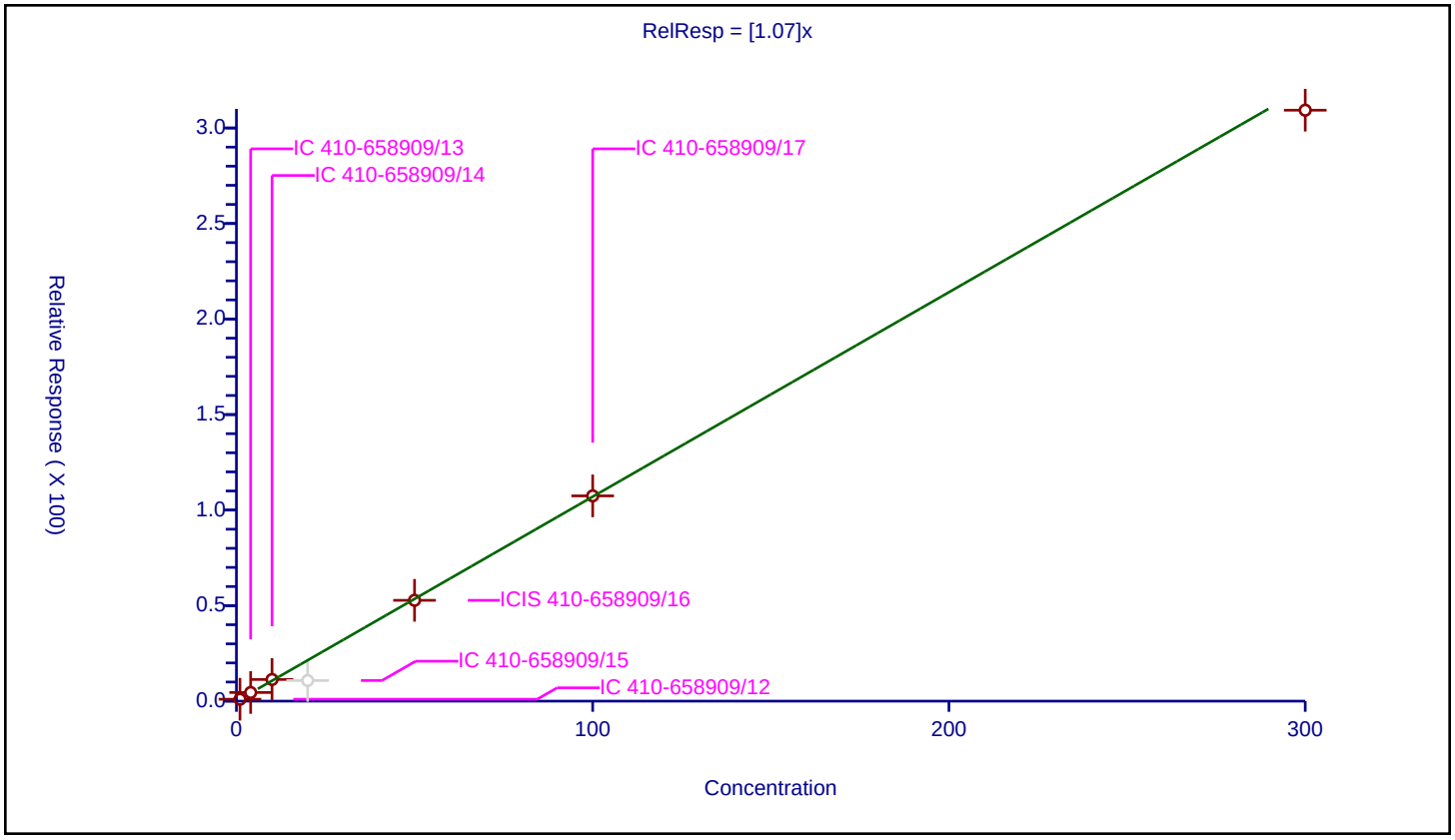
Curve Coefficients

Intercept:	0
Slope:	1.07

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.997182	50.0	725244.0	0.997182	Y
2	IC 410-658909/13	4.0	4.51926	50.0	715272.0	1.129815	Y
3	IC 410-658909/14	10.0	11.333023	50.0	733851.0	1.133302	Y
4	IC 410-658909/15	20.0	10.795551	50.0	1590294.0	0.539778	N
5	ICIS 410-658909/16	50.0	52.772345	50.0	759754.0	1.055447	Y
6	IC 410-658909/17	100.0	107.442894	50.0	818042.0	1.074429	Y
7	IC 410-658909/18	300.0	309.323261	50.0	894038.0	1.031078	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

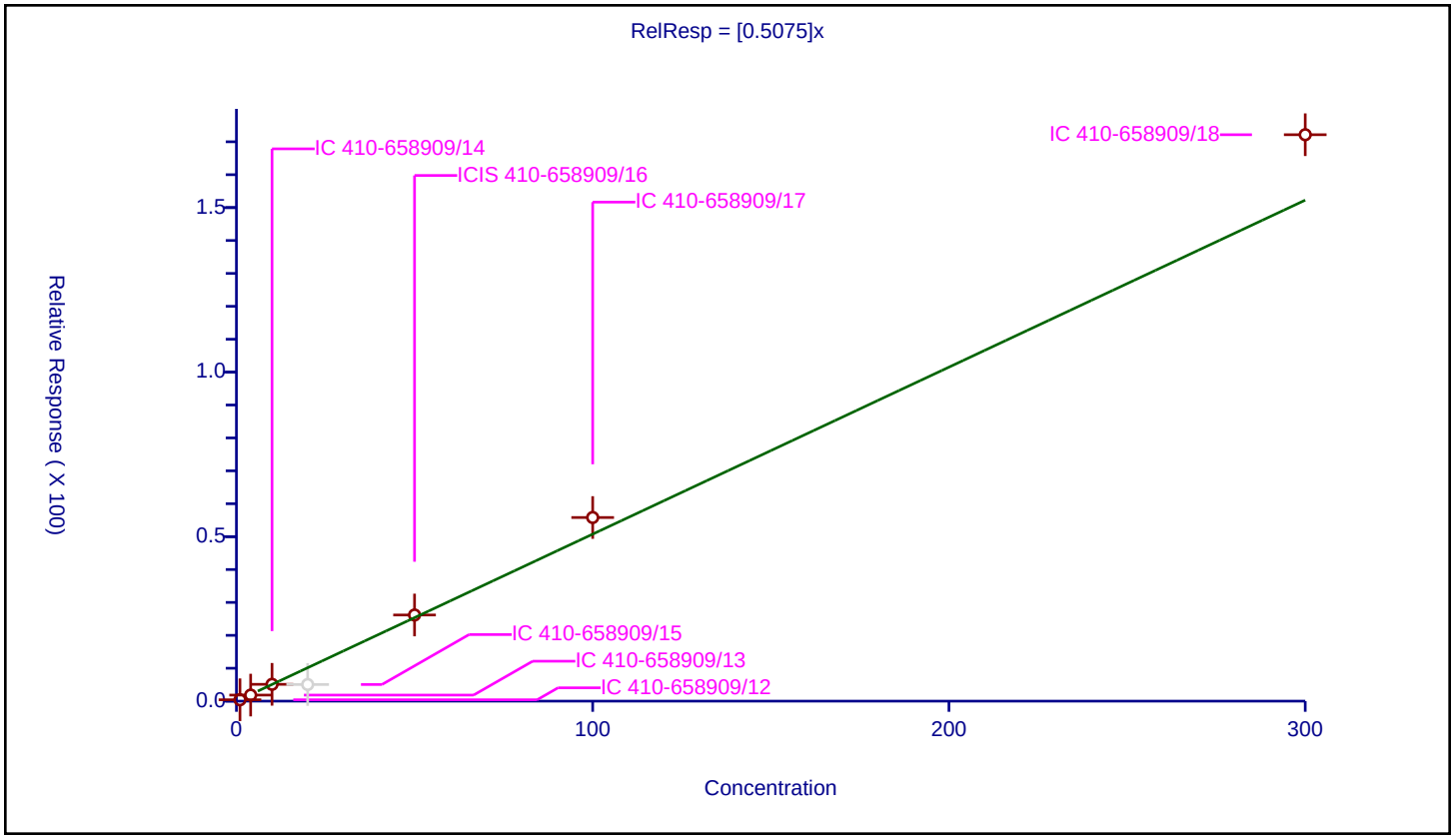
Curve Coefficients

Intercept:	0
Slope:	0.5075

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.418549	50.0	725244.0	0.418549	Y
2	IC 410-658909/13	4.0	1.840698	50.0	715272.0	0.460175	Y
3	IC 410-658909/14	10.0	5.10962	50.0	733851.0	0.510962	Y
4	IC 410-658909/15	20.0	5.055103	50.0	1590294.0	0.252755	N
5	ICIS 410-658909/16	50.0	26.185844	50.0	759754.0	0.523717	Y
6	IC 410-658909/17	100.0	55.805814	50.0	818042.0	0.558058	Y
7	IC 410-658909/18	300.0	172.149003	50.0	894038.0	0.57383	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

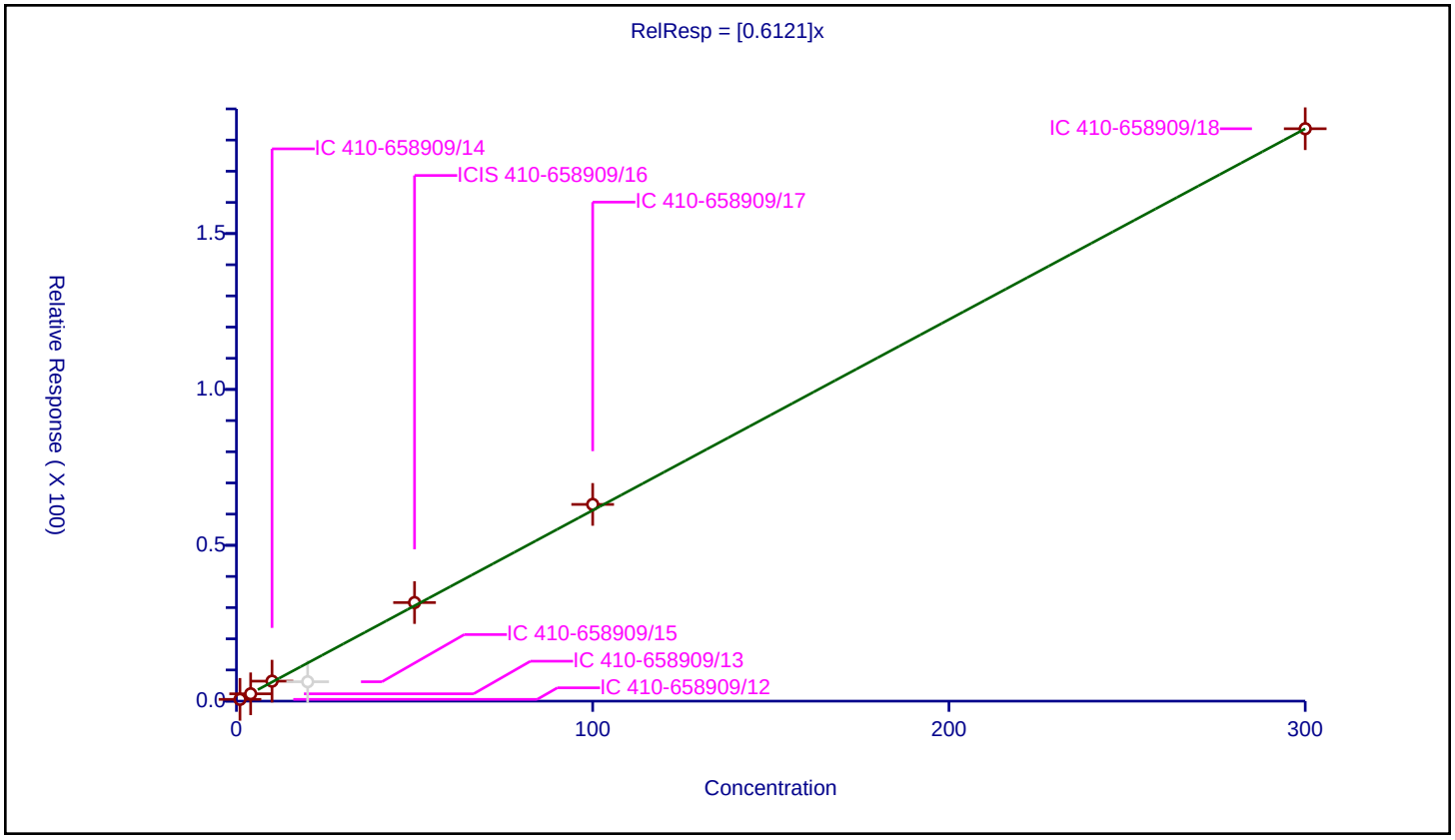
Curve Coefficients

Intercept:	0
Slope:	0.6121

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.566706	50.0	725244.0	0.566706	Y
2	IC 410-658909/13	4.0	2.356586	50.0	715272.0	0.589147	Y
3	IC 410-658909/14	10.0	6.409271	50.0	733851.0	0.640927	Y
4	IC 410-658909/15	20.0	6.225327	50.0	1590294.0	0.311266	N
5	ICIS 410-658909/16	50.0	31.631291	50.0	759754.0	0.632626	Y
6	IC 410-658909/17	100.0	63.111674	50.0	818042.0	0.631117	Y
7	IC 410-658909/18	300.0	183.634924	50.0	894038.0	0.612116	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

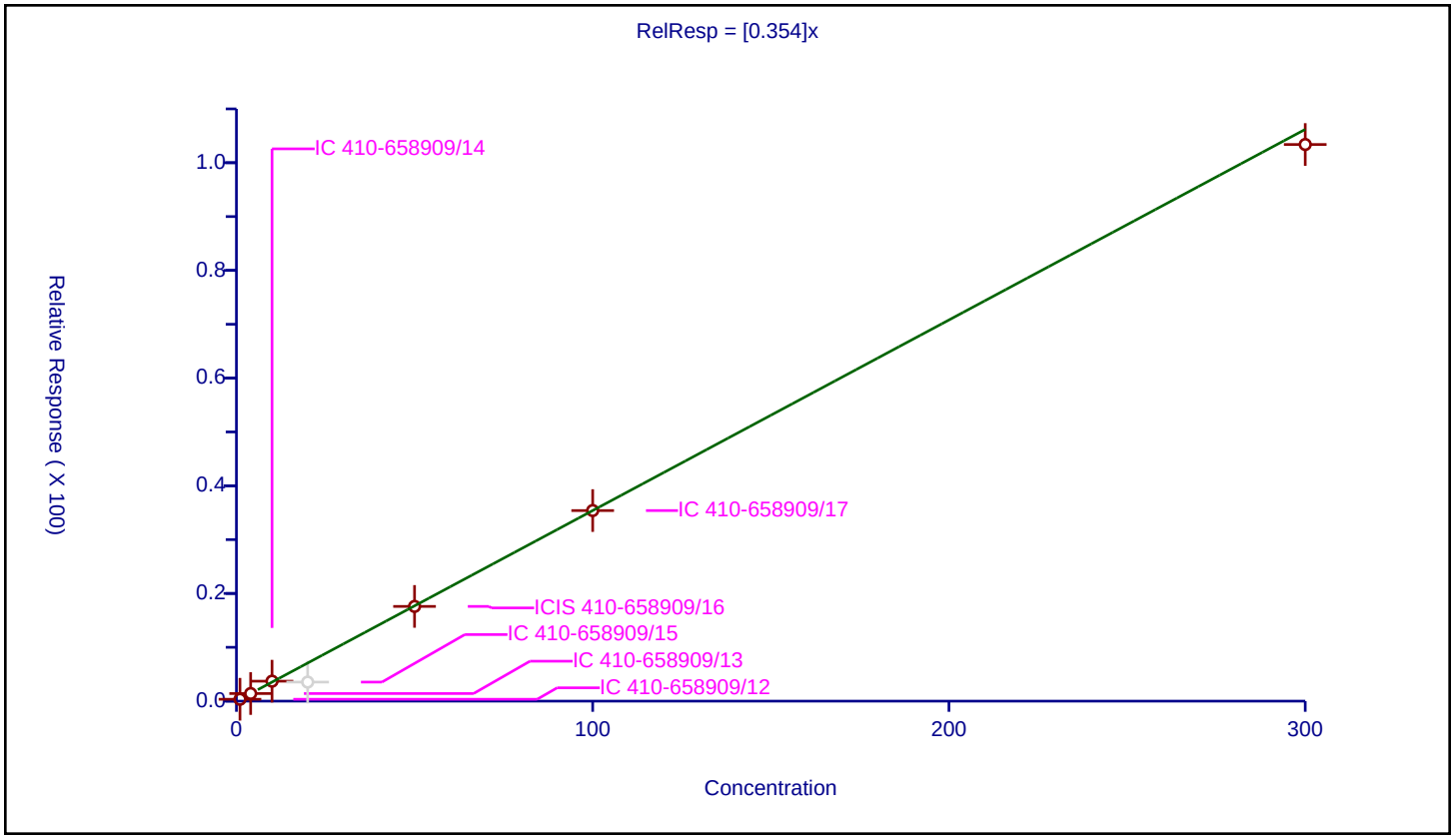
Curve Coefficients

Intercept:	0
Slope:	0.354

Error Coefficients

Relative Standard Deviation:	2.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.349124	50.0	725244.0	0.349124	Y
2	IC 410-658909/13	4.0	1.413658	50.0	715272.0	0.353415	Y
3	IC 410-658909/14	10.0	3.708518	50.0	733851.0	0.370852	Y
4	IC 410-658909/15	20.0	3.540446	50.0	1590294.0	0.177022	N
5	ICIS 410-658909/16	50.0	17.592734	50.0	759754.0	0.351855	Y
6	IC 410-658909/17	100.0	35.396104	50.0	818042.0	0.353961	Y
7	IC 410-658909/18	300.0	103.383637	50.0	894038.0	0.344612	Y



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Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

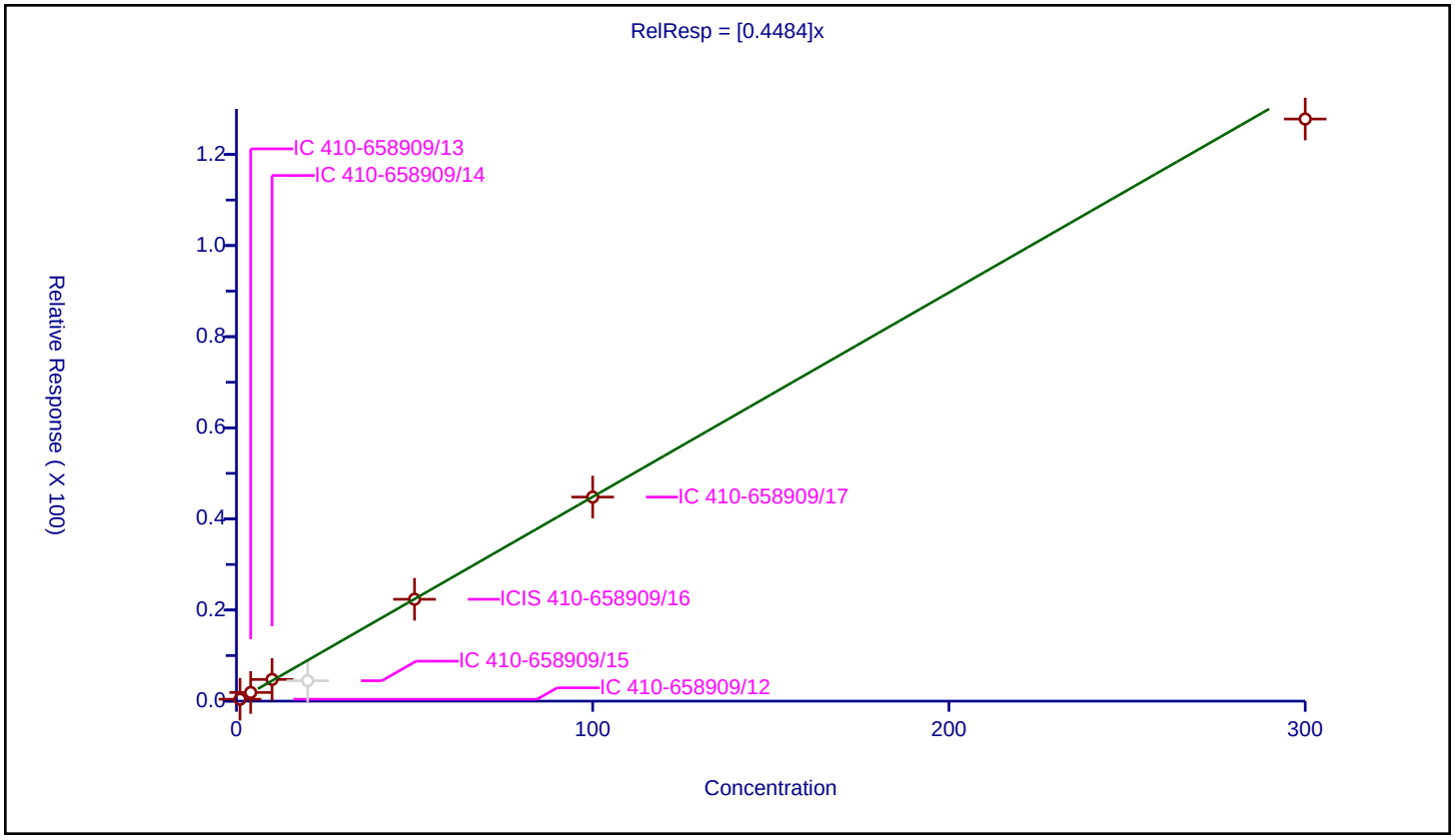
Curve Coefficients

Intercept:	0
Slope:	0.4484

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.417239	50.0	725244.0	0.417239	Y
2	IC 410-658909/13	4.0	1.905848	50.0	715272.0	0.476462	Y
3	IC 410-658909/14	10.0	4.759481	50.0	733851.0	0.475948	Y
4	IC 410-658909/15	20.0	4.479486	50.0	1590294.0	0.223974	N
5	ICIS 410-658909/16	50.0	22.358026	50.0	759754.0	0.447161	Y
6	IC 410-658909/17	100.0	44.792566	50.0	818042.0	0.447926	Y
7	IC 410-658909/18	300.0	127.779077	50.0	894038.0	0.42593	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

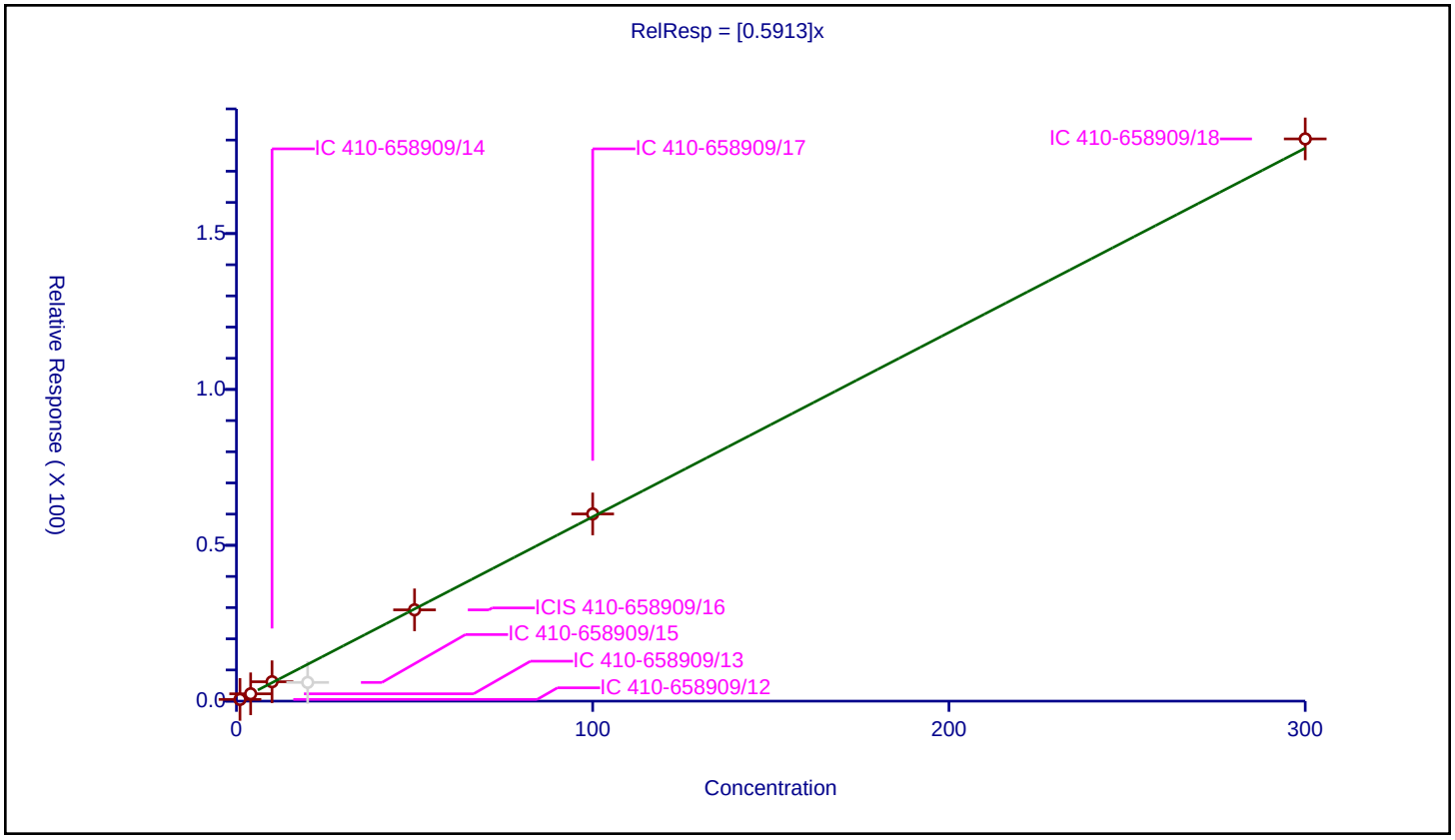
Curve Coefficients

Intercept:	0
Slope:	0.5913

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.549539	50.0	725244.0	0.549539	Y
2	IC 410-658909/13	4.0	2.355677	50.0	715272.0	0.588919	Y
3	IC 410-658909/14	10.0	6.220745	50.0	733851.0	0.622075	Y
4	IC 410-658909/15	20.0	6.006154	50.0	1590294.0	0.300308	N
5	ICIS 410-658909/16	50.0	29.288625	50.0	759754.0	0.585773	Y
6	IC 410-658909/17	100.0	60.053824	50.0	818042.0	0.600538	Y
7	IC 410-658909/18	300.0	180.37108	50.0	894038.0	0.601237	Y



Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

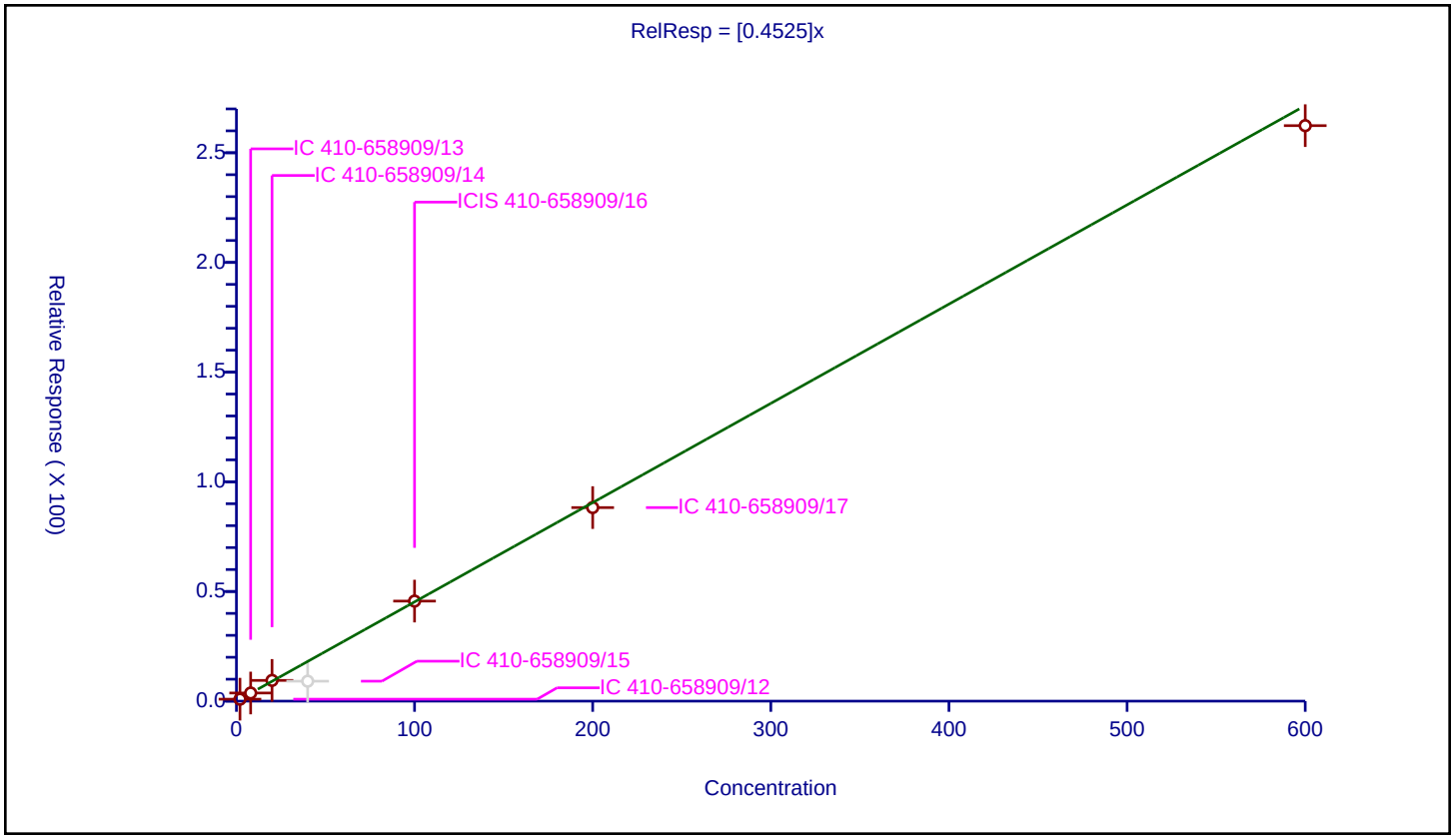
Curve Coefficients

Intercept:	0
Slope:	0.4525

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.0	0.886943	50.0	725244.0	0.443471	Y
2	IC 410-658909/13	8.0	3.713622	50.0	715272.0	0.464203	Y
3	IC 410-658909/14	20.0	9.453145	50.0	733851.0	0.472657	Y
4	IC 410-658909/15	40.0	9.099418	50.0	1590294.0	0.227485	N
5	ICIS 410-658909/16	100.0	45.611803	50.0	759754.0	0.456118	Y
6	IC 410-658909/17	200.0	88.245775	50.0	818042.0	0.441229	Y
7	IC 410-658909/18	600.0	262.360045	50.0	894038.0	0.437267	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

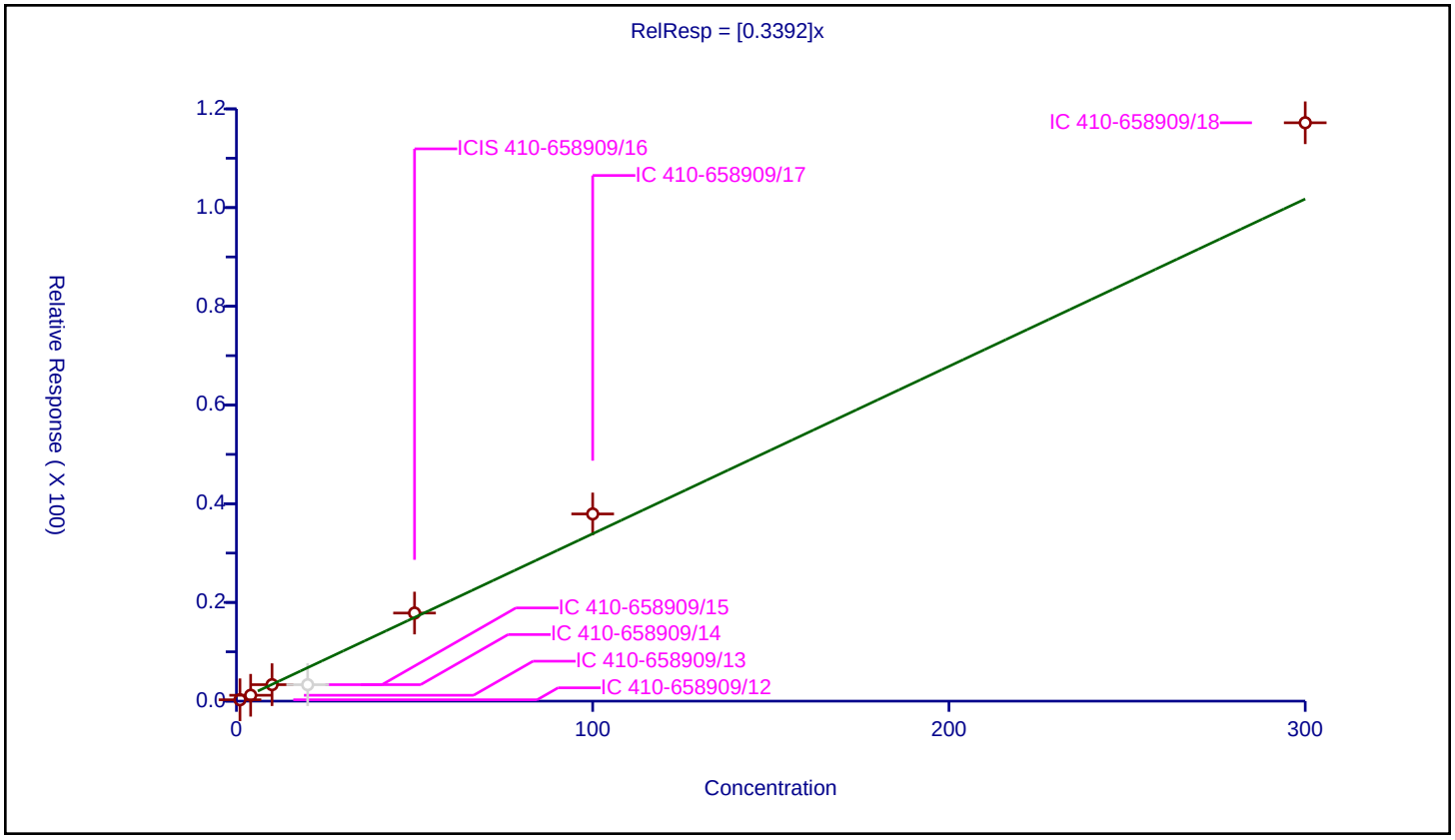
Curve Coefficients

Intercept:	0
Slope:	0.3392

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.276803	50.0	725244.0	0.276803	Y
2	IC 410-658909/13	4.0	1.190316	50.0	715272.0	0.297579	Y
3	IC 410-658909/14	10.0	3.336645	50.0	733851.0	0.333664	Y
4	IC 410-658909/15	20.0	3.331459	50.0	1590294.0	0.166573	N
5	ICIS 410-658909/16	50.0	17.849988	50.0	759754.0	0.357	Y
6	IC 410-658909/17	100.0	37.930387	50.0	818042.0	0.379304	Y
7	IC 410-658909/18	300.0	117.189706	50.0	894038.0	0.390632	Y



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Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

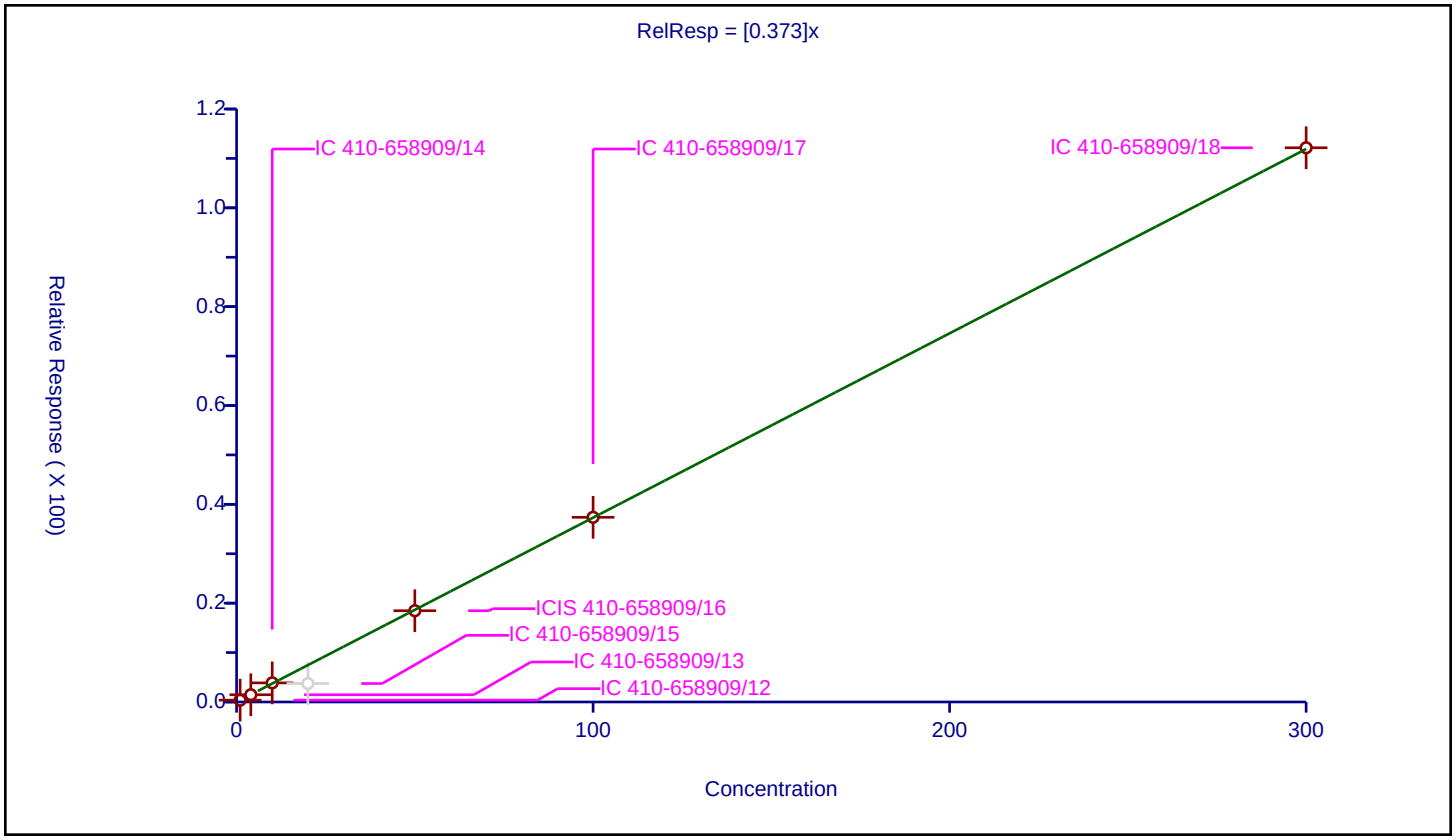
Curve Coefficients

Intercept:	0
Slope:	0.373

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.367807	50.0	725244.0	0.367807	Y
2	IC 410-658909/13	4.0	1.466295	50.0	715272.0	0.366574	Y
3	IC 410-658909/14	10.0	3.867883	50.0	733851.0	0.386788	Y
4	IC 410-658909/15	20.0	3.738082	50.0	1590294.0	0.186904	N
5	ICIS 410-658909/16	50.0	18.470913	50.0	759754.0	0.369418	Y
6	IC 410-658909/17	100.0	37.371675	50.0	818042.0	0.373717	Y
7	IC 410-658909/18	300.0	112.161172	50.0	894038.0	0.373871	Y



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Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

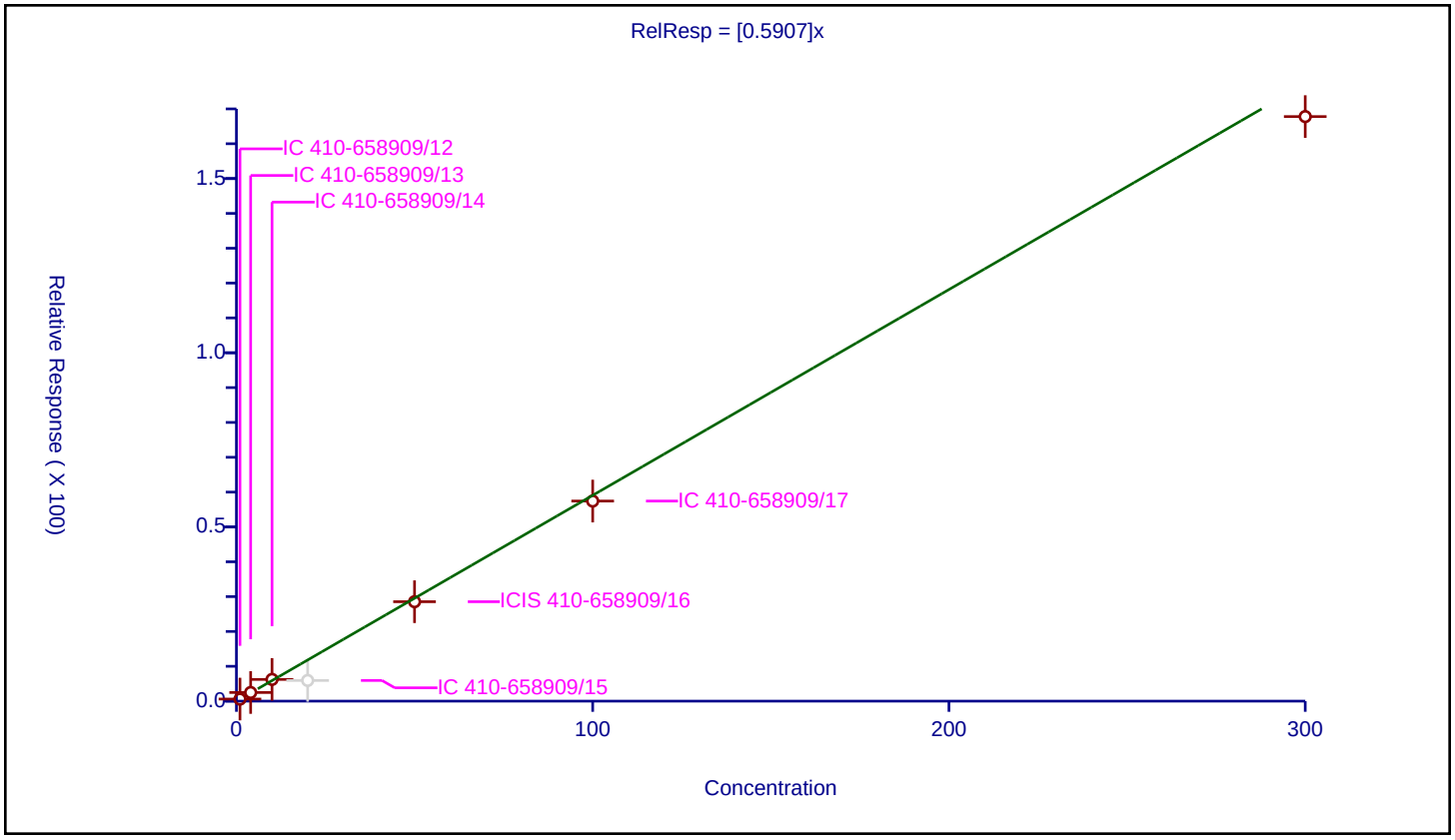
Curve Coefficients

Intercept:	0
Slope:	0.5907

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.596282	50.0	725244.0	0.596282	Y
2	IC 410-658909/13	4.0	2.479896	50.0	715272.0	0.619974	Y
3	IC 410-658909/14	10.0	6.235598	50.0	733851.0	0.62356	Y
4	IC 410-658909/15	20.0	5.935632	50.0	1590294.0	0.296782	N
5	ICIS 410-658909/16	50.0	28.542594	50.0	759754.0	0.570852	Y
6	IC 410-658909/17	100.0	57.435254	50.0	818042.0	0.574353	Y
7	IC 410-658909/18	300.0	167.791246	50.0	894038.0	0.559304	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

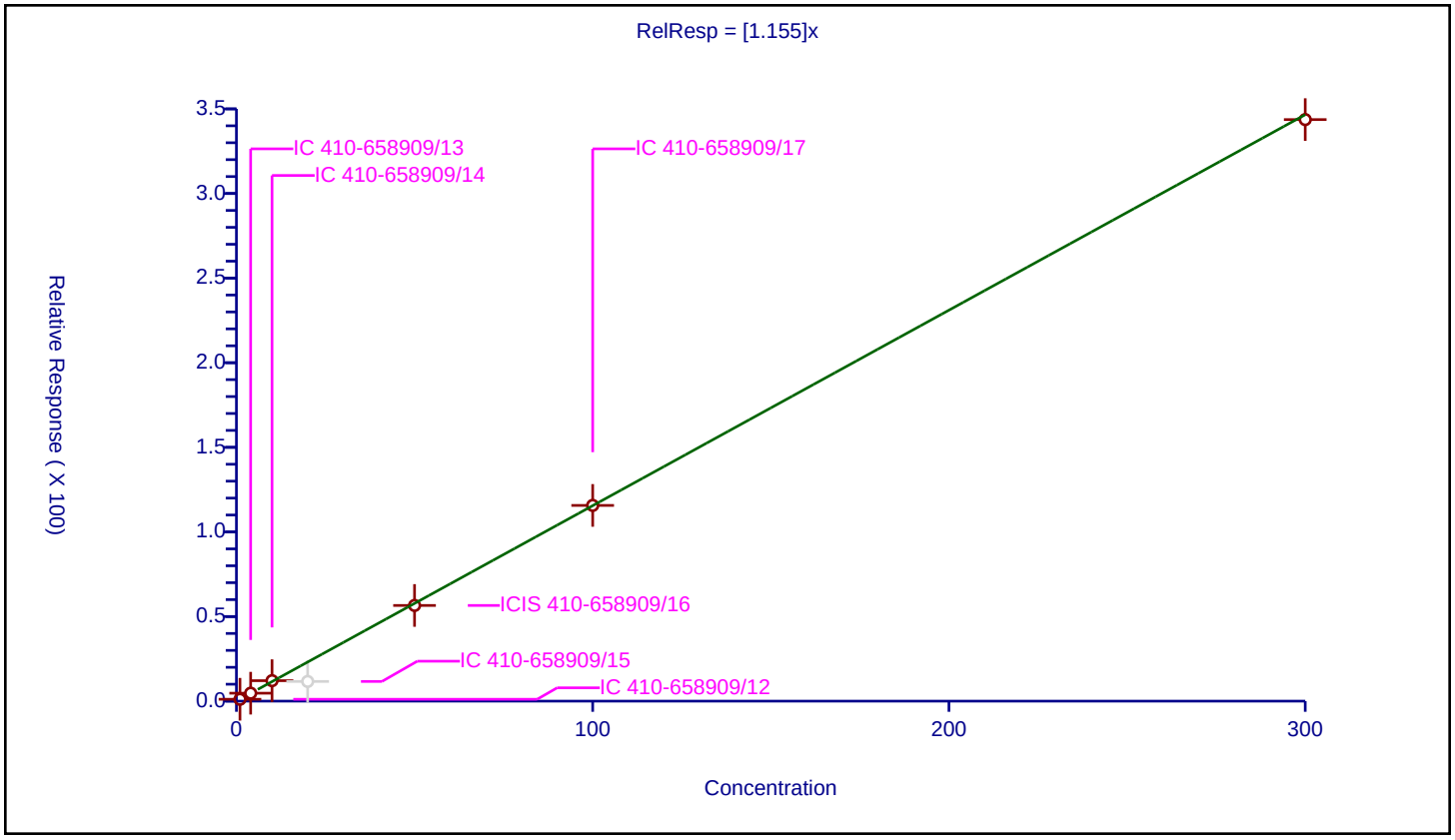
Curve Coefficients

Intercept:	0
Slope:	1.155

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.113074	50.0	725244.0	1.113074	Y
2	IC 410-658909/13	4.0	4.701428	50.0	715272.0	1.175357	Y
3	IC 410-658909/14	10.0	12.099391	50.0	733851.0	1.209939	Y
4	IC 410-658909/15	20.0	11.645457	50.0	1590294.0	0.582273	N
5	ICIS 410-658909/16	50.0	56.545408	50.0	759754.0	1.130908	Y
6	IC 410-658909/17	100.0	115.659098	50.0	818042.0	1.156591	Y
7	IC 410-658909/18	300.0	343.666433	50.0	894038.0	1.145555	Y



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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

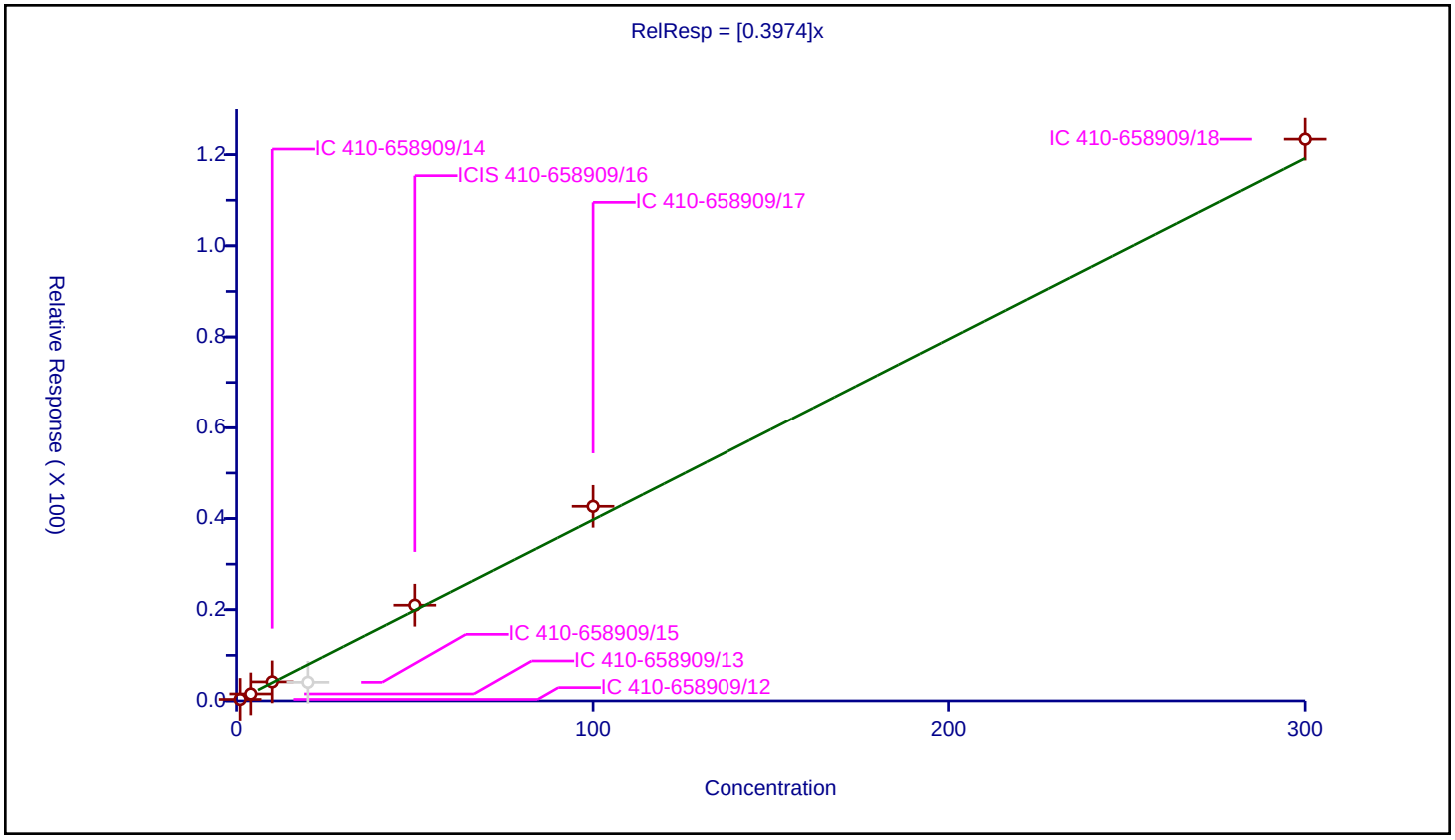
Curve Coefficients

Intercept:	0
Slope:	0.3974

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.326442	50.0	725244.0	0.326442	Y
2	IC 410-658909/13	4.0	1.528579	50.0	715272.0	0.382145	Y
3	IC 410-658909/14	10.0	4.177278	50.0	733851.0	0.417728	Y
4	IC 410-658909/15	20.0	4.086068	50.0	1590294.0	0.204303	N
5	ICIS 410-658909/16	50.0	20.993177	50.0	759754.0	0.419864	Y
6	IC 410-658909/17	100.0	42.684789	50.0	818042.0	0.426848	Y
7	IC 410-658909/18	300.0	123.404095	50.0	894038.0	0.411347	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

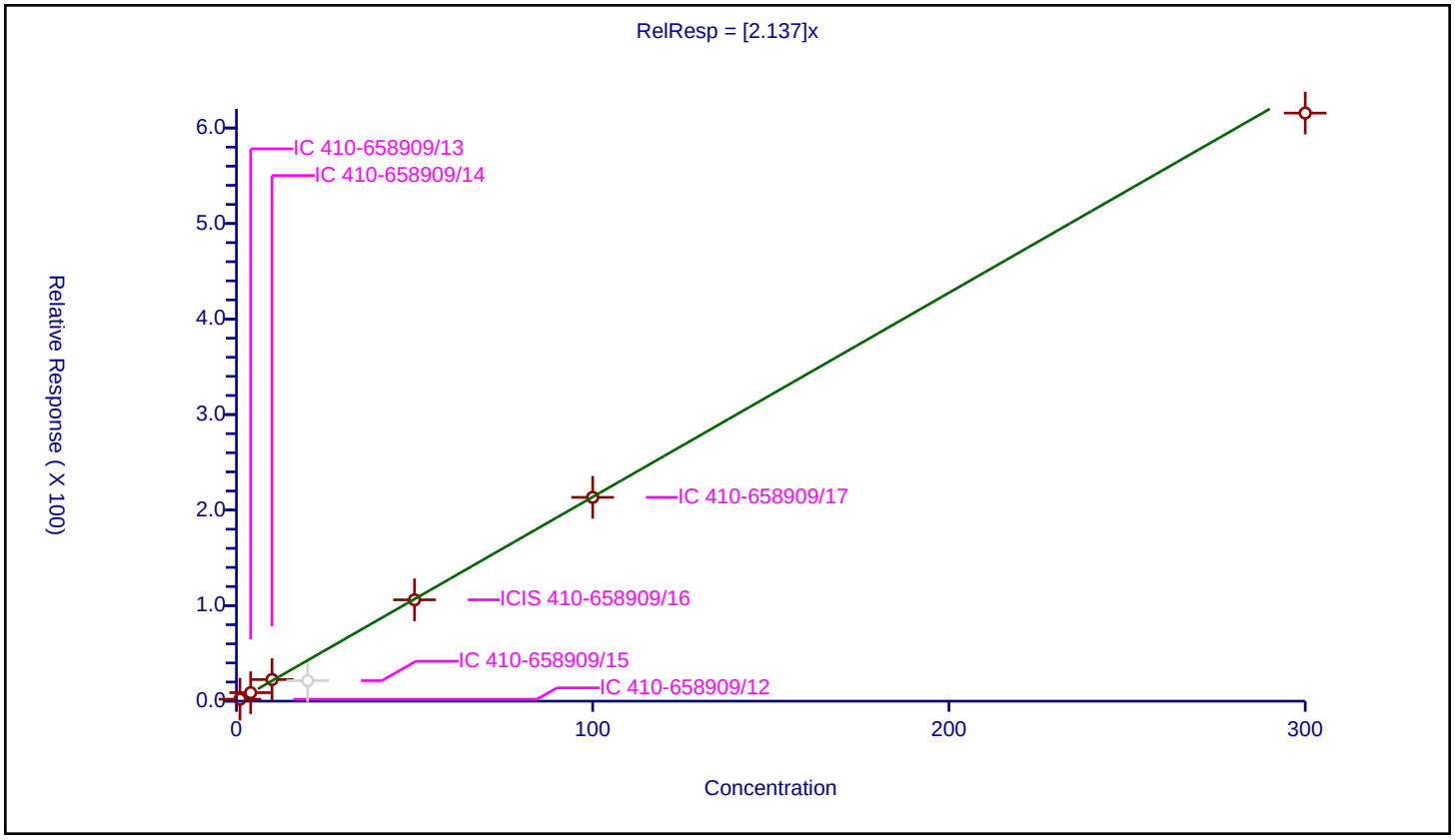
Curve Coefficients

Intercept:	0
Slope:	2.137

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	2.036004	50.0	725244.0	2.036004	Y
2	IC 410-658909/13	4.0	8.891792	50.0	715272.0	2.222948	Y
3	IC 410-658909/14	10.0	22.588032	50.0	733851.0	2.258803	Y
4	IC 410-658909/15	20.0	21.455247	50.0	1590294.0	1.072762	N
5	ICIS 410-658909/16	50.0	106.067622	50.0	759754.0	2.121352	Y
6	IC 410-658909/17	100.0	213.352065	50.0	818042.0	2.133521	Y
7	IC 410-658909/18	300.0	615.630264	50.0	894038.0	2.052101	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

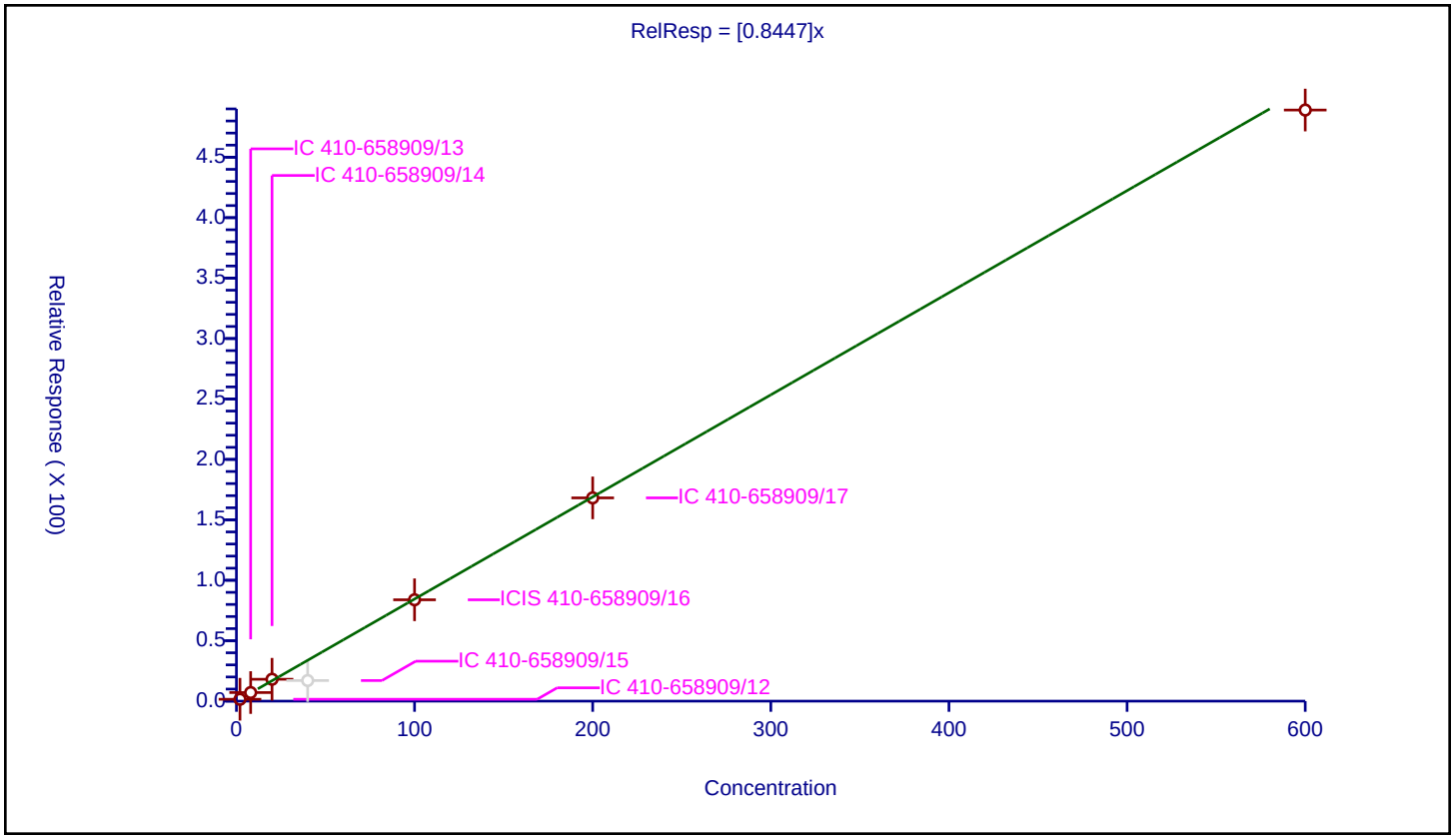
Curve Coefficients

Intercept:	0
Slope:	0.8447

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.0	1.560647	50.0	725244.0	0.780324	Y
2	IC 410-658909/13	8.0	7.105339	50.0	715272.0	0.888167	Y
3	IC 410-658909/14	20.0	18.108104	50.0	733851.0	0.905405	Y
4	IC 410-658909/15	40.0	17.054174	50.0	1590294.0	0.426354	N
5	ICIS 410-658909/16	100.0	83.850957	50.0	759754.0	0.83851	Y
6	IC 410-658909/17	200.0	168.159459	50.0	818042.0	0.840797	Y
7	IC 410-658909/18	600.0	489.045208	50.0	894038.0	0.815075	Y



Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

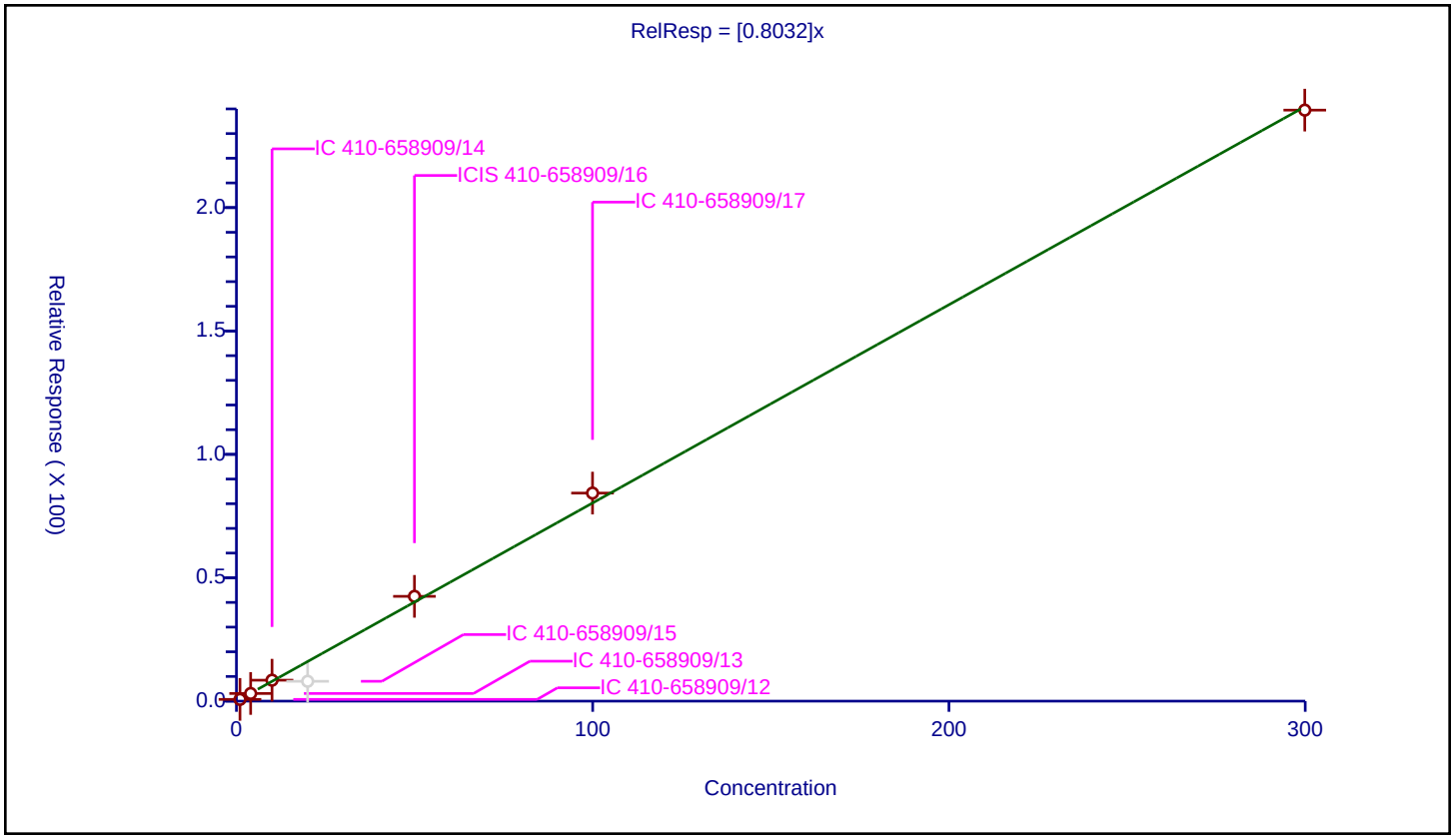
Curve Coefficients

Intercept:	0
Slope:	0.8032

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	0.999582	0.703143	50.0	725244.0	0.703436	Y
2	IC 410-658909/13	3.99833	3.098751	50.0	715272.0	0.775011	Y
3	IC 410-658909/14	9.995824	8.485237	50.0	733851.0	0.848878	Y
4	IC 410-658909/15	19.991648	8.045242	50.0	1590294.0	0.40243	N
5	ICIS 410-658909/16	49.97912	42.468681	50.0	759754.0	0.849728	Y
6	IC 410-658909/17	99.95824	84.310586	50.0	818042.0	0.843458	Y
7	IC 410-658909/18	299.87472	239.499887	50.0	894038.0	0.798666	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

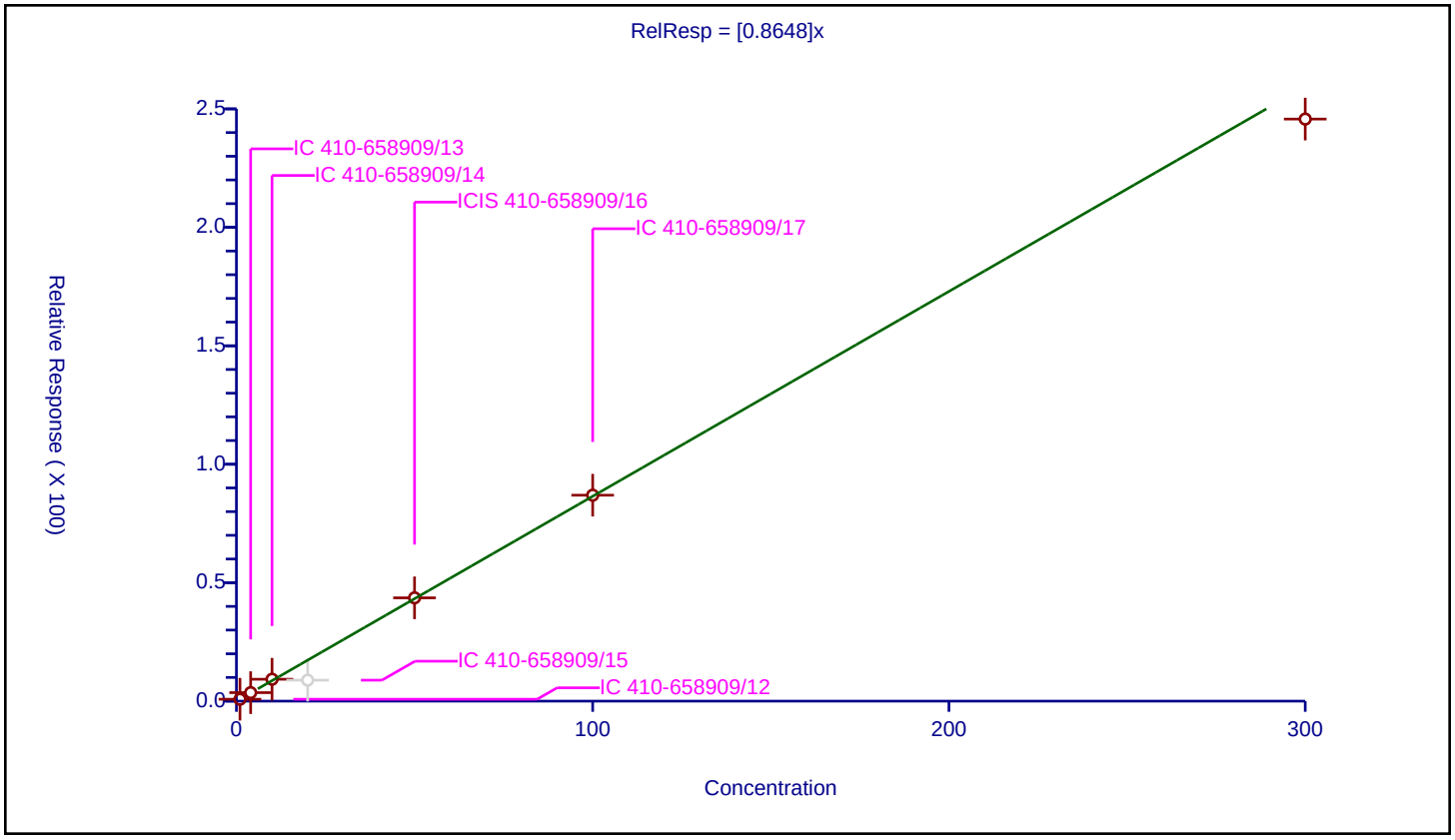
Curve Coefficients

Intercept:	0
Slope:	0.8648

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.80497	50.0	725244.0	0.80497	Y
2	IC 410-658909/13	4.0	3.595765	50.0	715272.0	0.898941	Y
3	IC 410-658909/14	10.0	9.242203	50.0	733851.0	0.92422	Y
4	IC 410-658909/15	20.0	8.853803	50.0	1590294.0	0.44269	N
5	ICIS 410-658909/16	50.0	43.604838	50.0	759754.0	0.872097	Y
6	IC 410-658909/17	100.0	86.934167	50.0	818042.0	0.869342	Y
7	IC 410-658909/18	300.0	245.710026	50.0	894038.0	0.819033	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

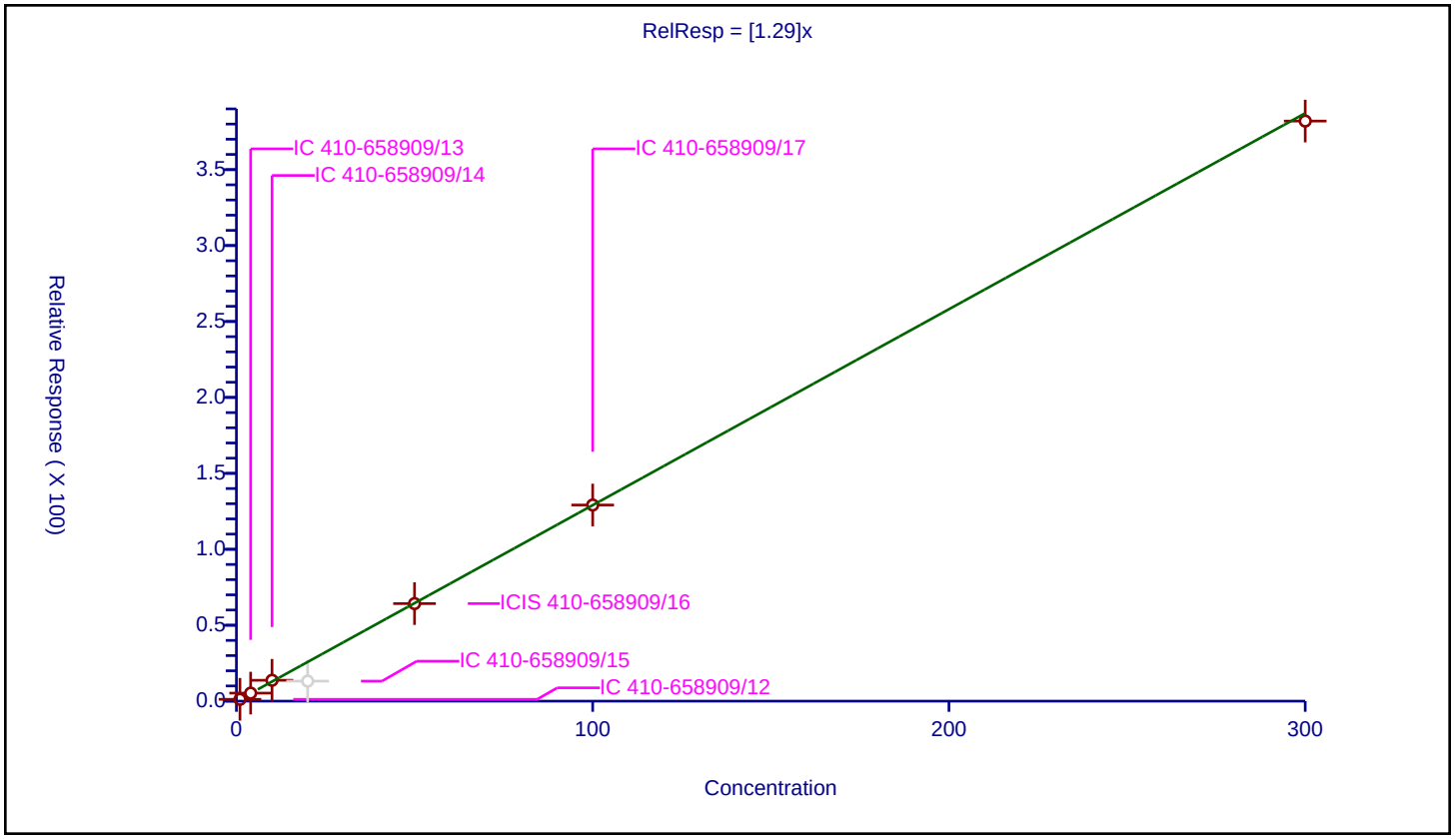
Curve Coefficients

Intercept:	0
Slope:	1.29

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.197873	50.0	725244.0	1.197873	Y
2	IC 410-658909/13	4.0	5.284633	50.0	715272.0	1.321158	Y
3	IC 410-658909/14	10.0	13.742027	50.0	733851.0	1.374203	Y
4	IC 410-658909/15	20.0	13.185455	50.0	1590294.0	0.659273	N
5	ICIS 410-658909/16	50.0	64.237898	50.0	759754.0	1.284758	Y
6	IC 410-658909/17	100.0	129.138602	50.0	818042.0	1.291386	Y
7	IC 410-658909/18	300.0	381.987511	50.0	894038.0	1.273292	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

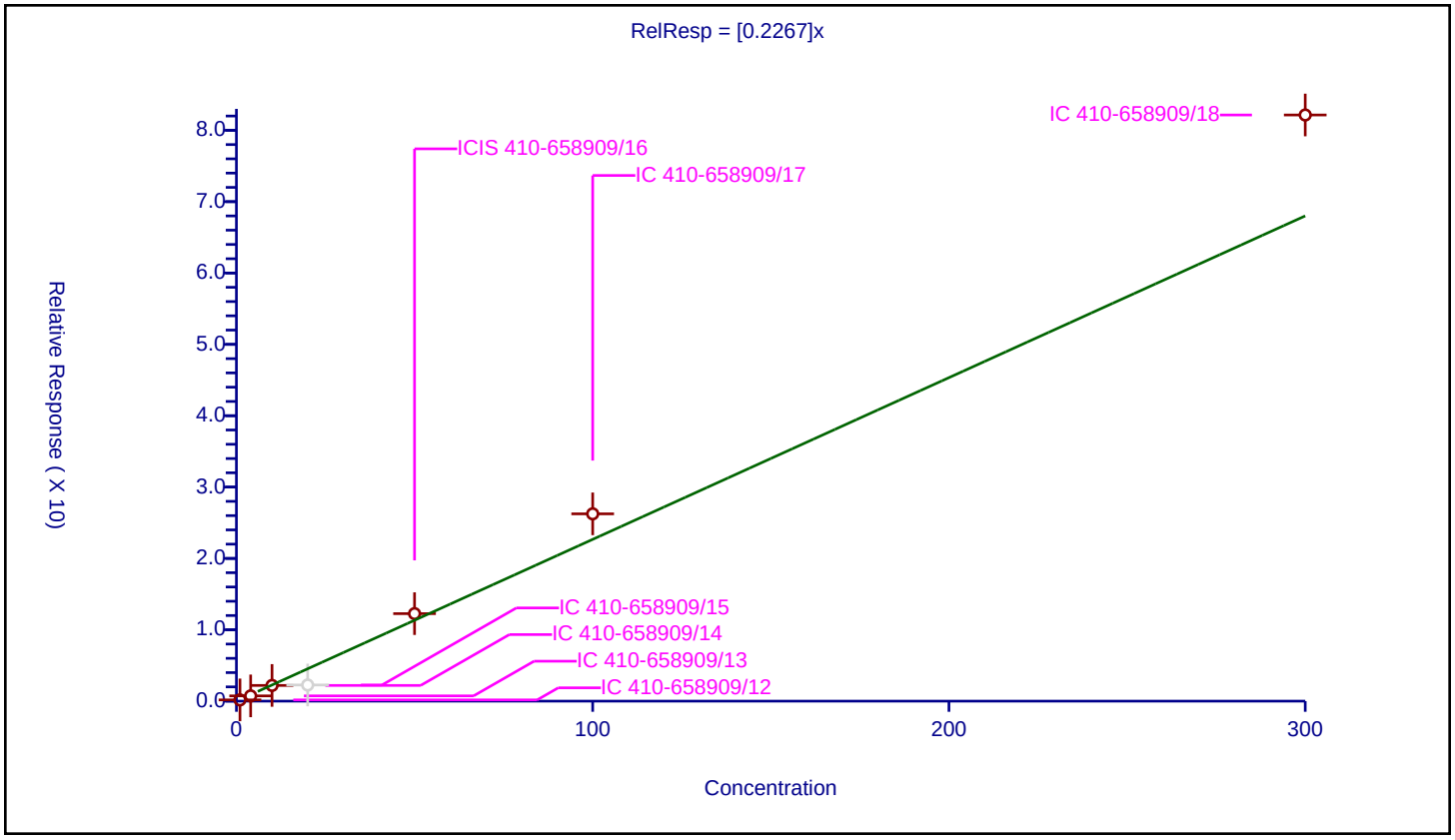
Curve Coefficients

Intercept:	0
Slope:	0.2267

Error Coefficients

Relative Standard Deviation:	18.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.173873	50.0	725244.0	0.173873	Y
2	IC 410-658909/13	4.0	0.738111	50.0	715272.0	0.184528	Y
3	IC 410-658909/14	10.0	2.20106	50.0	733851.0	0.220106	Y
4	IC 410-658909/15	20.0	2.262663	50.0	1590294.0	0.113133	N
5	ICIS 410-658909/16	50.0	12.262785	50.0	759754.0	0.245256	Y
6	IC 410-658909/17	100.0	26.250058	50.0	818042.0	0.262501	Y
7	IC 410-658909/18	300.0	82.146452	50.0	894038.0	0.273822	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

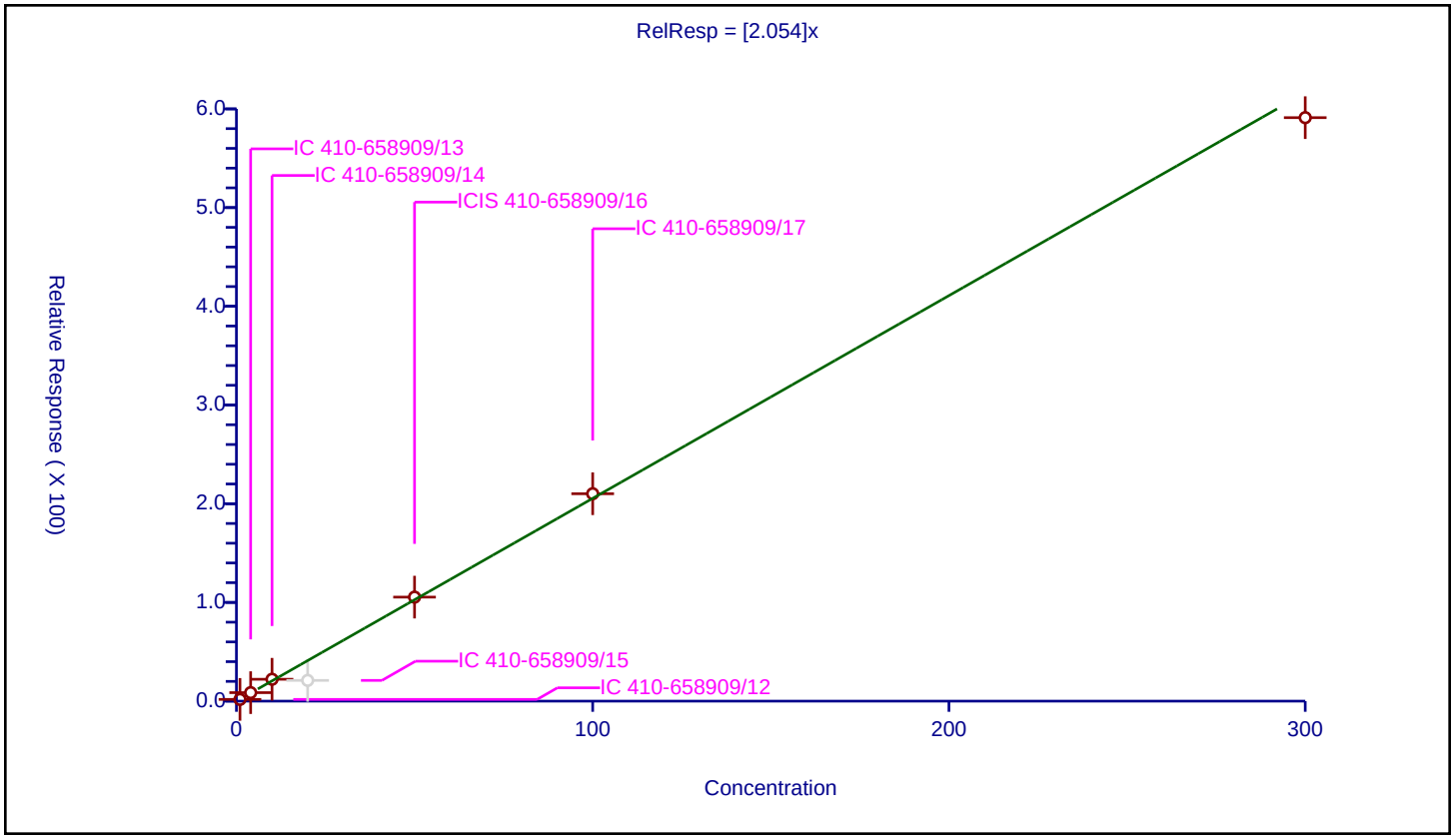
Curve Coefficients

Intercept:	0
Slope:	2.054

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.770783	50.0	725244.0	1.770783	Y
2	IC 410-658909/13	4.0	8.632171	50.0	715272.0	2.158043	Y
3	IC 410-658909/14	10.0	22.165058	50.0	733851.0	2.216506	Y
4	IC 410-658909/15	20.0	21.00948	50.0	1590294.0	1.050474	N
5	ICIS 410-658909/16	50.0	105.393325	50.0	759754.0	2.107866	Y
6	IC 410-658909/17	100.0	210.126681	50.0	818042.0	2.101267	Y
7	IC 410-658909/18	300.0	591.119841	50.0	894038.0	1.970399	Y



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Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

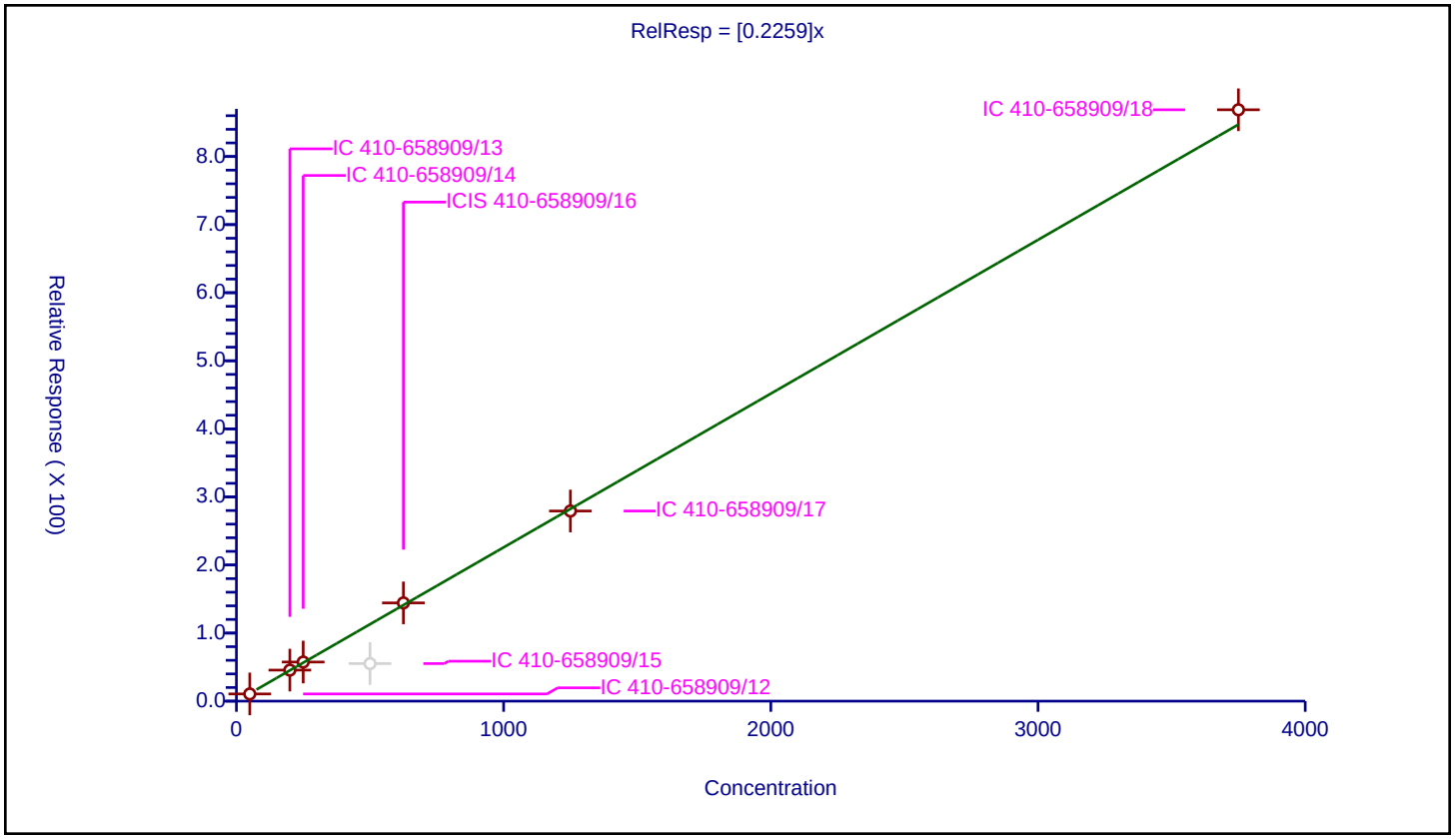
Curve Coefficients

Intercept:	0
Slope:	0.2259

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	50.000933	10.574652	250.0	387365.0	0.211489	Y
2	IC 410-658909/13	200.003731	45.581092	250.0	388467.0	0.227901	Y
3	IC 410-658909/14	250.004664	57.473218	250.0	379542.0	0.229889	Y
4	IC 410-658909/15	500.009328	55.179835	250.0	915425.0	0.110358	N
5	ICIS 410-658909/16	625.01166	144.310012	250.0	423841.0	0.230892	Y
6	IC 410-658909/17	1250.02332	279.301286	250.0	425553.0	0.223437	Y
7	IC 410-658909/18	3750.06996	868.704044	250.0	433433.0	0.23165	Y



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Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

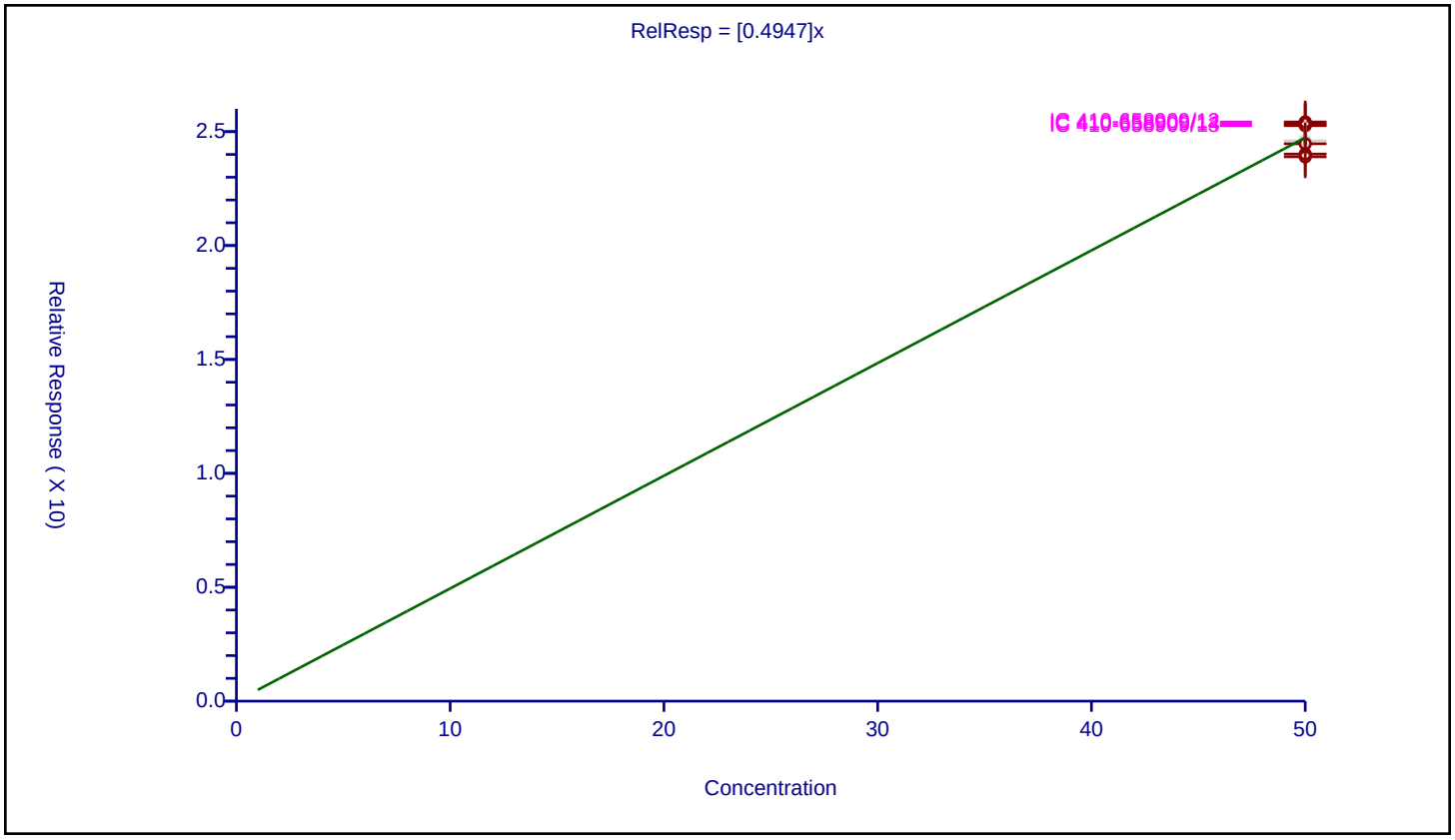
Curve Coefficients

Intercept:	0
Slope:	0.4947

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	50.0	25.425374	50.0	725244.0	0.508507	Y
2	IC 410-658909/13	50.0	25.263886	50.0	715272.0	0.505278	Y
3	IC 410-658909/14	50.0	25.328302	50.0	733851.0	0.506566	Y
4	IC 410-658909/15	50.0	24.596395	50.0	1590294.0	0.491928	N
5	ICIS 410-658909/16	50.0	24.46792	50.0	759754.0	0.489358	Y
6	IC 410-658909/17	50.0	23.895961	50.0	818042.0	0.477919	Y
7	IC 410-658909/18	50.0	24.017659	50.0	894038.0	0.480353	Y



Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

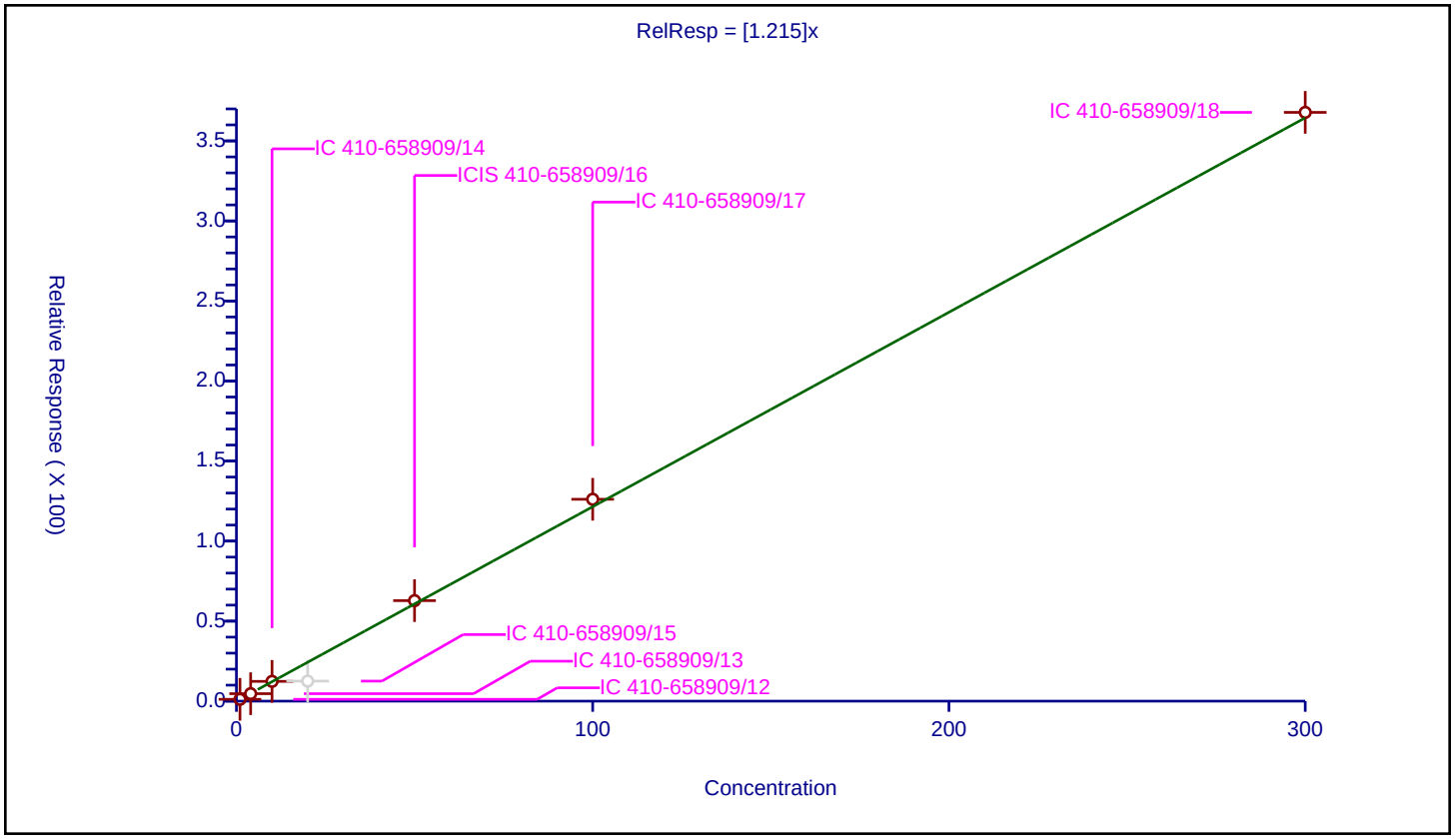
Curve Coefficients

Intercept:	0
Slope:	1.215

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.144634	50.0	419348.0	1.144634	Y
2	IC 410-658909/13	4.0	4.664715	50.0	406445.0	1.166179	Y
3	IC 410-658909/14	10.0	12.346581	50.0	417646.0	1.234658	Y
4	IC 410-658909/15	20.0	12.526088	50.0	855291.0	0.626304	N
5	ICIS 410-658909/16	50.0	62.788002	50.0	402819.0	1.25576	Y
6	IC 410-658909/17	100.0	126.122108	50.0	420102.0	1.261221	Y
7	IC 410-658909/18	300.0	367.813336	50.0	448560.0	1.226044	Y



Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

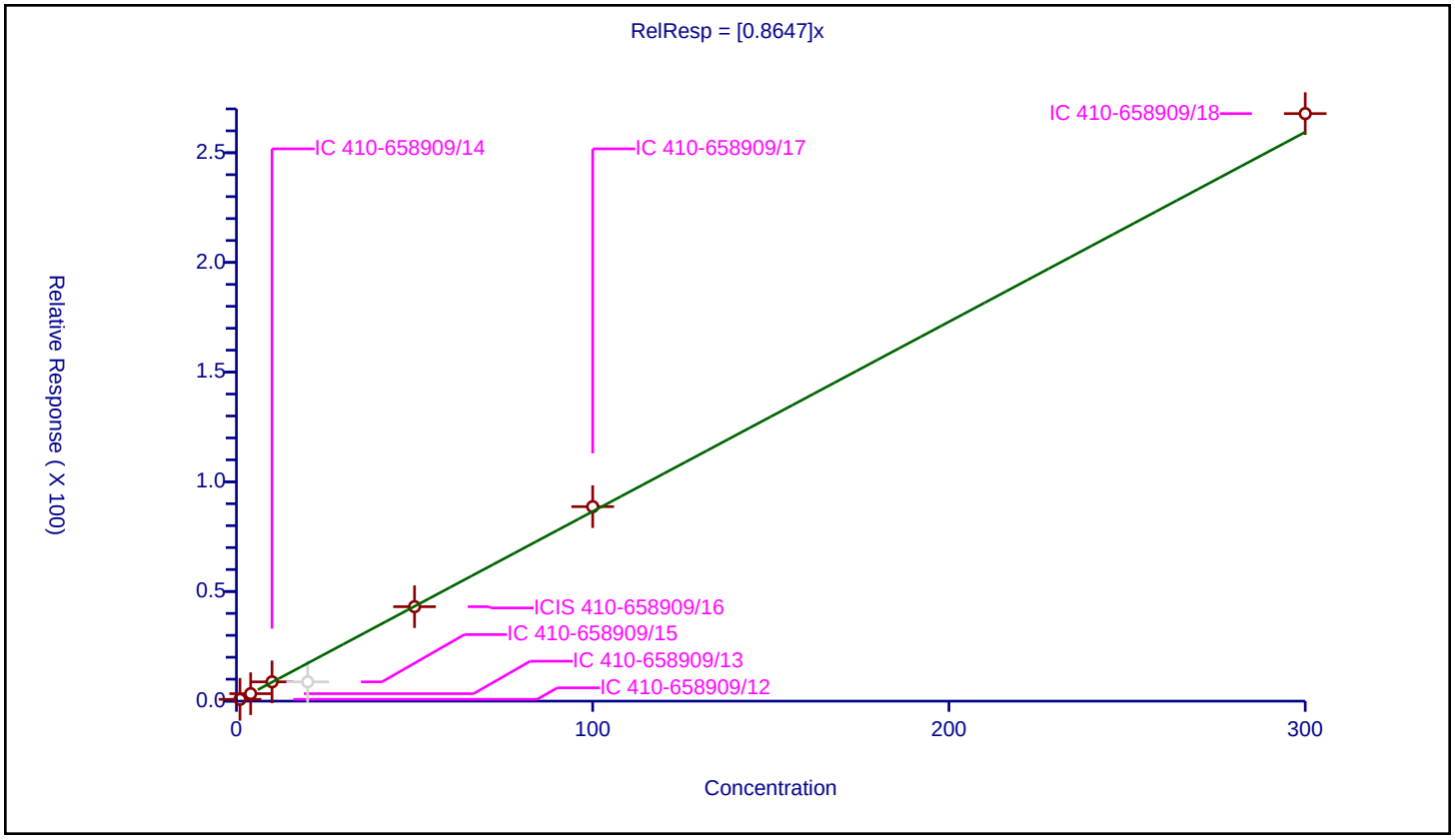
Curve Coefficients

Intercept:	0
Slope:	0.8647

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.814836	50.0	419348.0	0.814836	Y
2	IC 410-658909/13	4.0	3.411163	50.0	406445.0	0.852791	Y
3	IC 410-658909/14	10.0	8.800515	50.0	417646.0	0.880052	Y
4	IC 410-658909/15	20.0	8.790926	50.0	855291.0	0.439546	N
5	ICIS 410-658909/16	50.0	43.06351	50.0	402819.0	0.86127	Y
6	IC 410-658909/17	100.0	88.662872	50.0	420102.0	0.886629	Y
7	IC 410-658909/18	300.0	267.850455	50.0	448560.0	0.892835	Y



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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

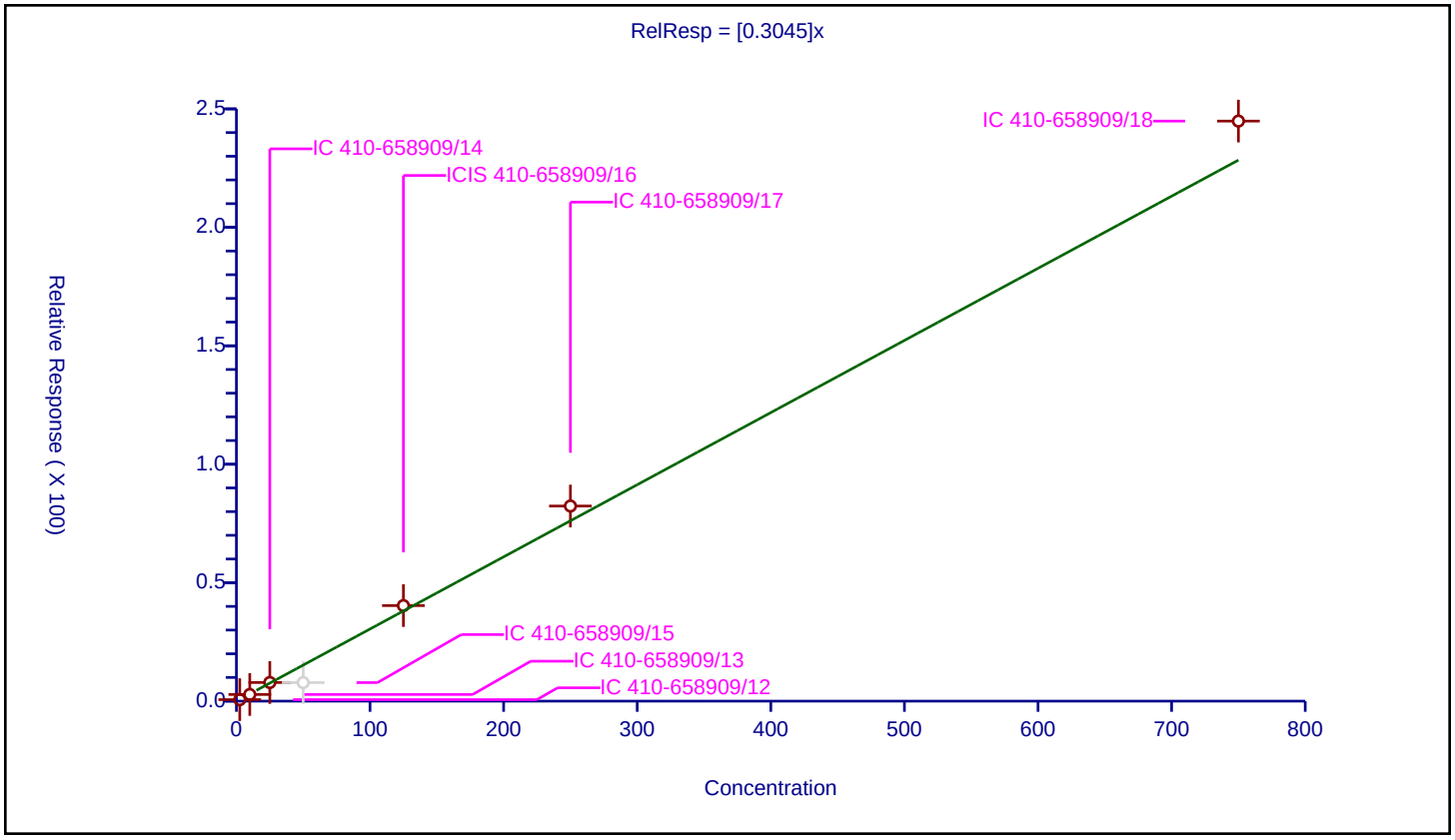
Curve Coefficients

Intercept:	0
Slope:	0.3045

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	2.5	0.634914	50.0	419348.0	0.253966	Y
2	IC 410-658909/13	10.0	2.800256	50.0	406445.0	0.280026	Y
3	IC 410-658909/14	25.0	7.862879	50.0	417646.0	0.314515	Y
4	IC 410-658909/15	50.0	7.829441	50.0	855291.0	0.156589	N
5	ICIS 410-658909/16	125.0	40.32779	50.0	402819.0	0.322622	Y
6	IC 410-658909/17	250.0	82.35857	50.0	420102.0	0.329434	Y
7	IC 410-658909/18	750.0	244.84584	50.0	448560.0	0.326461	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

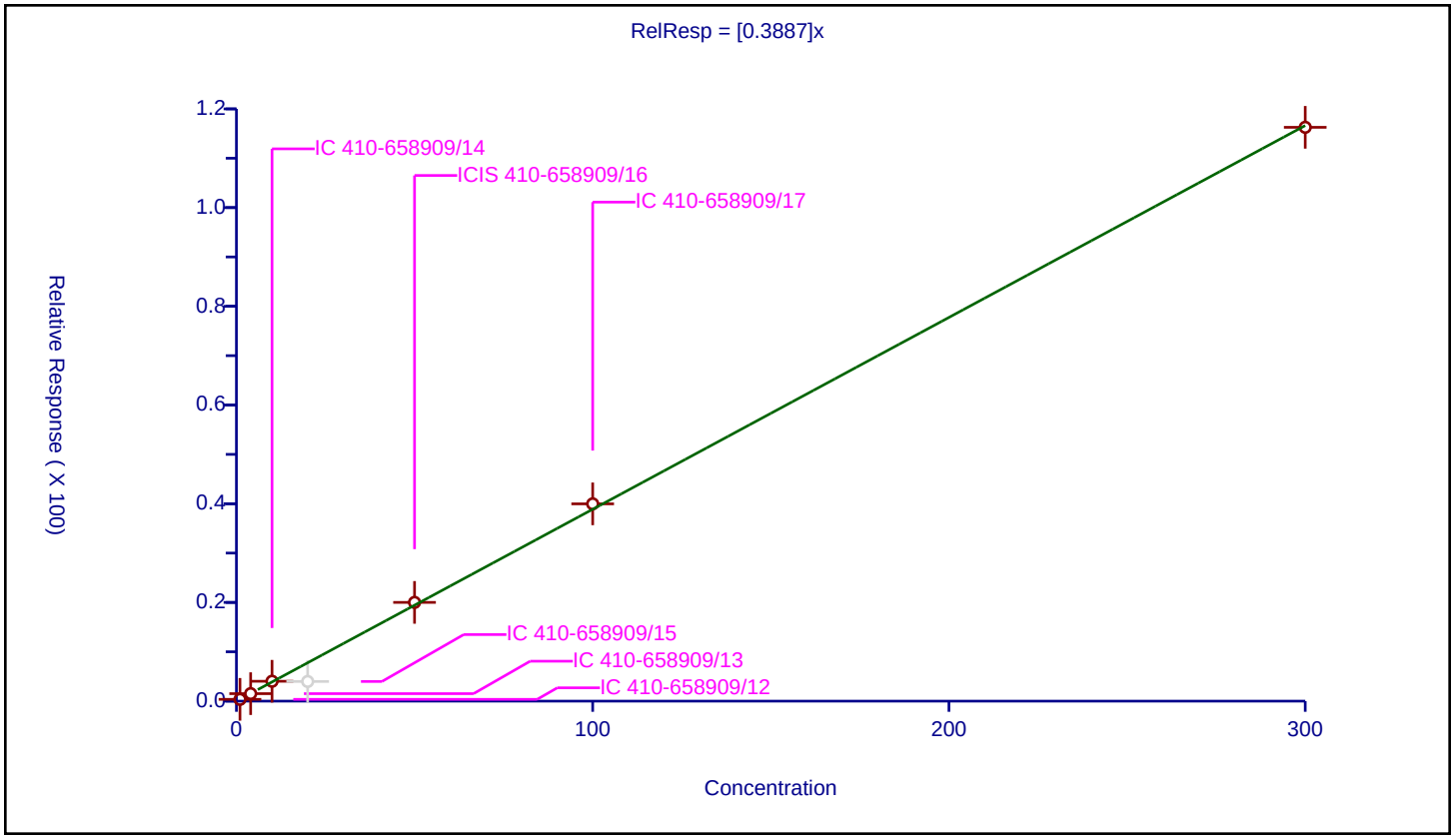
Curve Coefficients

Intercept:	0
Slope:	0.3887

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.36211	50.0	419348.0	0.36211	Y
2	IC 410-658909/13	4.0	1.520378	50.0	406445.0	0.380094	Y
3	IC 410-658909/14	10.0	4.028052	50.0	417646.0	0.402805	Y
4	IC 410-658909/15	20.0	3.987181	50.0	855291.0	0.199359	N
5	ICIS 410-658909/16	50.0	20.00638	50.0	402819.0	0.400128	Y
6	IC 410-658909/17	100.0	39.974816	50.0	420102.0	0.399748	Y
7	IC 410-658909/18	300.0	116.267946	50.0	448560.0	0.38756	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

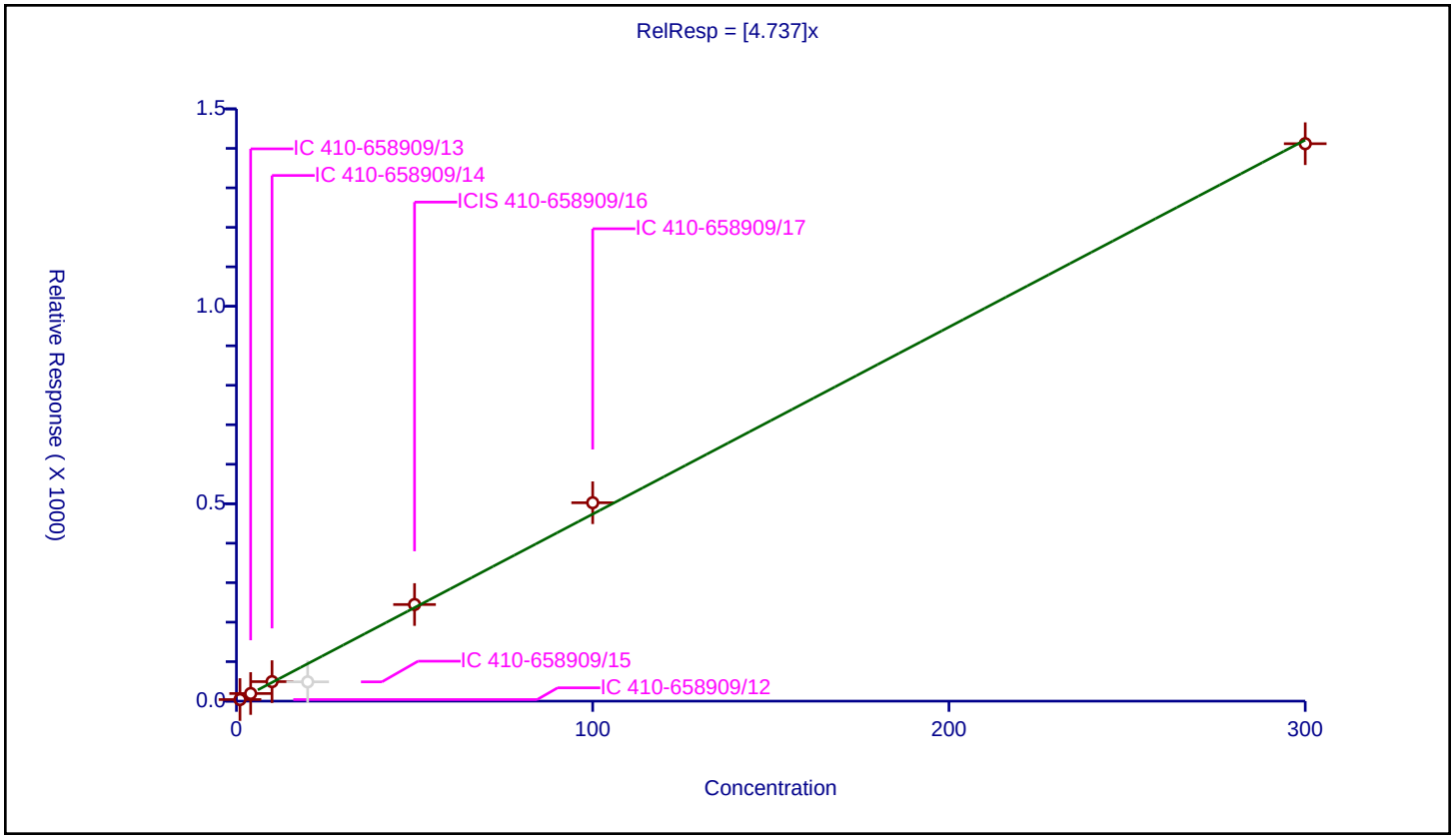
Curve Coefficients

Intercept:	0
Slope:	4.737

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	4.034477	50.0	419348.0	4.034477	Y
2	IC 410-658909/13	4.0	19.293262	50.0	406445.0	4.823316	Y
3	IC 410-658909/14	10.0	49.383928	50.0	417646.0	4.938393	Y
4	IC 410-658909/15	20.0	48.850684	50.0	855291.0	2.442534	N
5	ICIS 410-658909/16	50.0	244.717354	50.0	402819.0	4.894347	Y
6	IC 410-658909/17	100.0	502.521888	50.0	420102.0	5.025219	Y
7	IC 410-658909/18	300.0	1411.861958	50.0	448560.0	4.706207	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

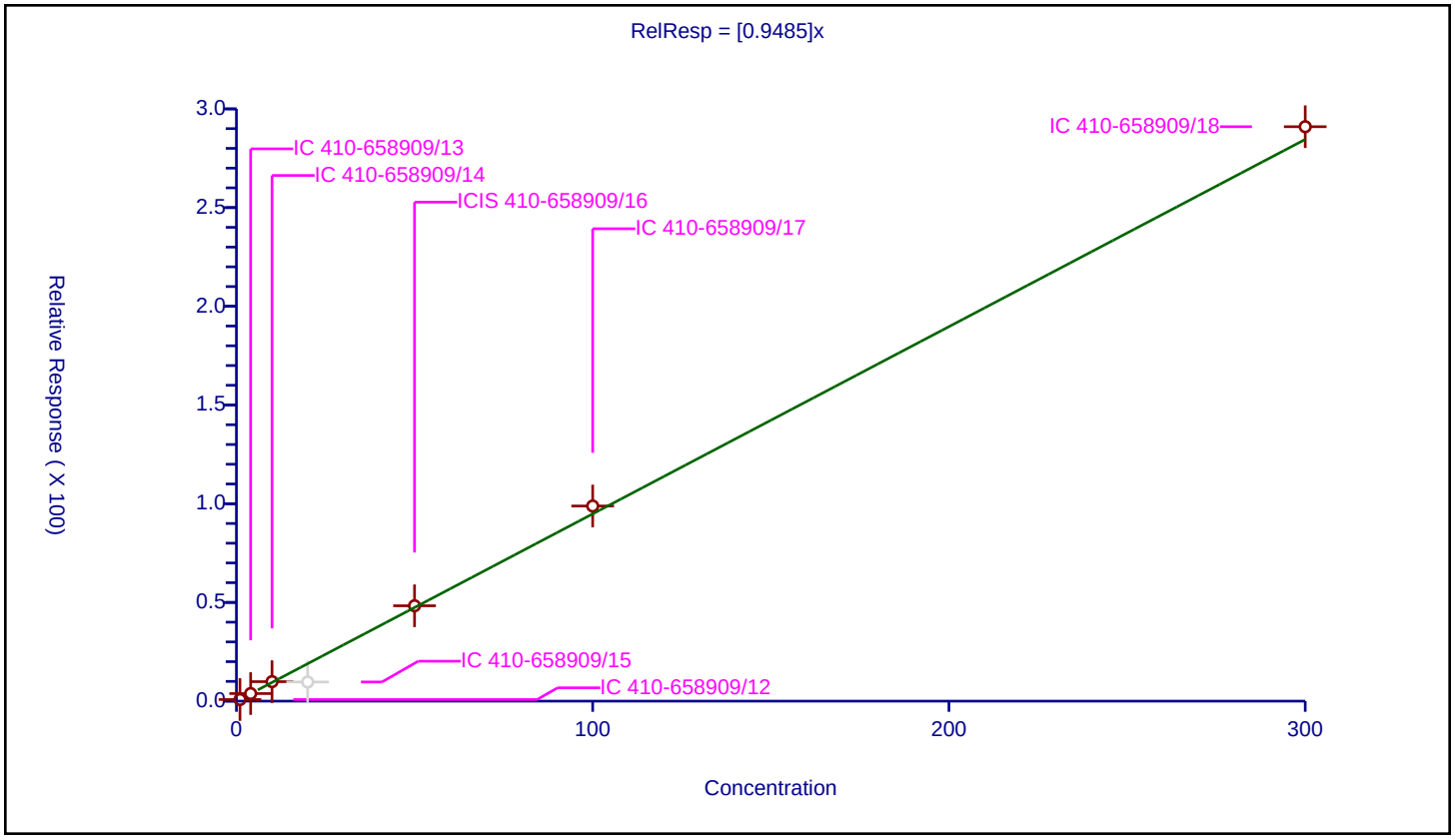
Curve Coefficients

Intercept:	0
Slope:	0.9485

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.819486	50.0	419348.0	0.819486	Y
2	IC 410-658909/13	4.0	3.839019	50.0	406445.0	0.959755	Y
3	IC 410-658909/14	10.0	9.871518	50.0	417646.0	0.987152	Y
4	IC 410-658909/15	20.0	9.705001	50.0	855291.0	0.48525	N
5	ICIS 410-658909/16	50.0	48.307677	50.0	402819.0	0.966154	Y
6	IC 410-658909/17	100.0	98.83802	50.0	420102.0	0.98838	Y
7	IC 410-658909/18	300.0	290.97278	50.0	448560.0	0.969909	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

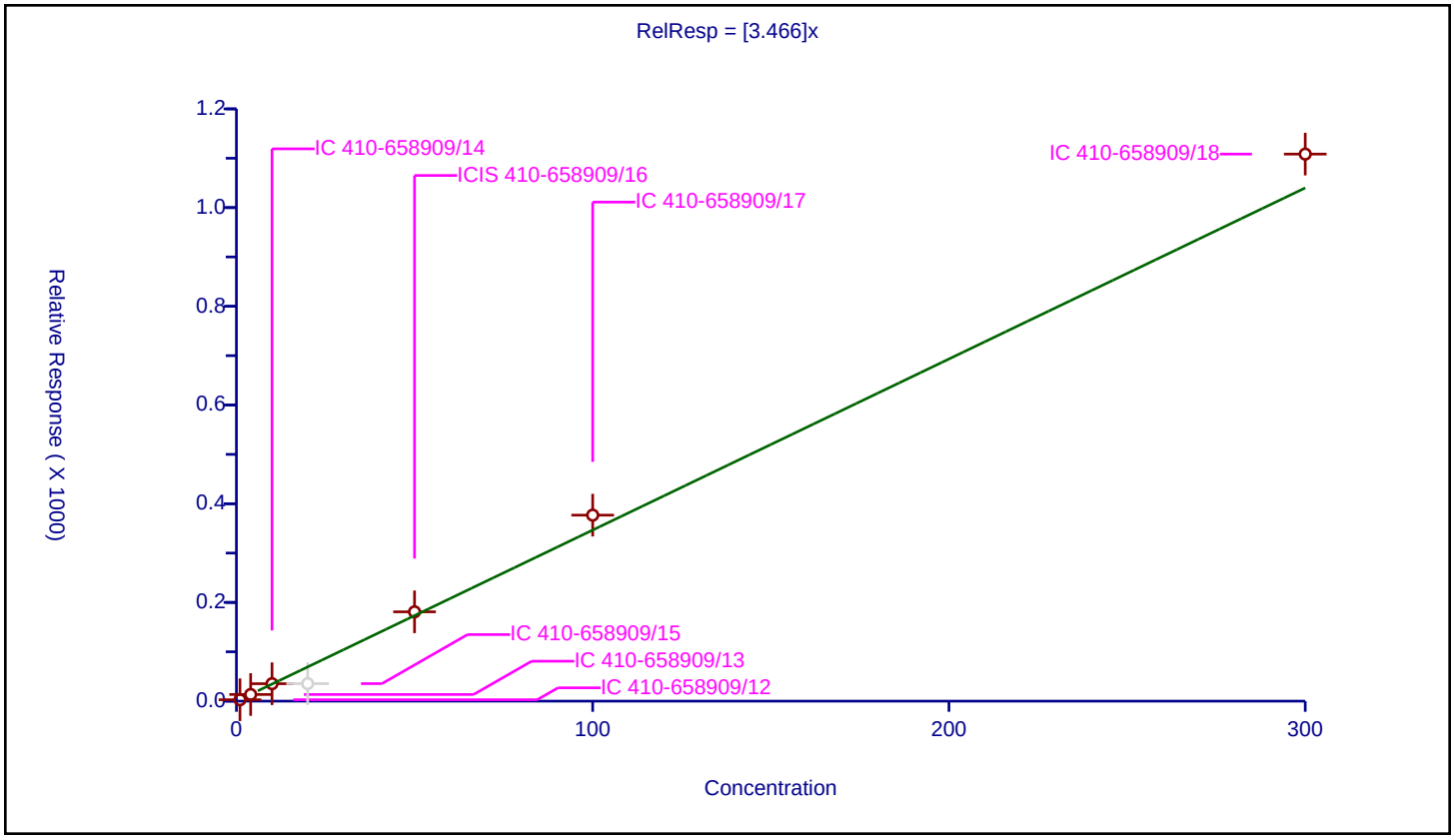
Curve Coefficients

Intercept:	0
Slope:	3.466

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	2.808288	50.0	419348.0	2.808288	Y
2	IC 410-658909/13	4.0	13.487803	50.0	406445.0	3.371951	Y
3	IC 410-658909/14	10.0	35.341294	50.0	417646.0	3.534129	Y
4	IC 410-658909/15	20.0	35.498386	50.0	855291.0	1.774919	N
5	ICIS 410-658909/16	50.0	180.985132	50.0	402819.0	3.619703	Y
6	IC 410-658909/17	100.0	376.858001	50.0	420102.0	3.76858	Y
7	IC 410-658909/18	300.0	1108.408128	50.0	448560.0	3.694694	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

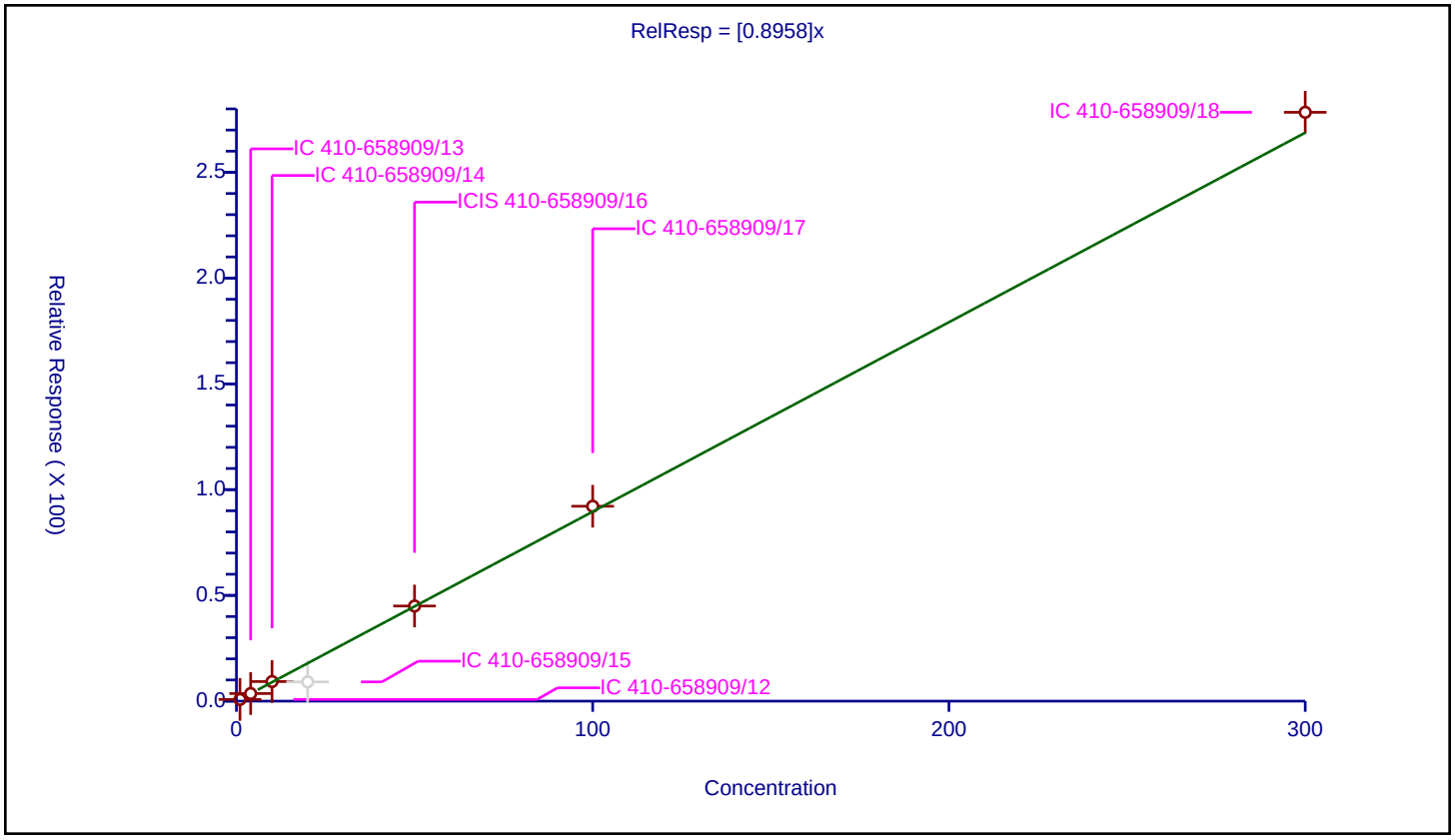
Curve Coefficients

Intercept:	0
Slope:	0.8958

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.802913	50.0	419348.0	0.802913	Y
2	IC 410-658909/13	4.0	3.590154	50.0	406445.0	0.897538	Y
3	IC 410-658909/14	10.0	9.255326	50.0	417646.0	0.925533	Y
4	IC 410-658909/15	20.0	9.097313	50.0	855291.0	0.454866	N
5	ICIS 410-658909/16	50.0	44.971315	50.0	402819.0	0.899426	Y
6	IC 410-658909/17	100.0	92.137148	50.0	420102.0	0.921371	Y
7	IC 410-658909/18	300.0	278.390182	50.0	448560.0	0.927967	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

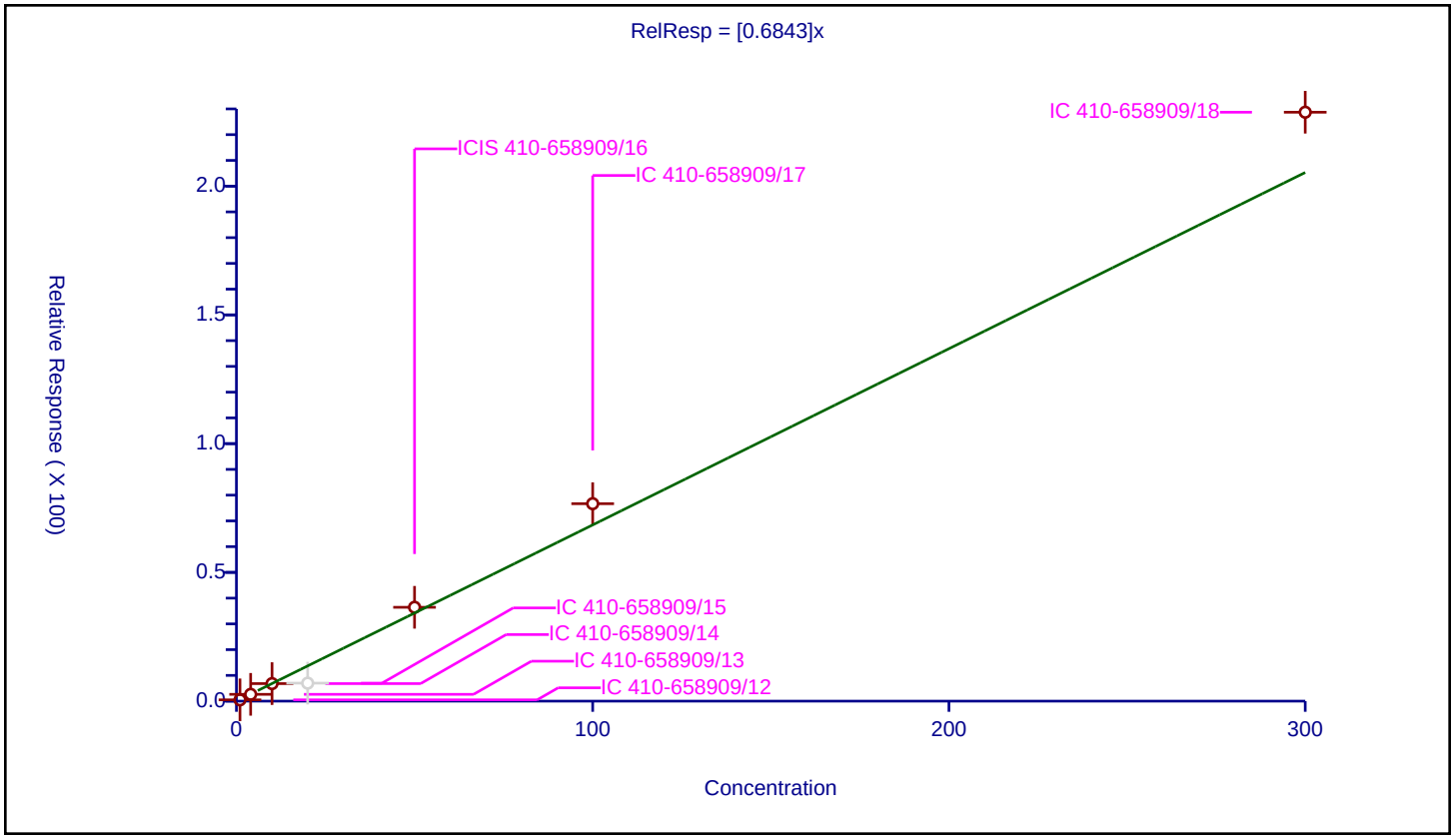
Curve Coefficients

Intercept:	0
Slope:	0.6843

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.506024	50.0	419348.0	0.506024	Y
2	IC 410-658909/13	4.0	2.6439	50.0	406445.0	0.660975	Y
3	IC 410-658909/14	10.0	6.809116	50.0	417646.0	0.680912	Y
4	IC 410-658909/15	20.0	6.98201	50.0	855291.0	0.3491	N
5	ICIS 410-658909/16	50.0	36.44987	50.0	402819.0	0.728997	Y
6	IC 410-658909/17	100.0	76.678402	50.0	420102.0	0.766784	Y
7	IC 410-658909/18	300.0	228.706862	50.0	448560.0	0.762356	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

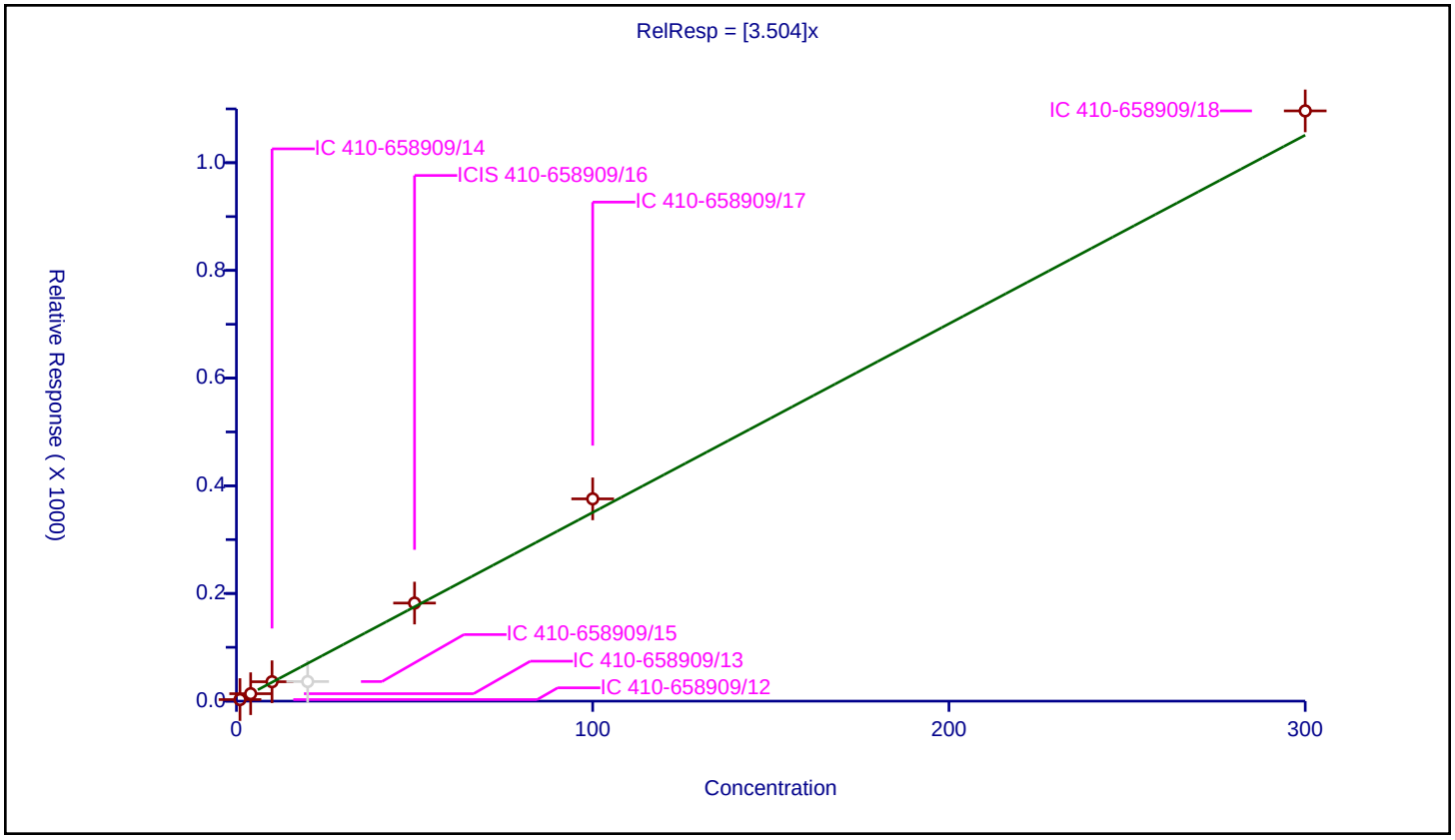
Curve Coefficients

Intercept:	0
Slope:	3.504

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	2.913928	50.0	419348.0	2.913928	Y
2	IC 410-658909/13	4.0	13.813308	50.0	406445.0	3.453327	Y
3	IC 410-658909/14	10.0	36.042845	50.0	417646.0	3.604284	Y
4	IC 410-658909/15	20.0	36.398664	50.0	855291.0	1.819933	N
5	ICIS 410-658909/16	50.0	182.168666	50.0	402819.0	3.643373	Y
6	IC 410-658909/17	100.0	375.672575	50.0	420102.0	3.756726	Y
7	IC 410-658909/18	300.0	1096.274523	50.0	448560.0	3.654248	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

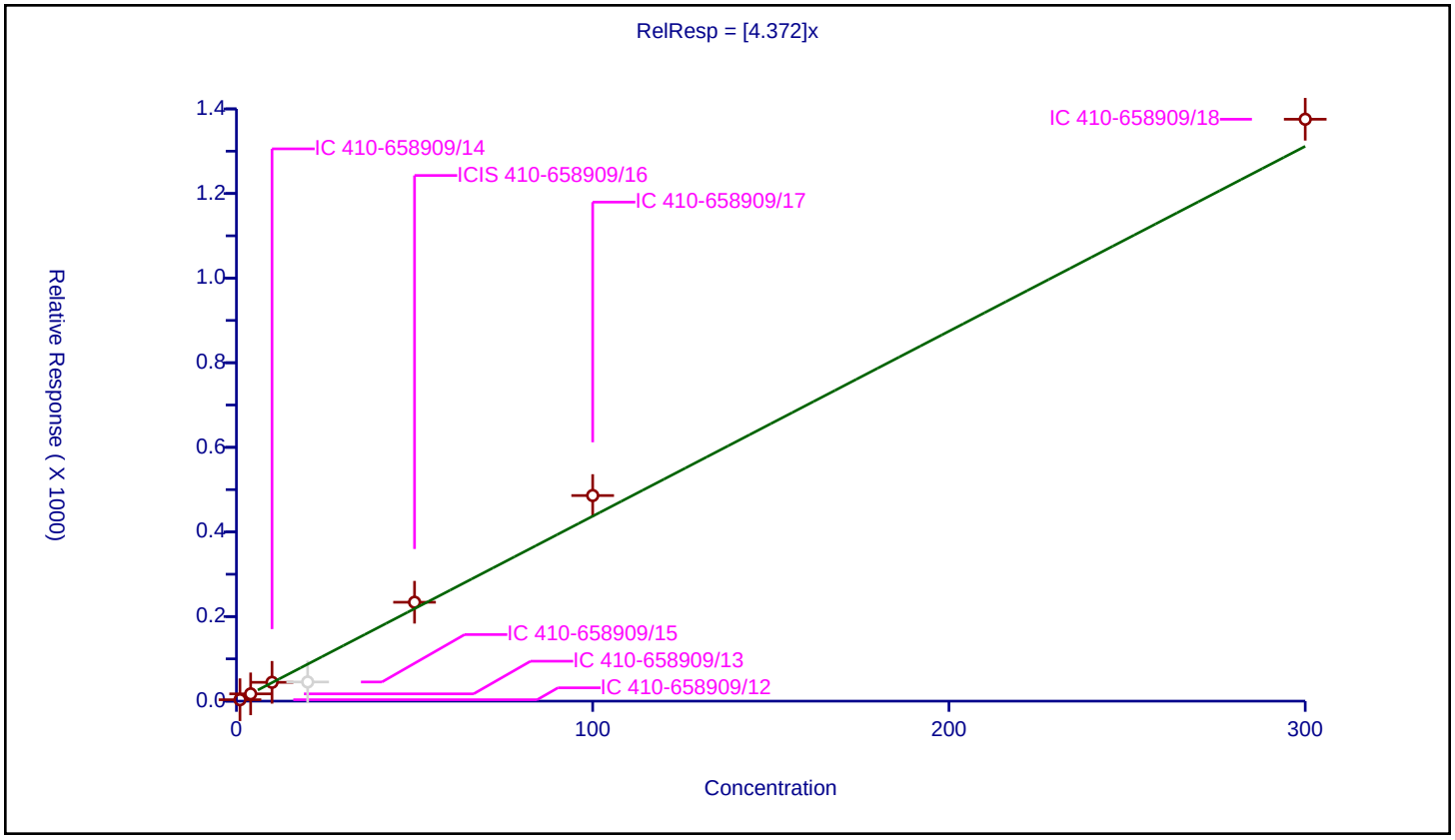
Curve Coefficients

Intercept:	0
Slope:	4.372

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	3.355447	50.0	419348.0	3.355447	Y
2	IC 410-658909/13	4.0	17.227792	50.0	406445.0	4.306948	Y
3	IC 410-658909/14	10.0	44.471873	50.0	417646.0	4.447187	Y
4	IC 410-658909/15	20.0	45.320014	50.0	855291.0	2.266001	N
5	ICIS 410-658909/16	50.0	233.82971	50.0	402819.0	4.676594	Y
6	IC 410-658909/17	100.0	486.028036	50.0	420102.0	4.86028	Y
7	IC 410-658909/18	300.0	1375.506175	50.0	448560.0	4.585021	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

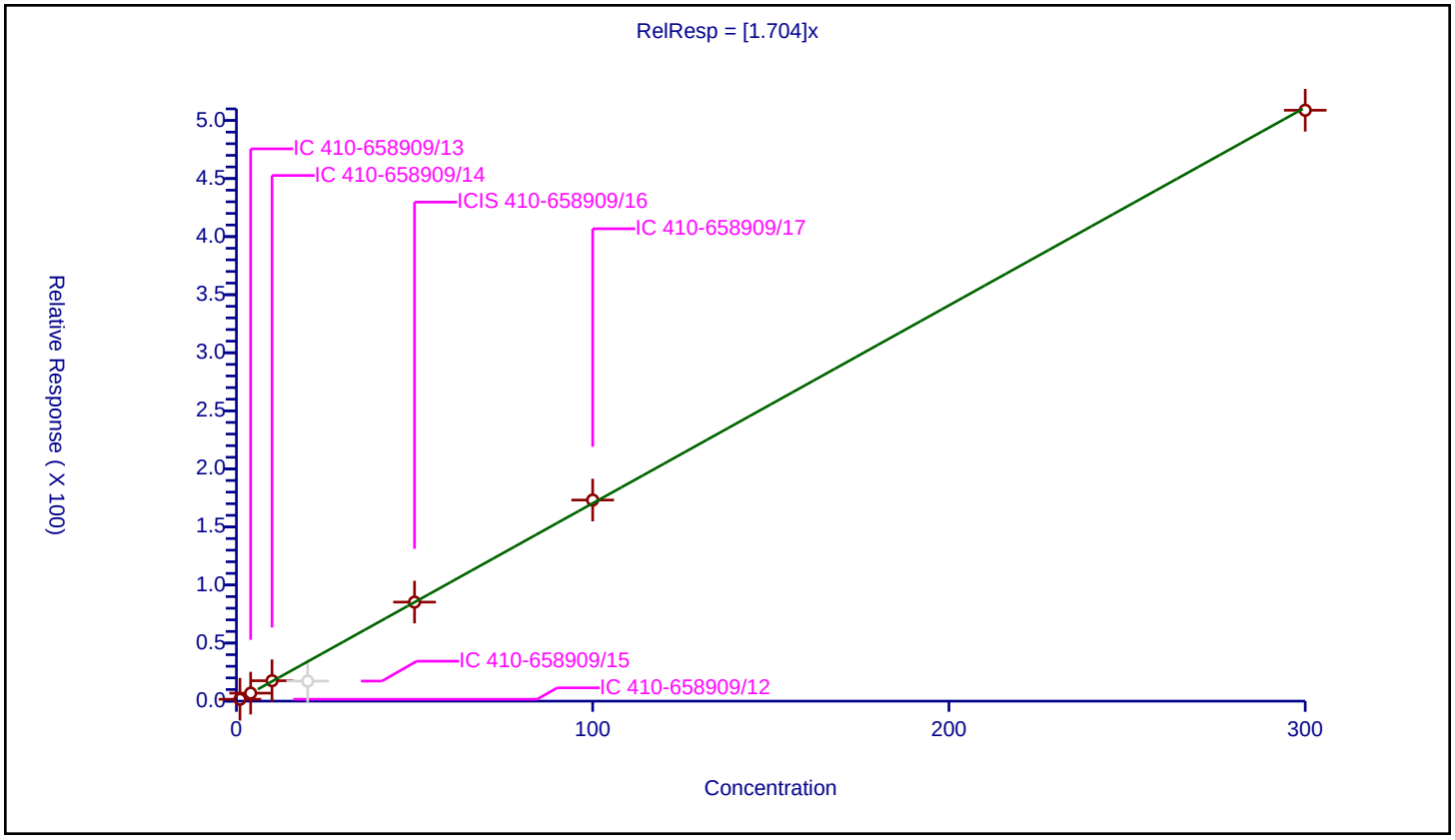
Curve Coefficients

Intercept:	0
Slope:	1.704

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.606899	50.0	419348.0	1.606899	Y
2	IC 410-658909/13	4.0	6.900196	50.0	406445.0	1.725049	Y
3	IC 410-658909/14	10.0	17.577207	50.0	417646.0	1.757721	Y
4	IC 410-658909/15	20.0	17.275407	50.0	855291.0	0.86377	N
5	ICIS 410-658909/16	50.0	85.276638	50.0	402819.0	1.705533	Y
6	IC 410-658909/17	100.0	173.172111	50.0	420102.0	1.731721	Y
7	IC 410-658909/18	300.0	508.837279	50.0	448560.0	1.696124	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

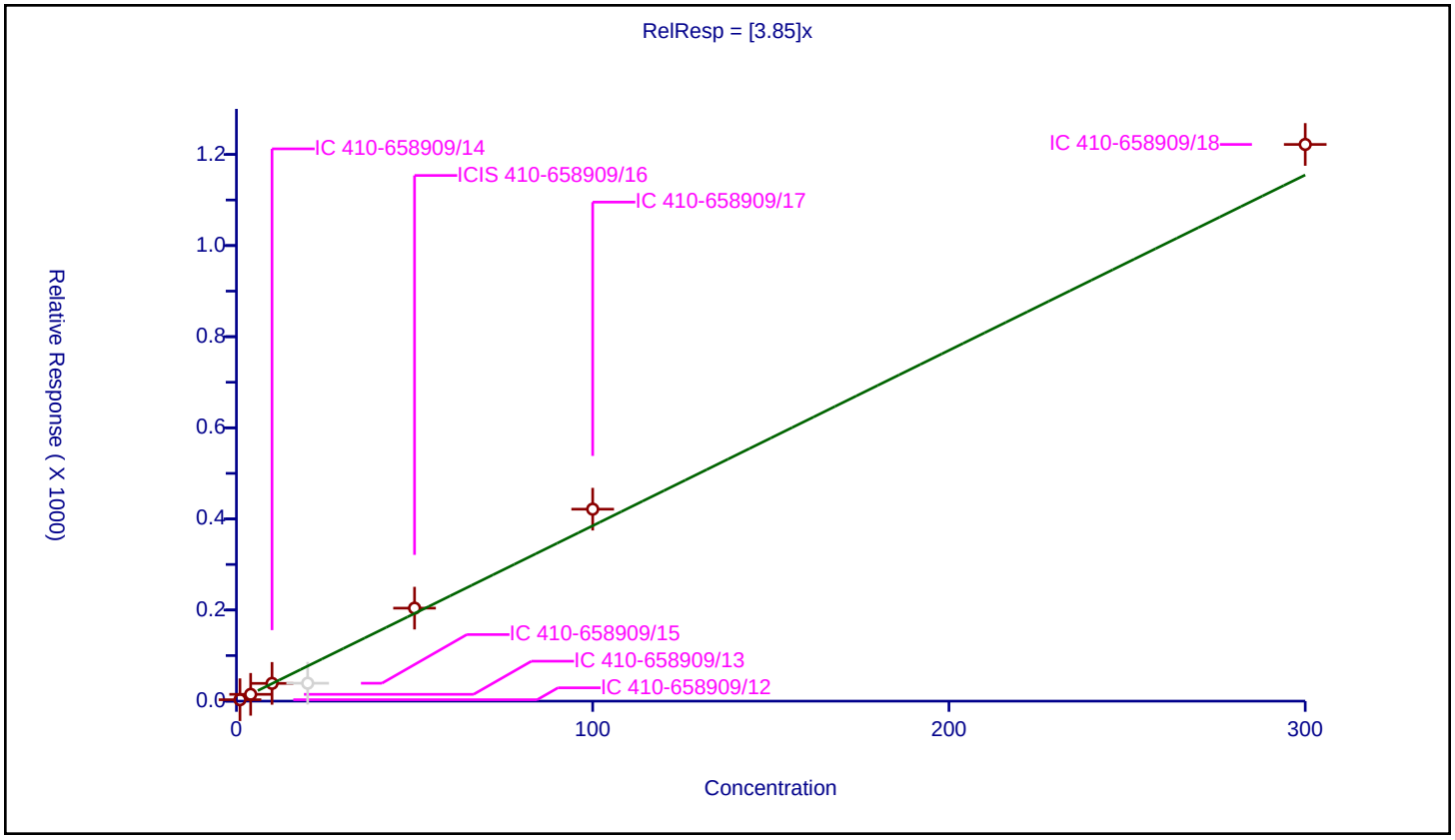
Curve Coefficients

Intercept:	0
Slope:	3.85

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	3.102197	50.0	419348.0	3.102197	Y
2	IC 410-658909/13	4.0	14.929449	50.0	406445.0	3.732362	Y
3	IC 410-658909/14	10.0	38.943747	50.0	417646.0	3.894375	Y
4	IC 410-658909/15	20.0	39.327434	50.0	855291.0	1.966372	N
5	ICIS 410-658909/16	50.0	204.144541	50.0	402819.0	4.082891	Y
6	IC 410-658909/17	100.0	421.387544	50.0	420102.0	4.213875	Y
7	IC 410-658909/18	300.0	1221.971754	50.0	448560.0	4.073239	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

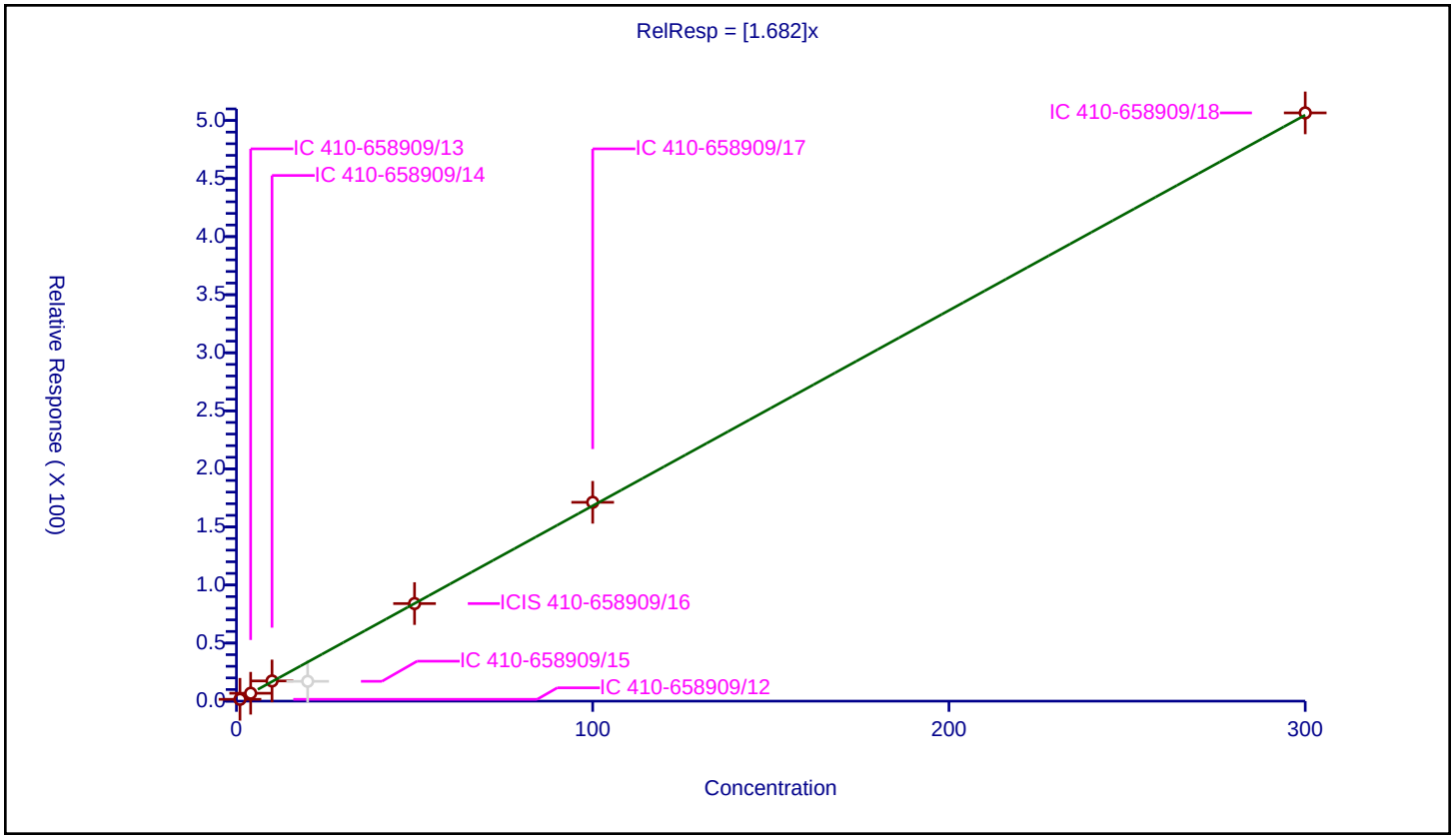
Curve Coefficients

Intercept:	0
Slope:	1.682

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.57423	50.0	419348.0	1.57423	Y
2	IC 410-658909/13	4.0	6.800182	50.0	406445.0	1.700046	Y
3	IC 410-658909/14	10.0	17.384819	50.0	417646.0	1.738482	Y
4	IC 410-658909/15	20.0	17.085881	50.0	855291.0	0.854294	N
5	ICIS 410-658909/16	50.0	84.02558	50.0	402819.0	1.680512	Y
6	IC 410-658909/17	100.0	171.223893	50.0	420102.0	1.712239	Y
7	IC 410-658909/18	300.0	506.55754	50.0	448560.0	1.688525	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

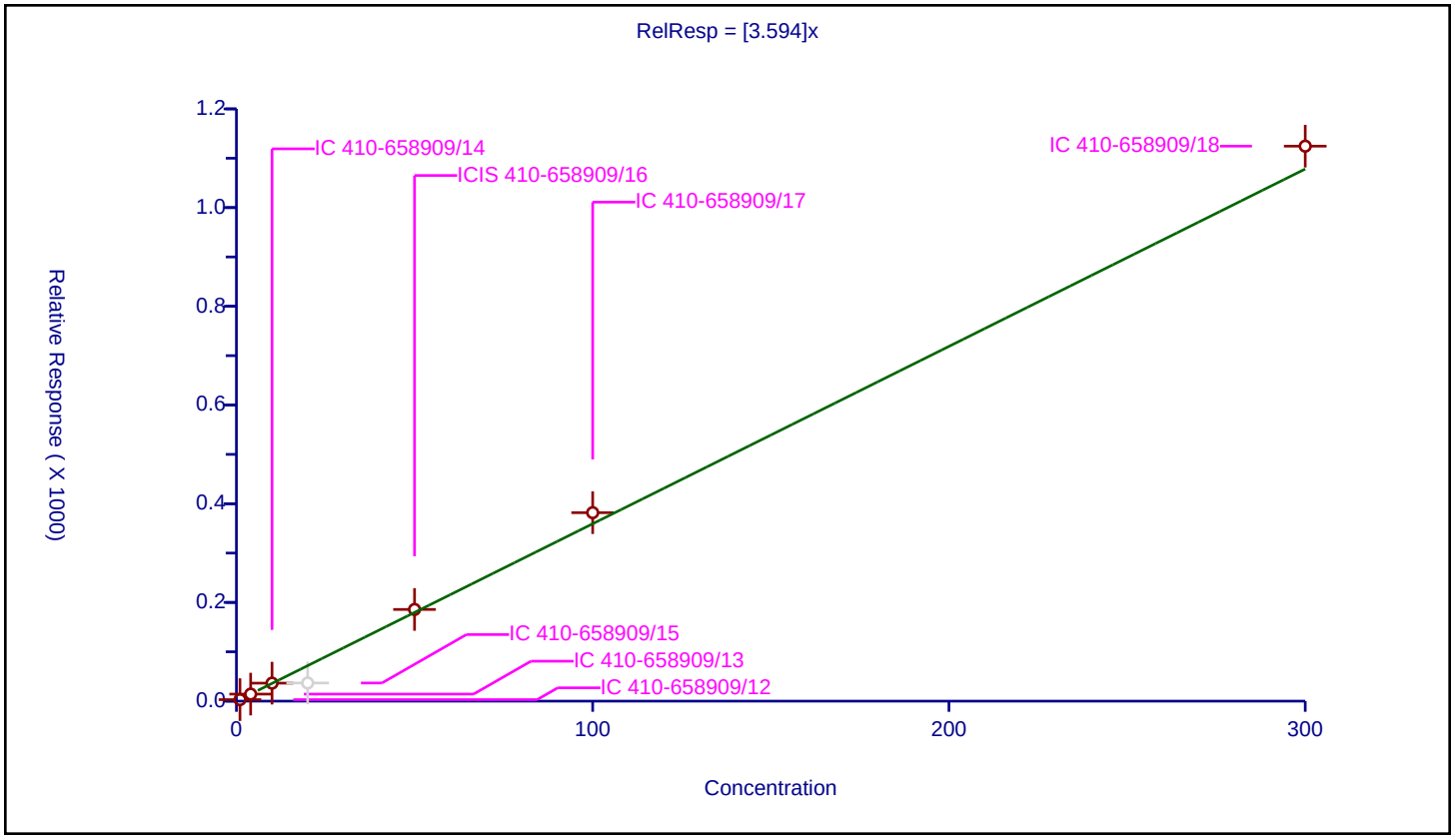
Curve Coefficients

Intercept:	0
Slope:	3.594

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	3.072508	50.0	419348.0	3.072508	Y
2	IC 410-658909/13	4.0	14.254081	50.0	406445.0	3.56352	Y
3	IC 410-658909/14	10.0	36.446536	50.0	417646.0	3.644654	Y
4	IC 410-658909/15	20.0	36.779178	50.0	855291.0	1.838959	N
5	ICIS 410-658909/16	50.0	185.787537	50.0	402819.0	3.715751	Y
6	IC 410-658909/17	100.0	381.88071	50.0	420102.0	3.818807	Y
7	IC 410-658909/18	300.0	1124.518905	50.0	448560.0	3.748396	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

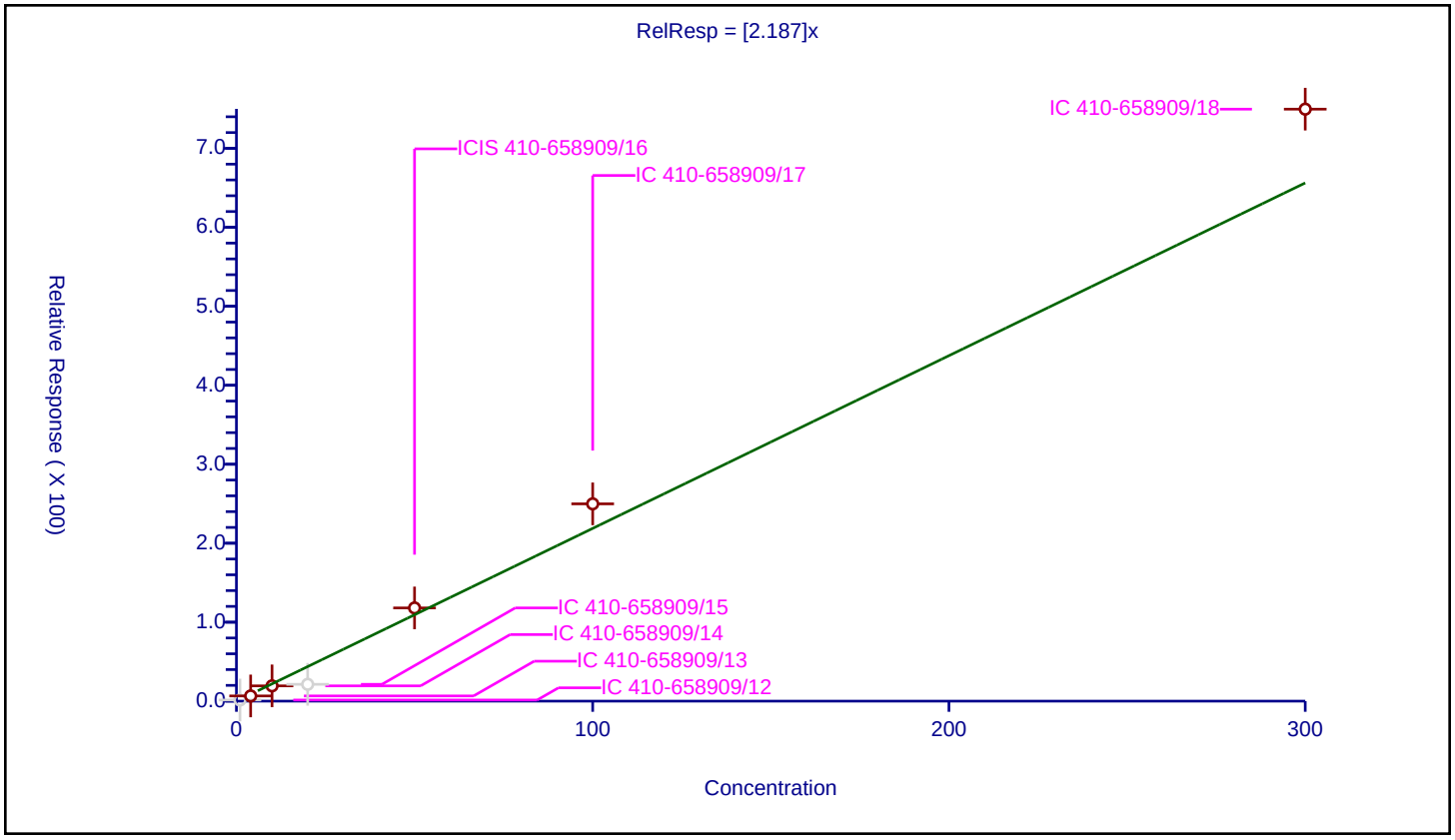
Curve Coefficients

Intercept:	0
Slope:	2.187

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.416842	50.0	419348.0	1.416842	N
2	IC 410-658909/13	4.0	6.584655	50.0	406445.0	1.646164	Y
3	IC 410-658909/14	10.0	19.331324	50.0	417646.0	1.933132	Y
4	IC 410-658909/15	20.0	21.304211	50.0	855291.0	1.065211	N
5	ICIS 410-658909/16	50.0	118.020252	50.0	402819.0	2.360405	Y
6	IC 410-658909/17	100.0	249.848727	50.0	420102.0	2.498487	Y
7	IC 410-658909/18	300.0	749.661249	50.0	448560.0	2.498871	Y



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Calibration / 1,3-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

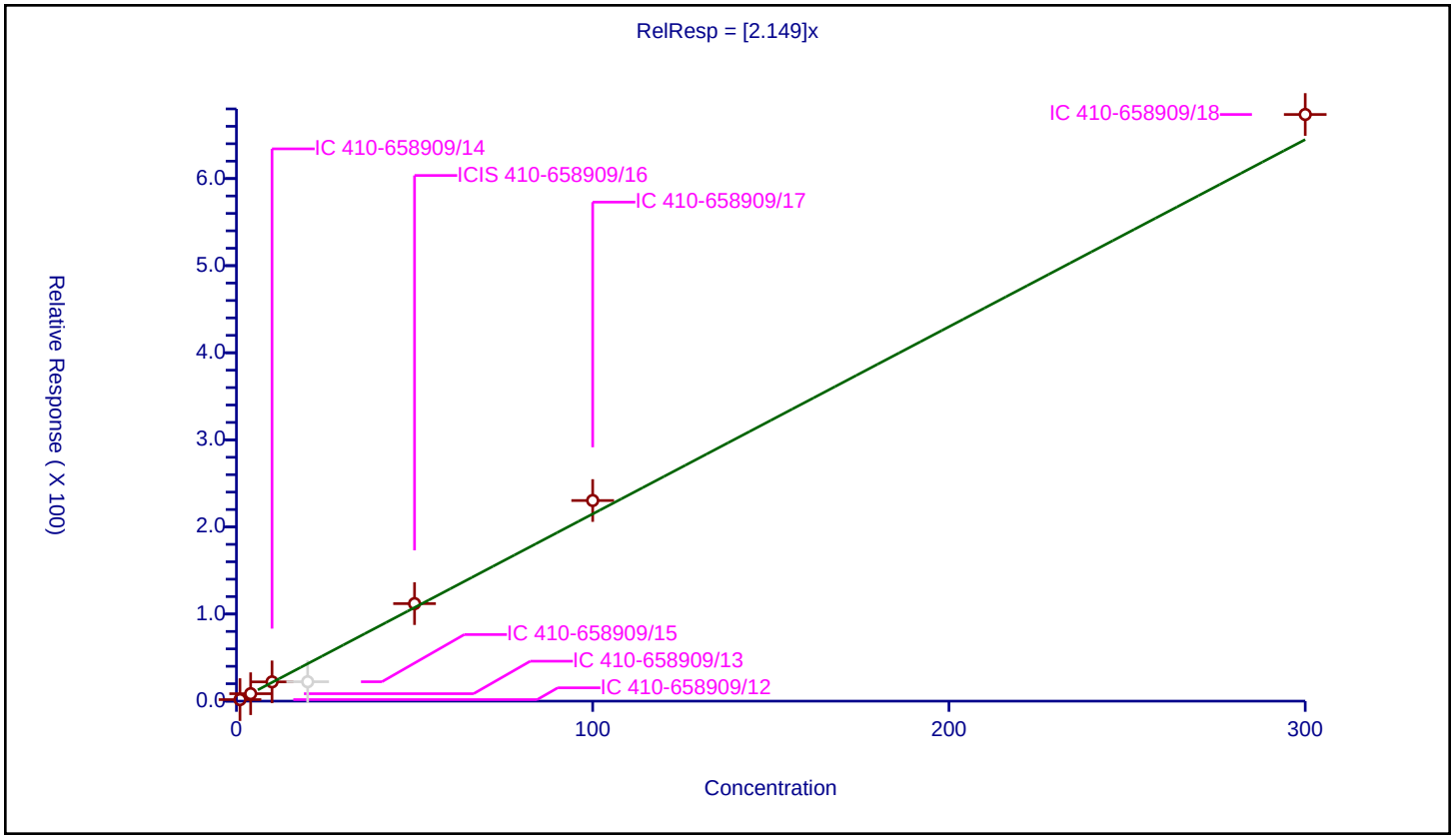
Curve Coefficients

Intercept:	0
Slope:	2.149

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.755225	50.0	419348.0	1.755225	Y
2	IC 410-658909/13	4.0	8.559092	50.0	406445.0	2.139773	Y
3	IC 410-658909/14	10.0	22.127232	50.0	417646.0	2.212723	Y
4	IC 410-658909/15	20.0	22.26897	50.0	855291.0	1.113449	N
5	ICIS 410-658909/16	50.0	111.963438	50.0	402819.0	2.239269	Y
6	IC 410-658909/17	100.0	230.344416	50.0	420102.0	2.303444	Y
7	IC 410-658909/18	300.0	673.589375	50.0	448560.0	2.245298	Y



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Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

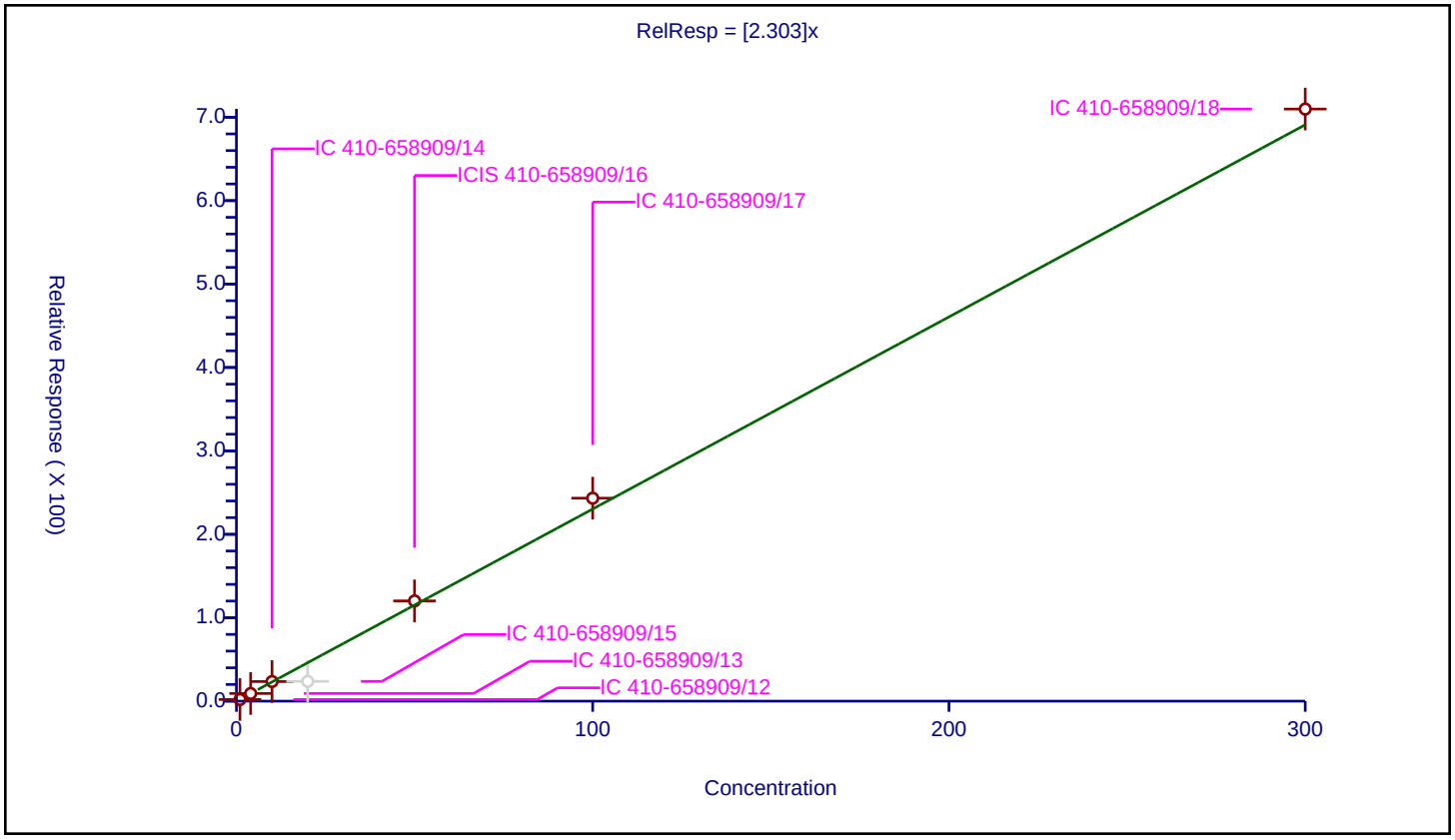
Curve Coefficients

Intercept:	0
Slope:	2.303

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.972109	50.0	419348.0	1.972109	Y
2	IC 410-658909/13	4.0	9.180701	50.0	406445.0	2.295175	Y
3	IC 410-658909/14	10.0	23.489271	50.0	417646.0	2.348927	Y
4	IC 410-658909/15	20.0	23.719997	50.0	855291.0	1.186	N
5	ICIS 410-658909/16	50.0	120.171963	50.0	402819.0	2.403439	Y
6	IC 410-658909/17	100.0	243.303174	50.0	420102.0	2.433032	Y
7	IC 410-658909/18	300.0	709.792893	50.0	448560.0	2.365976	Y



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Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

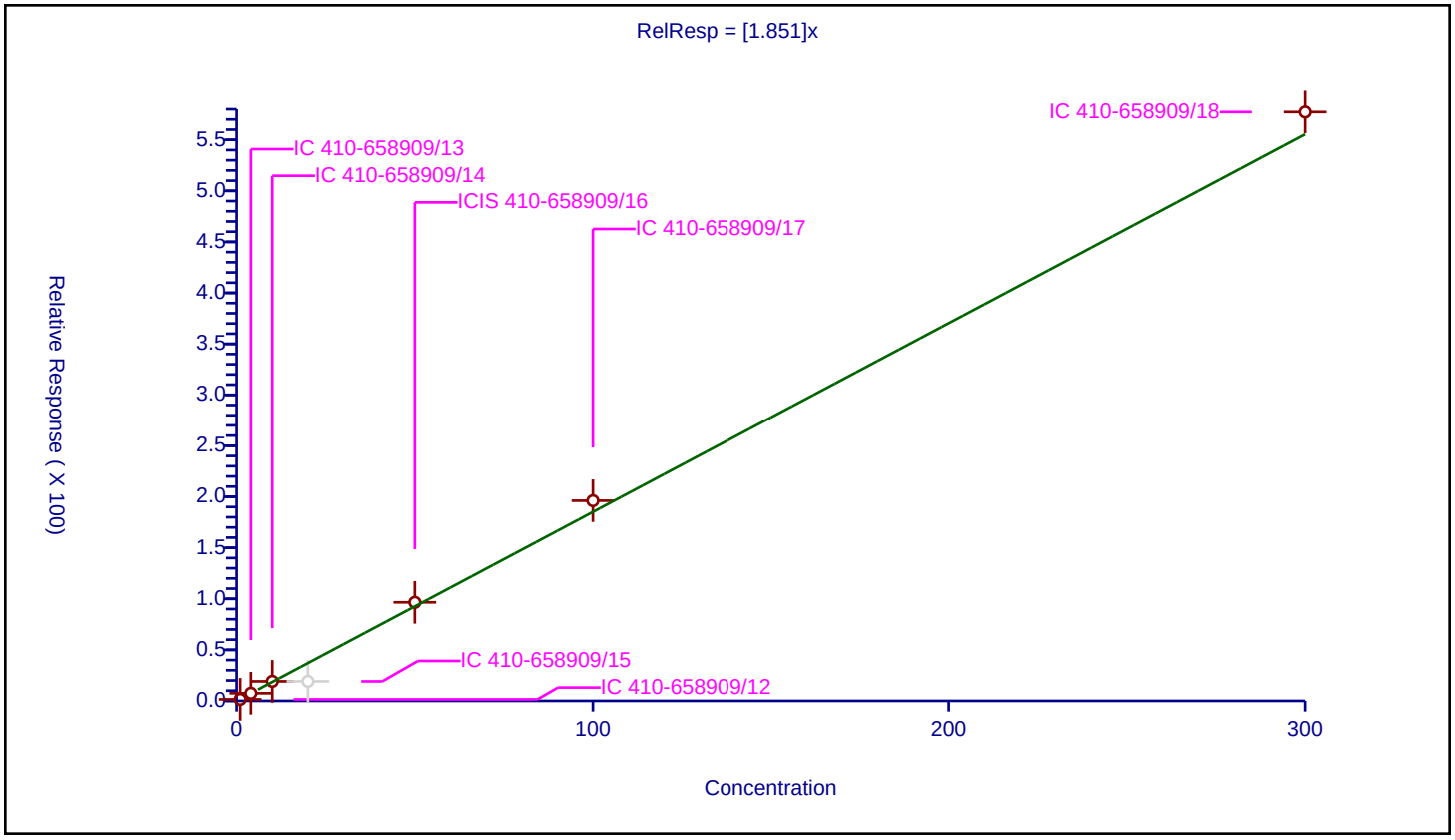
Curve Coefficients

Intercept:	0
Slope:	1.851

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.509367	50.0	419348.0	1.509367	Y
2	IC 410-658909/13	4.0	7.483054	50.0	406445.0	1.870764	Y
3	IC 410-658909/14	10.0	19.107689	50.0	417646.0	1.910769	Y
4	IC 410-658909/15	20.0	19.069767	50.0	855291.0	0.953488	N
5	ICIS 410-658909/16	50.0	96.567937	50.0	402819.0	1.931359	Y
6	IC 410-658909/17	100.0	196.183427	50.0	420102.0	1.961834	Y
7	IC 410-658909/18	300.0	577.278736	50.0	448560.0	1.924262	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

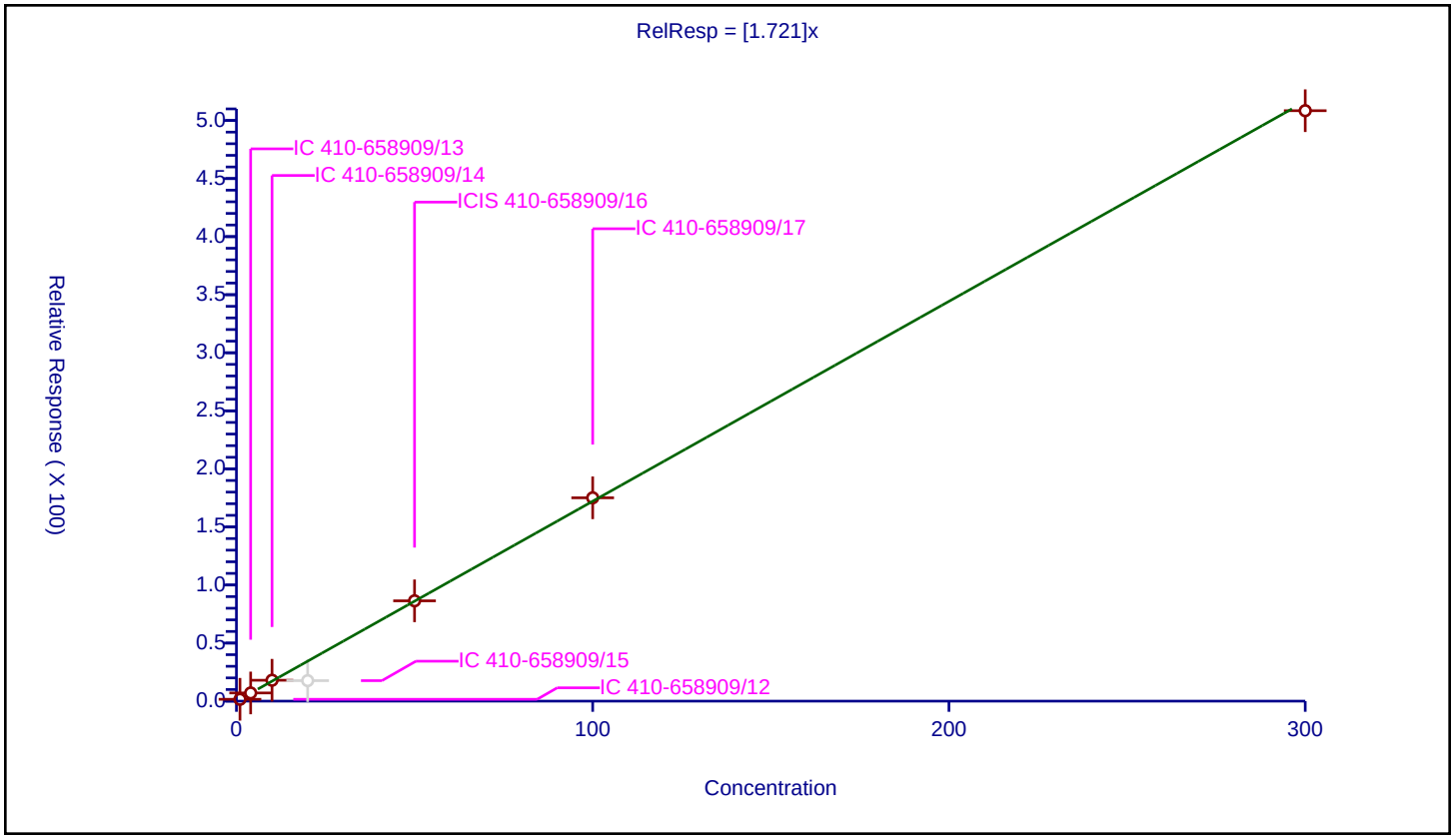
Curve Coefficients

Intercept:	0
Slope:	1.721

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.591399	50.0	419348.0	1.591399	Y
2	IC 410-658909/13	4.0	7.054583	50.0	406445.0	1.763646	Y
3	IC 410-658909/14	10.0	17.99694	50.0	417646.0	1.799694	Y
4	IC 410-658909/15	20.0	17.653348	50.0	855291.0	0.882667	N
5	ICIS 410-658909/16	50.0	86.381477	50.0	402819.0	1.72763	Y
6	IC 410-658909/17	100.0	175.096167	50.0	420102.0	1.750962	Y
7	IC 410-658909/18	300.0	508.447476	50.0	448560.0	1.694825	Y



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Calibration / o-diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

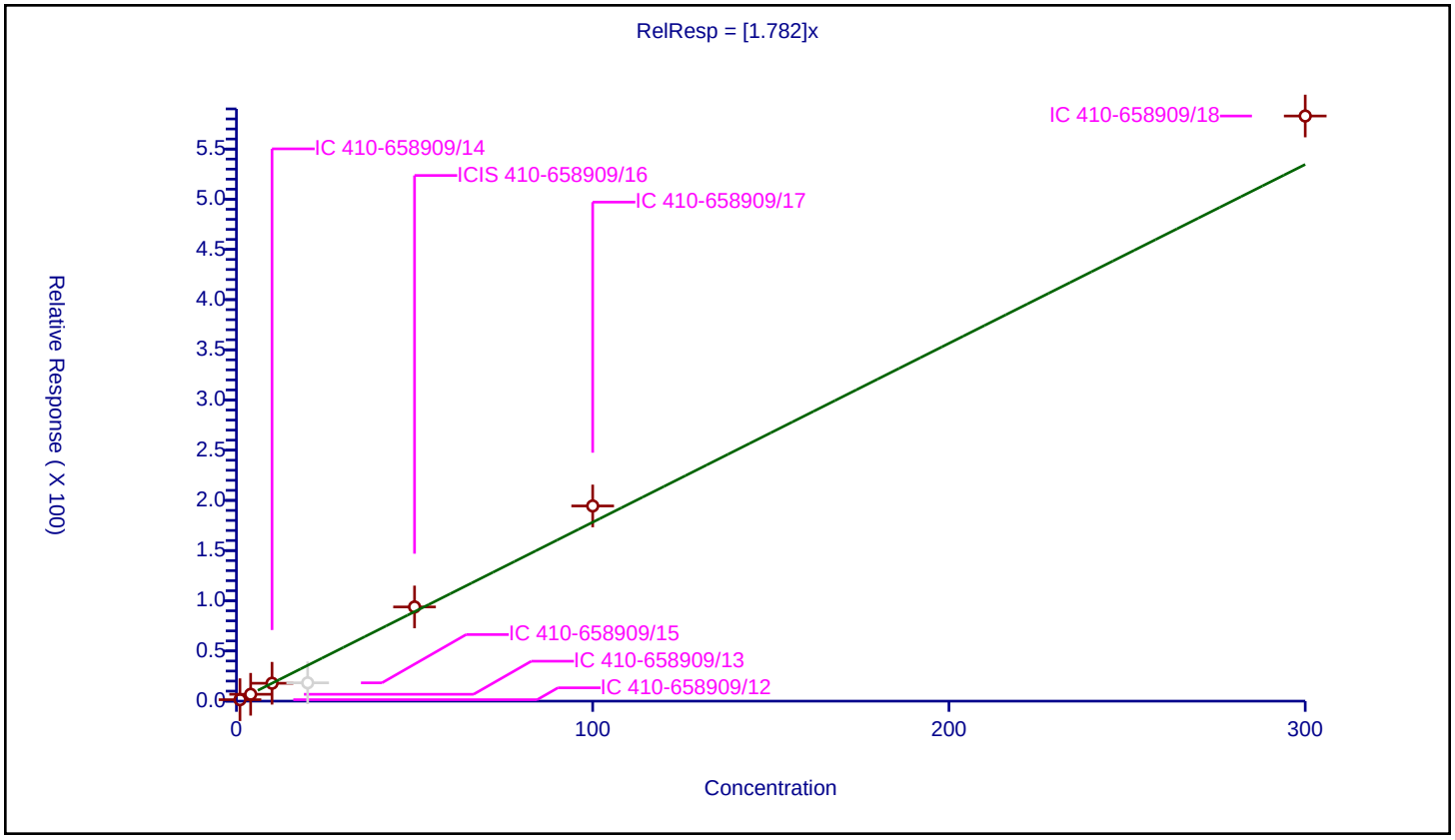
Curve Coefficients

Intercept:	0
Slope:	1.782

Error Coefficients

Relative Standard Deviation:	10.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.437827	50.0	419348.0	1.437827	Y
2	IC 410-658909/13	4.0	6.835365	50.0	406445.0	1.708841	Y
3	IC 410-658909/14	10.0	17.822749	50.0	417646.0	1.782275	Y
4	IC 410-658909/15	20.0	18.246714	50.0	855291.0	0.912336	N
5	ICIS 410-658909/16	50.0	93.827128	50.0	402819.0	1.876543	Y
6	IC 410-658909/17	100.0	194.437898	50.0	420102.0	1.944379	Y
7	IC 410-658909/18	300.0	582.918896	50.0	448560.0	1.943063	Y



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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

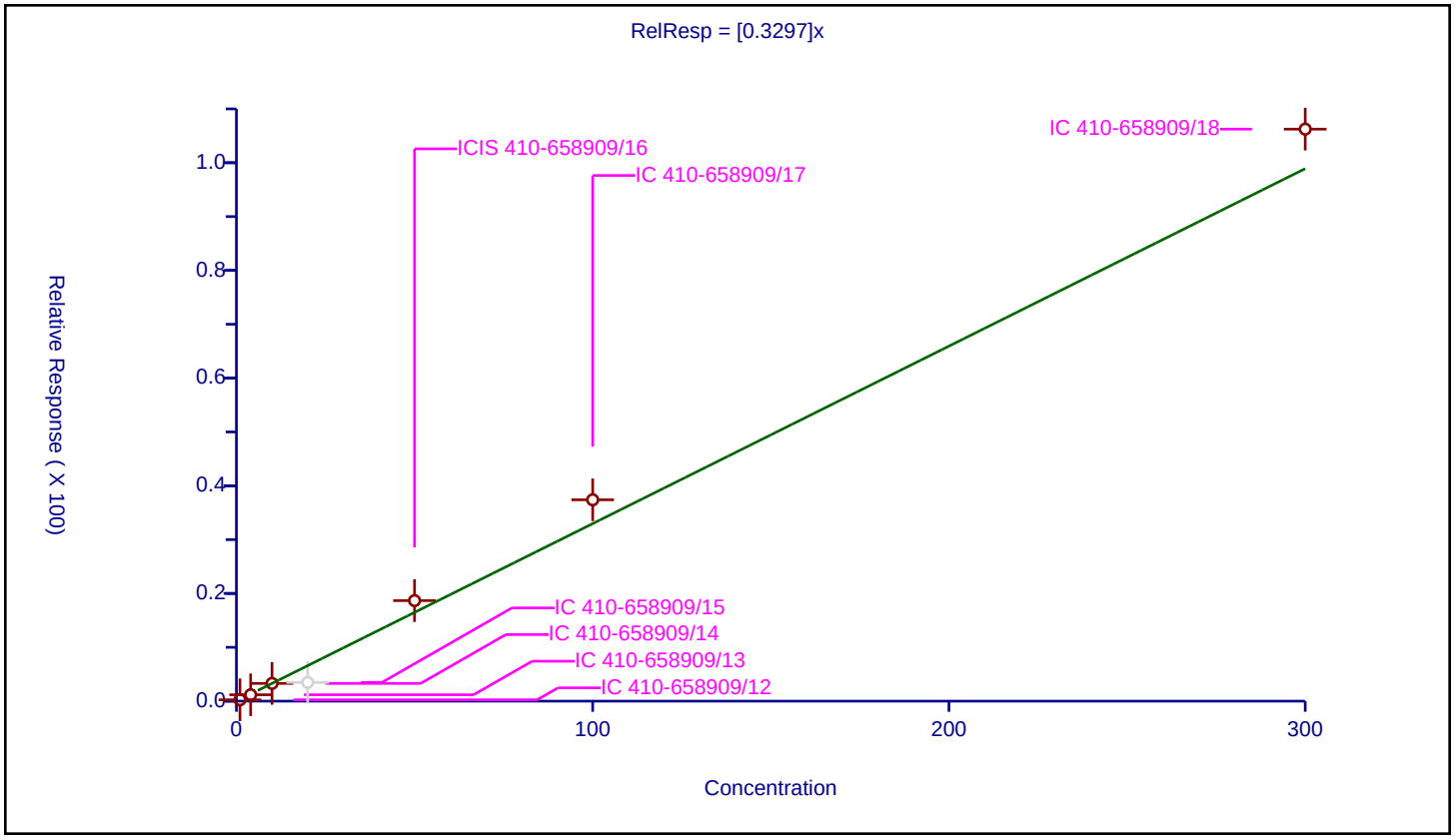
Curve Coefficients

Intercept:	0
Slope:	0.3297

Error Coefficients

Relative Standard Deviation:	14.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.251939	50.0	419348.0	0.251939	Y
2	IC 410-658909/13	4.0	1.182325	50.0	406445.0	0.295581	Y
3	IC 410-658909/14	10.0	3.289987	50.0	417646.0	0.328999	Y
4	IC 410-658909/15	20.0	3.479576	50.0	855291.0	0.173979	N
5	ICIS 410-658909/16	50.0	18.671661	50.0	402819.0	0.373433	Y
6	IC 410-658909/17	100.0	37.3933	50.0	420102.0	0.373933	Y
7	IC 410-658909/18	300.0	106.242309	50.0	448560.0	0.354141	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

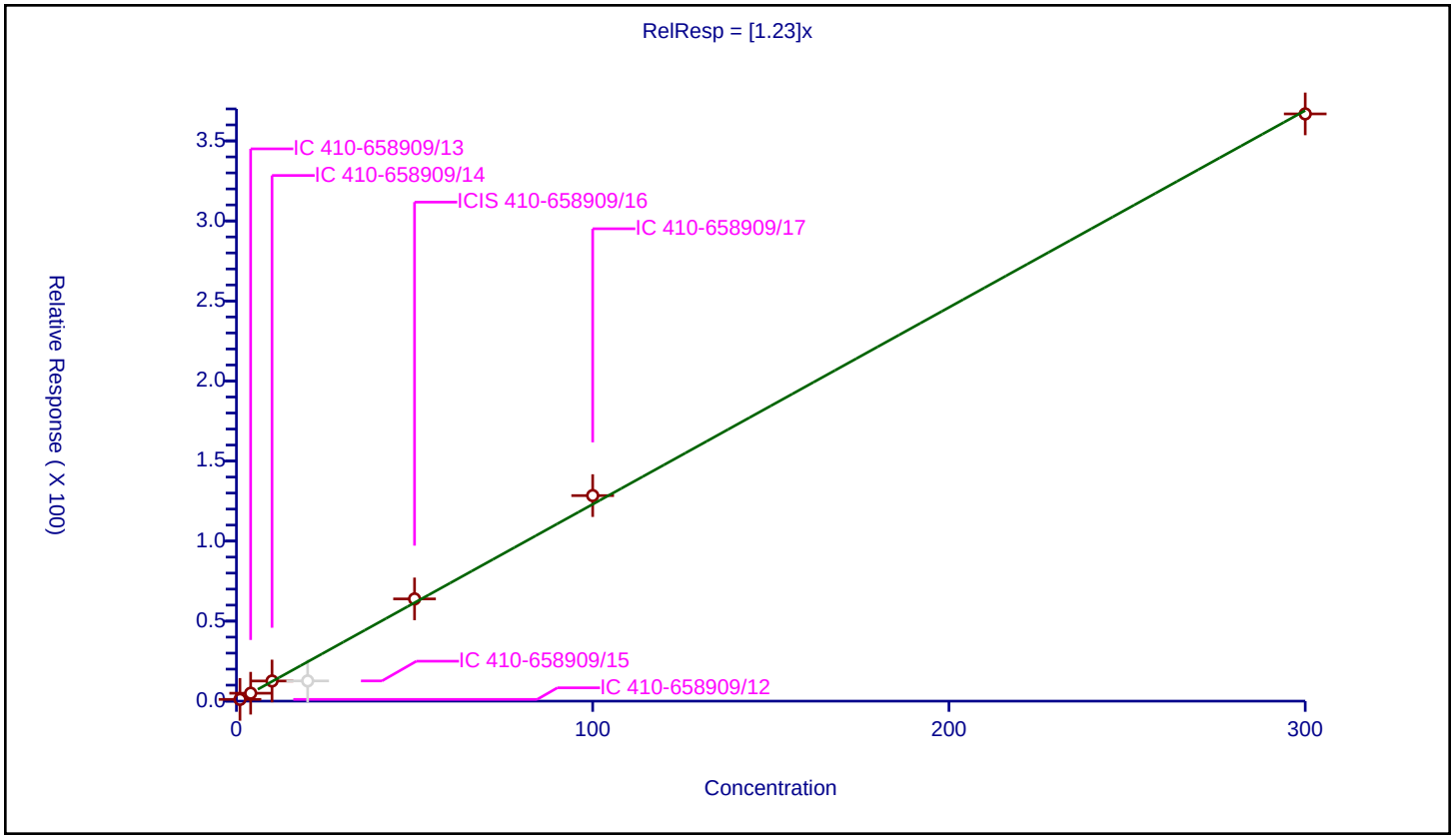
Curve Coefficients

Intercept:	0
Slope:	1.23

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.096703	50.0	419348.0	1.096703	Y
2	IC 410-658909/13	4.0	4.955775	50.0	406445.0	1.238944	Y
3	IC 410-658909/14	10.0	12.591525	50.0	417646.0	1.259152	Y
4	IC 410-658909/15	20.0	12.637921	50.0	855291.0	0.631896	N
5	ICIS 410-658909/16	50.0	63.870374	50.0	402819.0	1.277407	Y
6	IC 410-658909/17	100.0	128.409886	50.0	420102.0	1.284099	Y
7	IC 410-658909/18	300.0	366.879682	50.0	448560.0	1.222932	Y



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Calibration / 1,2,4-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

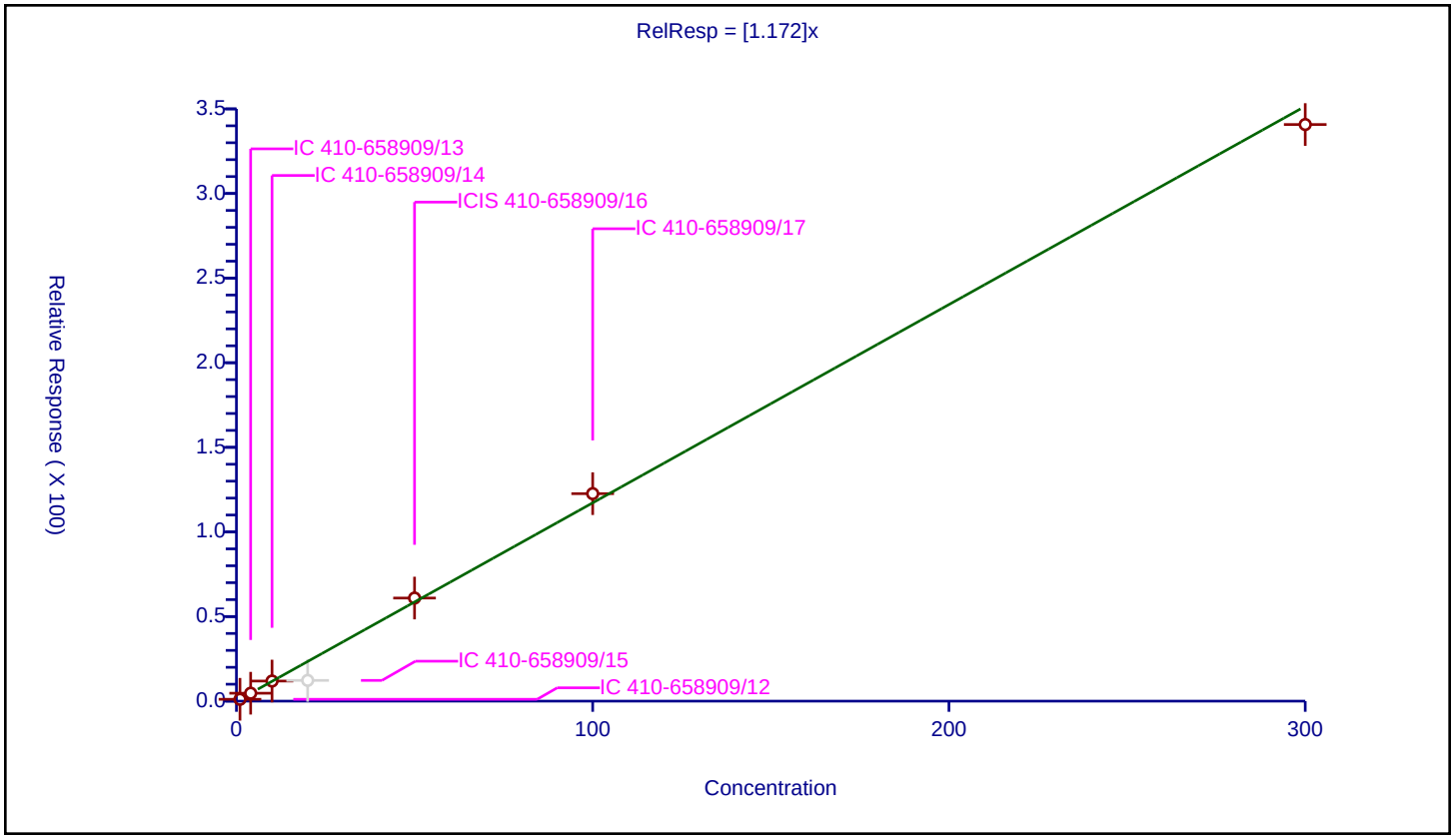
Curve Coefficients

Intercept:	0
Slope:	1.172

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.090502	50.0	419348.0	1.090502	Y
2	IC 410-658909/13	4.0	4.688703	50.0	406445.0	1.172176	Y
3	IC 410-658909/14	10.0	11.877403	50.0	417646.0	1.18774	Y
4	IC 410-658909/15	20.0	12.260096	50.0	855291.0	0.613005	N
5	ICIS 410-658909/16	50.0	60.924634	50.0	402819.0	1.218493	Y
6	IC 410-658909/17	100.0	122.617602	50.0	420102.0	1.226176	Y
7	IC 410-658909/18	300.0	340.76322	50.0	448560.0	1.135877	Y



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Calibration / 2-Ethylhexyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

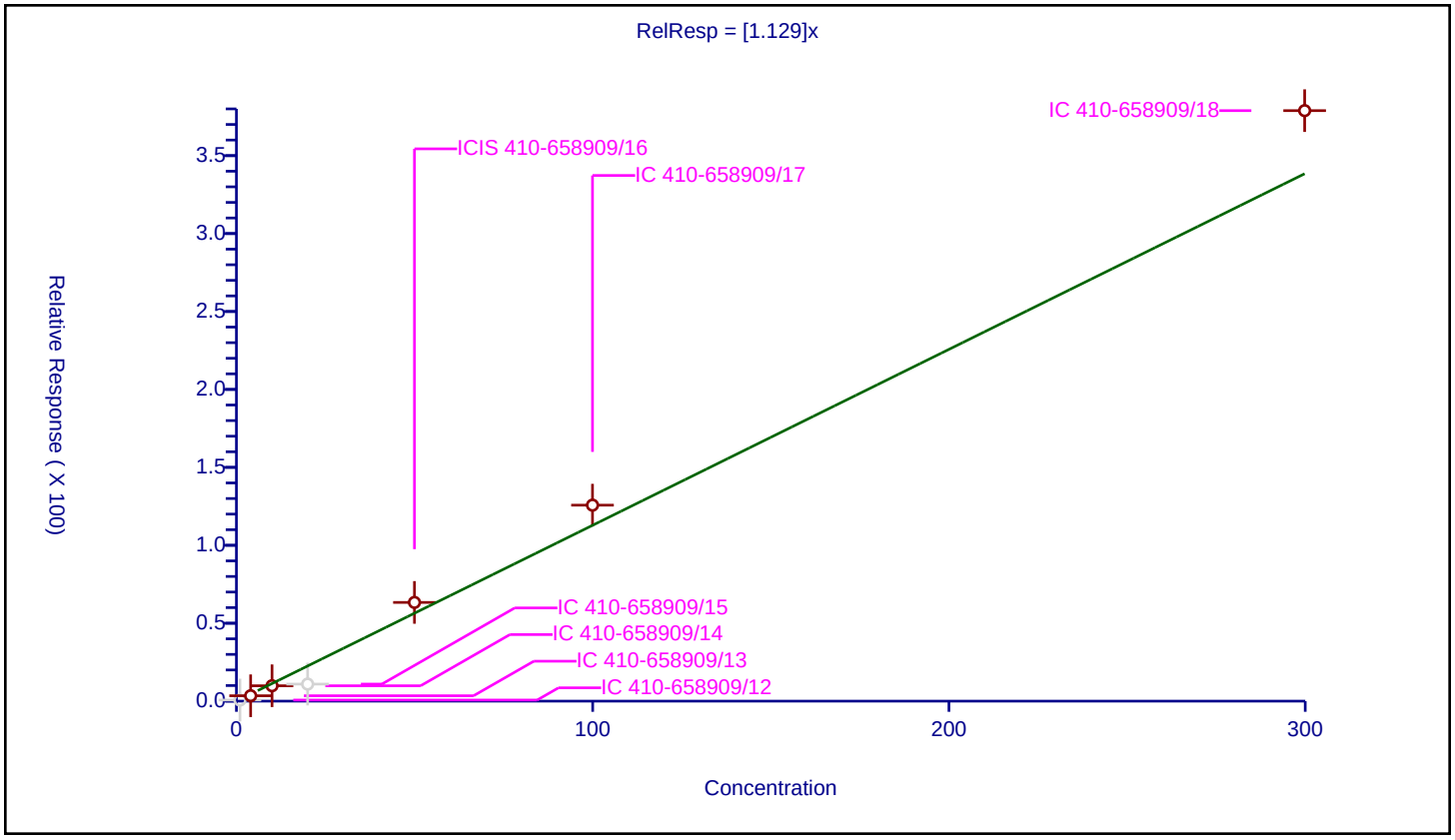
Curve Coefficients

Intercept:	0
Slope:	1.129

Error Coefficients

Relative Standard Deviation:	16.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	0.999472	0.708362	50.0	419348.0	0.708736	N
2	IC 410-658909/13	3.997886	3.46037	50.0	406445.0	0.86555	Y
3	IC 410-658909/14	9.994716	9.874032	50.0	417646.0	0.987925	Y
4	IC 410-658909/15	19.989432	10.944287	50.0	855291.0	0.547504	N
5	ICIS 410-658909/16	49.97358	63.342717	50.0	402819.0	1.267524	Y
6	IC 410-658909/17	99.94716	125.741844	50.0	420102.0	1.258083	Y
7	IC 410-658909/18	299.84148	378.871277	50.0	448560.0	1.263572	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

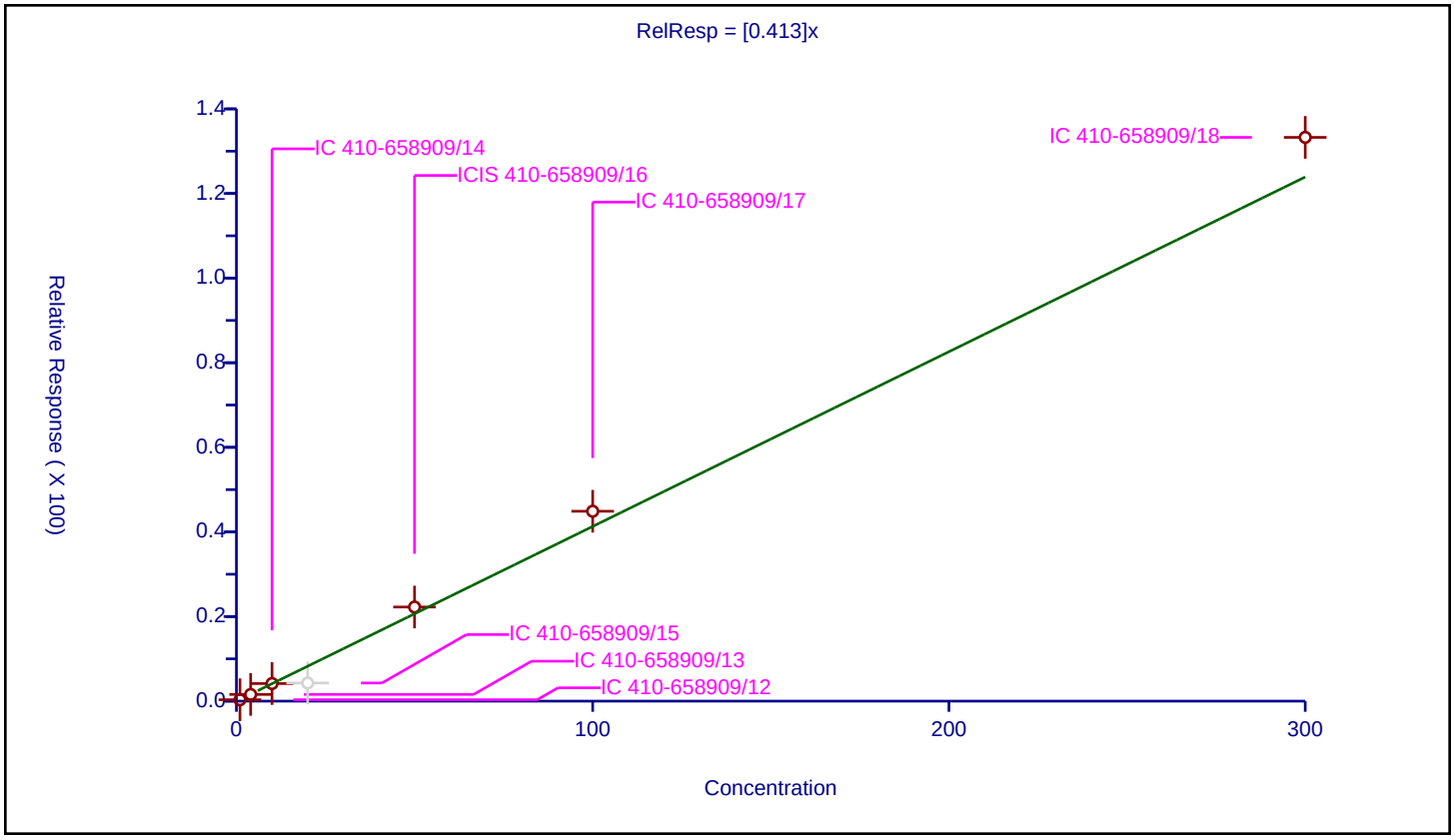
Curve Coefficients

Intercept:	0
Slope:	0.413

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	0.328367	50.0	419348.0	0.328367	Y
2	IC 410-658909/13	4.0	1.583609	50.0	406445.0	0.395902	Y
3	IC 410-658909/14	10.0	4.157349	50.0	417646.0	0.415735	Y
4	IC 410-658909/15	20.0	4.291697	50.0	855291.0	0.214585	N
5	ICIS 410-658909/16	50.0	22.245599	50.0	402819.0	0.444912	Y
6	IC 410-658909/17	100.0	44.886599	50.0	420102.0	0.448866	Y
7	IC 410-658909/18	300.0	133.265784	50.0	448560.0	0.444219	Y



7/14/2025
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Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

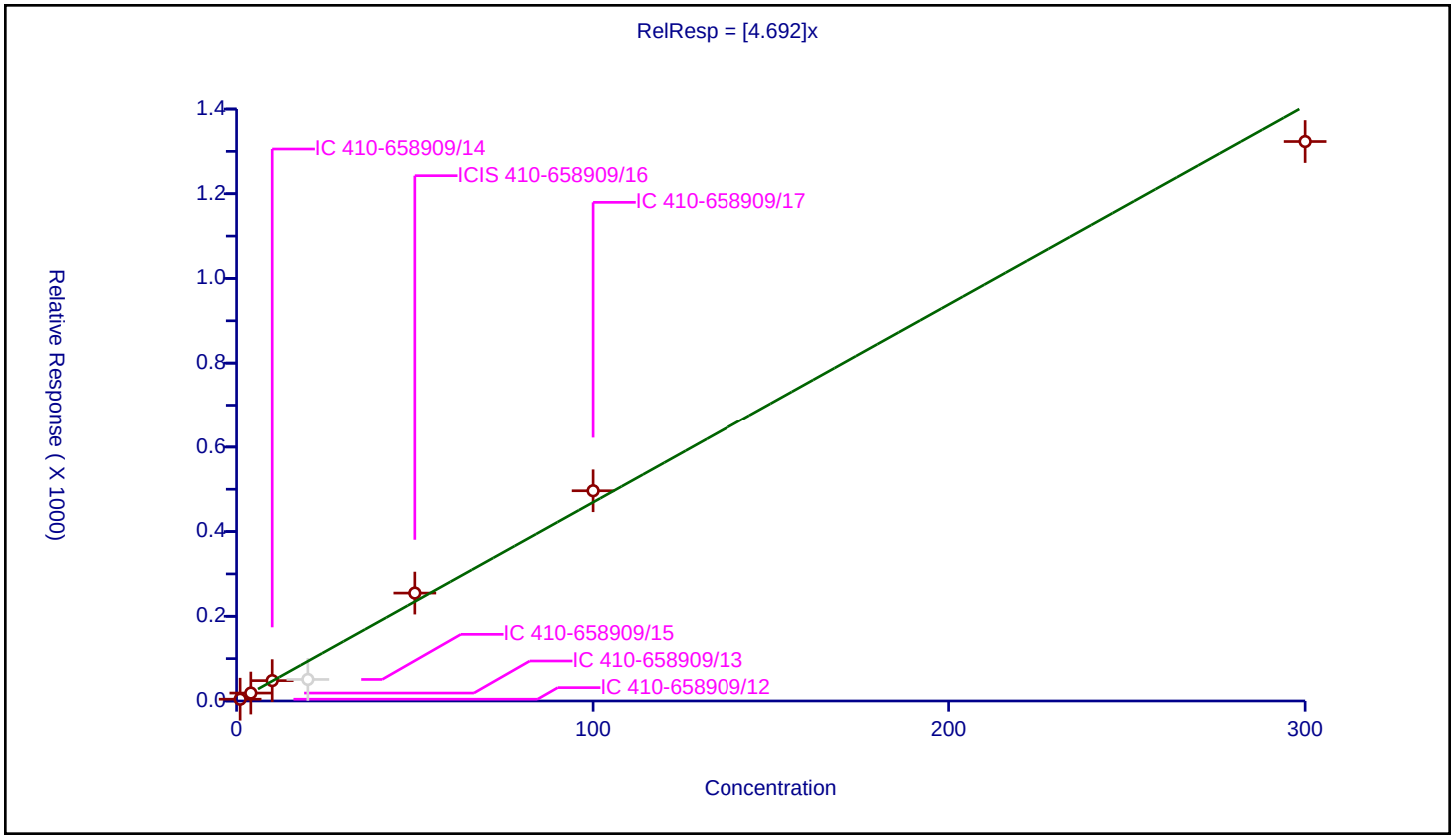
Curve Coefficients

Intercept:	0
Slope:	4.692

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	4.181968	50.0	419348.0	4.181968	Y
2	IC 410-658909/13	4.0	18.759242	50.0	406445.0	4.68981	Y
3	IC 410-658909/14	10.0	48.097671	50.0	417646.0	4.809767	Y
4	IC 410-658909/15	20.0	50.866664	50.0	855291.0	2.543333	N
5	ICIS 410-658909/16	50.0	254.769512	50.0	402819.0	5.09539	Y
6	IC 410-658909/17	100.0	496.393376	50.0	420102.0	4.963934	Y
7	IC 410-658909/18	300.0	1323.259207	50.0	448560.0	4.410864	Y



7/14/2025
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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

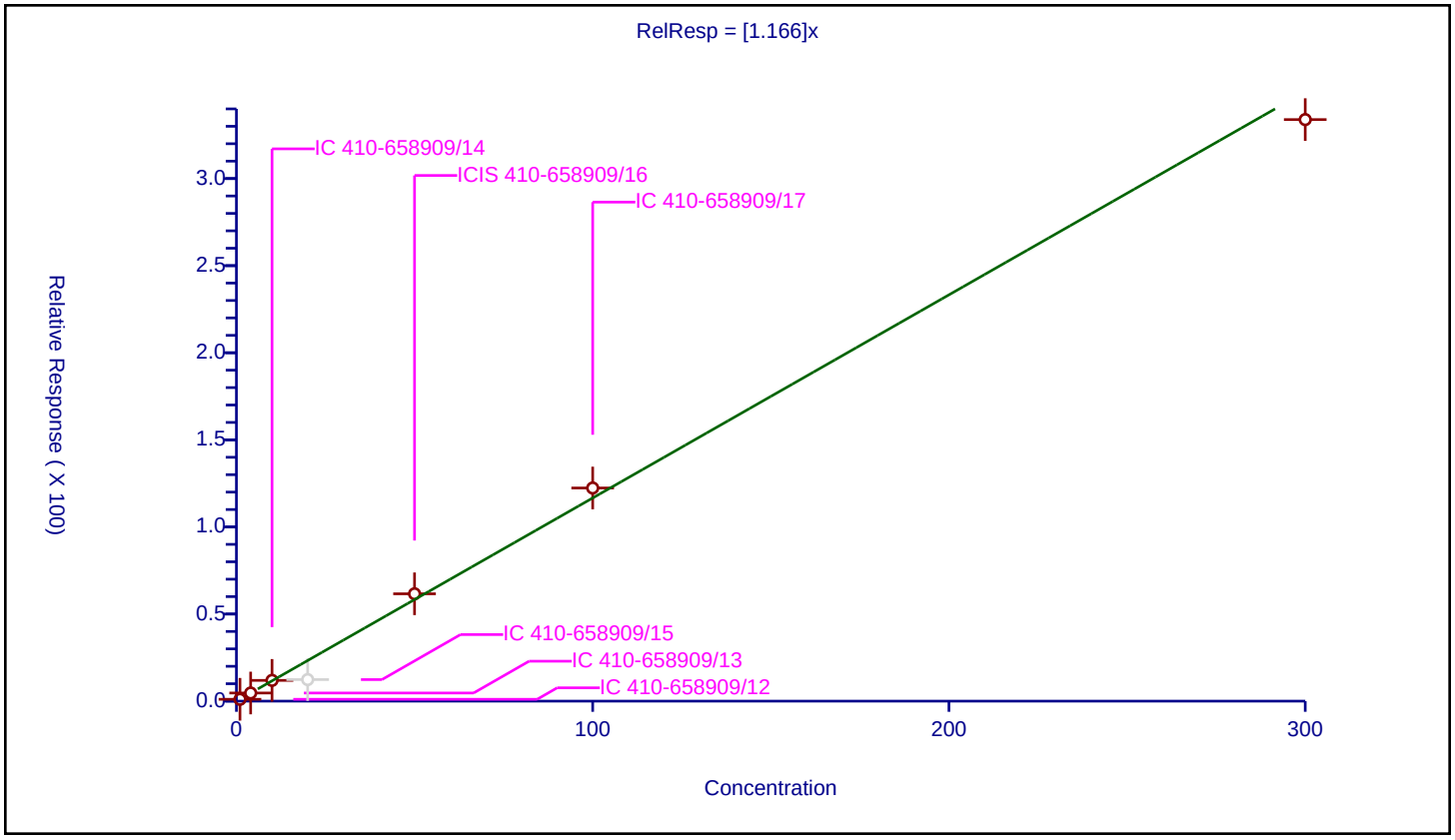
Curve Coefficients

Intercept:	0
Slope:	1.166

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.069875	50.0	419348.0	1.069875	Y
2	IC 410-658909/13	4.0	4.664223	50.0	406445.0	1.166056	Y
3	IC 410-658909/14	10.0	11.92553	50.0	417646.0	1.192553	Y
4	IC 410-658909/15	20.0	12.370293	50.0	855291.0	0.618515	N
5	ICIS 410-658909/16	50.0	61.628424	50.0	402819.0	1.232568	Y
6	IC 410-658909/17	100.0	122.354809	50.0	420102.0	1.223548	Y
7	IC 410-658909/18	300.0	333.850321	50.0	448560.0	1.112834	Y



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Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

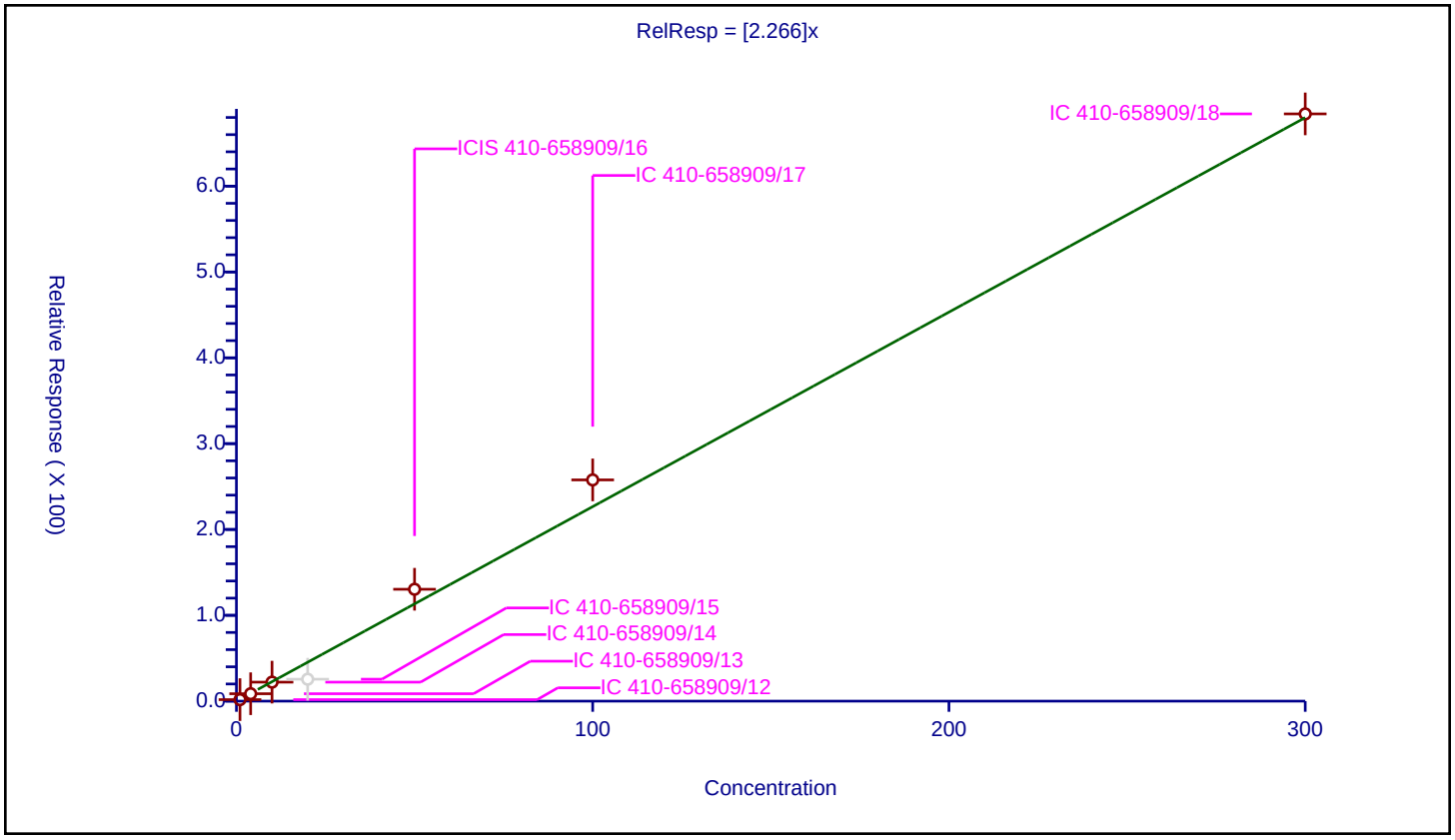
Curve Coefficients

Intercept:	0
Slope:	2.266

Error Coefficients

Relative Standard Deviation:	13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-658909/12	1.0	1.755821	50.0	419348.0	1.755821	Y
2	IC 410-658909/13	4.0	8.653323	50.0	406445.0	2.163331	Y
3	IC 410-658909/14	10.0	22.124598	50.0	417646.0	2.21246	Y
4	IC 410-658909/15	20.0	25.549258	50.0	855291.0	1.277463	N
5	ICIS 410-658909/16	50.0	130.329875	50.0	402819.0	2.606598	Y
6	IC 410-658909/17	100.0	257.759068	50.0	420102.0	2.577591	Y
7	IC 410-658909/18	300.0	684.155297	50.0	448560.0	2.280518	Y



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 15:31 Calibration End Date: 06/23/2025 17:22 Calibration ID: 74044

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-661307/3	WU23X02.D
Level 2	IC 410-661307/4	WU23X03.D
Level 3	IC 410-661307/5	WU23X04.D
Level 4	IC 410-661307/6	WU23X05.D
Level 5	IC 410-661307/7	WU23X06.D
Level 6	IC 410-661307/8	WU23X07.D

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Chlorotrifluoroethene	0.1570 0.1678	0.1728	0.1781	0.1907	0.1858	Ave		0.1754				7.0		20.0			
Chlorodifluoromethane	6.9441 6.6964	7.0531	7.1330	7.6370	6.6996	Ave		7.0272				5.0		20.0			
Freon 133a	0.4112 0.4013	0.4432	0.4235	0.4423	0.4383	Ave		0.4266				4.1		20.0			
Ethyl ether	0.2048 0.2140	0.2302	0.2128	0.2234	0.2299	Ave		0.2192				4.7		20.0			
Acetonitrile	1.5238 1.0730	1.2267	1.1773	1.0890	1.1046	Ave		1.1991				14.1		20.0			
Vinyl acetate	0.6399 0.5791	0.6012	0.5976	0.6084	0.6316	Ave		0.6096				3.7		20.0			
Ethyl acetate	0.4446 0.3943	0.3968	0.3945	0.3896	0.4183	Ave		0.4063				5.2		20.0			
Isopropyl acetate	0.7424 0.7086	0.6917	0.7009	0.6998	0.7560	Ave		0.7166				3.7		20.0			
n-Propyl acetate	0.1575 0.1666	0.1518	0.1557	0.1599	0.1723	Ave		0.1606				4.7		20.0			
3,4-Dichloro-1-butene	0.4059 0.4243	0.4170	0.4011	0.4204	0.4202	Ave		0.4148				2.2		20.0			
Butyl acetate	0.8610 0.8230	0.8029	0.8243	0.8524	0.8928	Ave		0.8427				3.8		20.0			
cis-1,4-Dichloro-2-butene	0.2037 0.2232	0.2098	0.2056	0.2163	0.2218	Ave		0.2134				3.9		20.0			
Pentachloroethane	0.3883 0.4248	0.3846	0.3894	0.4352	0.4322	Ave		0.4091				5.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-229797-1 | Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 15:31 | Calibration End Date: 06/23/2025 17:22 | Calibration ID: 74044

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-661307/3	WU23X02.D
Level 2	IC 410-661307/4	WU23X03.D
Level 3	IC 410-661307/5	WU23X04.D
Level 4	IC 410-661307/6	WU23X05.D
Level 5	IC 410-661307/7	WU23X06.D
Level 6	IC 410-661307/8	WU23X07.D

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Chlorotrifluoroethene	FB	Ave	12552 992826	34474	70999	187035	365144	4.00 300	10.0	20.0	50.0	100
Chlorodifluoromethane	TBAd10	Ave	38000 2788058	102054	196776	509081	1001550	4.00 300	10.0	20.0	50.0	100
Freon 133a	FB	Ave	32874 2374737	88409	168772	433764	861499	4.00 300	10.0	20.0	50.0	100
Ethyl ether	FB	Ave	16381 1266741	45929	84850	219201	451980	4.00 300	10.0	20.0	50.0	100
Acetonitrile	TBAd10	Ave	41694 2233715	88745	162390	362959	825625	20.0 1500	50.0	100	250	500
Vinyl acetate	FB	Ave	51152 3426632	119913	238165	596671	1241388	4.00 300	10.0	20.0	50.0	100
Ethyl acetate	FB	Ave	35539 2333269	79149	157226	382055	822119	4.00 300	10.0	20.0	50.0	100
Isopropyl acetate	FB	Ave	59347 4192695	137977	279356	686295	1485808	4.00 300	10.0	20.0	50.0	100
n-Propyl acetate	FB	Ave	12592 985805	30288	62057	156833	338568	4.00 300	10.0	20.0	50.0	100
3,4-Dichloro-1-butene	CBZd5	Ave	22541 1819245	57584	111577	289264	582037	4.00 300	10.00	20.0	50.0	100.0
Butyl acetate	CBZd5	Ave	47825 3529341	110901	229382	586678	1236960	4.00 300	10.0	20.0	50.0	100
cis-1,4-Dichloro-2-butene	CBZd5	Ave	11309 956934	28972	57195	148820	307205	4.00 300	10.00	20.0	50.0	100.0
Pentachloroethane	DCBd4	Ave	12408 999165	30613	61871	171191	336866	4.00 300	10.0	20.0	50.0	100

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 15:31 Calibration End Date: 06/23/2025 17:22 Calibration ID: 74044

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-661307/3	WU23X02.D
Level 2	IC 410-661307/4	WU23X03.D
Level 3	IC 410-661307/5	WU23X04.D
Level 4	IC 410-661307/6	WU23X05.D
Level 5	IC 410-661307/7	WU23X06.D
Level 6	IC 410-661307/8	WU23X07.D

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Chlorotrifluoroethene	-10.5	-1.5	1.6	8.7	5.9	-4.3	50	30	30	30	30	30
Chlorodifluoromethane	-1.2	0.4	1.5	8.7	-4.7	-4.7	50	30	30	30	30	30
Freon 133a	-3.6	3.9	-0.7	3.7	2.7	-5.9	50	30	30	30	30	30
Ethyl ether	-6.5	5.0	-2.9	1.9	4.9	-2.4	50	30	30	30	30	30
Acetonitrile	27.1	2.3	-1.8	-9.2	-7.9	-10.5	50	30	30	30	30	30
Vinyl acetate	5.0	-1.4	-2.0	-0.2	3.6	-5.0	50	30	30	30	30	30
Ethyl acetate	9.4	-2.3	-2.9	-4.1	2.9	-3.0	50	30	30	30	30	30
Isopropyl acetate	3.6	-3.5	-2.2	-2.3	5.5	-1.1	50	30	30	30	30	30
n-Propyl acetate	-1.9	-5.5	-3.1	-0.4	7.2	3.7	50	30	30	30	30	30
3,4-Dichloro-1-butene	-2.1	0.5	-3.3	1.3	1.3	2.3	50	30	30	30	30	30
Butyl acetate	2.2	-4.7	-2.2	1.1	5.9	-2.3	50	30	30	30	30	30
cis-1,4-Dichloro-2-butene	-4.6	-1.7	-3.6	1.4	3.9	4.6	50	30	30	30	30	30
Pentachloroethane	-5.1	-6.0	-4.8	6.4	5.7	3.8	50	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X02.D
Lims ID: IC sm v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jun-2025 15:31:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-003
Misc. Info.: IC SM V4
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub38

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:22 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 24-Jun-2025 22:04:18

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.956	1.950	0.006	72	12552	4.00	3.58	
6 Chlorodifluoromethane	51	2.005	2.001	0.004	98	38000	4.00	3.95	
10 2-Chloro-1,1,1-Trifluoroethane	118	2.393	2.387	0.006	35	32874	4.00	3.86	
16 Ethyl ether	59	3.288	3.288	0.000	93	16381	4.00	3.74	
26 Acetonitrile	41	4.068	4.065	0.003	94	41694	20.0	25.4	
* 34 t-Butyl alcohol-d10 (IS)	65	4.366	4.379	-0.013	64	342016	250.0	250.0	
40 Vinyl acetate	43	5.390	5.380	0.010	93	51152	4.00	4.20	
48 Ethyl acetate	43	6.247	6.237	0.010	99	35539	4.00	4.38	
68 Isopropyl acetate	43	7.495	7.485	0.010	98	59347	4.00	4.14	
* 73 Fluorobenzene (IS)	96	7.809	7.810	-0.001	99	999256	50.0	50.0	
84 n-Propyl acetate	61	8.782	8.782	0.000	98	12592	4.00	3.92	
89 2,3,4-Trichlorobutene	109		9.417				ND	ND	
132 3,4-Dichloro-1-butene	75	10.550	10.550	0.000	93	22541	4.00	3.91	
134 n-Butyl acetate	43	10.685	10.682	0.003	98	47825	4.00	4.09	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	694327	50.0	50.0	
149 cis-1,4-Dichloro-2-butene	88	12.161	12.167	-0.006	0	11309	4.00	3.82	
161 Pentachloroethane	167	12.857	12.857	0.000	88	12408	4.00	3.80	
* 166 1,4-Dichlorobenzene-d4	152	13.143	13.143	0.000	96	399437	50.0	50.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

MSV_CCV_Penta_00066	Amount Added:	4.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	4.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	4.00	Units: uL
MSV_V_SMFreon_00062	Amount Added:	2.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	4.00	Units: uL

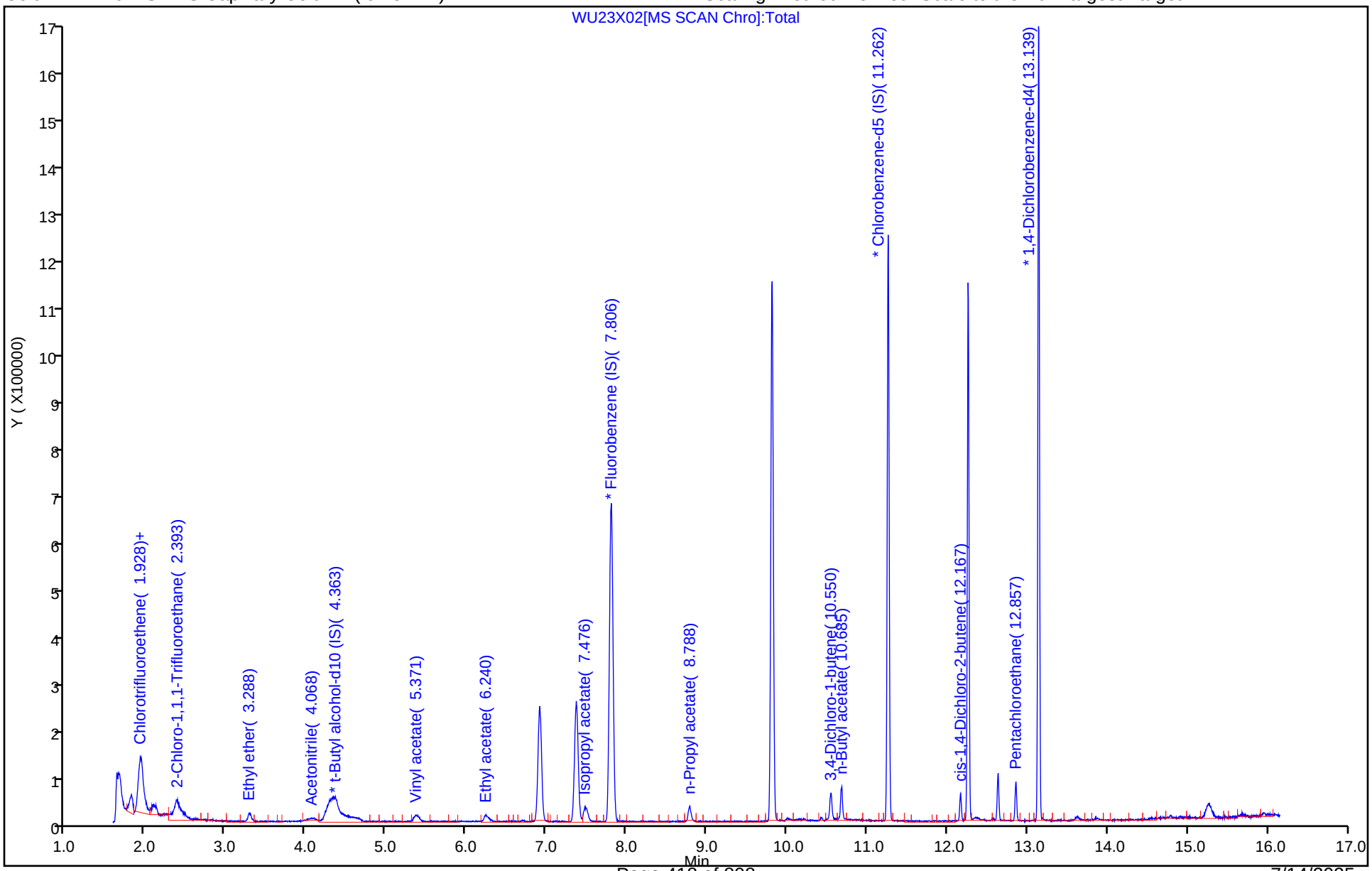
Report Date: 25-Jun-2025 08:54:22 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X02.D

Injection Date:	23-Jun-2025 15:31:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC sm v4			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X03.D
Lims ID: IC sm v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jun-2025 15:53:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-004
Misc. Info.: IC SM V10
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub38

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:25 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 24-Jun-2025 22:04:28

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.947	1.950	-0.003	87	34474	10.0	9.85	
6 Chlorodifluoromethane	51	2.001	2.001	0.000	98	102054	10.0	10.0	
10 2-Chloro-1,1,1-Trifluoroethane	118	2.390	2.387	0.003	54	88409	10.0	10.4	
16 Ethyl ether	59	3.294	3.288	0.006	91	45929	10.0	10.5	
26 Acetonitrile	41	4.081	4.065	0.016	92	88745	50.0	51.2	
* 34 t-Butyl alcohol-d10 (IS)	65	4.376	4.379	-0.003	62	361735	250.0	250.0	
40 Vinyl acetate	43	5.383	5.380	0.003	96	119913	10.0	9.86	
48 Ethyl acetate	43	6.240	6.237	0.003	98	79149	10.0	9.77	
68 Isopropyl acetate	43	7.489	7.485	0.003	98	137977	10.0	9.65	
* 73 Fluorobenzene (IS)	96	7.806	7.810	-0.004	99	997329	50.0	50.0	
84 n-Propyl acetate	61	8.785	8.782	0.003	99	30288	10.0	9.45	
89 2,3,4-Trichlorobutene	109		9.417				ND	ND	
132 3,4-Dichloro-1-butene	75	10.547	10.550	-0.003	91	57584	10.0	10.0	
134 n-Butyl acetate	43	10.681	10.682	-0.001	98	110901	10.0	9.53	
* 138 Chlorobenzene-d5 (IS)	117	11.265	11.262	0.003	86	690657	50.0	50.0	
149 cis-1,4-Dichloro-2-butene	88	12.167	12.167	0.000	0	28972	10.0	9.83	
161 Pentachloroethane	167	12.857	12.857	0.000	90	30613	10.0	9.40	
* 166 1,4-Dichlorobenzene-d4	152	13.139	13.143	-0.004	96	398036	50.0	50.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

MSV_CCV_Penta_00066	Amount Added:	2.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	2.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	2.00	Units: uL
MSV_V_SMFreon_00062	Amount Added:	1.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	2.00	Units: uL

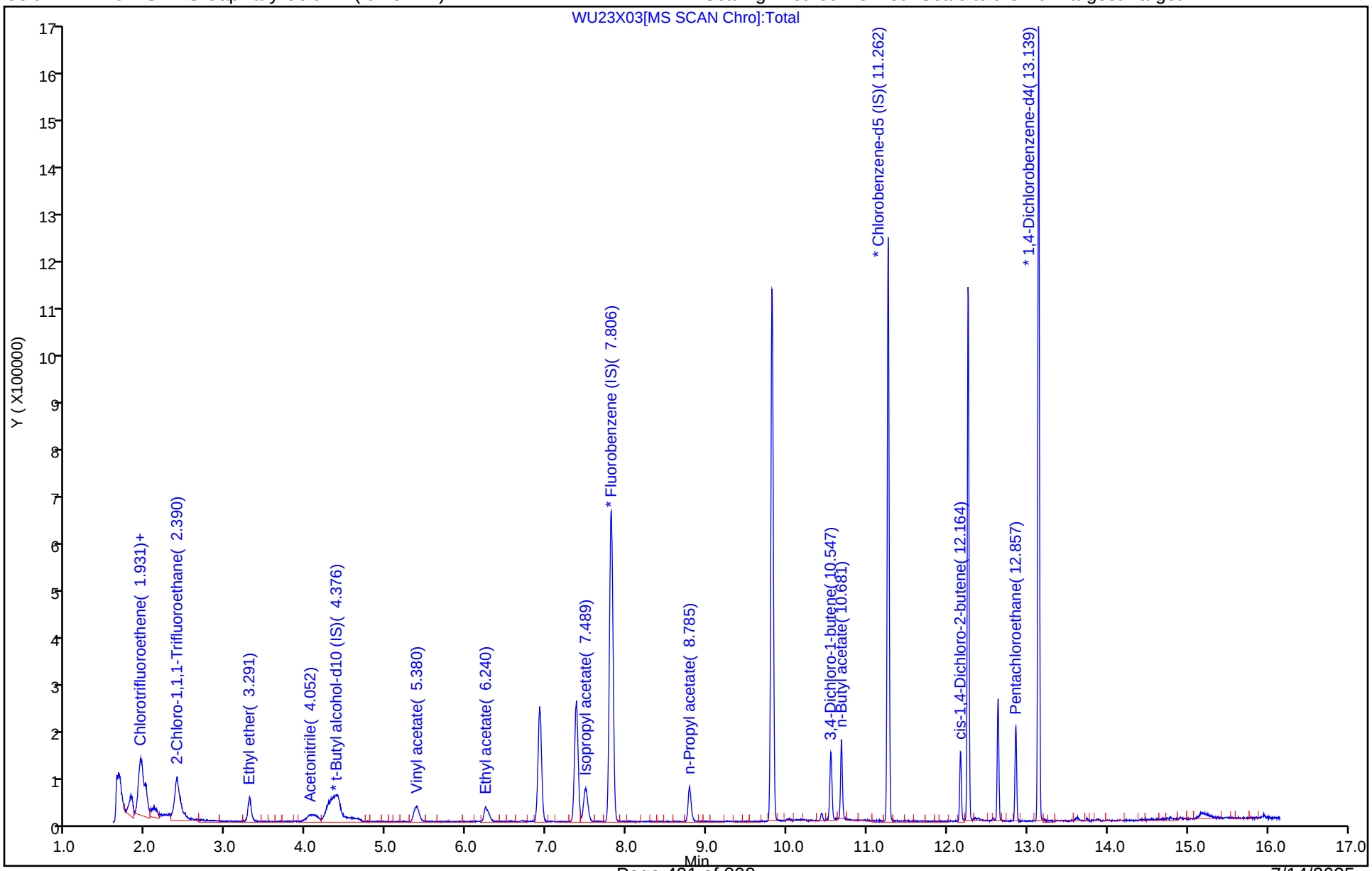
Report Date: 25-Jun-2025 08:54:25 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X03.D

Injection Date:	23-Jun-2025 15:53:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC sm v10			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X04.D
Lims ID: IC sm v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jun-2025 16:15:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-005
Misc. Info.: IC SM V20
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub38

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:28 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 24-Jun-2025 22:04:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.947	1.950	-0.003	90	70999	20.0	20.3	
6 Chlorodifluoromethane	51	1.998	2.001	-0.003	99	196776	20.0	20.3	
10 2-Chloro-1,1,1-Trifluoroethane	118	2.387	2.387	-0.001	40	168772	20.0	19.9	
16 Ethyl ether	59	3.298	3.288	0.010	93	84850	20.0	19.4	
26 Acetonitrile	41	4.097	4.065	0.032	100	162390	100.0	98.2	
* 34 t-Butyl alcohol-d10 (IS)	65	4.376	4.379	-0.003	62	344835	250.0	250.0	
40 Vinyl acetate	43	5.374	5.380	-0.006	97	238165	20.0	19.6	
48 Ethyl acetate	43	6.234	6.237	-0.003	98	157226	20.0	19.4	
68 Isopropyl acetate	43	7.485	7.485	0.000	98	279356	20.0	19.6	
* 73 Fluorobenzene (IS)	96	7.806	7.810	-0.004	99	996361	50.0	50.0	
84 n-Propyl acetate	61	8.779	8.782	-0.003	99	62057	20.0	19.4	
89 2,3,4-Trichlorobutene	109		9.417				ND	ND	
132 3,4-Dichloro-1-butene	75	10.550	10.550	0.000	91	111577	20.0	19.3	
134 n-Butyl acetate	43	10.678	10.682	-0.004	98	229382	20.0	19.6	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	695661	50.0	50.0	
149 cis-1,4-Dichloro-2-butene	88	12.167	12.167	0.000	0	57195	20.0	19.3	
161 Pentachloroethane	167	12.857	12.857	0.000	90	61871	20.0	19.0	
* 166 1,4-Dichlorobenzene-d4	152	13.143	13.143	0.000	95	397206	50.0	50.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

MSV_CCV_Penta_00066	Amount Added:	4.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	4.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	4.00	Units: uL
MSV_V_SMFreon_00062	Amount Added:	2.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	4.00	Units: uL

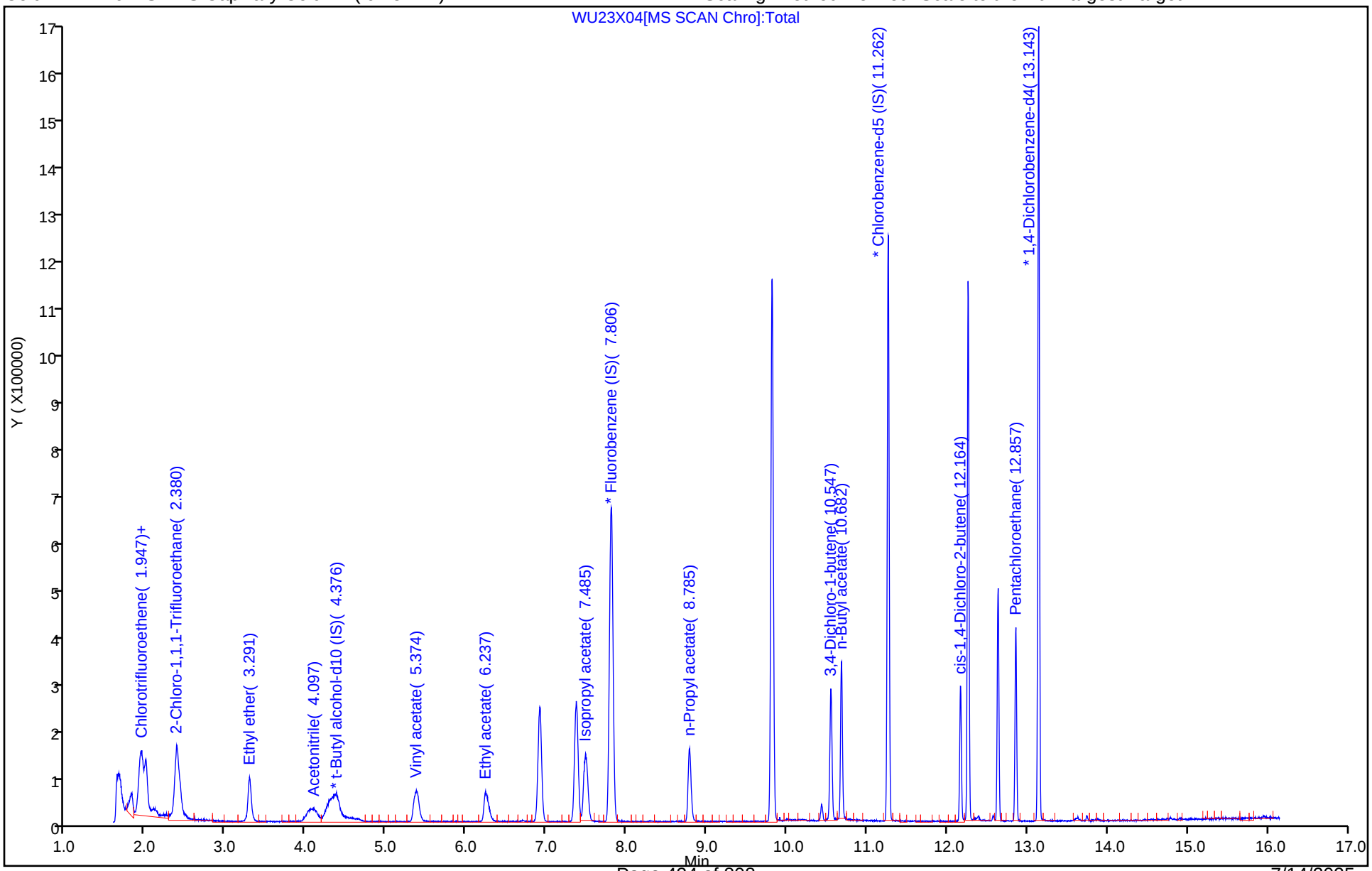
Report Date: 25-Jun-2025 08:54:29 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X04.D

Injection Date:	23-Jun-2025 16:15:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC sm v20			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X05.D
Lims ID: IC sm v50
Client ID:
Sample Type: IC Calib Level: 5
Inject. Date: 23-Jun-2025 16:37:30 ALS Bottle#: 5 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-006
Misc. Info.: IC SM V50
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub38

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:31 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 24-Jun-2025 22:04:46

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.950	1.950	0.000	92	187035	50.0	54.4	
6 Chlorodifluoromethane	51	2.001	2.001	0.000	99	509081	50.0	54.3	
10 2-Chloro-1,1,1-Trifluoroethane	118	2.387	2.387	0.000	72	433764	50.0	51.8	
16 Ethyl ether	59	3.288	3.288	0.000	91	219201	50.0	51.0	
26 Acetonitrile	41	4.065	4.065	0.000	97	362959	250.0	227.1	
* 34 t-Butyl alcohol-d10 (IS)	65	4.379	4.379	0.000	7	333297	250.0	250.0	
40 Vinyl acetate	43	5.380	5.380	0.000	97	596671	50.0	49.9	
48 Ethyl acetate	43	6.237	6.237	0.000	99	382055	50.0	47.9	
68 Isopropyl acetate	43	7.485	7.485	0.000	98	686295	50.0	48.8	
* 73 Fluorobenzene (IS)	96	7.810	7.810	0.000	99	980695	50.0	50.0	
84 n-Propyl acetate	61	8.782	8.782	0.000	98	156833	50.0	49.8	
89 2,3,4-Trichlorobutene	109		9.417				ND	ND	
132 3,4-Dichloro-1-butene	75	10.550	10.550	0.000	92	289264	50.0	50.7	
134 n-Butyl acetate	43	10.682	10.682	0.000	98	586678	50.0	50.6	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	688269	50.0	50.0	
149 cis-1,4-Dichloro-2-butene	88	12.167	12.167	0.000	0	148820	50.0	50.7	
161 Pentachloroethane	167	12.857	12.857	0.000	91	171191	50.0	53.2	
* 166 1,4-Dichlorobenzene-d4	152	13.143	13.143	0.000	95	393351	50.0	50.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

MSV_CCV_Penta_00066	Amount Added:	5.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	5.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	5.00	Units: uL
MSV_V_SMFreon_00062	Amount Added:	2.50	Units: uL
MSV_CCV_EE_00009	Amount Added:	5.00	Units: uL

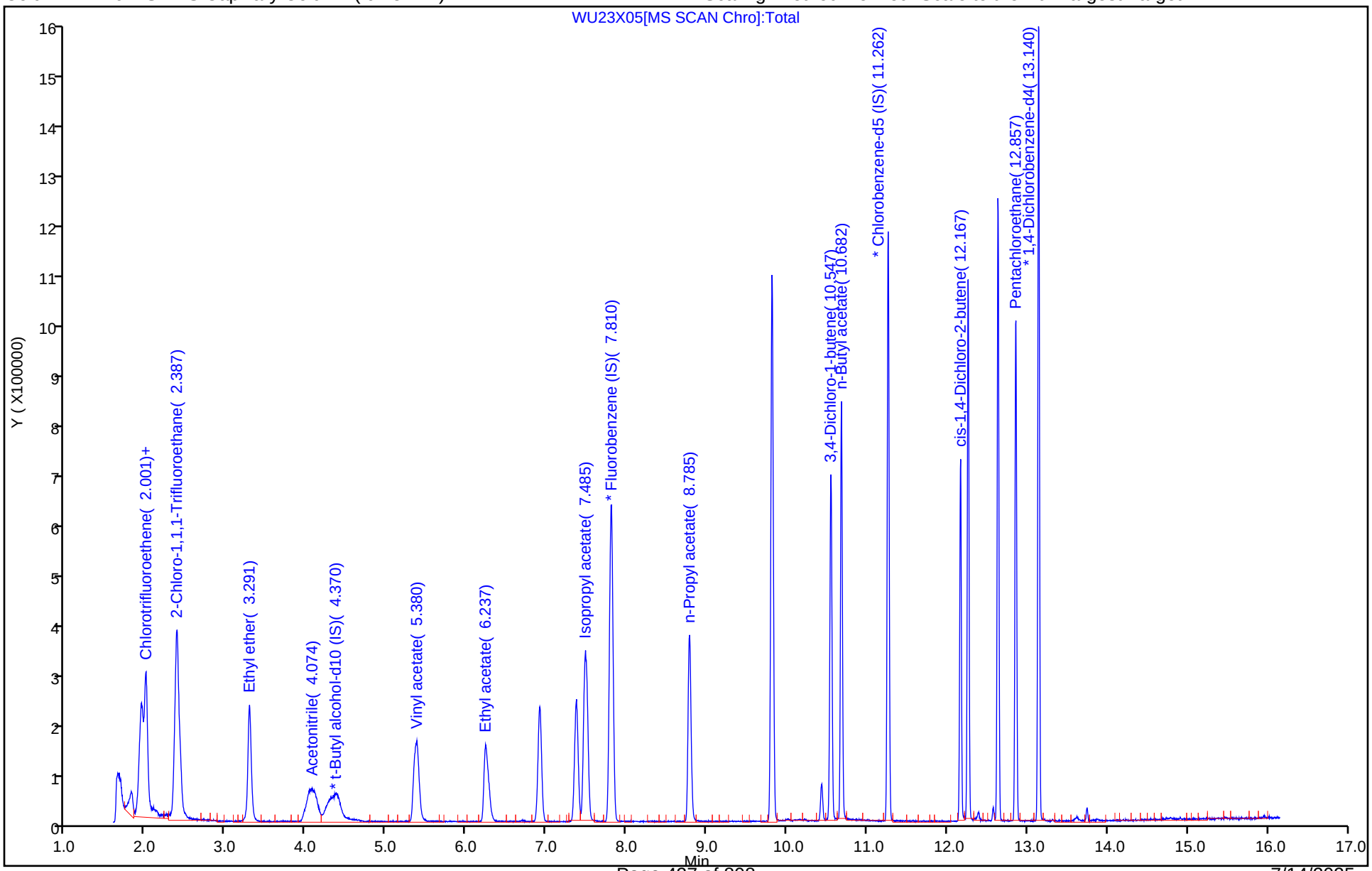
Report Date: 25-Jun-2025 08:54:31 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X05.D

Injection Date:	23-Jun-2025 16:37:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC sm v50			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	5
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X06.D
Lims ID: IC sm v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jun-2025 17:00:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-007
Misc. Info.: IC SM V100
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub38

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:35 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 24-Jun-2025 22:04:59

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.950	1.950	0.000	93	365144	100.0	105.9	
6 Chlorodifluoromethane	51	1.998	2.001	-0.003	99	1001550	100.0	95.3	
10 2-Chloro-1,1,1-Trifluoroethane	118	2.383	2.387	-0.004	61	861499	100.0	102.7	
16 Ethyl ether	59	3.291	3.288	0.003	91	451980	100.0	104.9	
26 Acetonitrile	41	4.077	4.065	0.012	99	825625	500.0	460.6	
* 34 t-Butyl alcohol-d10 (IS)	65	4.386	4.379	0.007	17	373733	250.0	250.0	
40 Vinyl acetate	43	5.374	5.380	-0.006	97	1241388	100.0	103.6	
48 Ethyl acetate	43	6.240	6.237	0.003	99	822119	100.0	102.9	
68 Isopropyl acetate	43	7.485	7.485	0.000	98	1485808	100.0	105.5	
* 73 Fluorobenzene (IS)	96	7.803	7.810	-0.007	99	982732	50.0	50.0	
84 n-Propyl acetate	61	8.782	8.782	0.000	98	338568	100.0	107.2	
89 2,3,4-Trichlorobutene	109		9.417				ND	ND	
132 3,4-Dichloro-1-butene	75	10.550	10.550	0.000	92	582037	100.0	101.3	
134 n-Butyl acetate	43	10.678	10.682	-0.004	98	1236960	100.0	105.9	
* 138 Chlorobenzene-d5 (IS)	117	11.265	11.262	0.003	86	692747	50.0	50.0	
149 cis-1,4-Dichloro-2-butene	88	12.167	12.167	0.000	0	307205	100.0	103.9	
161 Pentachloroethane	167	12.857	12.857	0.000	92	336866	100.0	105.7	
* 166 1,4-Dichlorobenzene-d4	152	13.143	13.143	0.000	96	389694	50.0	50.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

MSV_CCV_Penta_00066	Amount Added:	5.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	5.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_CCV_LKB_00013	Amount Added:	5.00	Units: uL
MSV_V_SMFreon_00062	Amount Added:	2.50	Units: uL
MSV_CCV_EE_00009	Amount Added:	5.00	Units: uL

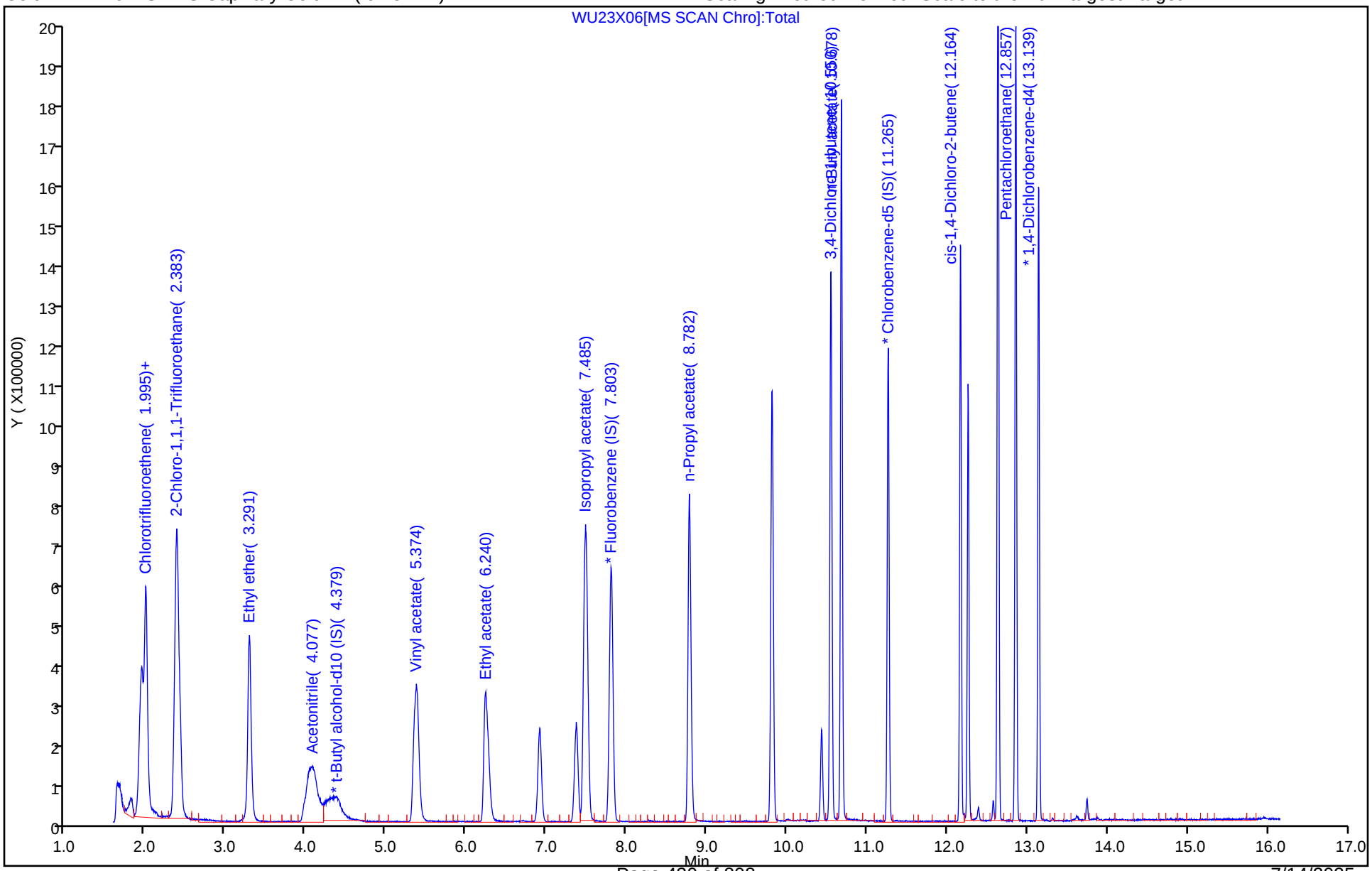
Report Date: 25-Jun-2025 08:54:36 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X06.D

Injection Date:	23-Jun-2025 17:00:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC sm v100			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X07.D
Lims ID: IC sm v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Jun-2025 17:22:30 ALS Bottle#: 7 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-008
Misc. Info.: IC SM V300
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub38

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:38 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 24-Jun-2025 22:05:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
4 Chlorotrifluoroethene	116	1.944	1.950	-0.006	94	992826	300.0	287.0	
6 Chlorodifluoromethane	51	1.998	2.001	-0.003	99	2788058	300.0	285.9	
10 2-Chloro-1,1,1-Trifluoroethane	118	2.383	2.387	-0.004	97	2374737	300.0	282.2	
16 Ethyl ether	59	3.288	3.288	0.000	91	1266741	300.1	293.0	
26 Acetonitrile	41	4.045	4.065	-0.020	100	2233715	1500.0	1342.3	
* 34 t-Butyl alcohol-d10 (IS)	65	4.382	4.379	0.003	62	346962	250.0	250.0	
40 Vinyl acetate	43	5.374	5.380	-0.006	97	3426632	300.0	285.0	
48 Ethyl acetate	43	6.234	6.237	-0.003	99	2333269	300.0	291.1	
68 Isopropyl acetate	43	7.482	7.485	-0.003	98	4192695	300.0	296.6	
* 73 Fluorobenzene (IS)	96	7.810	7.810	0.000	99	986205	50.0	50.0	
84 n-Propyl acetate	61	8.782	8.782	0.000	98	985805	300.0	311.1	
89 2,3,4-Trichlorobutene	109		9.417				ND	ND	
132 3,4-Dichloro-1-butene	75	10.547	10.550	-0.003	93	1819245	299.9	306.8	
134 n-Butyl acetate	43	10.678	10.682	-0.004	98	3529341	300.0	293.0	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	714770	50.0	50.0	
149 cis-1,4-Dichloro-2-butene	88	12.164	12.167	-0.003	0	956934	299.9	313.7	
161 Pentachloroethane	167	12.857	12.857	0.000	93	999165	300.0	311.5	
* 166 1,4-Dichlorobenzene-d4	152	13.140	13.143	-0.003	96	392042	50.0	50.0	

QC Flag Legend

Processing Flags
ND - Not Detected or Marked ND

Reagents:

MSV_CCV_Penta_00066	Amount Added:	15.00	Units: uL
MSV_CCV_V5ACE_00050	Amount Added:	15.00	Units: uL
MSV_Cent_ISO_00011	Amount Added:	5.00	Units: uL
MSV_V_SMFreon_00062	Amount Added:	7.50	Units: uL
MSV_CCV_LKB_00013	Amount Added:	15.00	Units: uL
MSV_CCV_EE_00009	Amount Added:	15.00	Units: uL

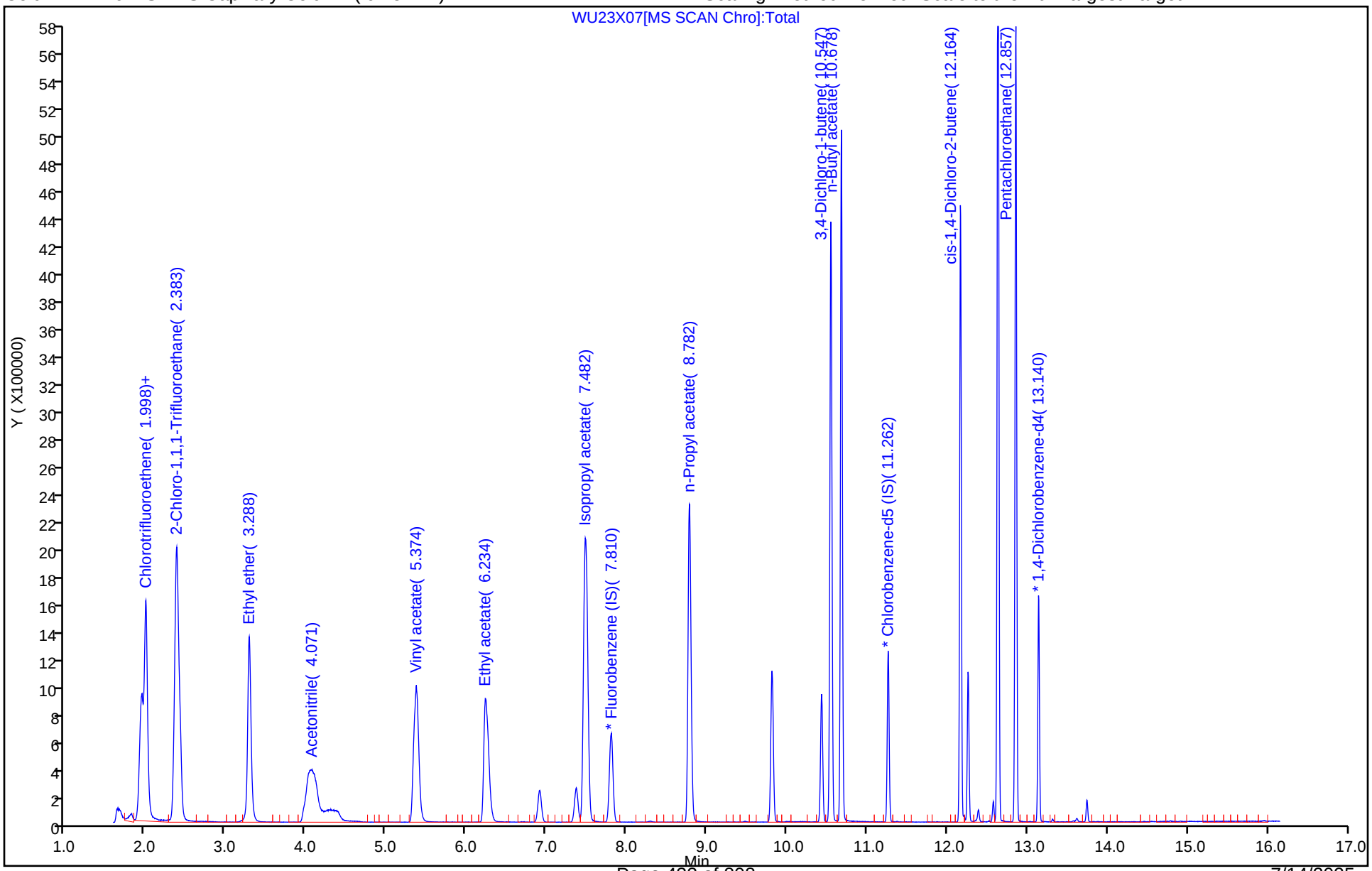
Report Date: 25-Jun-2025 08:54:39 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X07.D

Injection Date:	23-Jun-2025 17:22:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC sm v300			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



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Calibration / Chlorotrifluoroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

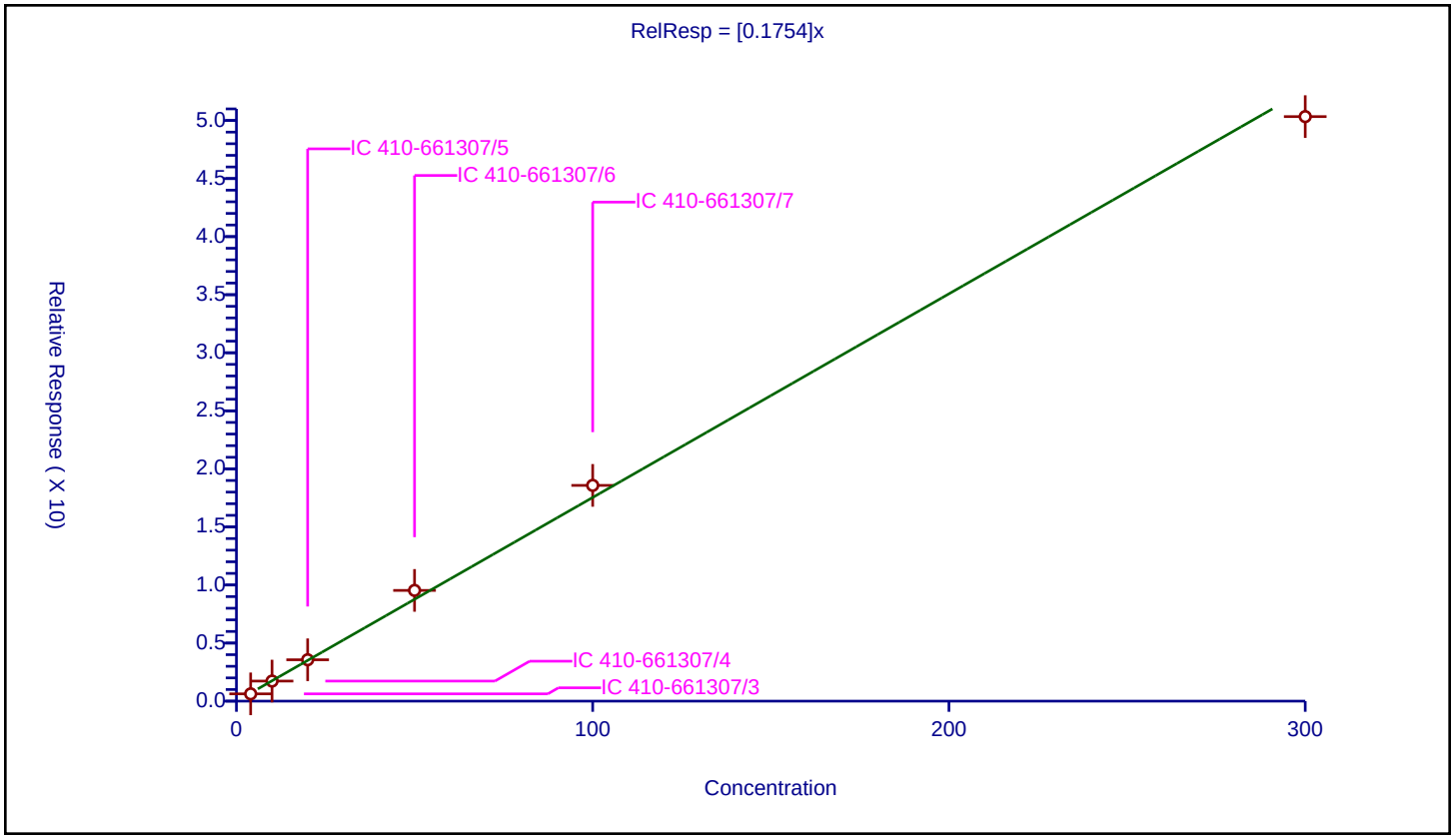
Curve Coefficients

Intercept:	0
Slope:	0.1754

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	0.628067	50.0	999256.0	0.157017	Y
2	IC 410-661307/4	10.0	1.728316	50.0	997329.0	0.172832	Y
3	IC 410-661307/5	20.0	3.562915	50.0	996361.0	0.178146	Y
4	IC 410-661307/6	50.0	9.535839	50.0	980695.0	0.190717	Y
5	IC 410-661307/7	100.0	18.578005	50.0	982732.0	0.18578	Y
6	IC 410-661307/8	300.0	50.335681	50.0	986205.0	0.167786	Y



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Calibration / Chlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

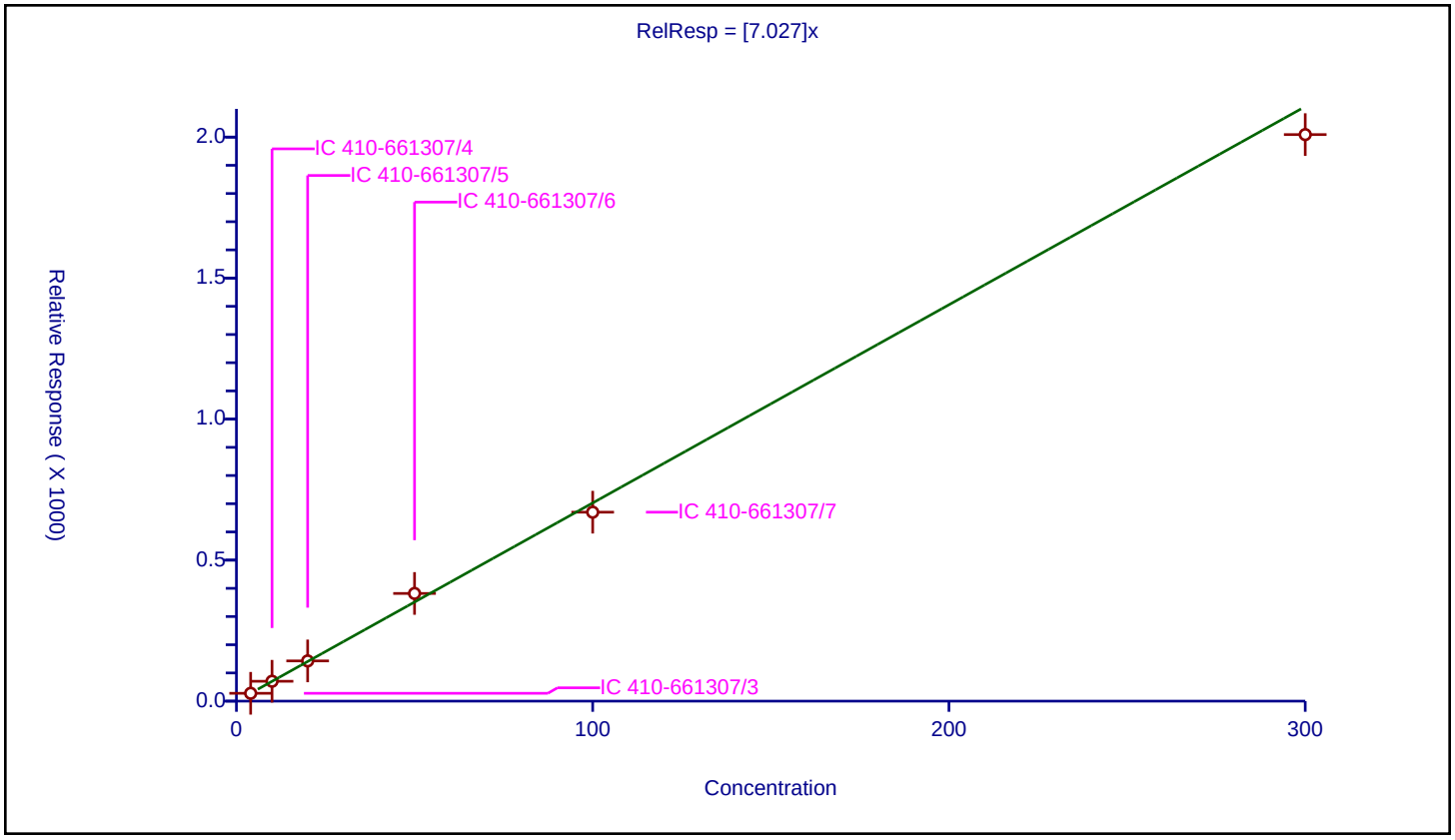
Curve Coefficients

Intercept:	0
Slope:	7.027

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	27.776478	250.0	342016.0	6.94412	Y
2	IC 410-661307/4	10.0	70.530914	250.0	361735.0	7.053091	Y
3	IC 410-661307/5	20.0	142.659533	250.0	344835.0	7.132977	Y
4	IC 410-661307/6	50.0	381.852372	250.0	333297.0	7.637047	Y
5	IC 410-661307/7	100.0	669.963584	250.0	373733.0	6.699636	Y
6	IC 410-661307/8	300.0	2008.907315	250.0	346962.0	6.696358	Y



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Calibration / 2-Chloro-1,1,1-Trifluoroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

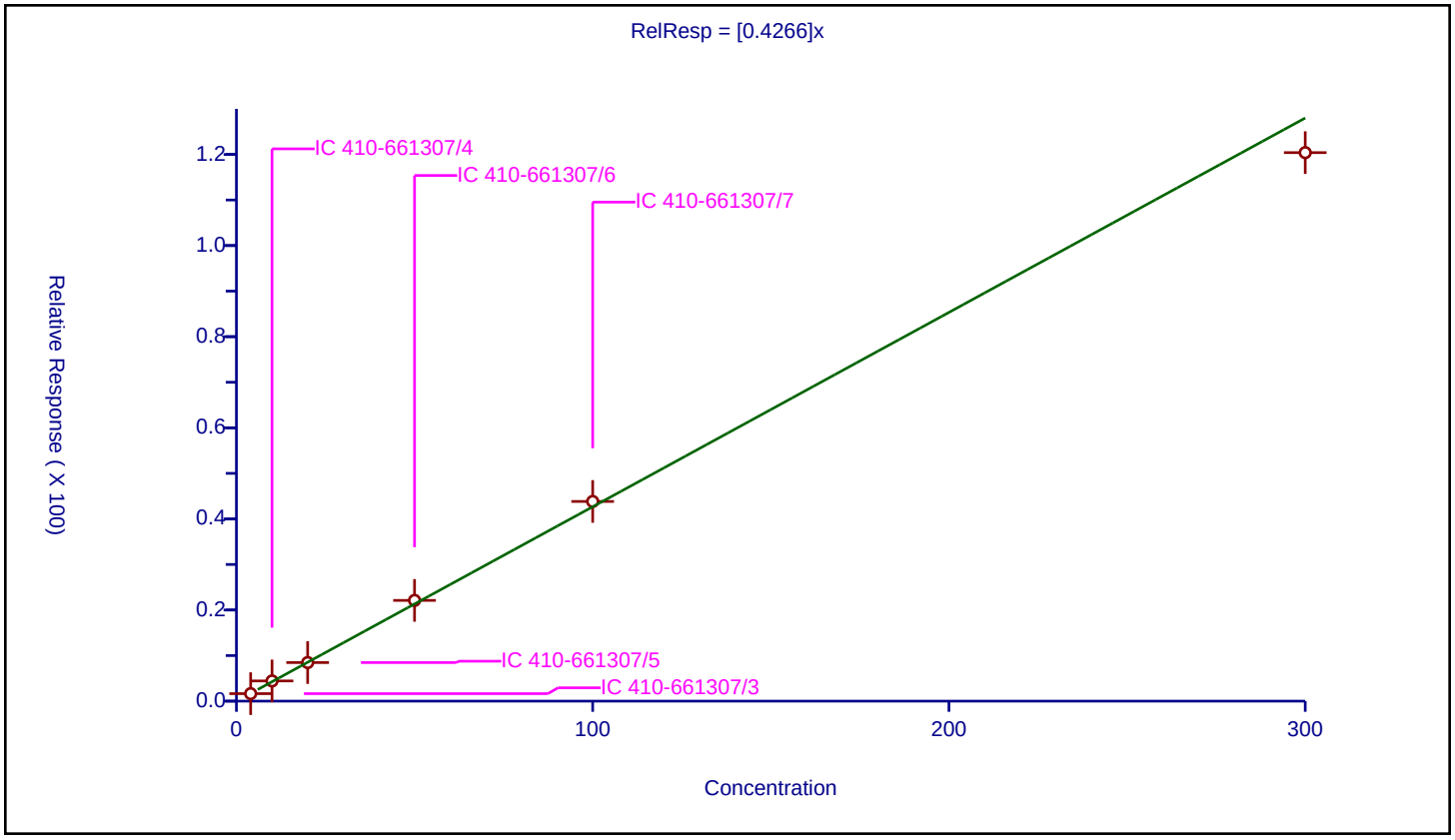
Curve Coefficients

Intercept:	0
Slope:	0.4266

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	1.644924	50.0	999256.0	0.411231	Y
2	IC 410-661307/4	10.0	4.432289	50.0	997329.0	0.443229	Y
3	IC 410-661307/5	20.0	8.46942	50.0	996361.0	0.423471	Y
4	IC 410-661307/6	50.0	22.115133	50.0	980695.0	0.442303	Y
5	IC 410-661307/7	100.0	43.831838	50.0	982732.0	0.438318	Y
6	IC 410-661307/8	300.0	120.397737	50.0	986205.0	0.401326	Y



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Calibration / Ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

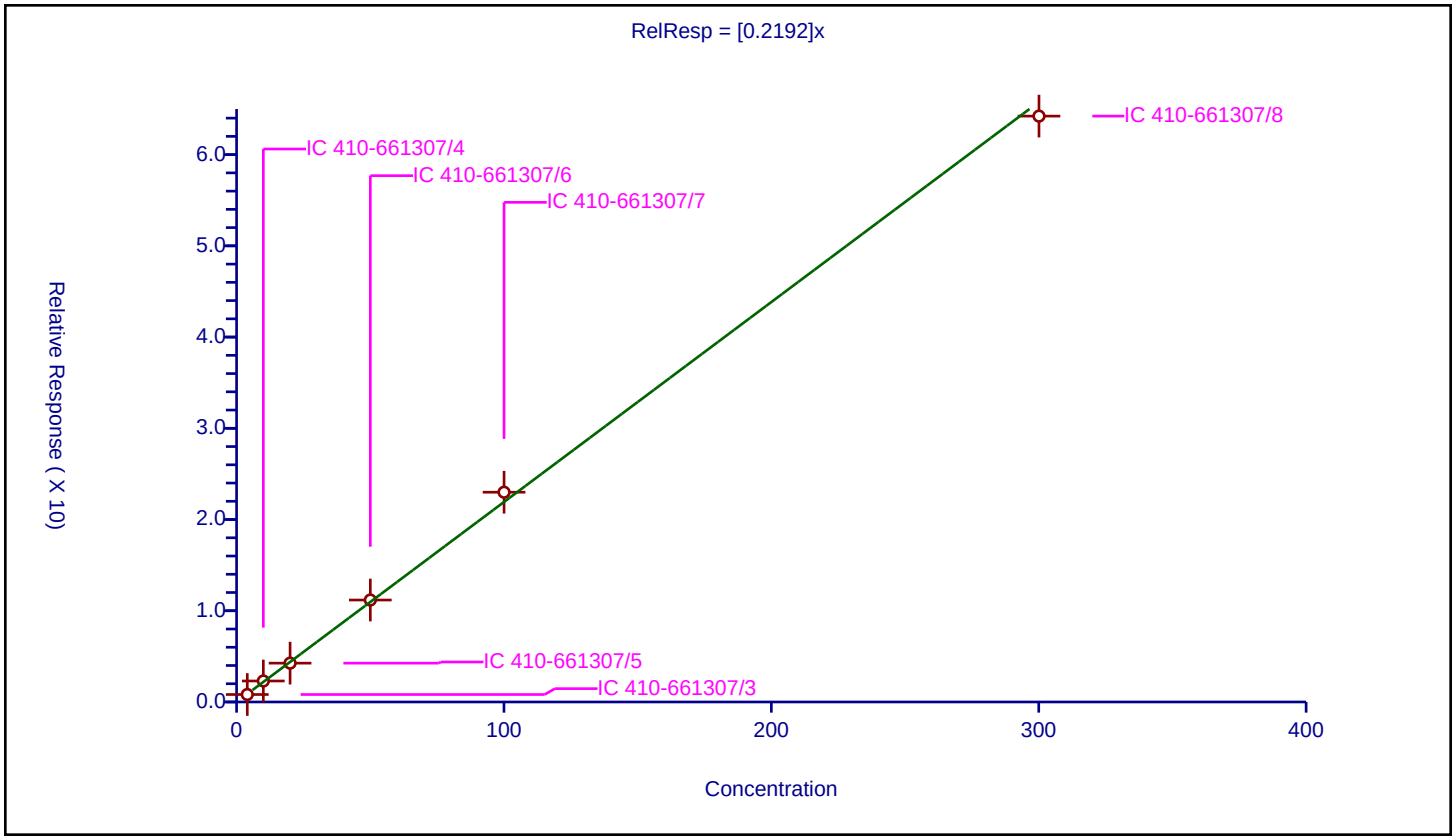
Curve Coefficients

Intercept:	0
Slope:	0.2192

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.001328	0.81966	50.0	999256.0	0.204847	Y
2	IC 410-661307/4	10.00332	2.3026	50.0	997329.0	0.230184	Y
3	IC 410-661307/5	20.00664	4.257995	50.0	996361.0	0.212829	Y
4	IC 410-661307/6	50.0166	11.175799	50.0	980695.0	0.223442	Y
5	IC 410-661307/7	100.0332	22.996097	50.0	982732.0	0.229885	Y
6	IC 410-661307/8	300.0996	64.223006	50.0	986205.0	0.214006	Y



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Calibration / Acetonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

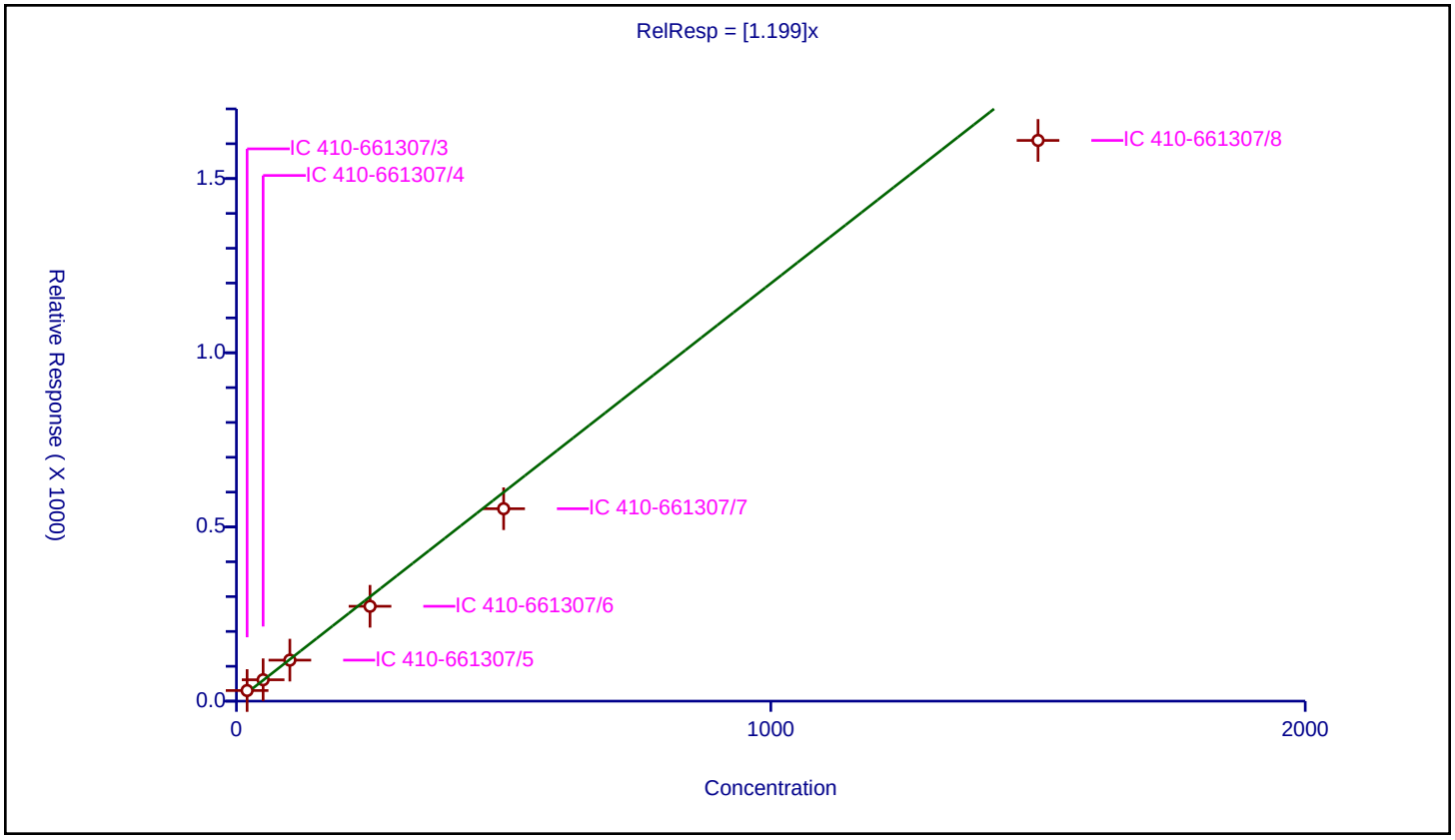
Curve Coefficients

Intercept:	0
Slope:	1.199

Error Coefficients

Relative Standard Deviation:	14.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	20.0	30.476644	250.0	342016.0	1.523832	Y
2	IC 410-661307/4	50.0	61.332882	250.0	361735.0	1.226658	Y
3	IC 410-661307/5	100.0	117.730219	250.0	344835.0	1.177302	Y
4	IC 410-661307/6	250.0	272.248925	250.0	333297.0	1.088996	Y
5	IC 410-661307/7	500.0	552.282646	250.0	373733.0	1.104565	Y
6	IC 410-661307/8	1500.0	1609.481009	250.0	346962.0	1.072987	Y



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Calibration / Vinyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

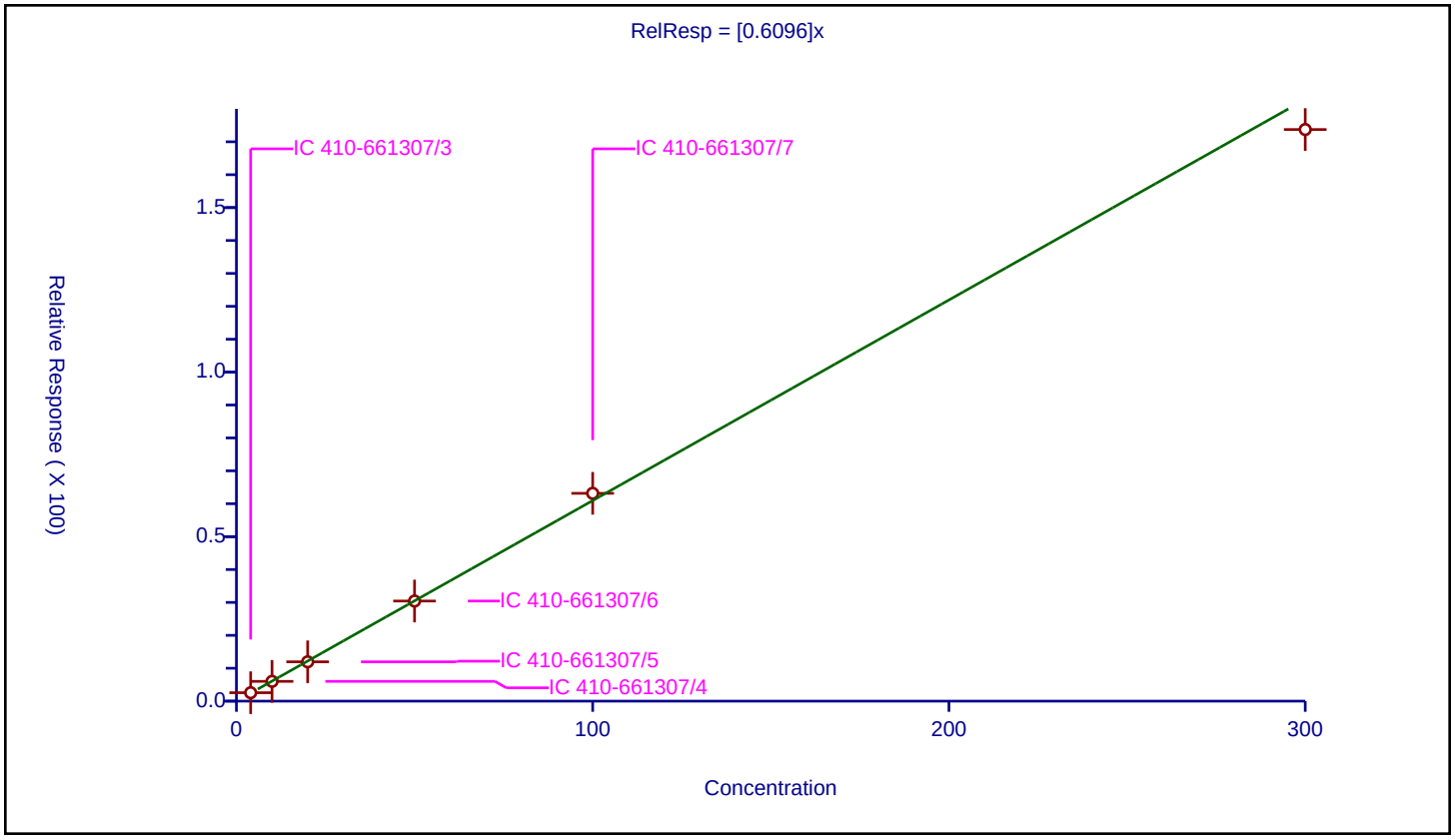
Curve Coefficients

Intercept:	0
Slope:	0.6096

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	2.559504	50.0	999256.0	0.639876	Y
2	IC 410-661307/4	10.0	6.011707	50.0	997329.0	0.601171	Y
3	IC 410-661307/5	20.0	11.951742	50.0	996361.0	0.597587	Y
4	IC 410-661307/6	50.0	30.420824	50.0	980695.0	0.608416	Y
5	IC 410-661307/7	100.0	63.160048	50.0	982732.0	0.6316	Y
6	IC 410-661307/8	300.0	173.72818	50.0	986205.0	0.579094	Y



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Calibration / Ethyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

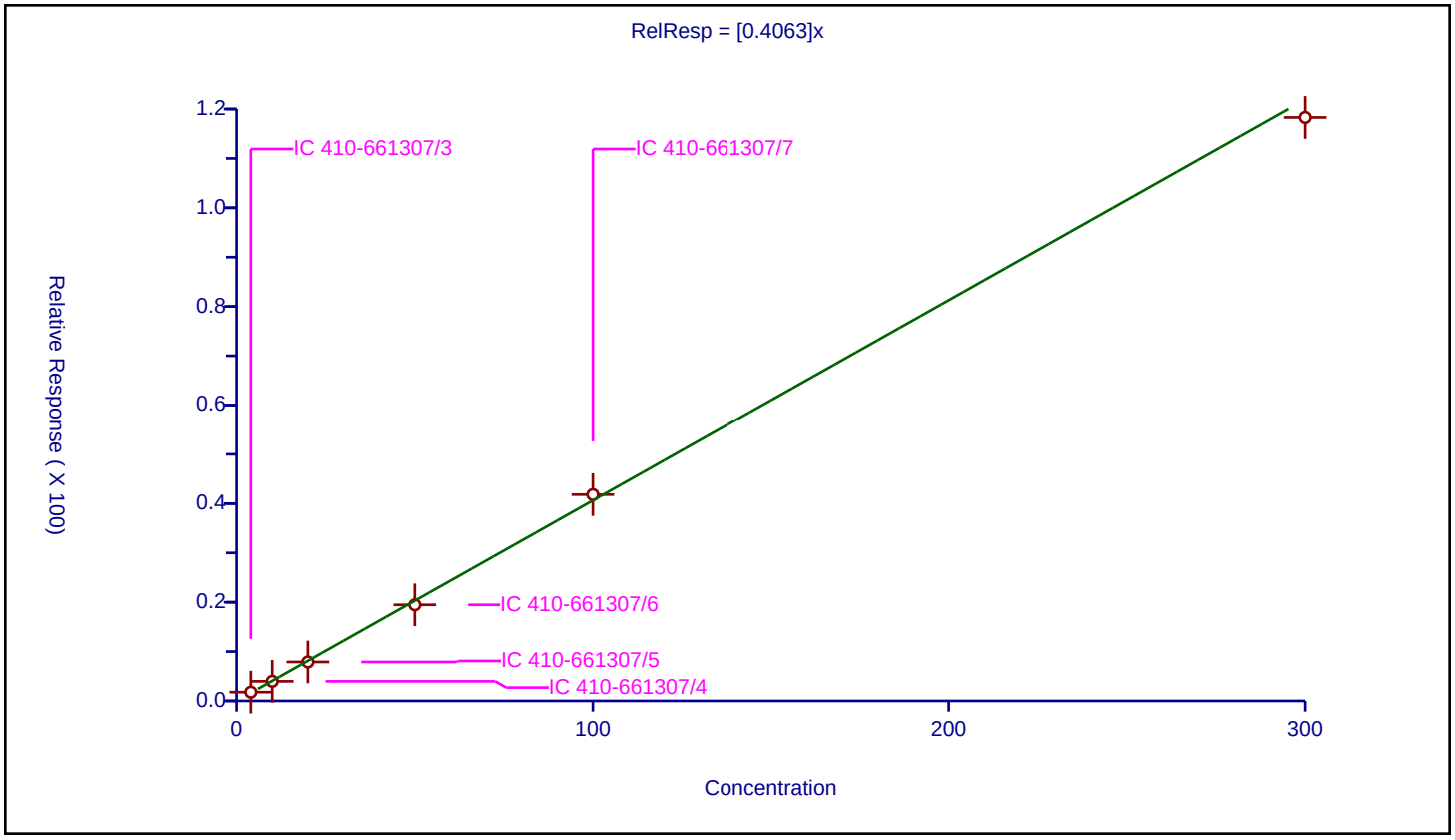
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	1.778273	50.0	999256.0	0.444568	Y
2	IC 410-661307/4	10.0	3.968049	50.0	997329.0	0.396805	Y
3	IC 410-661307/5	20.0	7.890012	50.0	996361.0	0.394501	Y
4	IC 410-661307/6	50.0	19.478788	50.0	980695.0	0.389576	Y
5	IC 410-661307/7	100.0	41.82824	50.0	982732.0	0.418282	Y
6	IC 410-661307/8	300.0	118.295334	50.0	986205.0	0.394318	Y



Calibration / Isopropyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

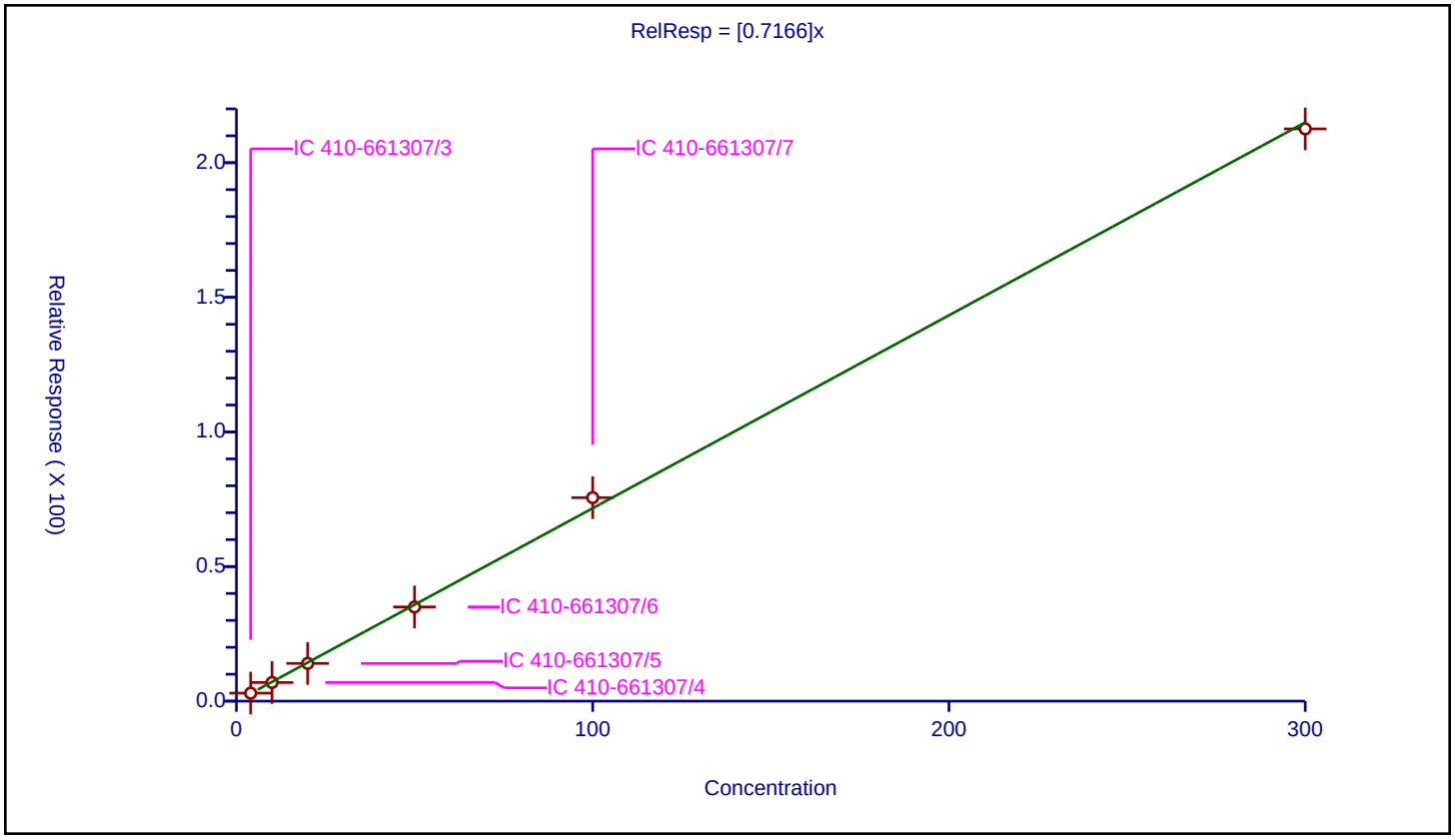
Curve Coefficients

Intercept:	0
Slope:	0.7166

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	2.969559	50.0	999256.0	0.74239	Y
2	IC 410-661307/4	10.0	6.917326	50.0	997329.0	0.691733	Y
3	IC 410-661307/5	20.0	14.018814	50.0	996361.0	0.700941	Y
4	IC 410-661307/6	50.0	34.990237	50.0	980695.0	0.699805	Y
5	IC 410-661307/7	100.0	75.595788	50.0	982732.0	0.755958	Y
6	IC 410-661307/8	300.0	212.567113	50.0	986205.0	0.708557	Y



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Calibration / n-Propyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

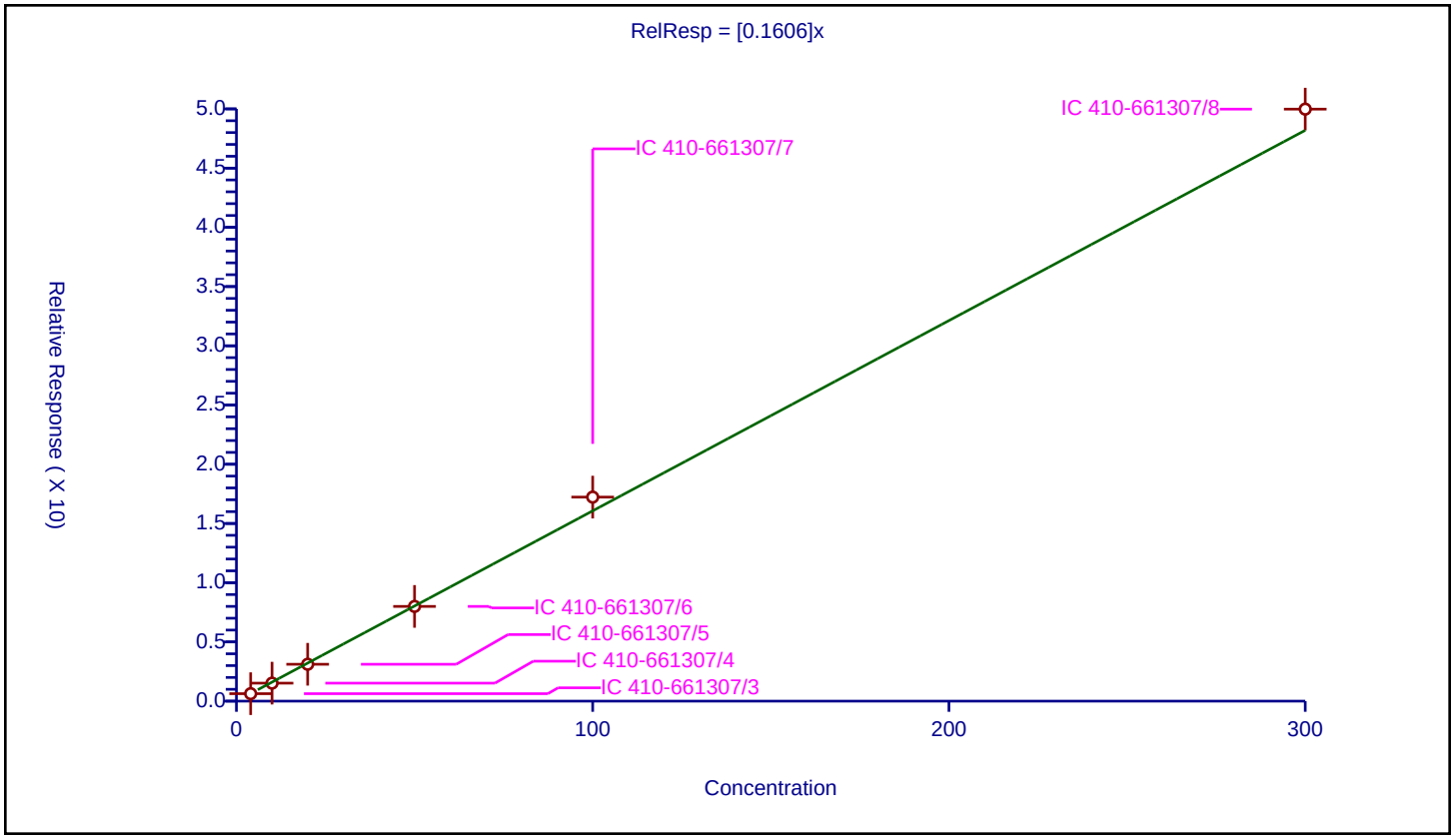
Curve Coefficients

Intercept:	0
Slope:	0.1606

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	0.630069	50.0	999256.0	0.157517	Y
2	IC 410-661307/4	10.0	1.518456	50.0	997329.0	0.151846	Y
3	IC 410-661307/5	20.0	3.114183	50.0	996361.0	0.155709	Y
4	IC 410-661307/6	50.0	7.996013	50.0	980695.0	0.15992	Y
5	IC 410-661307/7	100.0	17.225856	50.0	982732.0	0.172259	Y
6	IC 410-661307/8	300.0	49.97972	50.0	986205.0	0.166599	Y



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Calibration / 3,4-Dichloro-1-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

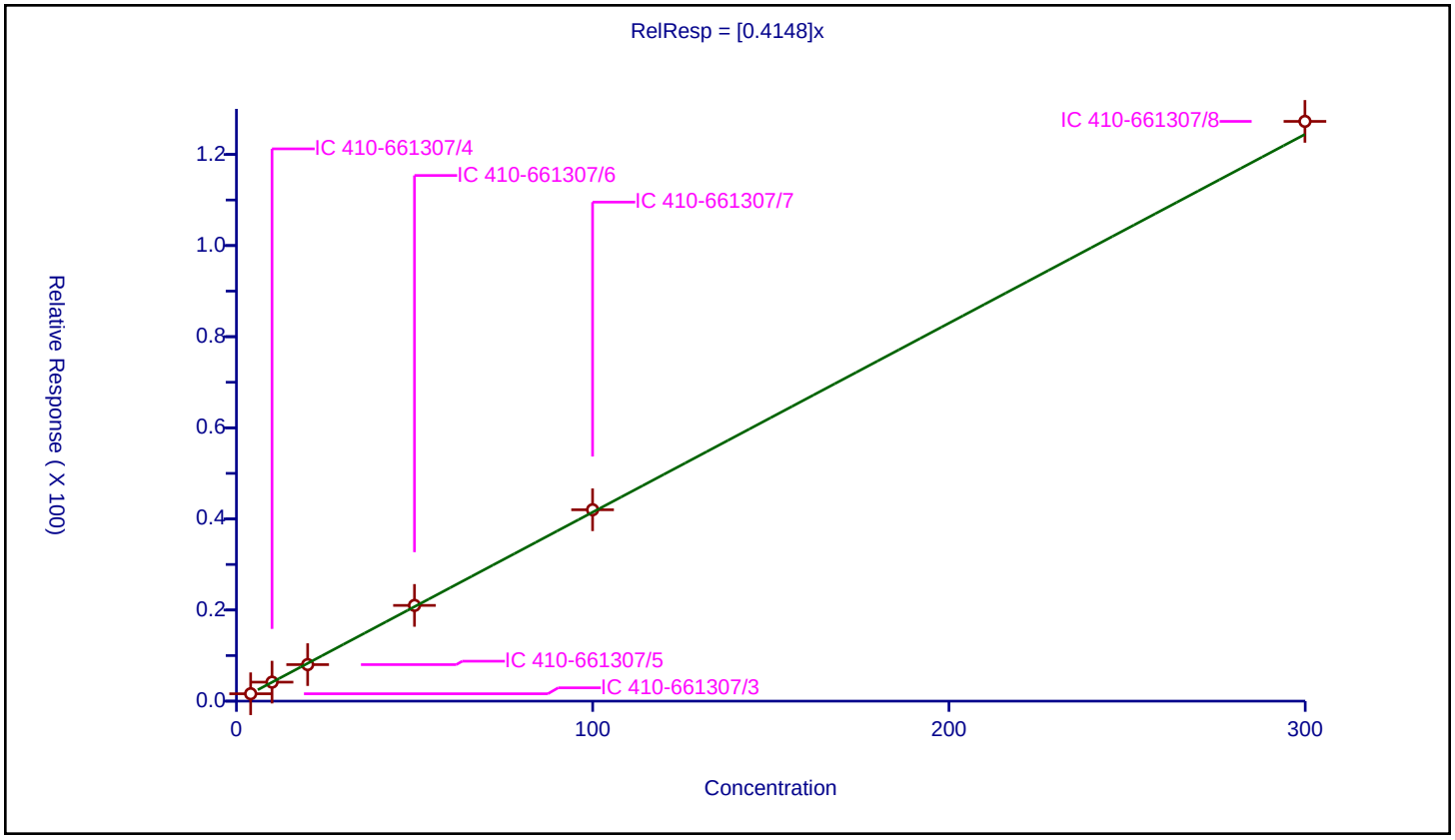
Curve Coefficients

Intercept:	0
Slope:	0.4148

Error Coefficients

Relative Standard Deviation:	2.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	3.99894	1.623227	50.0	694327.0	0.405914	Y
2	IC 410-661307/4	9.99735	4.168784	50.0	690657.0	0.416989	Y
3	IC 410-661307/5	19.9947	8.019495	50.0	695661.0	0.401081	Y
4	IC 410-661307/6	49.98675	21.013877	50.0	688269.0	0.420389	Y
5	IC 410-661307/7	99.9735	42.009348	50.0	692747.0	0.420205	Y
6	IC 410-661307/8	299.9205	127.260867	50.0	714770.0	0.424315	Y



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Calibration / n-Butyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

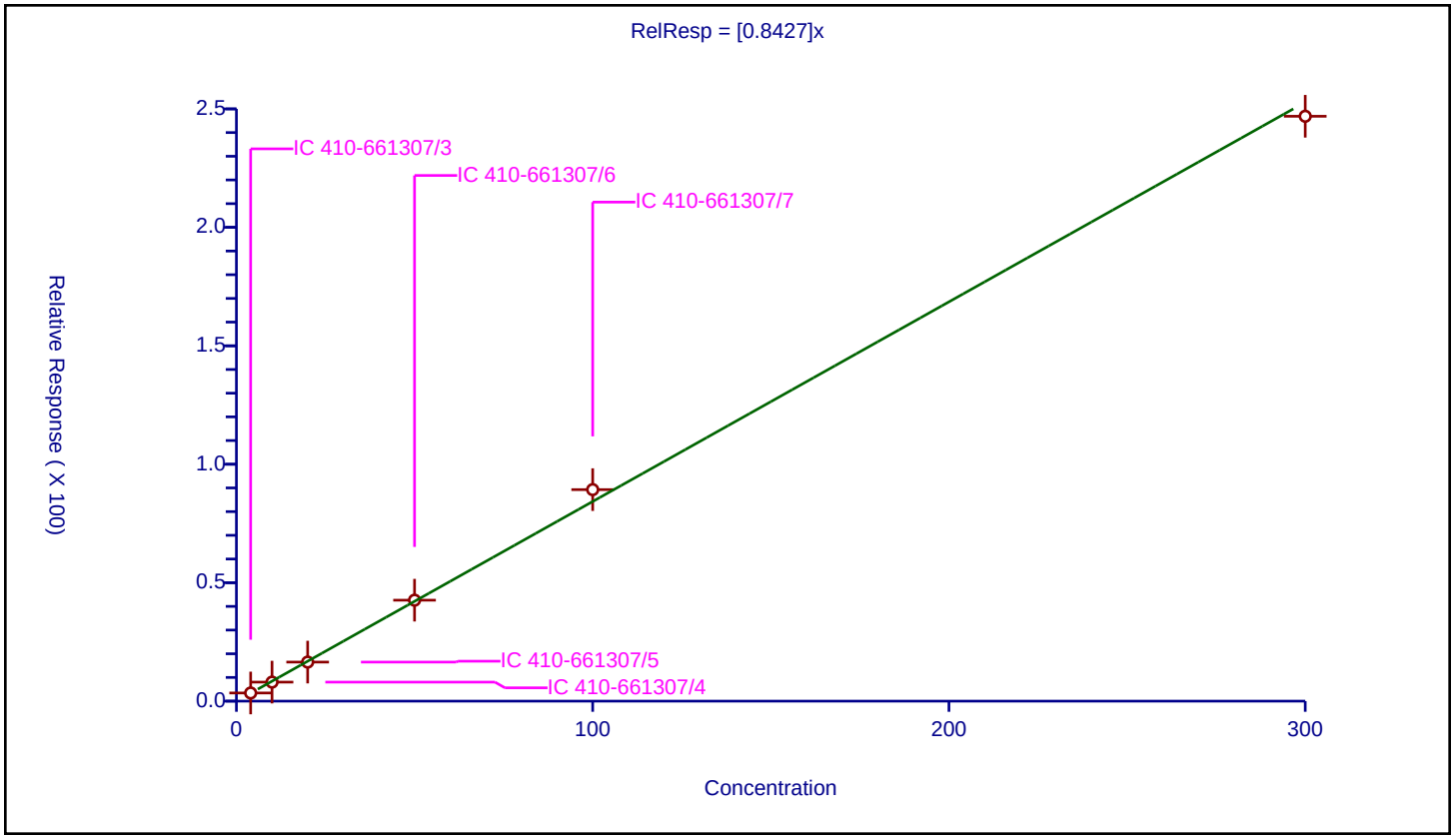
Curve Coefficients

Intercept:	0
Slope:	0.8427

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	3.443982	50.0	694327.0	0.860996	Y
2	IC 410-661307/4	10.0	8.02866	50.0	690657.0	0.802866	Y
3	IC 410-661307/5	20.0	16.486622	50.0	695661.0	0.824331	Y
4	IC 410-661307/6	50.0	42.619819	50.0	688269.0	0.852396	Y
5	IC 410-661307/7	100.0	89.279347	50.0	692747.0	0.892793	Y
6	IC 410-661307/8	300.0	246.886481	50.0	714770.0	0.822955	Y



Calibration / cis-1,4-Dichloro-2-butene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

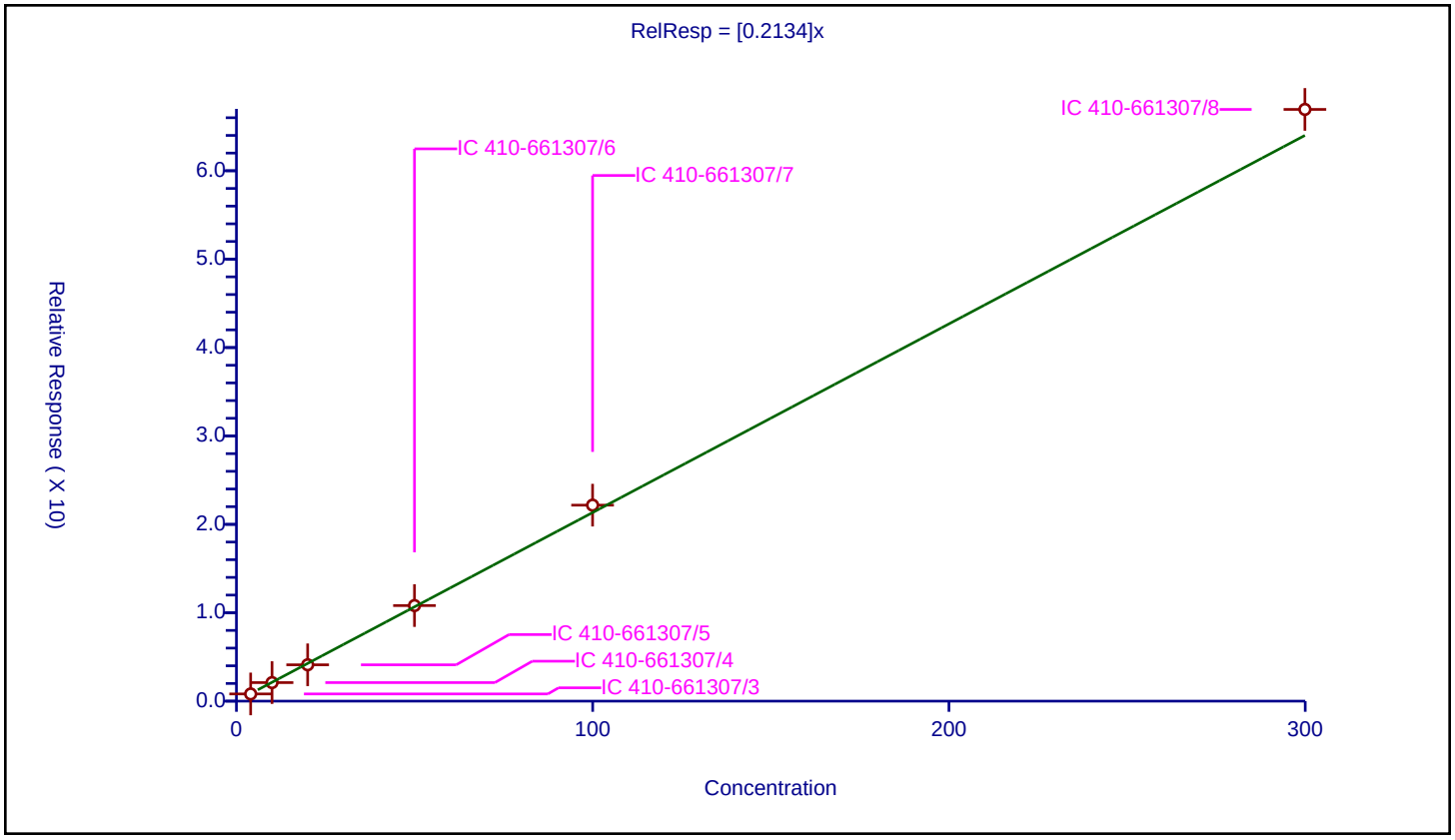
Curve Coefficients

Intercept:	0
Slope:	0.2134

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	3.998831	0.814386	50.0	694327.0	0.203656	Y
2	IC 410-661307/4	9.997078	2.097423	50.0	690657.0	0.209804	Y
3	IC 410-661307/5	19.994156	4.110838	50.0	695661.0	0.205602	Y
4	IC 410-661307/6	49.98539	10.81118	50.0	688269.0	0.216287	Y
5	IC 410-661307/7	99.97078	22.172958	50.0	692747.0	0.221794	Y
6	IC 410-661307/8	299.91234	66.939995	50.0	714770.0	0.223199	Y



Calibration / Pentachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

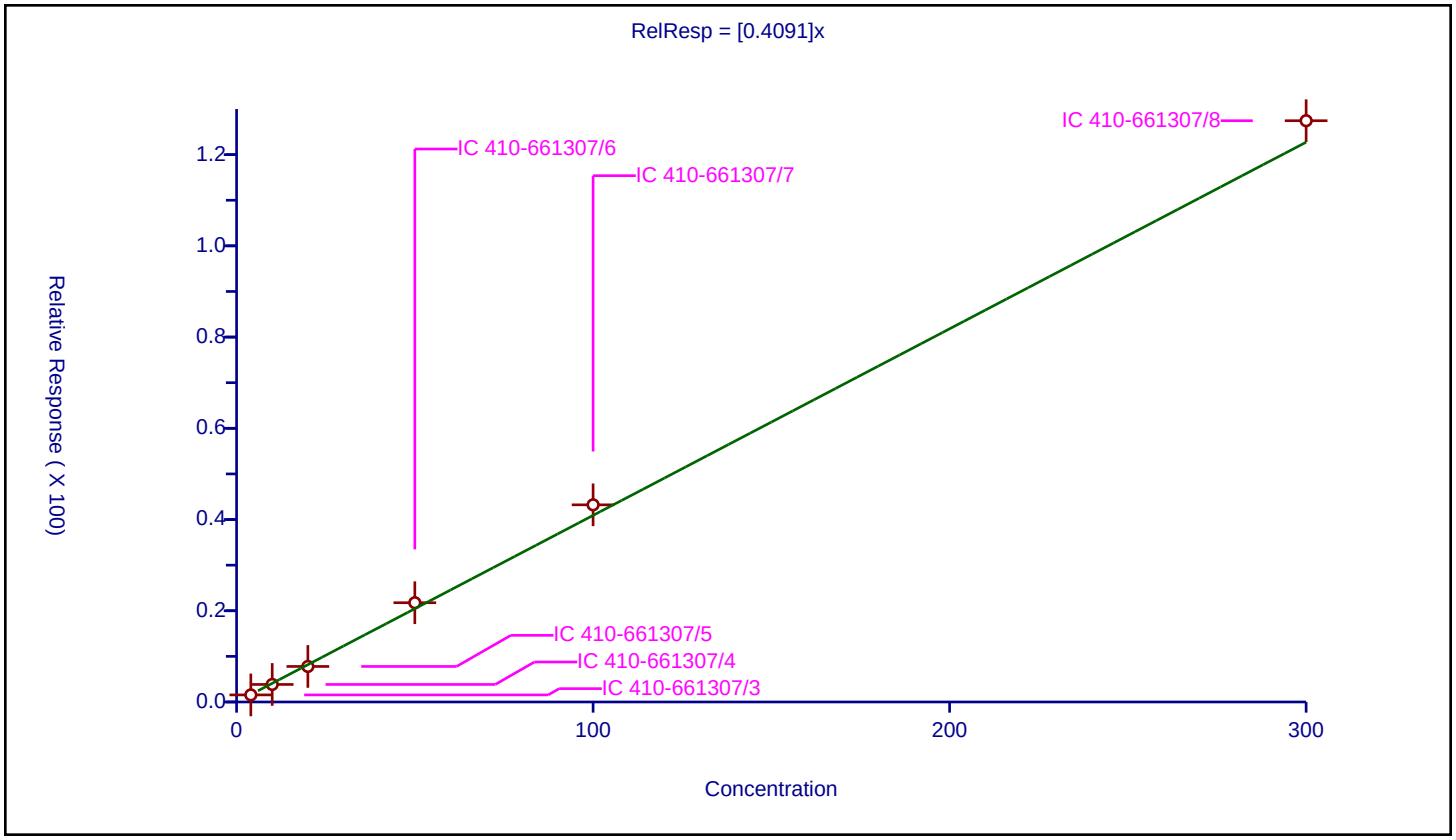
Curve Coefficients

Intercept:	0
Slope:	0.4091

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/3	4.0	1.553186	50.0	399437.0	0.388297	Y
2	IC 410-661307/4	10.0	3.845506	50.0	398036.0	0.384551	Y
3	IC 410-661307/5	20.0	7.788276	50.0	397206.0	0.389414	Y
4	IC 410-661307/6	50.0	21.76059	50.0	393351.0	0.435212	Y
5	IC 410-661307/7	100.0	43.221861	50.0	389694.0	0.432219	Y
6	IC 410-661307/8	300.0	127.430862	50.0	392042.0	0.42477	Y



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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-661307/12	WU23X11.D
Level 2	IC 410-661307/13	WU23X12.D
Level 3	IC 410-661307/14	WU23X13.D
Level 4	IC 410-661307/15	WU23X14.D
Level 5	ICIS 410-661307/16	WU23X15.D
Level 6	IC 410-661307/17	WU23X16.D
Level 7	IC 410-661307/18	WU23X17.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	0.4470 0.5100	0.5931 0.4999	0.6080	0.5903	0.5196	Ave		0.5383			0.1000	11.1		20.0			
Chloromethane	0.5809 0.5295	0.6485 0.5092	0.6208	0.6143	0.5623	Ave		0.5808			0.1000	8.7		20.0			
Vinyl chloride	0.5365 0.5310	0.6374 0.5113	0.6154	0.6053	0.5608	Ave		0.5711			0.1000	8.5		20.0			
1,3-Butadiene	0.6578 0.5304	0.6482 0.5225	0.6383	0.6287	0.5453	Ave		0.5959				10.1		20.0			
Bromomethane	0.3554 0.3499	0.4084 0.3373	0.4151	0.4056	0.3800	Ave		0.3788			0.1000	8.4		20.0			
Chloroethane	0.3114 0.2768	0.3335 0.2667	0.3358	0.3142	0.2931	Ave		0.3045			0.1000	8.8		20.0			
Dichlorofluoromethane	0.8482 0.7830	0.9172 0.7508	0.9272	0.8971	0.8389	Ave		0.8518			0.1000	7.9		20.0			
Trichlorofluoromethane	0.5273 0.6128	0.6972 0.6027	0.7081	0.7041	0.6241	Ave		0.6395			0.1000	10.5		20.0			
n-Pentane	0.5565 0.4848	0.4605 0.4745	0.4558	0.5209	0.4713	Ave		0.4892				7.5		20.0			
Ethanol	+++++ 0.0710	0.0835 0.0588	0.0615	0.0646	0.0645	Ave		0.0673				13.3		20.0			
Freon 123a	0.3936 0.3788	0.4519 0.3694	0.4474	0.4316	0.3930	Ave		0.4094				8.2		20.0			
Acrolein	1.3683 1.4734	1.3495 1.6653	1.5593	1.5887	1.5025	Ave		1.5010				7.7		20.0			
1,1-Dichloroethene	0.2239 0.2758	0.2832 0.2873	0.2774	0.2960	0.2872	Ave		0.2758			0.1000	8.7		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

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	0.2381 0.3301	0.3084 0.3299	0.3353	0.3504	0.3378	Ave		0.3186			0.1000	11.8		20.0			
Acetone	+++++ 0.7542	0.6404 0.8357	0.7944	0.8028	0.7673	Ave		0.7658			0.1000	8.8		20.0			
Methyl iodide	0.4719 0.5314	0.5587 0.5347	0.5292	0.5593	0.5525	Ave		0.5339				5.7		20.0			
2-Propanol	+++++ 0.8543	1.0776 0.7362	0.8676	0.8629	0.7231	Ave		0.8536				14.9		20.0			
Carbon disulfide	0.8649 1.0476	0.9807 1.0928	0.9838	1.0513	1.0549	Ave		1.0109			0.1000	7.5		20.0			
Methyl acetate	0.5078 0.3320	0.4419 0.3152	0.3187	0.3429	0.3321	Ave		0.3701			0.1000	20.2	*	20.0			
Allyl chloride	0.4733 0.4055	0.4301 0.4087	0.4036	0.4338	0.4239	Ave		0.4256				5.7		20.0			
Methylene Chloride	0.3312 0.3011	0.3219 0.3037	0.2974	0.3245	0.3118	Ave		0.3131			0.1000	4.2		20.0			
t-Butyl alcohol	1.1921 1.3052	1.1730 1.0614	1.0662	1.1112	1.0741	Ave		1.1404				7.8		20.0			
Acrylonitrile	0.2049 0.1907	0.2066 0.1840	0.1891	0.1945	0.1949	Ave		0.1949				4.2		20.0			
trans-1,2-Dichloroethene	0.2418 0.2553	0.2607 0.2532	0.2539	0.2782	0.2697	Ave		0.2589			0.1000	4.6		20.0			
Methyl tert-butyl ether	1.0055 0.9487	1.0008 0.9081	0.9364	0.9829	0.9898	Ave		0.9675			0.1000	3.8		20.0			
n-Hexane	0.2168 0.3281	0.3018 0.2966	0.3187	0.3733	0.3421	Ave		0.3111				15.7		20.0			
1,1-Dichloroethane	0.4570 0.4531	0.4732 0.4491	0.4474	0.4874	0.4840	Ave		0.4645			0.2000	3.6		20.0			
Isopropyl ether	0.9066 0.8736	0.9239 0.8704	0.8462	0.9225	0.9173	Ave		0.8944				3.4		20.0			
2-Chloro-1,3-butadiene	0.3859 0.4219	0.4301 0.4241	0.4179	0.4511	0.4429	Ave		0.4249				4.9		20.0			
Ethyl t-butyl ether	0.9204 0.9296	0.9421 0.9368	0.9026	0.9424	0.9622	Ave		0.9337				2.0		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
2-Butanone (MEK)	0.2948 0.2526	0.2594 0.2457	0.2639	0.2505	0.2467	Ave		0.2591			0.1000	6.6		20.0			
cis-1,2-Dichloroethene	0.2902 0.2890	0.3045 0.2833	0.3043	0.3095	0.3075	Ave		0.2983			0.1000	3.5		20.0			
2,2-Dichloropropane	0.4258 0.4751	0.4705 0.4854	0.4681	0.4972	0.4925	Ave		0.4735				5.0		20.0			
Propionitrile	1.1483 1.2116	1.1374 1.3128	1.0741	1.2300	1.1945	Ave		1.1870				6.4		20.0			
Methyl acrylate	0.4978 0.4587	0.4672 0.4412	0.4588	0.4302	0.4558	Ave		0.4585				4.6		20.0			
Methacrylonitrile	0.1901 0.1847	0.1845 0.1796	0.1696	0.1828	0.1818	Ave		0.1819				3.5		20.0			
Bromochloromethane	0.1334 0.1401	0.1512 0.1371	0.1418	0.1503	0.1473	Ave		0.1430				4.8		20.0			
Tetrahydrofuran	0.9967 0.9779	1.0053 1.1243	0.9174	1.0329	1.0041	Ave		1.0084				6.2		20.0			
Chloroform	0.6111 0.4467	0.5143 0.4343	0.4532	0.4748	0.4687	Ave		0.4861			0.2000	12.5		20.0			
1,1,1-Trichloroethane	0.3805 0.4662	0.4634 0.4776	0.4542	0.4891	0.4887	Ave		0.4600			0.1000	8.1		20.0			
Cyclohexane	0.3939 0.5526	0.5343 0.5499	0.5391	0.6007	0.5653	Ave		0.5337			0.1000	12.3		20.0			
Carbon tetrachloride	0.2939 0.3787	0.3556 0.3979	0.3642	0.3868	0.3836	Ave		0.3658			0.1000	9.5		20.0			
1,1-Dichloropropene	0.3590 0.3872	0.4113 0.3937	0.3789	0.4138	0.4000	Ave		0.3920				4.9		20.0			
Isobutyl alcohol	0.4206 0.4147	0.3759 0.3668	0.3419	0.3431	0.3339	Ave		0.3710				9.5		20.0			
Benzene	1.0713 1.1262	1.1869 1.1214	1.0945	1.1936	1.1770	Ave		1.1387			0.5000	4.2		20.0			
1,2-Dichloroethane	0.3635 0.3493	0.3680 0.3437	0.3259	0.3603	0.3562	Ave		0.3524			0.1000	4.1		20.0			
t-Amyl methyl ether	0.8908 0.9072	0.9067 0.9044	0.8396	0.8994	0.9177	Ave		0.8951				2.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Heptane	0.2924 0.2802	0.2837 0.2533	0.2674	0.3310	0.2989	Ave		0.2867				8.6		20.0			
n-Butanol	0.2659 0.3447	0.2670 0.2872	0.2489	0.2759	0.2640	Ave		0.2791				11.2		20.0			
Trichloroethene	0.2451 0.2873	0.2853 0.2931	0.2766	0.3013	0.2935	Ave		0.2832			0.2000	6.5		20.0			
Ethyl acrylate	0.4921 0.4779	0.4871 0.4713	0.4752	0.4423	0.4684	Ave		0.4735				3.4		20.0			
Methylcyclohexane	0.3239 0.4908	0.4369 0.4665	0.4428	0.5383	0.5019	Ave		0.4573			0.1000	15.0		20.0			
1,2-Dichloropropane	0.2761 0.2878	0.2953 0.2919	0.2685	0.2908	0.2946	Ave		0.2864			0.1000	3.6		20.0			
t-Amyl ethyl ether	0.4032 0.4284	0.4145 0.4373	0.3940	0.4237	0.4317	Ave		0.4190				3.8		20.0			
Methyl methacrylate	0.2382 0.2854	0.2539 0.2751	0.2427	0.2613	0.2692	Ave		0.2608				6.6		20.0			
1,4-Dioxane	+++++ 0.0820	0.0810 0.0664	0.0651	0.0722	0.0661	Ave		0.0721			0.0050	10.7		20.0			
Dibromomethane	0.1696 0.1833	0.1809 0.1842	0.1723	0.1835	0.1841	Ave		0.1797				3.4		20.0			
Bromodichloromethane	0.2633 0.3364	0.3052 0.3470	0.2897	0.3255	0.3335	Ave		0.3144			0.2000	9.5		20.0			
2-Nitropropane	1.4558 1.7141	1.4138 1.9708	1.3933	1.6258	1.5900	Ave		1.5948				12.8		20.0			
2-Chloroethyl vinyl ether	0.1808 0.2143	0.2028 0.2202	0.1951	0.2004	0.2178	Ave		0.2045				6.9		20.0			
cis-1,3-Dichloropropene	0.3942 0.4313	0.3959 0.4517	0.3759	0.4099	0.4254	Ave		0.4120			0.2000	6.3		20.0			
4-Methyl-2-pentanone (MIBK)	0.4862 0.5172	0.4763 0.4994	0.5194	0.5162	0.5264	Ave		0.5059			0.1000	3.7		20.0			
Toluene	0.8546 0.9345	0.9578 0.9155	0.9379	0.9851	0.9804	Ave		0.9380			0.4000	4.7		20.0			
trans-1,3-Dichloropropene	0.4734 0.5272	0.4844 0.5237	0.4552	0.5010	0.5163	Ave		0.4973			0.1000	5.5		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.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Ethyl methacrylate	0.6584 0.6784	0.6393 0.6156	0.6056	0.6447	0.6544	Ave		0.6423				3.9		20.0			
1,1,2-Trichloroethane	0.3480 0.3502	0.3477 0.3298	0.3254	0.3441	0.3492	Ave		0.3421			0.1000	3.0		20.0			
Tetrachloroethene	0.3189 0.3774	0.3806 0.3712	0.3645	0.4089	0.3938	Ave		0.3736			0.2000	7.6		20.0			
1,3-Dichloropropane	0.6017 0.5782	0.5771 0.5588	0.5508	0.5799	0.5737	Ave		0.5743				2.8		20.0			
2-Hexanone	0.4859 0.4708	0.4597 0.4335	0.5014	0.4785	0.4856	Ave		0.4736			0.1000	4.6		20.0			
Dibromochloromethane	0.2856 0.3642	0.2990 0.3636	0.3007	0.3320	0.3486	Ave		0.3277				10.0		20.0			
1,2-Dibromoethane (EDB)	0.3482 0.3727	0.3651 0.3575	0.3504	0.3671	0.3713	Ave		0.3618			0.1000	2.7		20.0			
1-Chlorohexane	0.4924 0.4662	0.4980 0.4346	0.4550	0.5185	0.4992	Ave		0.4805				6.1		20.0			
Chlorobenzene	0.9499 0.9866	1.0086 0.9690	0.9474	1.0167	1.0213	Ave		0.9857			0.5000	3.2		20.0			
1,1,1,2-Tetrachloroethane	0.3283 0.3987	0.3559 0.3811	0.3577	0.3926	0.3993	Ave		0.3734				7.2		20.0			
Ethylbenzene	1.6745 1.8489	1.9261 1.7539	1.8394	1.9762	1.9684	Ave		1.8553			0.1000	6.1		20.0			
m&p-Xylene	0.6232 0.7077	0.7273 0.6705	0.6985	0.7507	0.7477	Ave		0.7037			0.1000	6.4		20.0			
n-Butyl acrylate	0.9091 0.8844	0.9258 0.8082	0.9443	0.8768	0.9143	Ave		0.8947				5.0		20.0			
o-Xylene	0.6680 0.7455	0.7626 0.7051	0.7499	0.7897	0.7923	Ave		0.7447			0.3000	6.0		20.0			
Styrene	0.9931 1.1423	1.1307 1.1001	1.0916	1.1856	1.1807	Ave		1.1177			0.3000	5.9		20.0			
Bromoform	0.2014 0.2867	0.2197 0.2751	0.2125	0.2385	0.2594	Ave		0.2419			0.1000	13.5		20.0			
Isopropylbenzene	1.4087 1.7312	1.7041 1.5632	1.6513	1.8794	1.8671	Ave		1.6864			0.1000	9.9		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Cyclohexanone	0.2530 0.2752	0.2892 0.2714	0.2537	0.2764	0.2771	Ave		0.2709				4.8		20.0			
1,1,2,2-Tetrachloroethane	1.1867 1.3581	1.2210 1.1904	1.1519	1.2350	1.2310	Ave		1.2248			0.3000	5.4		20.0			
Bromobenzene	0.7109 0.8079	0.7629 0.7852	0.7296	0.7971	0.7921	Ave		0.7694				4.8		20.0			
trans-1,4-Dichloro-2-butene	0.3400 0.3934	0.3418 0.3516	0.3113	0.3518	0.3512	Ave		0.3487				7.0		20.0			
1,2,3-Trichloropropane	0.3428 0.4112	0.4018 0.3612	0.3604	0.3877	0.3768	Ave		0.3774				6.5		20.0			
N-Propylbenzene	2.9991 3.9564	3.7363 3.5332	3.5350	4.1661	4.1135	Ave		3.7199				11.0		20.0			
2-Chlorotoluene	0.6469 0.8125	0.7941 0.7725	0.7443	0.8185	0.8174	Ave		0.7723				8.0		20.0			
1,3,5-Trimethylbenzene	2.4795 2.9972	2.6892 2.7235	2.5741	3.0138	3.0432	Ave		2.7886				8.2		20.0			
4-Chlorotoluene	0.6107 0.7686	0.7170 0.7497	0.7031	0.7721	0.7801	Ave		0.7288				8.2		20.0			
tert-Butylbenzene	0.4538 0.5613	0.4840 0.5233	0.4409	0.5388	0.5610	Ave		0.5090				9.8		20.0			
1,2,4-Trimethylbenzene	3.2753 3.0371	2.8473 2.7639	2.6320	3.1088	3.0863	Ave		2.9644				7.6		20.0			
sec-Butylbenzene	2.7926 3.6009	3.1313 3.1552	3.0180	3.7039	3.6638	Ave		3.2951				10.9		20.0			
1,3-Dichlorobenzene	1.3216 1.4714	1.4400 1.3742	1.3512	1.5072	1.4849	Ave		1.4215			0.6000	5.1		20.0			
p-Isopropyltoluene	2.5210 3.0771	2.7689 2.7318	2.5665	3.1570	3.1507	Ave		2.8533				9.5		20.0			
1,4-Dichlorobenzene	1.4090 1.5007	1.4929 1.3953	1.3593	1.5197	1.5049	Ave		1.4546			0.5000	4.4		20.0			
1,2,3-Trimethylbenzene	3.6038 3.3111	3.0238 2.9850	2.8525	3.3100	3.3216	Ave		3.2011				8.1		20.0			
Benzyl chloride	1.9060 2.6118	2.1083 2.3598	2.0801	2.3342	2.3842	Ave		2.2549				10.5		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.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Diethylbenzene	1.5060 1.7778	1.5750 1.5736	1.4818	1.8306	1.8108	Ave		1.6508				9.1		20.0			
1,4-Diethylbenzene	2.4754 1.8237	1.6945 1.6107	1.5888	1.9269	1.8712	Ave		1.8559				16.3		20.0			
n-Butylbenzene	1.2290 1.4511	1.3538 1.2958	1.2567	1.5250	1.4982	Ave		1.3728				8.7		20.0			
1,2-Dichlorobenzene	1.4233 1.5903	1.5739 1.4707	1.4568	1.6289	1.5911	Ave		1.5336			0.4000	5.3		20.0			
1,2-Diethylbenzene	1.3361 1.5362	1.3985 1.3883	1.2868	1.5477	1.5623	Ave		1.4366				7.8		20.0			
1,2-Dibromo-3-Chloropropane	0.4207 0.4217	0.3467 0.3630	0.3428	0.3684	0.3745	Ave		0.3768			0.0500	8.6		20.0			
1,3,5-Trichlorobenzene	0.9310 1.0854	1.0316 0.9531	0.9489	1.1319	1.1184	Ave		1.0286				8.3		20.0			
1,2,4-Trichlorobenzene	0.9633 1.0846	1.0609 0.9530	0.9541	1.1332	1.1176	Ave		1.0381			0.2000	7.7		20.0			
2-Ethylhexyl acrylate	+++++ 1.2752	1.0423 1.2270	1.1048	1.0740	1.2543	Ave		1.1629				8.7		20.0			
Hexachlorobutadiene	0.2935 0.3944	0.3324 0.3641	0.3297	0.3978	0.4000	Ave		0.3588				11.6		20.0			
Naphthalene	6.9574 4.9371	4.5386 4.0185	4.2721	4.7866	4.7174	Ave		4.8897				19.7		20.0			
1,2,3-Trichlorobenzene	1.0472 1.1405	1.0658 0.9800	0.9651	1.1340	1.1453	Ave		1.0683				7.1		20.0			
2-Methylnaphthalene	2.1920 2.4119	1.8835 1.9591	1.7108	2.1672	2.2430	Ave		2.0811				11.5		20.0			
Dibromofluoromethane (Surr)	0.2329 0.2361	0.2370 0.2316	0.2390	0.2380	0.2348	Ave		0.2356				1.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0600 0.0602	0.0599 0.0593	0.0596	0.0601	0.0595	Ave		0.0598				0.5		20.0			
Toluene-d8 (Surr)	1.3316 1.3169	1.3509 1.2995	1.3585	1.3329	1.3403	Ave		1.3330				1.5		20.0			
4-Bromofluorobenzene (Surr)	0.5067 0.4906	0.5064 0.4893	0.5134	0.5003	0.4961	Ave		0.5004				1.8		20.0			

Note: The M1 coefficient is the same as Ave RRF for an Ave curve type. RSD is calculated for Ave curve types. RSE is used for all other types.

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-229797-1 | Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 | Calibration End Date: 06/23/2025 21:02 | Calibration ID: 74004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-661307/12	WU23X11.D
Level 2	IC 410-661307/13	WU23X12.D
Level 3	IC 410-661307/14	WU23X13.D
Level 4	IC 410-661307/15	WU23X14.D
Level 5	ICIS 410-661307/16	WU23X15.D
Level 6	IC 410-661307/17	WU23X16.D
Level 7	IC 410-661307/18	WU23X17.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	8403 965097	43981 2928264	111628	219122	481954	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	10919 1001923	48090 2982766	113981	228064	521501	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	10086 1004687	47263 2995131	112979	224712	520144	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	12366 1003642	48070 3060751	117195	233381	505737	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	6681 662059	30288 1975593	76203	150572	352452	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	5854 523838	24734 1562200	61657	116628	271877	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	15945 1481594	68015 4397657	170231	333030	778034	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	9913 1159645	51698 3530368	130009	261377	578864	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	10461 917402	34148 2779287	83681	193371	437083	1.00 100	4.00 300	10.0	20.0	50.0
Ethanol	TBAd10	Ave	+++++ 252723	30622 545602	42152	85175	110421	+++++ 2500	250 7500	500	1000	1250
Freon 123a	FB	Ave	7399 716782	33510 2163520	82139	160231	364533	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBAd10	Ave	19871 2046666	77243 6030567	208720	408667	1003635	9.76 976	39.0 2928	97.6	195	488
1,1-Dichloroethene	FB	Ave	4208 521814	21000 1682831	50927	109880	266376	1.00 100	4.00 300	10.0	20.0	50.0
Freon 113	FB	Ave	4475 624612	22867 1932543	61565	130066	313338	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Acetone	TBAd10	Ave	+++++ 214704	7512 620257	21791	42322	105032	+++++ 200	8.00 600	20.0	40.0	100
Methyl iodide	FB	Ave	8871 1005585	41427 3131871	97158	207622	512424	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBAd10	Ave	+++++ 607960	31603 1365939	59500	113728	247455	+++++ 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	16258 1982386	72722 6401048	180621	390290	978343	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	9546 628250	32768 1846225	58520	127285	308000	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	8898 767240	31895 2393826	74096	161045	393162	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	6226 569823	23868 1778679	54601	120470	289225	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBAd10	Ave	8870 928922	34400 1969239	73121	146451	367577	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	9627 902100	38304 2694338	86785	180498	451934	2.50 250	10.0 750	25.0	50.0	125
trans-1,2-Dichloroethene	FB	Ave	4545 483002	19330 1482941	46611	103278	250091	1.00 100	4.00 300	10.0	20.0	50.0
Methyl tert-butyl ether	FB	Ave	18902 1795194	74211 5319248	171912	364902	918019	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	4075 620917	22383 1737228	58512	138589	317321	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	8591 857435	35089 2630436	82144	180926	448924	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	17043 1653097	68509 5098533	155355	342461	850794	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	7254 798307	31896 2484457	76727	167472	410789	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	17301 1759043	69859 5487521	165710	349868	892377	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	11083 956060	38473 2878131	96899	185996	457695	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	5456 546901	22577 1659389	55865	114884	285223	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	8004 898916	34893 2842979	85936	184560	456819	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Propionitrile	TBAd10	Ave	8544 862284	33357 2435803	73663	162104	408809	5.00 500	20.0 1500	50.0	100	250
Methyl acrylate	FB	Ave	9359 868097	34651 2584942	84248	159728	422837	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	8935 873813	34205 2629708	77842	169648	421570	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	2507 265080	11215 803102	26028	55811	136598	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBAd10	Ave	7416 695959	29482 2085976	62916	136132	343649	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	11487 845170	38138 2543783	83210	176245	434656	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	7152 882237	34362 2797794	83388	181575	453214	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	7405 1045575	39623 3221274	98981	223003	524270	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	5525 716551	26370 2330996	66867	143598	355790	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	6749 732602	30501 2306352	69567	153628	370964	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBAd10	Ave	7824 737772	27557 1701464	58625	113042	285701	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	20139 2131001	88016 6568879	200941	443091	1091633	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	6833 660944	27290 2013444	59831	133759	330378	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	16746 1716725	67238 5297845	154155	333894	851143	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	5497 530234	21034 1483576	49097	122875	277211	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBAd10	Ave	4946 613337	19575 1332157	42667	90915	225886	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	4608 543653	21159 1716958	50785	111870	272250	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	9253 904564	36132 2761523	87268	164252	434603	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	6088	32401	81300	199842	465493	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

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
			928646	2732540				100	300			
1,2-Dichloropropane	FB	Ave	5190 544518	21900 1709595	49301	107963	273210	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	7579 810647	30735 2561278	72346	157285	400414	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	4477 540081	18827 1611650	44566	96999	249715	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBAd10	Ave	+++++ 145953	5942 307806	11169	23783	56530	+++++ 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	3188 346770	13414 1078694	31633	68110	170749	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	4950 636559	22629 2032796	53180	120827	309304	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBAd10	Ave	10832 1219920	41462 3656572	95551	214271	544159	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3399 405579	15042 1289549	35817	74394	202011	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	7410 816217	29359 2645652	69016	152165	394557	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	18279 1957495	70642 5850398	190707	383237	976382	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	11383 1317173	50154 4182979	121880	265256	662497	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	6305 743092	25366 2392959	59148	134911	348917	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	8769 956236	33476 2812902	78698	173592	442223	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	4635 493620	18209 1506830	42288	92659	236001	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	4248 531973	19929 1695944	47368	110105	266110	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	8015 814943	30222 2553463	71578	156157	387701	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	12945 1327165	48145 3961541	130320	257720	656242	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	3804 513357	15658 1661626	39072	89392	235531	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	4638 525271	19121 1633747	45529	98862	250903	1.00 100	4.00 300	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1-Chlorohexane	CBZd5	Ave	6559 657120	26078 1985730	59121	139614	337319	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	12652 1390703	52816 4427703	123113	273784	690159	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	4373 562008	18638 1741478	46486	105711	269826	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	22304 2606161	100863 8014009	239018	532154	1330090	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	16602 1995029	76172 6127451	181536	404275	1010524	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	12104 1246016	48461 3691309	122664	236000	617594	1.000 100.0	4.00 300	10.00	20.0	50.0
o-Xylene	CBZd5	Ave	8897 1050832	39936 3221709	97451	212637	535411	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	13227 1610064	59207 5026741	141849	319255	797875	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	2683 404175	11503 1257210	27620	64229	175310	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	18763 2440199	89235 7142668	214587	506089	1261676	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexanone	TBAd10	Ave	18827 489586	84803 1258929	87010	182117	237101	50.0 1250	200 3750	250	500	625
1,1,2,2-Tetrachloroethane	DCBd4	Ave	9001 1013176	36366 2846881	85571	184566	459002	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	5392 602702	22723 1877826	54200	119116	295365	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	6447 733821	25450 2101959	57818	131427	327356	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	2600 306742	11968 863729	26770	57946	140491	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	22748 2951651	111285 8449868	262605	622608	1533837	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	4907 606192	23653 1847578	55291	122325	304794	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	18807 2236051	80097 6513542	191225	450394	1134771	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	4632 573441	21356 1792868	52230	115394	290892	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	3442	14415	32751	80523	209181	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-229797-1 | Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 | Calibration End Date: 06/23/2025 21:02 | Calibration ID: 74004

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
			418773	1251526				100	300			
1,2,4-Trimethylbenzene	DCBd4	Ave	24843 2265821	84805 6610051	195527	464595	1150842	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	21182 2686458	93264 7545934	224200	553531	1366174	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	10024 1097772	42891 3286561	100375	225241	553710	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	19122 2295706	82470 6533451	190662	471799	1174823	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	10687 1119617	44466 3336936	100980	227119	561155	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	27335 2470217	90062 7139004	211904	494671	1238580	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	14457 1948559	62794 5643774	154524	348844	889012	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	11423 1326291	46911 3763433	110082	273570	675197	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	18776 1360554	50471 3852221	118030	287969	697745	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	9322 1082586	40321 3099139	93358	227904	558659	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	10796 1186418	46878 3517232	108219	243428	593279	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	10134 1146092	41653 3320205	95593	231297	582569	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	3191 314572	10325 868101	25468	55055	139646	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	7062 809761	30726 2279435	70495	169158	417038	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	7307 809179	31599 2279094	70877	169348	416751	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	+++++ 950862	31027 2932851	82032	160423	467474	+++++ 99.9	4.00 300	9.99	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	2226 294245	9900 870713	24493	59451	149171	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	52772 3683333	135179 9610513	317364	715338	1759021	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	7943 850883	31743 2343838	71693	169474	427072	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	16626	56100	127092	323885	836361	1.00	4.00	10.0	20.0	50.0

FORM VI
GC/MS VOA BY INTERNAL STANDARD - INITIAL CALIBRATION DATA
RESPONSE AND CONCENTRATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

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
			1799397	4685359				100	300			
Dibromofluoromethane (Surr)	FB	Ave	218937 223420	219693 226119	219394	220863	217749	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	56412 56946	55530 57933	54705	55748	55165	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	886824 928115	884244 989663	882687	897326	905682	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	337431 345775	331503 372632	333598	336784	335240	50.0 50.0	50.0 50.0	50.0	50.0	50.0

Curve Type Legend:
Ave = Average ISTD

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-661307/12	WU23X11.D
Level 2	IC 410-661307/13	WU23X12.D
Level 3	IC 410-661307/14	WU23X13.D
Level 4	IC 410-661307/15	WU23X14.D
Level 5	ICIS 410-661307/16	WU23X15.D
Level 6	IC 410-661307/17	WU23X16.D
Level 7	IC 410-661307/18	WU23X17.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	-17.0 -7.1	10.2	13.0	9.7	-3.5	-5.2	50 30	30	30	30	30	30
Chloromethane	0.0 -12.3	11.7	6.9	5.8	-3.2	-8.8	50 30	30	30	30	30	30
Vinyl chloride	-6.1 -10.5	11.6	7.8	6.0	-1.8	-7.0	50 30	30	30	30	30	30
1,3-Butadiene	10.4 -12.3	8.8	7.1	5.5	-8.5	-11.0	50 30	30	30	30	30	30
Bromomethane	-6.2 -11.0	7.8	9.6	7.1	0.3	-7.6	50 30	30	30	30	30	30
Chloroethane	2.3 -12.4	9.5	10.3	3.2	-3.7	-9.1	50 30	30	30	30	30	30
Dichlorofluoromethane	-0.4 -11.9	7.7	8.9	5.3	-1.5	-8.1	50 30	30	30	30	30	30
Trichlorofluoromethane	-17.5 -5.8	9.0	10.7	10.1	-2.4	-4.2	50 30	30	30	30	30	30
n-Pentane	13.8 -3.0	-5.9	-6.8	6.5	-3.7	-0.9	50 30	30	30	30	30	30
Ethanol	+++++ -12.7	24.1	-8.7	-4.0	-4.2	5.5	30	50	30	30	30	30
Freon 123a	-3.9 -9.8	10.4	9.3	5.4	-4.0	-7.5	50 30	30	30	30	30	30
Acrolein	-8.8 10.9	-10.1	3.9	5.8	0.1	-1.8	50 30	30	30	30	30	30
1,1-Dichloroethene	-18.8 4.2	2.7	0.6	7.3	4.1	0.0	50 30	30	30	30	30	30
Freon 113	-25.3 3.6	-3.2	5.3	10.0	6.1	3.6	50 30	30	30	30	30	30
Acetone	+++++ 9.1	-16.4	3.7	4.8	0.2	-1.5	30	50	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-11.6 0.1	4.6	-0.9	4.7	3.5	-0.5	50 30	30	30	30	30	30
2-Propanol	+++++ -13.8	26.2	1.6	1.1	-15.3	0.1	 30	50	30	30	30	30
Carbon disulfide	-14.4 8.1	-3.0	-2.7	4.0	4.4	3.6	50 30	30	30	30	30	30
Methyl acetate	37.2 -14.8	19.4	-13.9	-7.4	-10.3	-10.3	50 30	30	30	30	30	30
Allyl chloride	11.2 -4.0	1.1	-5.2	1.9	-0.4	-4.7	50 30	30	30	30	30	30
Methylene Chloride	5.8 -3.0	2.8	-5.0	3.6	-0.4	-3.8	50 30	30	30	30	30	30
t-Butyl alcohol	4.5 -6.9	2.9	-6.5	-2.6	-5.8	14.5	50 30	30	30	30	30	30
Acrylonitrile	5.1 -5.6	6.0	-3.0	-0.2	0.0	-2.2	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	-6.6 -2.2	0.7	-2.0	7.4	4.1	-1.4	50 30	30	30	30	30	30
Methyl tert-butyl ether	3.9 -6.1	3.4	-3.2	1.6	2.3	-1.9	50 30	30	30	30	30	30
n-Hexane	-30.3 -4.7	-3.0	2.5	20.0	10.0	5.5	50 30	30	30	30	30	30
1,1-Dichloroethane	-1.6 -3.3	1.9	-3.7	4.9	4.2	-2.4	50 30	30	30	30	30	30
Isopropyl ether	1.4 -2.7	3.3	-5.4	3.1	2.6	-2.3	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-9.2 -0.2	1.2	-1.6	6.2	4.3	-0.7	50 30	30	30	30	30	30
Ethyl t-butyl ether	-1.4 0.3	0.9	-3.3	0.9	3.0	-0.4	50 30	30	30	30	30	30
2-Butanone (MEK)	13.8 -5.2	0.1	1.9	-3.3	-4.8	-2.5	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	-2.7 -5.0	2.1	2.0	3.7	3.1	-3.1	50 30	30	30	30	30	30
2,2-Dichloropropane	-10.1 2.5	-0.6	-1.1	5.0	4.0	0.3	50 30	30	30	30	30	30
Propionitrile	-3.3 10.6	-4.2	-9.5	3.6	0.6	2.1	50 30	30	30	30	30	30
Methyl acrylate	8.6 -3.8	1.9	0.1	-6.2	-0.6	0.0	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methacrylonitrile	4.5 -1.3	1.4	-6.8	0.5	0.0	1.6	50 30	30	30	30	30	30
Bromochloromethane	-6.8 -4.1	5.7	-0.9	5.1	3.0	-2.1	50 30	30	30	30	30	30
Tetrahydrofuran	-1.2 11.5	-0.3	-9.0	2.4	-0.4	-3.0	50 30	30	30	30	30	30
Chloroform	25.7 -10.7	5.8	-6.8	-2.3	-3.6	-8.1	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-17.3 3.8	0.7	-1.3	6.3	6.2	1.4	50 30	30	30	30	30	30
Cyclohexane	-26.2 3.0	0.1	1.0	12.6	5.9	3.5	50 30	30	30	30	30	30
Carbon tetrachloride	-19.7 8.8	-2.8	-0.4	5.7	4.9	3.5	50 30	30	30	30	30	30
1,1-Dichloropropene	-8.4 0.4	4.9	-3.3	5.6	2.0	-1.2	50 30	30	30	30	30	30
Isobutyl alcohol	13.4 -1.1	1.3	-7.8	-7.5	-10.0	11.8	50 30	30	30	30	30	30
Benzene	-5.9 -1.5	4.2	-3.9	4.8	3.4	-1.1	50 30	30	30	30	30	30
1,2-Dichloroethane	3.1 -2.5	4.4	-7.5	2.2	1.1	-0.9	50 30	30	30	30	30	30
t-Amyl methyl ether	-0.5 1.0	1.3	-6.2	0.5	2.5	1.4	50 30	30	30	30	30	30
n-Heptane	2.0 -11.7	-1.1	-6.7	15.5	4.3	-2.3	50 30	30	30	30	30	30
n-Butanol	-4.7 2.9	-4.3	-10.8	-1.1	-5.4	23.5	50 30	30	30	30	30	30
Trichloroethene	-13.4 3.5	0.8	-2.3	6.4	3.7	1.5	50 30	30	30	30	30	30
Ethyl acrylate	3.9 -0.5	2.9	0.4	-6.6	-1.1	0.9	50 30	30	30	30	30	30
Methylcyclohexane	-29.2 2.0	-4.5	-3.2	17.7	9.8	7.3	50 30	30	30	30	30	30
1,2-Dichloropropane	-3.6 1.9	3.1	-6.2	1.5	2.8	0.5	50 30	30	30	30	30	30
t-Amyl ethyl ether	-3.8 4.4	-1.1	-5.9	1.1	3.0	2.3	50 30	30	30	30	30	30
Methyl methacrylate	-8.7 5.5	-2.7	-6.9	0.2	3.2	9.4	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dioxane	+++++ -8.0	12.3	-9.7	0.1	-8.4	13.7	30	50	30	30	30	30
Dibromomethane	-5.6 2.5	0.7	-4.1	2.1	2.5	2.0	50 30	30	30	30	30	30
Bromodichloromethane	-16.2 10.4	-2.9	-7.9	3.5	6.1	7.0	50 30	30	30	30	30	30
2-Nitropropane	-8.7 23.6	-11.3	-12.6	1.9	-0.3	7.5	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-11.6 7.7	-0.8	-4.6	-2.0	6.5	4.8	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-4.3 9.6	-3.9	-8.8	-0.5	3.2	4.7	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-3.9 -1.3	-5.8	2.7	2.0	4.1	2.2	50 30	30	30	30	30	30
Toluene	-8.9 -2.4	2.1	0.0	5.0	4.5	-0.4	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-4.8 5.3	-2.6	-8.5	0.7	3.8	6.0	50 30	30	30	30	30	30
Ethyl methacrylate	2.5 -4.2	-0.5	-5.7	0.4	1.9	5.6	50 30	30	30	30	30	30
1,1,2-Trichloroethane	1.7 -3.6	1.7	-4.9	0.6	2.1	2.4	50 30	30	30	30	30	30
Tetrachloroethene	-14.6 -0.7	1.9	-2.4	9.4	5.4	1.0	50 30	30	30	30	30	30
1,3-Dichloropropane	4.8 -2.7	0.5	-4.1	1.0	-0.1	0.7	50 30	30	30	30	30	30
2-Hexanone	2.6 -8.5	-2.9	5.9	1.0	2.5	-0.6	50 30	30	30	30	30	30
Dibromochloromethane	-12.8 11.0	-8.7	-8.2	1.3	6.4	11.2	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-3.7 -1.2	0.9	-3.2	1.5	2.6	3.0	50 30	30	30	30	30	30
1-Chlorohexane	2.5 -9.6	3.6	-5.3	7.9	3.9	-3.0	50 30	30	30	30	30	30
Chlorobenzene	-3.6 -1.7	2.3	-3.9	3.2	3.6	0.1	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-12.1 2.1	-4.7	-4.2	5.1	6.9	6.8	50 30	30	30	30	30	30
Ethylbenzene	-9.7 -5.5	3.8	-0.9	6.5	6.1	-0.3	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
m&p-Xylene	-11.4 -4.7	3.4	-0.7	6.7	6.3	0.6	50 30	30	30	30	30	30
n-Butyl acrylate	1.6 -9.7	3.5	5.5	-2.0	2.2	-1.2	50 30	30	30	30	30	30
o-Xylene	-10.3 -5.3	2.4	0.7	6.0	6.4	0.1	50 30	30	30	30	30	30
Styrene	-11.2 -1.6	1.2	-2.3	6.1	5.6	2.2	50 30	30	30	30	30	30
Bromoform	-16.7 13.7	-9.2	-12.1	-1.4	7.2	18.5	50 30	30	30	30	30	30
Isopropylbenzene	-16.5 -7.3	1.0	-2.1	11.4	10.7	2.7	50 30	30	30	30	30	30
Cyclohexanone	-6.6 0.2	6.8	-6.3	2.0	2.3	1.6	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-3.1 -2.8	-0.3	-6.0	0.8	0.5	10.9	50 30	30	30	30	30	30
Bromobenzene	-7.6 2.1	-0.8	-5.2	3.6	3.0	5.0	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-2.5 0.8	-2.0	-10.7	0.9	0.7	12.8	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-9.2 -4.3	6.5	-4.5	2.7	-0.2	8.9	50 30	30	30	30	30	30
N-Propylbenzene	-19.4 -5.0	0.4	-5.0	12.0	10.6	6.4	50 30	30	30	30	30	30
2-Chlorotoluene	-16.2 0.0	2.8	-3.6	6.0	5.8	5.2	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-11.1 -2.3	-3.6	-7.7	8.1	9.1	7.5	50 30	30	30	30	30	30
4-Chlorotoluene	-16.2 2.9	-1.6	-3.5	6.0	7.0	5.5	50 30	30	30	30	30	30
tert-Butylbenzene	-10.8 2.8	-4.9	-13.4	5.9	10.2	10.3	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	10.5 -6.8	-4.0	-11.2	4.9	4.1	2.5	50 30	30	30	30	30	30
sec-Butylbenzene	-15.2 -4.2	-5.0	-8.4	12.4	11.2	9.3	50 30	30	30	30	30	30
1,3-Dichlorobenzene	-7.0 -3.3	1.3	-4.9	6.0	4.5	3.5	50 30	30	30	30	30	30
p-Isopropyltoluene	-11.6 -4.3	-3.0	-10.1	10.6	10.4	7.8	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1 Analy Batch No.: 661307

SDG No.:

Instrument ID: 9137 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/23/2025 18:50 Calibration End Date: 06/23/2025 21:02 Calibration ID: 74004

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
1,4-Dichlorobenzene	-3.1 -4.1	2.6	-6.5	4.5	3.5	3.2	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	12.6 -6.8	-5.5	-10.9	3.4	3.8	3.4	50 30	30	30	30	30	30
Benzyl chloride	-15.5 4.7	-6.5	-7.8	3.5	5.7	15.8	50 30	30	30	30	30	30
1,3-Diethylbenzene	-8.8 -4.7	-4.6	-10.2	10.9	9.7	7.7	50 30	30	30	30	30	30
1,4-Diethylbenzene	33.4 -13.2	-8.7	-14.4	3.8	0.8	-1.7	50 30	30	30	30	30	30
n-Butylbenzene	-10.5 -5.6	-1.4	-8.5	11.1	9.1	5.7	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-7.2 -4.1	2.6	-5.0	6.2	3.8	3.7	50 30	30	30	30	30	30
1,2-Diethylbenzene	-7.0 -3.4	-2.7	-10.4	7.7	8.8	6.9	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	11.6 -3.7	-8.0	-9.0	-2.2	-0.6	11.9	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	-9.5 -7.3	0.3	-7.7	10.0	8.7	5.5	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-7.2 -8.2	2.2	-8.1	9.2	7.7	4.5	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	+++++ 5.5	-10.4	-5.0	-7.6	7.9	9.7	 30	50	30	30	30	30
Hexachlorobutadiene	-18.2 1.5	-7.4	-8.1	10.9	11.5	9.9	50 30	30	30	30	30	30
Naphthalene	42.3 -17.8	-7.2	-12.6	-2.1	-3.5	1.0	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	-2.0 -8.3	-0.2	-9.7	6.2	7.2	6.8	50 30	30	30	30	30	30
2-Methylnaphthalene	5.3 -5.9	-9.5	-17.8	4.1	7.8	15.9	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	-1.1 -1.7	0.6	1.4	1.0	-0.4	0.2	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	0.4 -0.8	0.2	-0.3	0.4	-0.5	0.7	50 30	30	30	30	30	30
Toluene-d8 (Surr)	-0.1 -2.5	1.3	1.9	0.0	0.5	-1.2	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	1.3 -2.2	1.2	2.6	0.0	-0.9	-2.0	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D
Lims ID: IC v1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 23-Jun-2025 18:50:30 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-012
Misc. Info.: IC V1
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:41 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 20:57:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.982	1.982	0.000	1	8403	1.00	0.8304	
7 Chloromethane	50	2.191	2.184	0.007	99	10919	1.00	1.00	
9 Vinyl chloride	62	2.313	2.300	0.013	97	10086	1.00	0.9395	
8 Butadiene	39	2.316	2.303	0.013	57	12366	1.00	1.10	M
12 Bromomethane	94	2.666	2.656	0.010	92	6681	1.00	0.9382	
13 Chloroethane	64	2.714	2.727	-0.013	46	5854	1.00	1.02	
14 Dichlorofluoromethane	67	2.999	2.999	0.000	94	15945	1.00	1.00	
15 Trichlorofluoromethane	101	3.057	3.054	0.003	30	9913	1.00	0.8246	
28 Pentane	43	3.086	3.073	0.013	73	10461	1.00	1.14	
17 Ethanol	45	3.301	3.247	0.055	12	2828	62.5	28.2	a
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.388	3.391	-0.003	6	7399	1.00	0.9615	
19 Acrolein	56	3.458	3.462	-0.004	61	19871	9.76	8.90	
20 1,1-Dichloroethene	96	3.625	3.609	0.016	49	4208	1.00	0.8116	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.641	3.648	-0.007	8	4475	1.00	0.7473	
21 Acetone	58	3.657	3.651	0.006	64	1074	2.00	0.9424	
23 Iodomethane	142	3.824	3.824	0.000	74	8871	1.00	0.8838	
24 Isopropyl alcohol	45	3.904	3.879	0.025	30	11372	5.00	8.95	M
25 Carbon disulfide	76	3.968	3.959	0.009	47	16258	1.00	0.8556	
27 Methyl acetate	43	4.081	4.068	0.013	70	9546	1.00	1.37	
30 3-Chloro-1-propene	41	4.097	4.090	0.007	55	8898	1.00	1.11	
33 Methylene Chloride	84	4.289	4.293	-0.004	13	6226	1.00	1.06	
* 34 t-Butyl alcohol-d10 (IS)	65	4.389	4.379	0.010	0	372039	250.0	250.0	
35 2-Methyl-2-propanol	59	4.543	4.501	0.042	4	8870	5.00	5.23	
36 Acrylonitrile	53	4.639	4.642	-0.003	65	9627	2.50	2.63	
38 trans-1,2-Dichloroethene	96	4.703	4.700	0.003	67	4545	1.00	0.9337	
37 Methyl tert-butyl ether	73	4.697	4.716	-0.019	83	18902	1.00	1.04	
39 Hexane	57	5.130	5.137	-0.007	51	4075	1.00	0.6969	
41 1,1-Dichloroethane	63	5.371	5.371	0.000	12	8591	1.00	0.9840	
42 Isopropyl ether	45	5.438	5.432	0.006	79	17043	1.00	1.01	
43 2-Chloro-1,3-butadiene	53	5.489	5.486	0.003	39	7254	1.00	0.9083	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.961	5.968	-0.007	80	17301	1.00	0.9857	
S 45 1,2-Dichloroethene, Total	100				0			1.91	
46 2-Butanone (MEK)	43	6.173	6.170	0.003	91	11083	2.00	2.28	
47 cis-1,2-Dichloroethene	96	6.208	6.212	-0.004	78	5456	1.00	0.9729	
49 2,2-Dichloropropane	77	6.227	6.234	-0.007	57	8004	1.00	0.8992	
50 Propionitrile	54	6.304	6.292	0.012	39	8544	5.00	4.84	
51 Methyl acrylate	55	6.321	6.305	0.016	19	9359	1.00	1.09	
53 Methacrylonitrile	67	6.497	6.484	0.013	74	8935	2.50	2.61	
54 Chlorobromomethane	128	6.555	6.545	0.010	12	2507	1.00	0.9325	
55 Tetrahydrofuran	71	6.548	6.548	0.000	70	7416	5.00	4.94	
56 Chloroform	83	6.690	6.693	-0.003	92	11487	1.00	1.26	
$ 57 Dibromofluoromethane (Surr)	113	6.911	6.914	-0.003	93	218937	50.0	49.4	
58 1,1,1-Trichloroethane	97	6.917	6.918	-0.001	36	7152	1.00	0.8272	
59 Cyclohexane	56	7.010	7.017	-0.007	84	7405	1.00	0.7381	
62 1,1-Dichloropropene	75	7.136	7.133	0.004	91	6749	1.00	0.9159	
61 Carbon tetrachloride	117	7.145	7.133	0.013	81	5525	1.00	0.8034	
64 Isobutyl alcohol	41	7.328	7.312	0.016	30	7824	12.5	14.2	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.363	7.370	-0.007	0	56412	50.0	50.2	
66 Benzene	78	7.408	7.399	0.009	93	20139	1.00	0.9408	
69 1,2-Dichloroethane	62	7.476	7.469	0.007	45	6833	1.00	1.03	
70 Tert-amyl methyl ether	73	7.588	7.588	0.000	97	16746	1.00	1.00	
* 73 Fluorobenzene (IS)	96	7.800	7.810	-0.010	99	939903	50.0	50.0	
74 n-Heptane	43	7.806	7.813	-0.007	39	5497	1.00	1.02	
75 n-Butanol	56	8.207	8.172	0.035	26	4946	12.5	11.9	
76 Trichloroethene	95	8.288	8.278	0.010	91	4608	1.00	0.8656	
77 Ethyl acrylate	55	8.397	8.394	0.003	97	9253	1.00	1.04	
78 Methylcyclohexane	83	8.599	8.589	0.010	52	6088	1.00	0.7082	
80 1,2-Dichloropropane	63	8.612	8.618	-0.006	69	5190	1.00	0.9639	
79 2-ethoxy-2-methyl butane	87	8.621	8.625	-0.004	92	7579	1.00	0.9623	
81 Methyl methacrylate	69	8.702	8.702	0.000	53	4477	1.00	0.9131	
82 1,4-Dioxane	88	8.711	8.708	0.003	0	195	12.5	1.82	M
83 Dibromomethane	93	8.724	8.731	-0.007	72	3188	1.00	0.9439	
85 Dichlorobromomethane	83	8.955	8.965	-0.010	89	4950	1.00	0.8376	
86 2-Nitropropane	41	9.244	9.247	-0.003	95	10832	5.00	4.56	
88 2-Chloroethyl vinyl ether	63	9.327	9.324	0.003	81	3399	1.00	0.8842	
91 cis-1,3-Dichloropropene	75	9.501	9.510	-0.009	93	7410	1.00	0.9567	
92 4-Methyl-2-pentanone (MIBK)	43	9.687	9.684	0.003	95	18279	2.00	1.92	
$ 94 Toluene-d8 (Surr)	98	9.812	9.812	0.000	93	886824	50.0	49.9	
99 Toluene	92	9.889	9.889	0.000	96	11383	1.00	0.9111	
S 120 1,3-Dichloropropene, Total	100				0			1.91	
124 trans-1,3-Dichloropropene	75	10.142	10.142	0.000	95	6305	1.00	0.9518	
126 Ethyl methacrylate	69	10.200	10.203	-0.003	87	8769	1.00	1.02	
128 1,1,2-Trichloroethane	97	10.351	10.351	0.000	87	4635	1.00	1.02	
129 Tetrachloroethene	166	10.434	10.434	0.000	89	4248	1.00	0.8536	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	89	8015	1.00	1.05	
133 2-Hexanone	43	10.563	10.563	0.000	98	12945	2.00	2.05	
135 Chlorodibromomethane	129	10.726	10.723	0.003	88	3804	1.00	0.8716	
136 Ethylene Dibromide	107	10.829	10.832	-0.003	94	4638	1.00	0.9625	
S 137 Xylenes, Total	106				0			2.67	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	665975	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	68	6559	1.00	1.02	
140 Chlorobenzene	112	11.285	11.288	-0.003	44	12652	1.00	0.9637	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 1,1,1,2-Tetrachloroethane	131	11.371	11.371	0.000	45	4373	1.00	0.8793	
142 Ethylbenzene	91	11.375	11.371	0.004	98	22304	1.00	0.9025	
143 m-Xylene & p-Xylene	106	11.490	11.487	0.003	0	16602	2.00	1.77	
144 n-Butyl acrylate	55	11.766	11.763	0.003	97	12104	1.00	1.02	
145 o-Xylene	106	11.817	11.818	-0.001	96	8897	1.00	0.8969	
146 Styrene	104	11.830	11.830	0.000	93	13227	1.00	0.8885	
147 Bromoform	173	11.987	11.988	-0.001	89	2683	1.00	0.8326	
148 Isopropylbenzene	105	12.119	12.116	0.003	96	18763	1.00	0.8353	
150 Cyclohexanone	55	12.199	12.199	0.000	93	18827	50.0	46.7	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	337431	50.0	50.6	
152 1,1,2,2-Tetrachloroethane	83	12.360	12.366	-0.006	94	9001	1.00	0.9688	
153 Bromobenzene	156	12.376	12.379	-0.003	96	5392	1.00	0.9240	
154 trans-1,4-Dichloro-2-butene	53	12.392	12.389	0.003	86	6447	2.50	2.44	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	73	2600	1.00	0.9083	
156 N-Propylbenzene	91	12.446	12.446	0.000	97	22748	1.00	0.8062	
157 2-Chlorotoluene	126	12.520	12.523	-0.003	96	4907	1.00	0.8376	
158 1,3,5-Trimethylbenzene	105	12.584	12.581	0.003	76	18807	1.00	0.8891	
159 4-Chlorotoluene	126	12.613	12.617	-0.004	97	4632	1.00	0.8380	
160 tert-Butylbenzene	134	12.819	12.825	-0.006	88	3442	1.00	0.8915	
162 1,2,4-Trimethylbenzene	105	12.867	12.864	0.003	98	24843	1.00	1.10	
163 sec-Butylbenzene	105	12.985	12.986	-0.001	94	21182	1.00	0.8475	
164 1,3-Dichlorobenzene	146	13.088	13.085	0.003	45	10024	1.00	0.9297	a
165 4-Isopropyltoluene	119	13.095	13.091	0.004	60	19122	1.00	0.8835	
* 166 1,4-Dichlorobenzene-d4	152	13.143	13.143	0.000	95	379250	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	49	10687	1.00	0.9687	
169 1,2,3-Trimethylbenzene	105	13.168	13.172	-0.004	96	27335	1.00	1.13	
170 Benzyl chloride	91	13.239	13.236	0.003	95	14457	1.00	0.8453	
171 1,3-Diethylbenzene	119	13.290	13.294	-0.004	92	11423	1.00	0.9123	
172 p-Diethylbenzene	119	13.364	13.364	0.000	94	18776	1.00	1.33	
173 n-Butylbenzene	92	13.383	13.383	0.000	97	9322	1.00	0.8953	
174 1,2-Dichlorobenzene	146	13.422	13.422	0.000	89	10796	1.00	0.9281	
175 o-diethylbenzene	119	13.441	13.438	0.003	43	10134	1.00	0.9300	a
177 1,2-Dibromo-3-Chloropropane	75	13.967	13.964	0.003	54	3191	1.00	1.12	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	96	7062	1.00	0.9051	
179 1,2,4-Trichlorobenzene	180	14.513	14.513	0.000	89	7307	1.00	0.9280	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	60	18764	1.00	2.13	M
181 Hexachlorobutadiene	225	14.593	14.593	0.000	60	2226	1.00	0.8178	
182 Naphthalene	128	14.696	14.696	0.000	96	52772	1.00	1.42	
183 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	94	7943	1.00	0.9803	
184 2-Methylnaphthalene	142	15.472	15.476	-0.004	89	16626	1.00	1.05	
S 210 Total Diethylbenzene	1				0			3.18	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_4ppbEtOH_00777	Amount Added: 12.50	Units: mL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

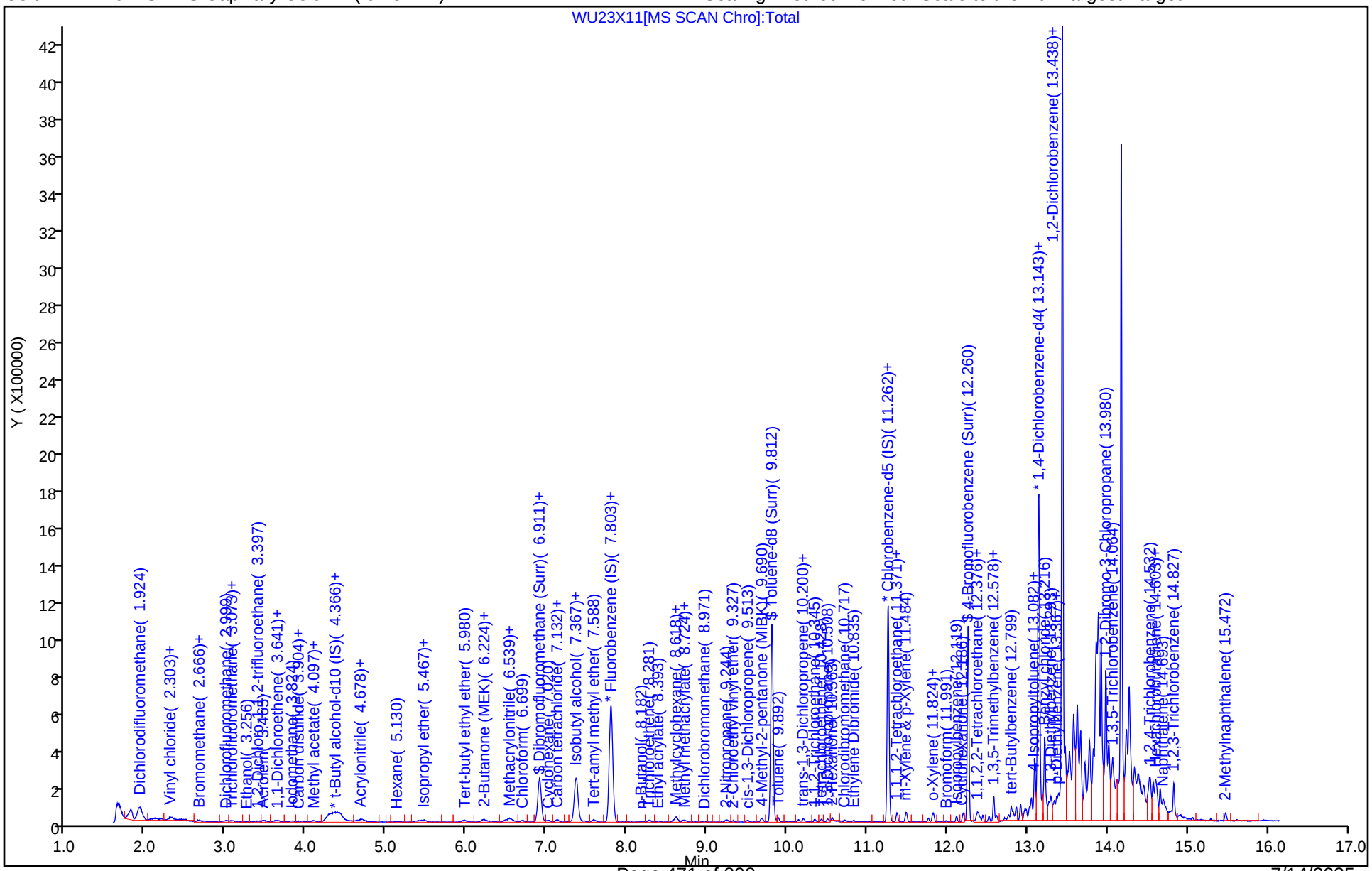
Report Date: 25-Jun-2025 08:54:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D

Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC v1			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

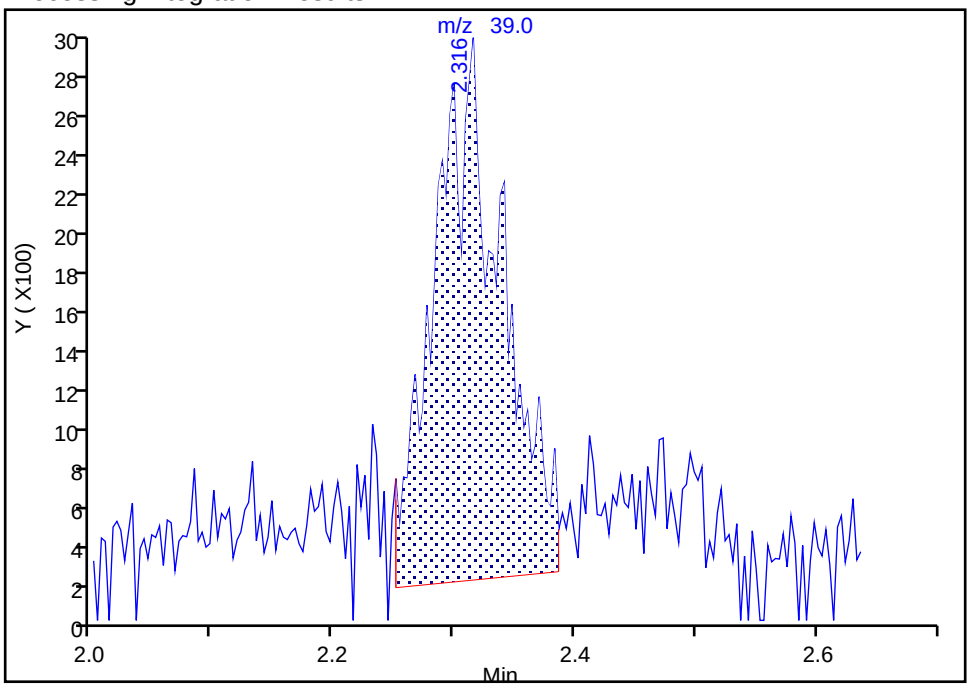
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D				
Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

8 Butadiene, CAS: 106-99-0

Signal: 1

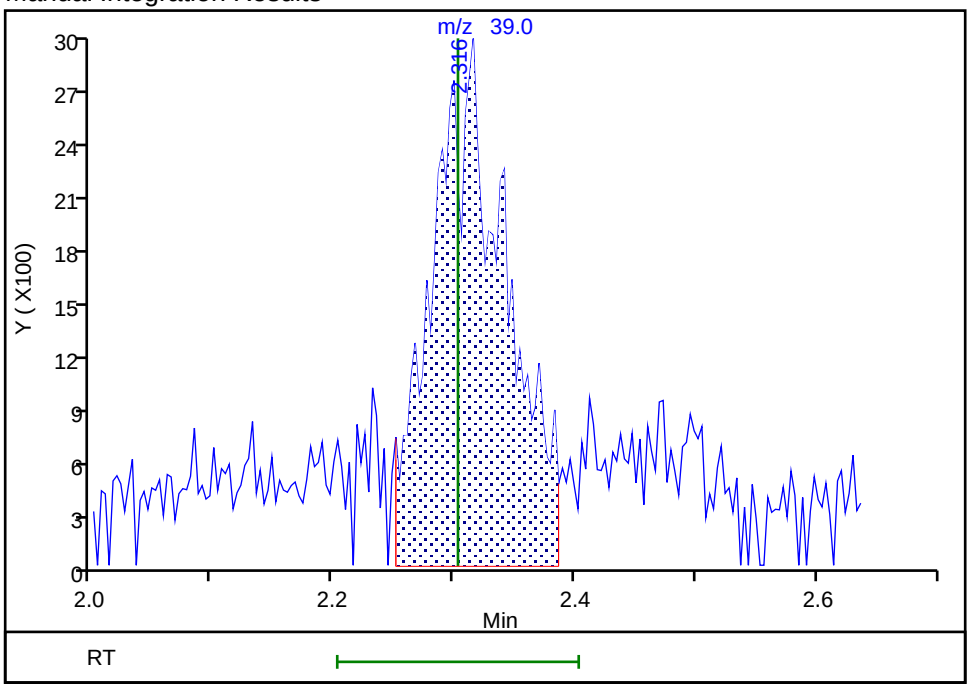
Processing Integration Results

RT: 2.32
Area: 10665
Amount: 0.936875
Amount Units: ug/l



Manual Integration Results

RT: 2.32
Area: 12366
Amount: 1.103938
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:54:56 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

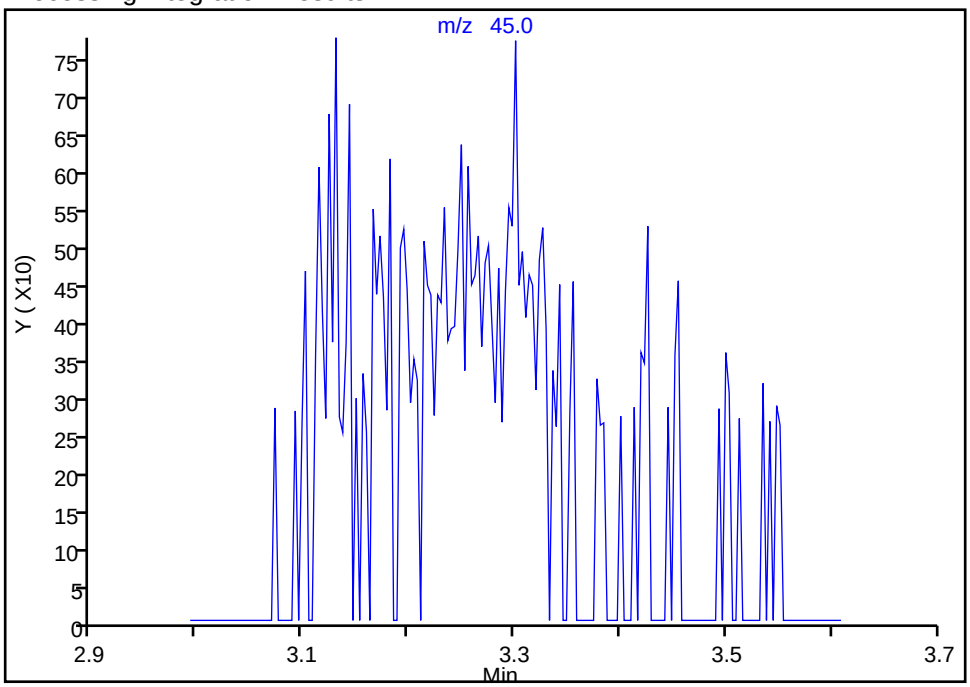
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D				
Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

17 Ethanol, CAS: 64-17-5

Signal: 1

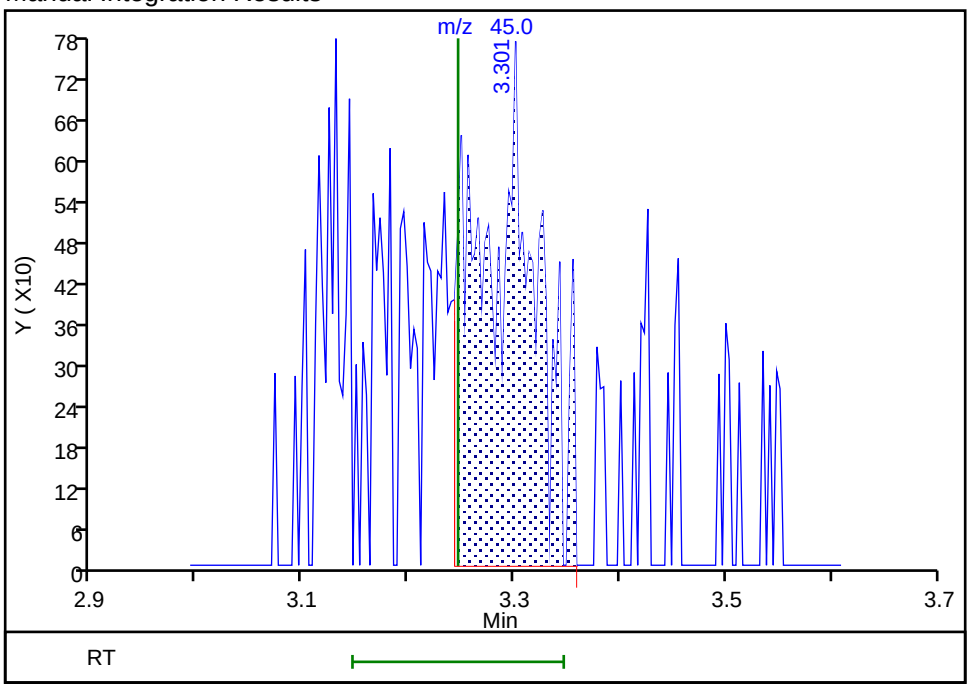
Not Detected
Expected RT: 3.25

Processing Integration Results



Manual Integration Results

RT: 3.30
Area: 2828
Amount: 28.223773
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:55:05 -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

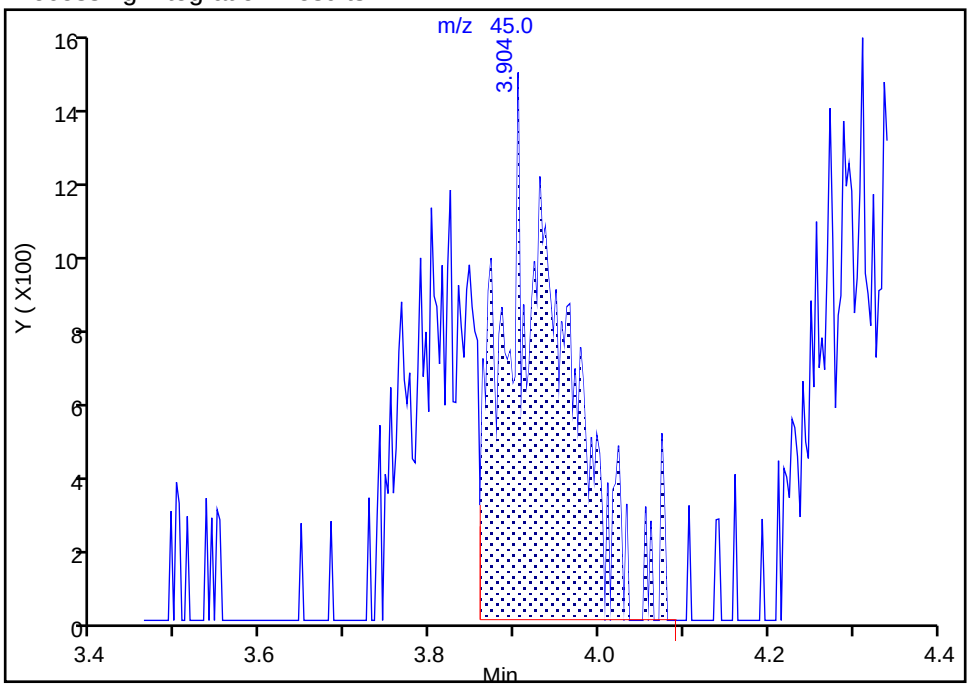
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D				
Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

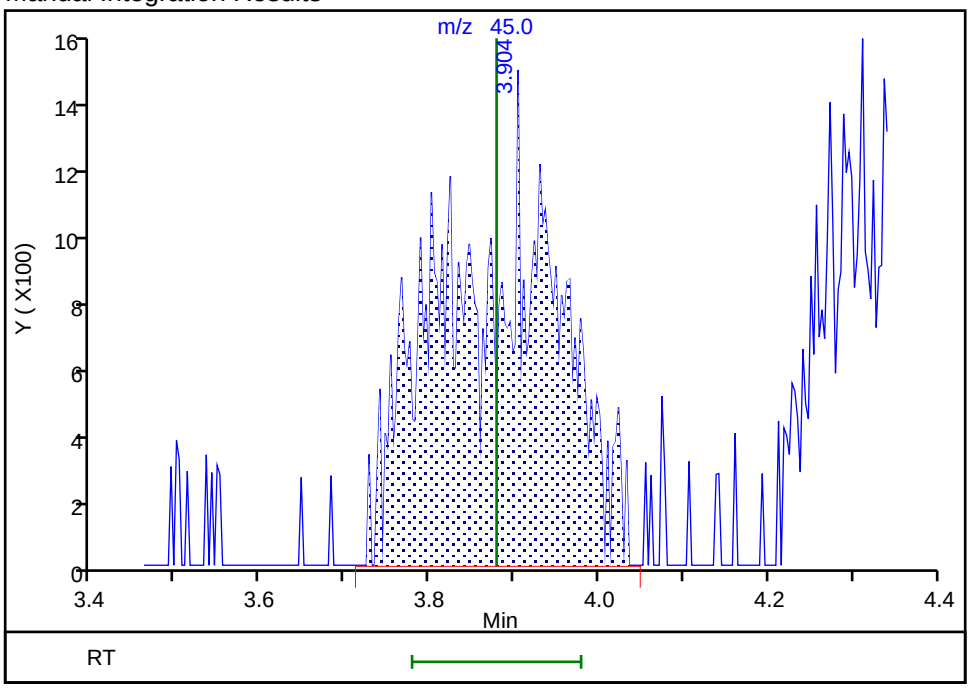
Processing Integration Results

RT: 3.90
Area: 6758
Amount: 6.041637
Amount Units: ug/l



Manual Integration Results

RT: 3.90
Area: 11372
Amount: 8.952219
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:58:23 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

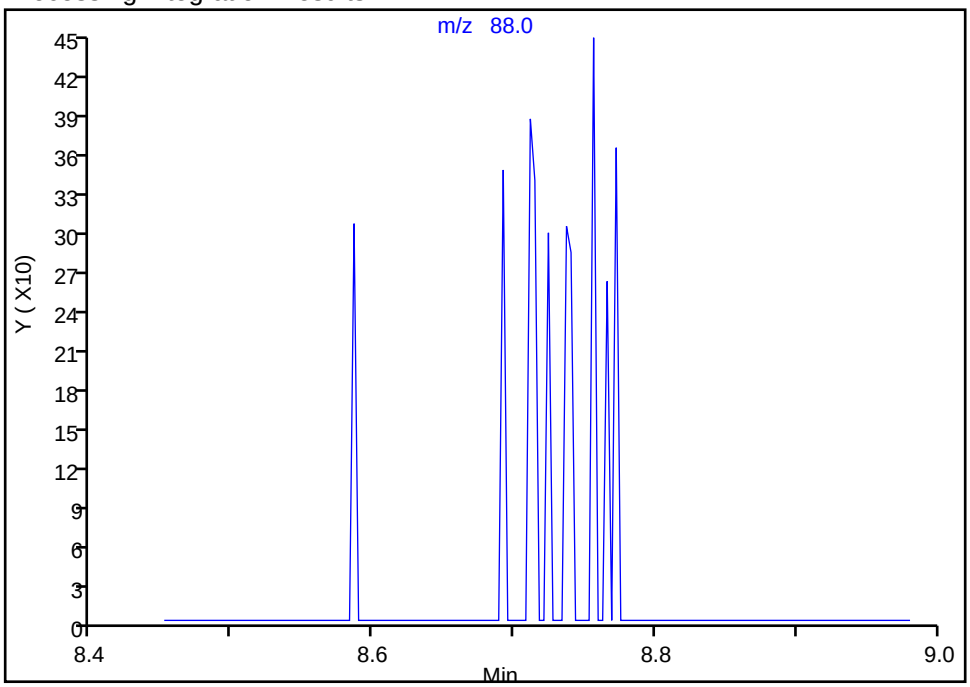
Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D
Injection Date: 23-Jun-2025 18:50:30 Instrument ID: 9137
Lims ID: IC v1
Client ID:
Operator ID: knk41612 ALS Bottle#: 11 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9137 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

82 1,4-Dioxane, CAS: 123-91-1

Signal: 1

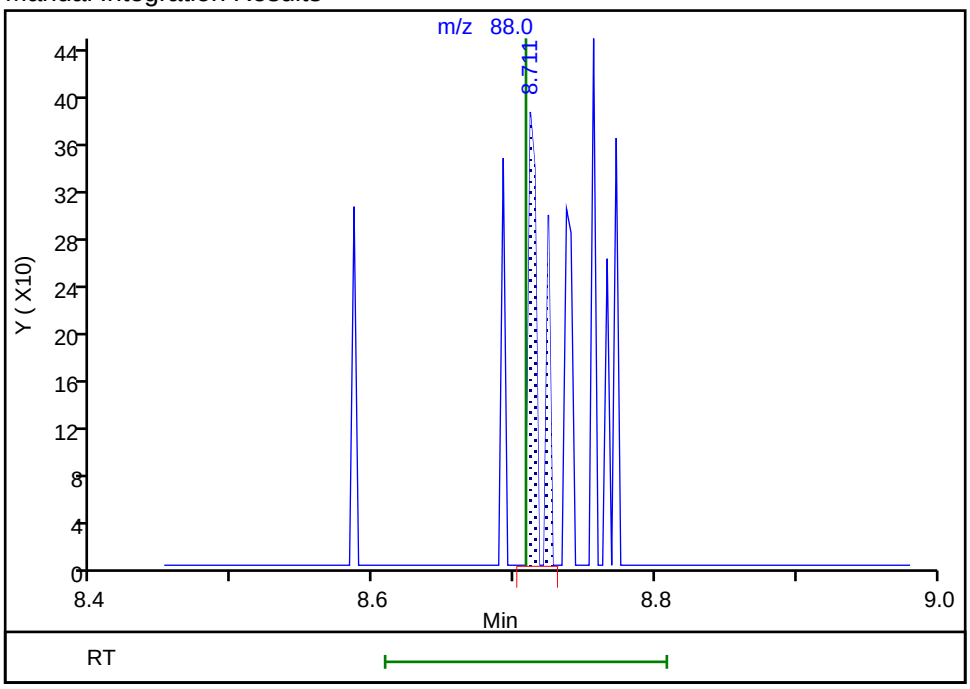
Not Detected
Expected RT: 8.71

Processing Integration Results



Manual Integration Results

RT: 8.71
Area: 195
Amount: 1.816417
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:56:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Assign Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

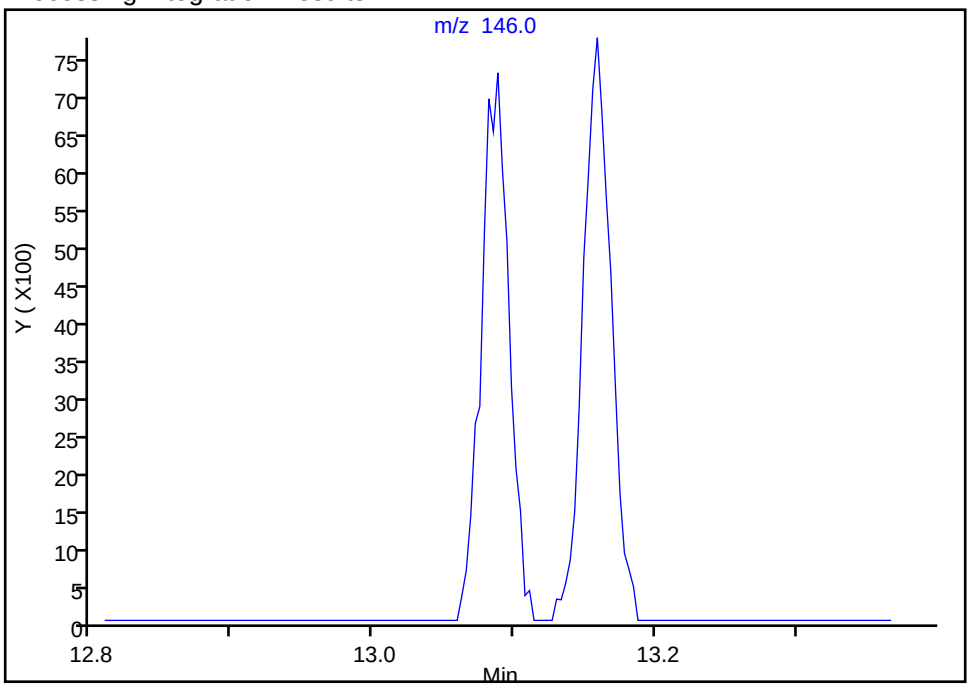
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D				
Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

164 1,3-Dichlorobenzene, CAS: 541-73-1

Signal: 1

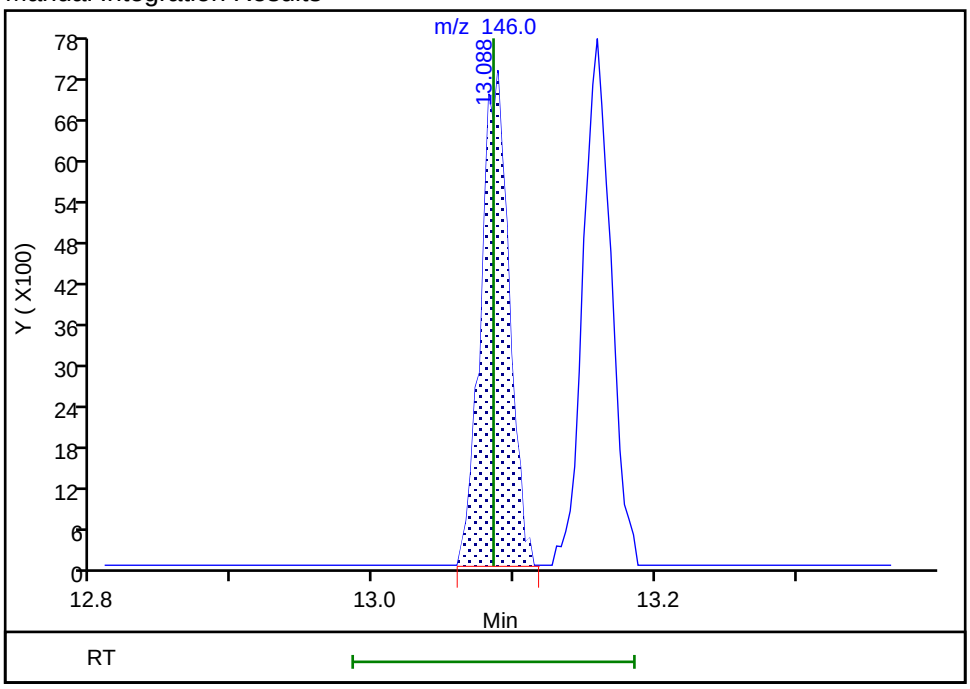
Not Detected
Expected RT: 13.09

Processing Integration Results



Manual Integration Results

RT: 13.09
Area: 10024
Amount: 0.929686
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:56:38 -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

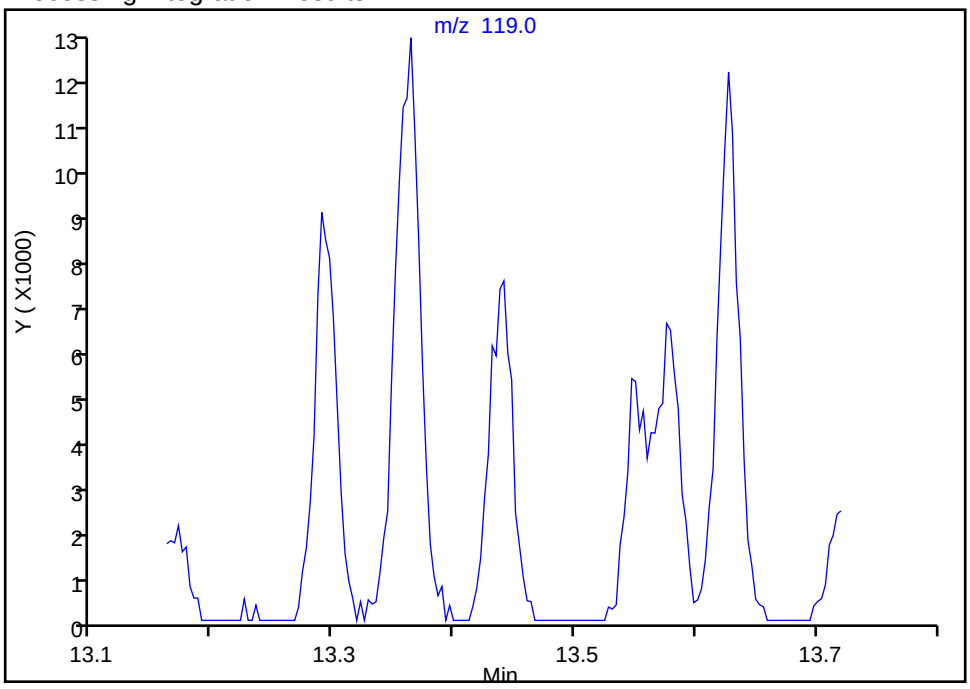
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D				
Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

175 o-diethylbenzene, CAS: 135-01-3

Signal: 1

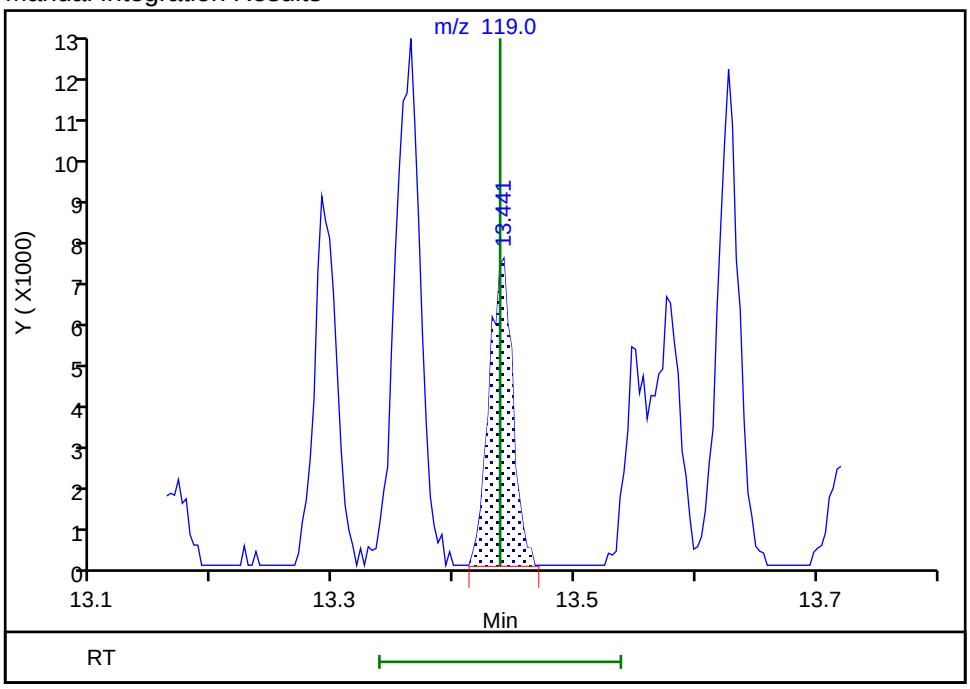
Not Detected
Expected RT: 13.44

Processing Integration Results



Manual Integration Results

RT: 13.44
Area: 10134
Amount: 0.930045
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:56:53 -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

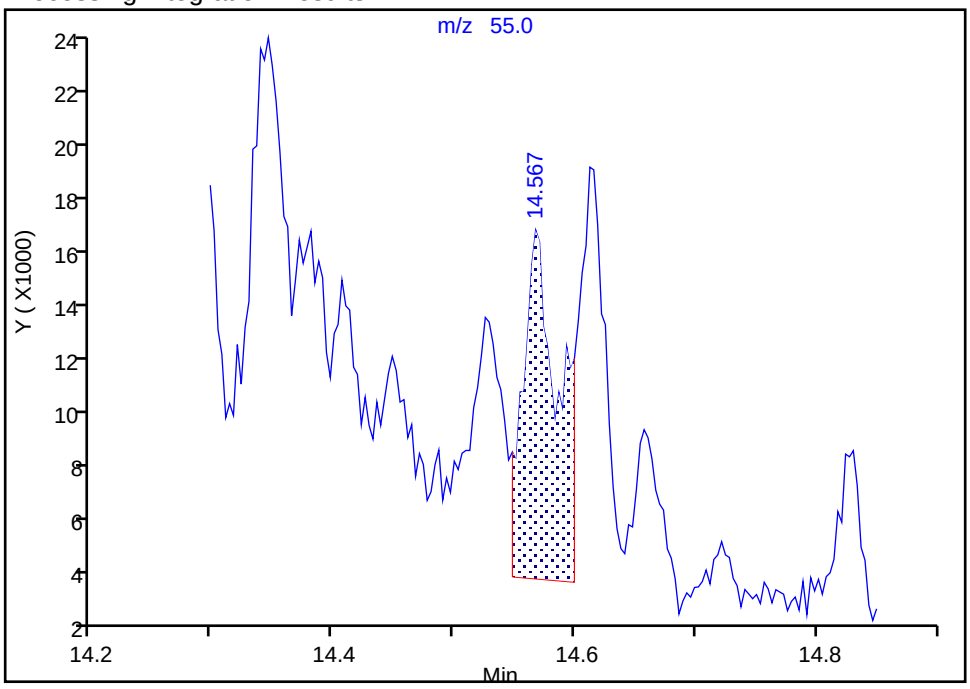
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X11.D				
Injection Date:	23-Jun-2025 18:50:30	Instrument ID:	9137		
Lims ID:	IC v1				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	11	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

180 2-Ethylhexyl acrylate, CAS: 103-11-7

Signal: 1

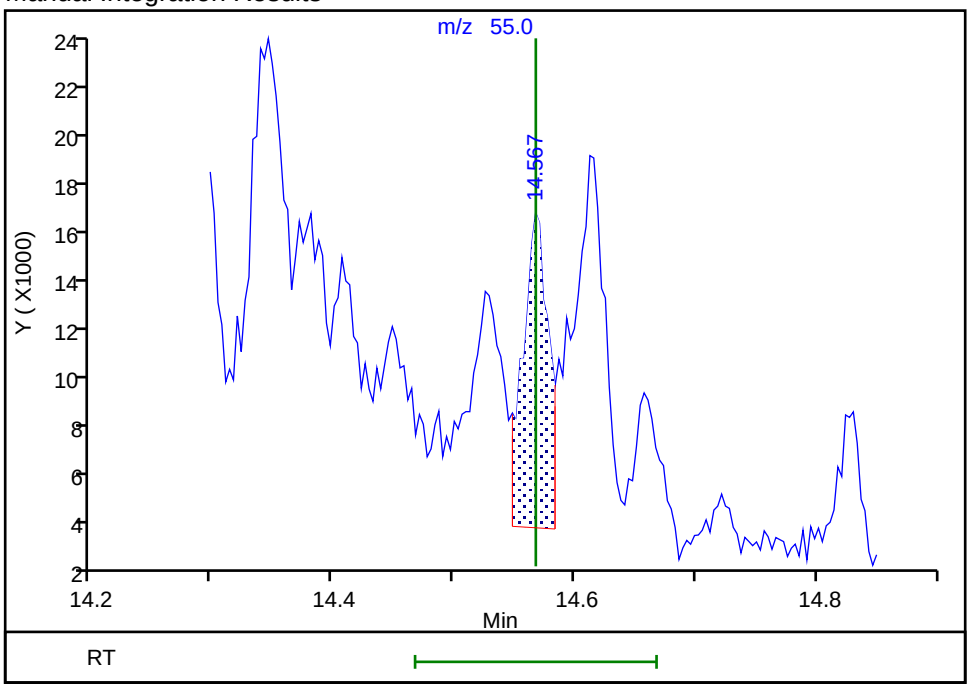
Processing Integration Results

RT: 14.57
Area: 25925
Amount: 3.491148
Amount Units: ug/l



Manual Integration Results

RT: 14.57
Area: 18764
Amount: 2.127224
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 21:52:41 -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\9137\20250623-151197.b\WU23X12.D
Lims ID: IC v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 23-Jun-2025 19:12:30 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-013
Misc. Info.: IC V4
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:54:55 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 20:58:01

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.982	1.982	0.000	97	43981	4.00	4.41	
7 Chloromethane	50	2.187	2.184	0.003	100	48090	4.00	4.47	
9 Vinyl chloride	62	2.296	2.300	-0.004	98	47263	4.00	4.46	
8 Butadiene	39	2.300	2.303	-0.003	87	48070	4.00	4.35	
12 Bromomethane	94	2.665	2.656	0.009	89	30288	4.00	4.31	
13 Chloroethane	64	2.730	2.727	0.003	99	24734	4.00	4.38	
14 Dichlorofluoromethane	67	2.993	2.999	-0.006	98	68015	4.00	4.31	
15 Trichlorofluoromethane	101	3.054	3.054	0.000	98	51698	4.00	4.36	
28 Pentane	43	3.079	3.073	0.006	96	34148	4.00	3.77	
17 Ethanol	45	3.269	3.247	0.023	27	30622	250.0	310.2	M
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.400	3.391	0.009	92	33510	4.00	4.42	
19 Acrolein	56	3.474	3.462	0.012	99	77243	39.0	35.1	
20 1,1-Dichloroethene	96	3.619	3.609	0.010	95	21000	4.00	4.11	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.644	3.648	-0.004	87	22867	4.00	3.87	
21 Acetone	58	3.667	3.651	0.016	81	7512	8.00	6.69	
23 Iodomethane	142	3.824	3.824	0.000	99	41427	4.00	4.19	
24 Isopropyl alcohol	45	3.885	3.879	0.006	29	31603	20.0	25.2	M
25 Carbon disulfide	76	3.959	3.959	0.000	88	72722	4.00	3.88	
27 Methyl acetate	43	4.074	4.068	0.006	93	32768	4.00	4.78	
30 3-Chloro-1-propene	41	4.093	4.090	0.003	93	31895	4.00	4.04	
33 Methylene Chloride	84	4.305	4.293	0.012	84	23868	4.00	4.11	
* 34 t-Butyl alcohol-d10 (IS)	65	4.363	4.379	-0.016	0	366587	250.0	250.0	
35 2-Methyl-2-propanol	59	4.446	4.501	-0.055	28	34400	20.0	20.6	M
36 Acrylonitrile	53	4.639	4.642	-0.003	97	38304	10.0	10.6	
38 trans-1,2-Dichloroethene	96	4.703	4.700	0.003	96	19330	4.00	4.03	
37 Methyl tert-butyl ether	73	4.706	4.716	-0.010	87	74211	4.00	4.14	
39 Hexane	57	5.136	5.137	-0.001	92	22383	4.00	3.88	
41 1,1-Dichloroethane	63	5.374	5.371	0.003	95	35089	4.00	4.08	
42 Isopropyl ether	45	5.438	5.432	0.006	96	68509	4.00	4.13	
43 2-Chloro-1,3-butadiene	53	5.489	5.486	0.003	94	31896	4.00	4.05	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.964	5.968	-0.004	97	69859	4.00	4.04	
S 45 1,2-Dichloroethene, Total	100				0			8.11	
46 2-Butanone (MEK)	43	6.179	6.170	0.009	93	38473	8.00	8.01	
47 cis-1,2-Dichloroethene	96	6.215	6.212	0.003	83	22577	4.00	4.08	
49 2,2-Dichloropropane	77	6.224	6.234	-0.010	73	34893	4.00	3.98	
50 Propionitrile	54	6.292	6.292	0.000	68	33357	20.0	19.2	
51 Methyl acrylate	55	6.295	6.305	-0.010	84	34651	4.00	4.08	
53 Methacrylonitrile	67	6.484	6.484	0.000	89	34205	10.0	10.1	
54 Chlorobromomethane	128	6.535	6.545	-0.010	77	11215	4.00	4.23	
55 Tetrahydrofuran	71	6.539	6.548	-0.009	84	29482	20.0	19.9	
56 Chloroform	83	6.693	6.693	0.000	93	38138	4.00	4.23	
$ 57 Dibromofluoromethane (Surr)	113	6.908	6.914	-0.006	92	219693	50.0	50.3	
58 1,1,1-Trichloroethane	97	6.924	6.918	0.006	92	34362	4.00	4.03	
59 Cyclohexane	56	7.020	7.017	0.003	92	39623	4.00	4.00	
62 1,1-Dichloropropene	75	7.136	7.133	0.004	97	30501	4.00	4.20	
61 Carbon tetrachloride	117	7.129	7.133	-0.003	95	26370	4.00	3.89	
64 Isobutyl alcohol	41	7.325	7.312	0.013	60	27557	50.0	50.7	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.367	7.370	-0.003	0	55530	50.0	50.1	
66 Benzene	78	7.399	7.399	0.000	95	88016	4.00	4.17	
69 1,2-Dichloroethane	62	7.472	7.469	0.003	96	27290	4.00	4.18	
70 Tert-amyl methyl ether	73	7.582	7.588	-0.006	99	67238	4.00	4.05	
* 73 Fluorobenzene (IS)	96	7.803	7.810	-0.007	99	926930	50.0	50.0	
74 n-Heptane	43	7.822	7.813	0.009	89	21034	4.00	3.96	
75 n-Butanol	56	8.194	8.172	0.022	71	19575	50.0	47.8	
76 Trichloroethene	95	8.281	8.278	0.003	99	21159	4.00	4.03	
77 Ethyl acrylate	55	8.397	8.394	0.003	98	36132	4.00	4.12	
78 Methylcyclohexane	83	8.583	8.589	-0.006	93	32401	4.00	3.82	
80 1,2-Dichloropropane	63	8.618	8.618	0.000	74	21900	4.00	4.12	
79 2-ethoxy-2-methyl butane	87	8.621	8.625	-0.004	91	30735	4.00	3.96	
81 Methyl methacrylate	69	8.701	8.702	-0.001	93	18827	4.00	3.89	
82 1,4-Dioxane	88	8.721	8.708	0.013	56	5942	50.0	56.2	M
83 Dibromomethane	93	8.727	8.731	-0.004	98	13414	4.00	4.03	
85 Dichlorobromomethane	83	8.965	8.965	0.000	98	22629	4.00	3.88	
86 2-Nitropropane	41	9.244	9.247	-0.003	98	41462	20.0	17.7	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	92	15042	4.00	3.97	
91 cis-1,3-Dichloropropene	75	9.510	9.510	0.000	96	29359	4.00	3.84	
92 4-Methyl-2-pentanone (MIBK)	43	9.687	9.684	0.003	97	70642	8.00	7.53	
$ 94 Toluene-d8 (Surr)	98	9.812	9.812	0.000	94	884244	50.0	50.7	
99 Toluene	92	9.886	9.889	-0.003	97	50154	4.00	4.08	
S 120 1,3-Dichloropropene, Total	100				0			7.74	
124 trans-1,3-Dichloropropene	75	10.149	10.142	0.007	93	25366	4.00	3.90	
126 Ethyl methacrylate	69	10.203	10.203	0.000	89	33476	4.00	3.98	
128 1,1,2-Trichloroethane	97	10.351	10.351	0.000	91	18209	4.00	4.07	
129 Tetrachloroethene	166	10.434	10.434	0.000	97	19929	4.00	4.07	
131 1,3-Dichloropropane	76	10.508	10.511	-0.003	93	30222	4.00	4.02	
133 2-Hexanone	43	10.563	10.563	0.000	96	48145	8.00	7.76	
135 Chlorodibromomethane	129	10.720	10.723	-0.003	89	15658	4.00	3.65	
136 Ethylene Dibromide	107	10.829	10.832	-0.003	98	19121	4.00	4.04	
S 137 Xylenes, Total	106				0			12.4	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	654568	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	87	26078	4.00	4.15	
140 Chlorobenzene	112	11.288	11.288	0.000	94	52816	4.00	4.09	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 1,1,1,2-Tetrachloroethane	131	11.371	11.371	0.000	91	18638	4.00	3.81	
142 Ethylbenzene	91	11.378	11.371	0.007	98	100863	4.00	4.15	
143 m-Xylene & p-Xylene	106	11.490	11.487	0.003	0	76172	8.00	8.27	
144 n-Butyl acrylate	55	11.766	11.763	0.003	97	48461	4.00	4.14	
145 o-Xylene	106	11.821	11.818	0.002	97	39936	4.00	4.10	
146 Styrene	104	11.830	11.830	0.000	94	59207	4.00	4.05	
147 Bromoform	173	11.991	11.988	0.003	96	11503	4.00	3.63	
148 Isopropylbenzene	105	12.116	12.116	0.000	96	89235	4.00	4.04	
150 Cyclohexanone	55	12.196	12.199	-0.003	92	84803	200.0	213.5	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	331503	50.0	50.6	
152 1,1,2,2-Tetrachloroethane	83	12.363	12.366	-0.003	94	36366	4.00	3.99	
153 Bromobenzene	156	12.379	12.379	0.000	97	22723	4.00	3.97	
154 trans-1,4-Dichloro-2-butene	53	12.385	12.389	-0.004	90	25450	10.0	9.80	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	86	11968	4.00	4.26	
156 N-Propylbenzene	91	12.446	12.446	0.000	98	111285	4.00	4.02	
157 2-Chlorotoluene	126	12.523	12.523	0.000	97	23653	4.00	4.11	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	94	80097	4.00	3.86	
159 4-Chlorotoluene	126	12.616	12.617	-0.001	97	21356	4.00	3.94	
160 tert-Butylbenzene	134	12.828	12.825	0.003	93	14415	4.00	3.80	
162 1,2,4-Trimethylbenzene	105	12.863	12.864	-0.001	97	84805	4.00	3.84	
163 sec-Butylbenzene	105	12.985	12.986	-0.001	94	93264	4.00	3.80	
164 1,3-Dichlorobenzene	146	13.082	13.085	-0.003	95	42891	4.00	4.05	
165 4-Isopropyltoluene	119	13.094	13.091	0.003	98	82470	4.00	3.88	
* 166 1,4-Dichlorobenzene-d4	152	13.143	13.143	0.000	95	372306	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	95	44466	4.00	4.11	
169 1,2,3-Trimethylbenzene	105	13.168	13.172	-0.004	98	90062	4.00	3.78	
170 Benzyl chloride	91	13.236	13.236	0.000	98	62794	4.00	3.74	
171 1,3-Diethylbenzene	119	13.290	13.294	-0.004	94	46911	4.00	3.82	
172 p-Diethylbenzene	119	13.364	13.364	0.000	93	50471	4.00	3.65	
173 n-Butylbenzene	92	13.386	13.383	0.003	98	40321	4.00	3.94	
174 1,2-Dichlorobenzene	146	13.419	13.422	-0.003	97	46878	4.00	4.11	
175 o-diethylbenzene	119	13.435	13.438	-0.003	96	41653	4.00	3.89	
177 1,2-Dibromo-3-Chloropropane	75	13.964	13.964	0.000	79	10325	4.00	3.68	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	97	30726	4.00	4.01	
179 1,2,4-Trichlorobenzene	180	14.513	14.513	0.000	95	31599	4.00	4.09	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	81	31027	4.00	3.58	
181 Hexachlorobutadiene	225	14.593	14.593	0.000	95	9900	4.00	3.71	
182 Naphthalene	128	14.696	14.696	0.000	97	135179	4.00	3.71	
183 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	94	31743	4.00	3.99	
184 2-Methylnaphthalene	142	15.475	15.476	-0.001	92	56100	4.00	3.62	
S 210 Total Diethylbenzene	1				0			11.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	32.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	4.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	20.00	Units: uL	
MSV_CCV_GASES_01053	Amount Added:	2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

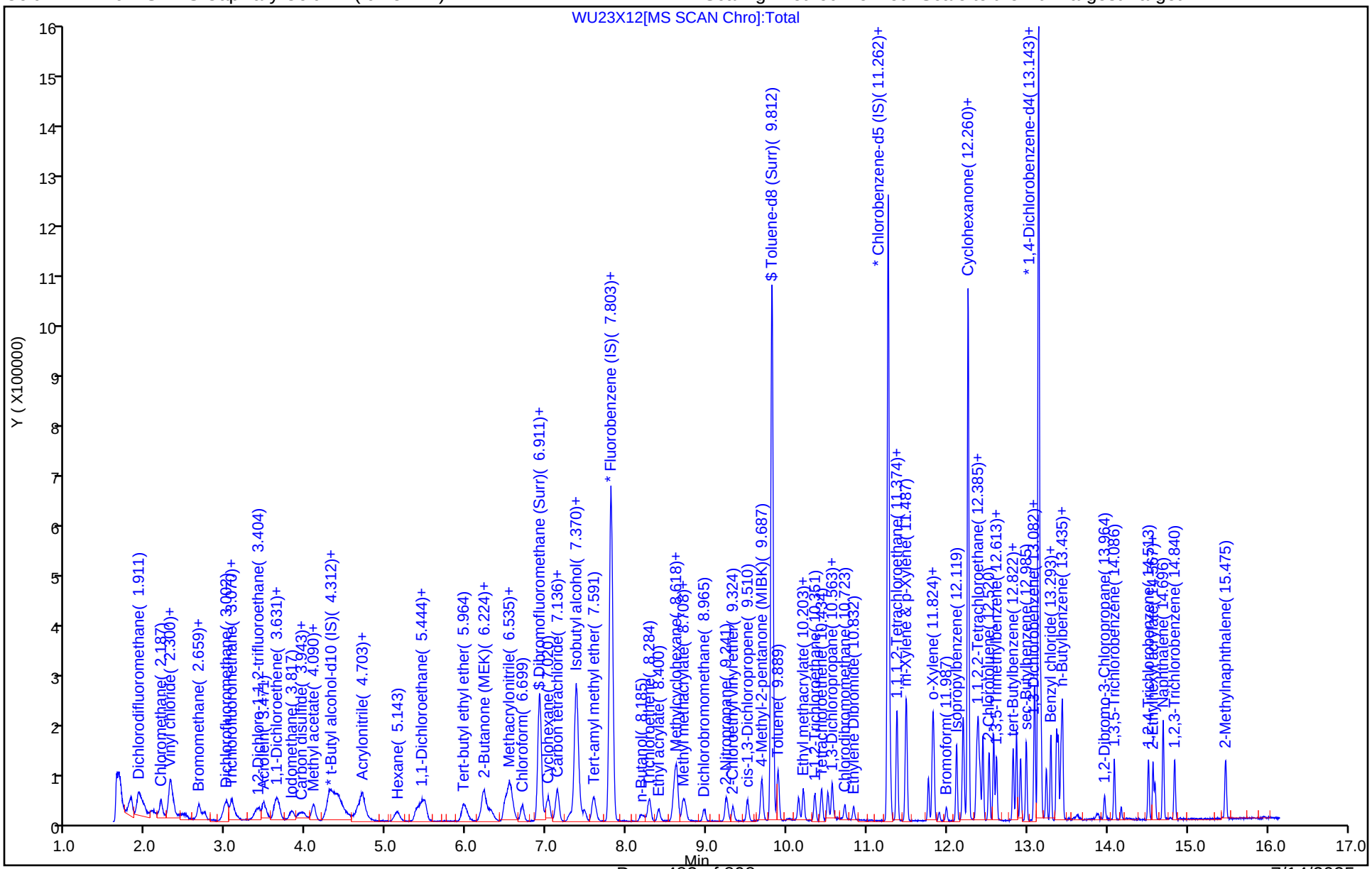
Report Date: 25-Jun-2025 08:54:55 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X12.D

Injection Date:	23-Jun-2025 19:12:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC v4			Worklist Smp#:	13
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	12
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

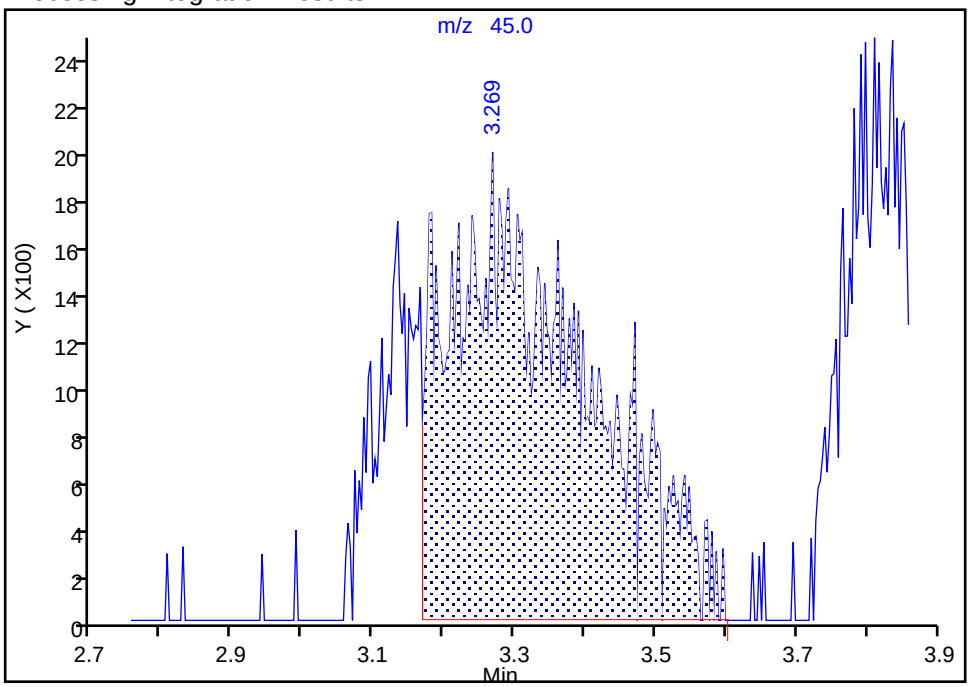
Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X12.D
Injection Date: 23-Jun-2025 19:12:30 Instrument ID: 9137
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9137 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

17 Ethanol, CAS: 64-17-5

Signal: 1

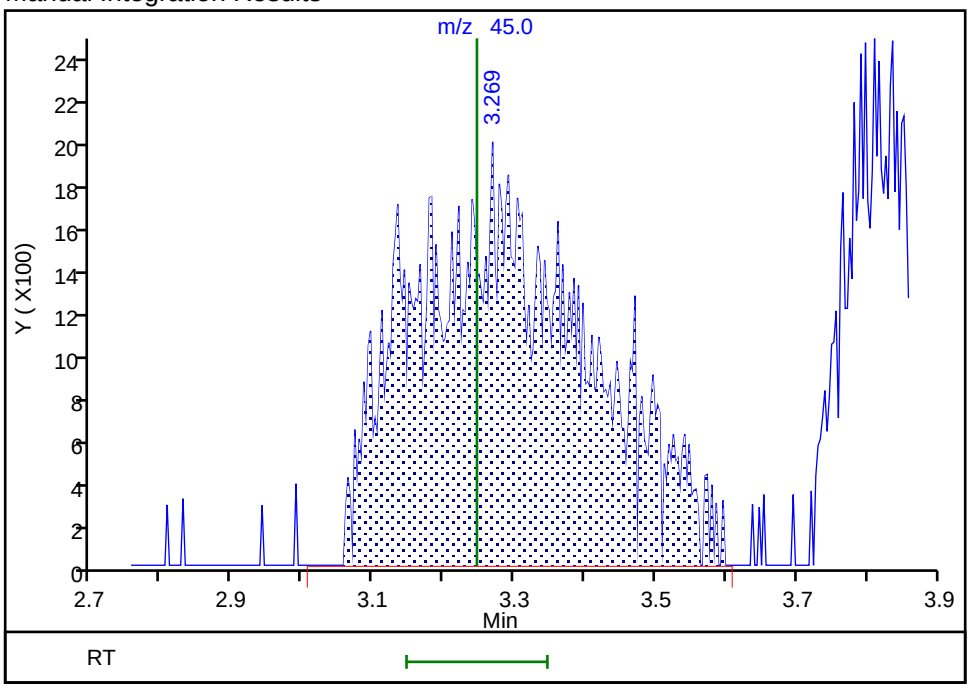
Processing Integration Results

RT: 3.27
Area: 24649
Amount: 275.3820
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 30622
Amount: 310.1563
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:57:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

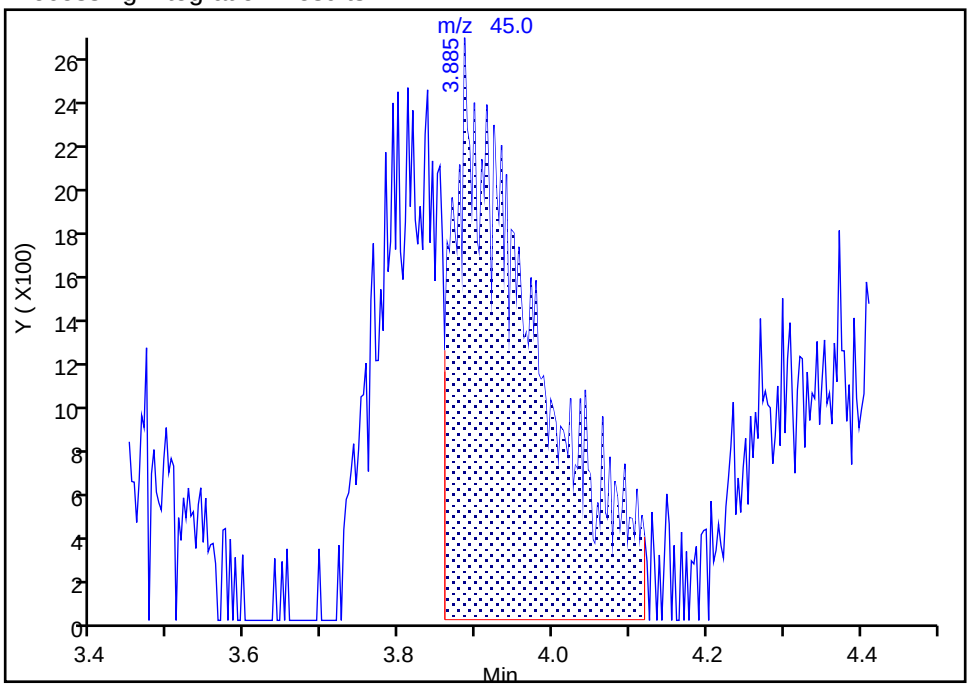
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X12.D				
Injection Date:	23-Jun-2025 19:12:30	Instrument ID:	9137		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

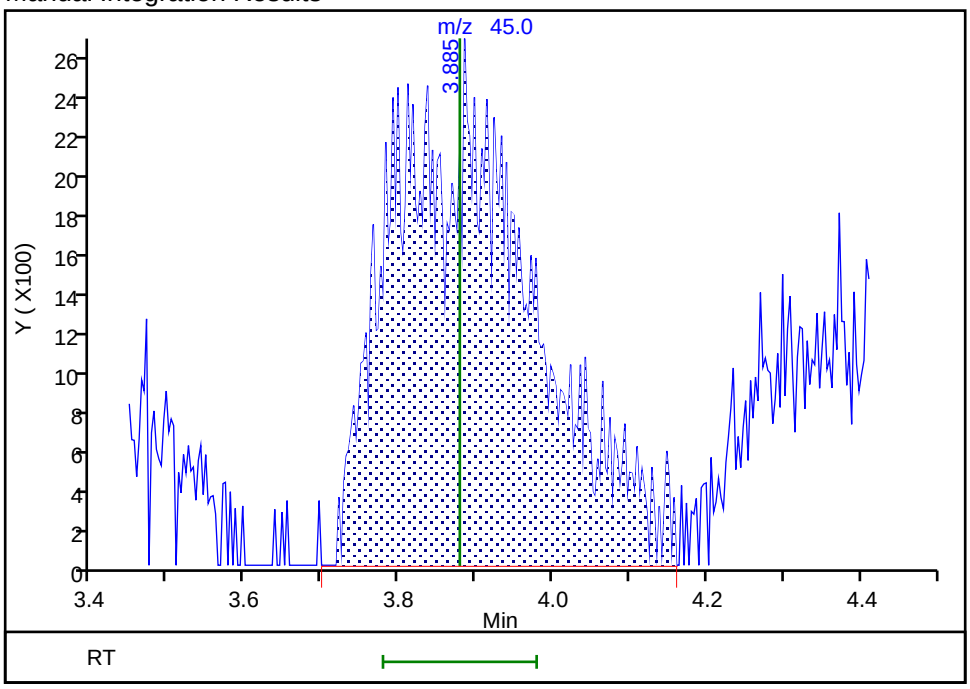
Processing Integration Results

RT: 3.88
Area: 18705
Amount: 19.220117
Amount Units: ug/l



Manual Integration Results

RT: 3.88
Area: 31603
Amount: 25.248384
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:57:53 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

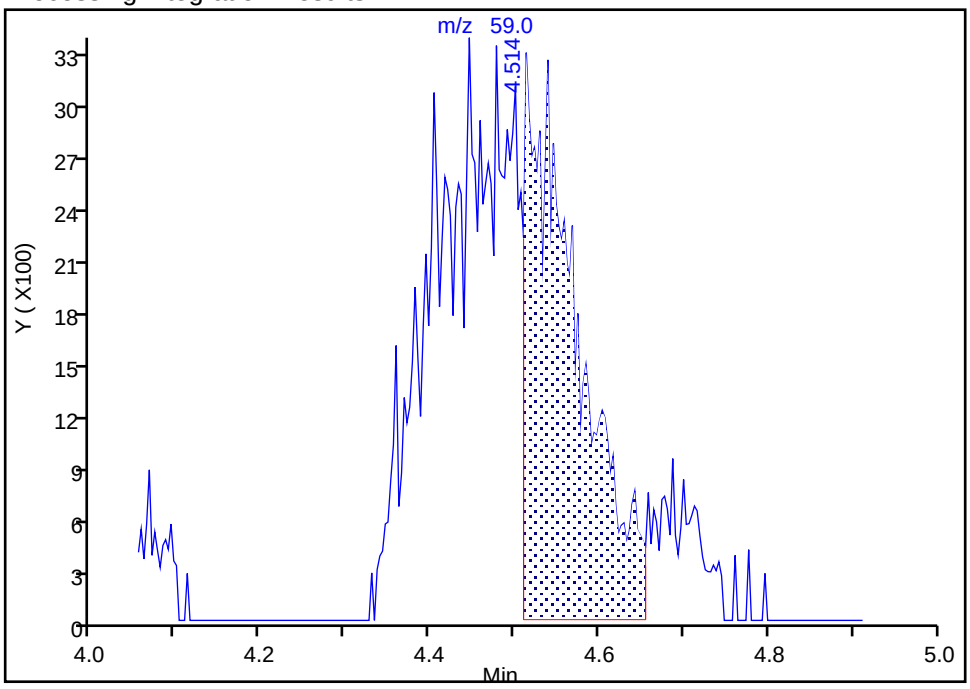
Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X12.D
Injection Date: 23-Jun-2025 19:12:30 Instrument ID: 9137
Lims ID: IC v4
Client ID:
Operator ID: knk41612 ALS Bottle#: 12 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9137 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

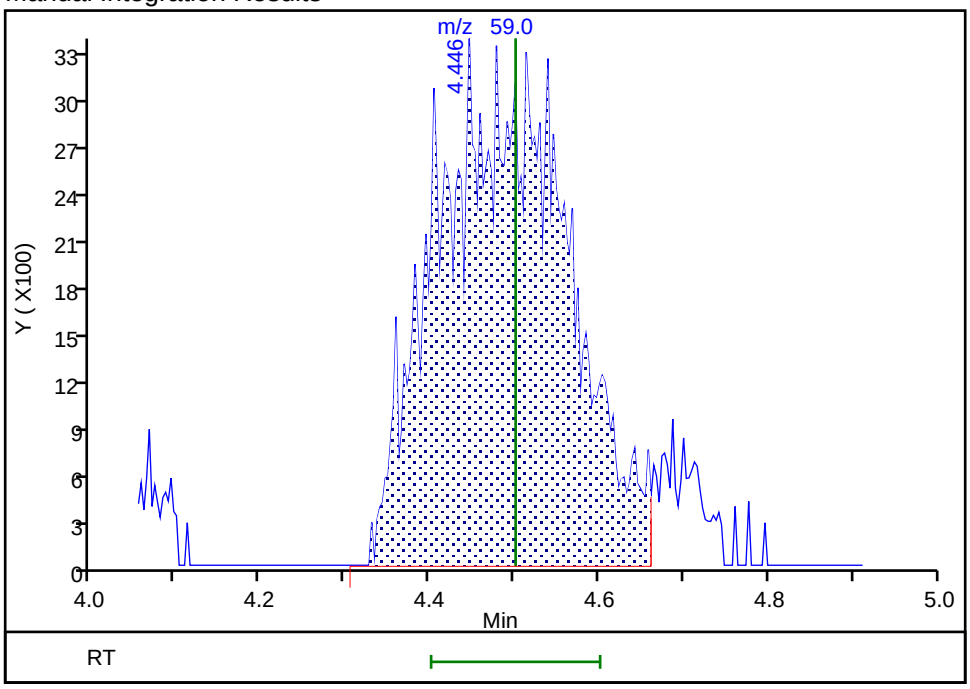
Processing Integration Results

RT: 4.51
Area: 13620
Amount: 16.671552
Amount Units: ug/l



Manual Integration Results

RT: 4.45
Area: 34400
Amount: 20.570548
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:59:01 -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

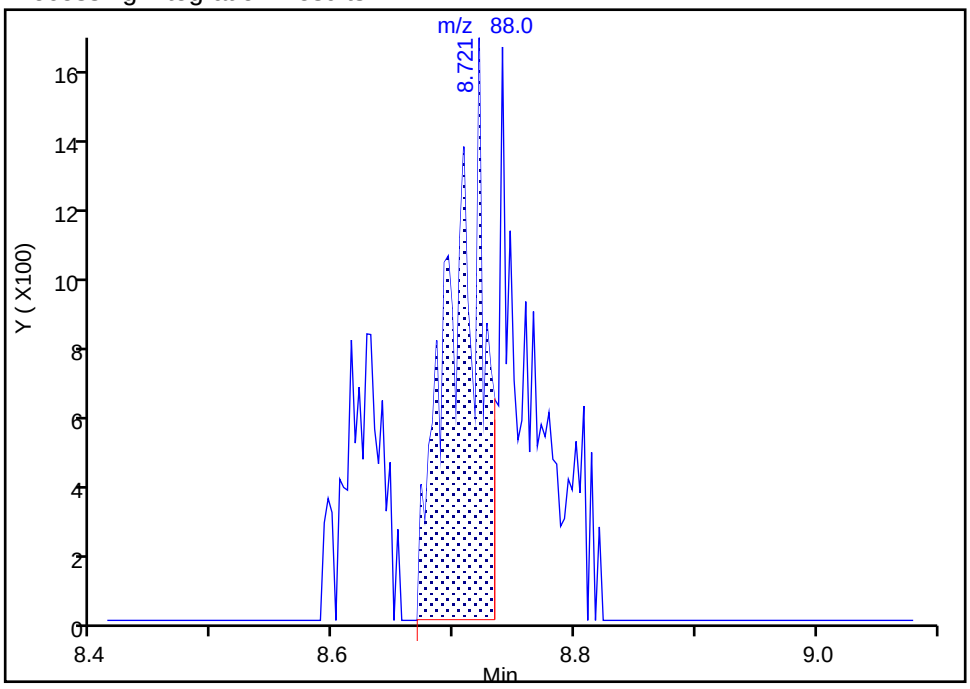
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X12.D				
Injection Date:	23-Jun-2025 19:12:30	Instrument ID:	9137		
Lims ID:	IC v4				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	12	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

82 1,4-Dioxane, CAS: 123-91-1

Signal: 1

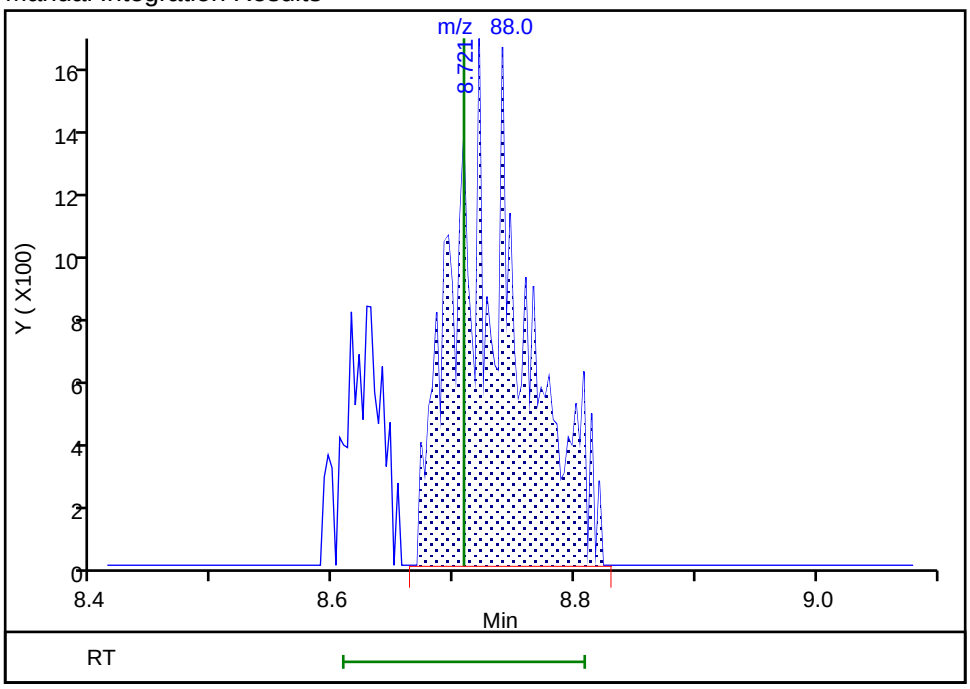
Processing Integration Results

RT: 8.72
Area: 3040
Amount: 41.885356
Amount Units: ug/l



Manual Integration Results

RT: 8.72
Area: 5942
Amount: 56.172654
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:59:17 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X13.D
Lims ID: IC v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 23-Jun-2025 19:34:30 ALS Bottle#: 13 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-014
Misc. Info.: IC V10
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:55:09 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 21:00:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.982	1.982	0.000	100	111628	10.0	11.3	
7 Chloromethane	50	2.187	2.184	0.003	99	113981	10.0	10.7	
9 Vinyl chloride	62	2.306	2.300	0.006	98	112979	10.0	10.8	
8 Butadiene	39	2.303	2.303	0.000	87	117195	10.0	10.7	
12 Bromomethane	94	2.659	2.656	0.003	90	76203	10.0	11.0	
13 Chloroethane	64	2.733	2.727	0.006	99	61657	10.0	11.0	
14 Dichlorofluoromethane	67	2.999	2.999	0.000	97	170231	10.0	10.9	
15 Trichlorofluoromethane	101	3.063	3.054	0.009	96	130009	10.0	11.1	
28 Pentane	43	3.073	3.073	0.000	97	83681	10.0	9.32	
17 Ethanol	45	3.259	3.247	0.013	90	42152	500.0	456.4	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.391	3.391	0.000	95	82139	10.0	10.9	
19 Acrolein	56	3.468	3.462	0.006	98	208720	97.6	101.4	
20 1,1-Dichloroethene	96	3.619	3.609	0.010	97	50927	10.0	10.1	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.638	3.648	-0.010	95	61565	10.0	10.5	
21 Acetone	58	3.641	3.651	-0.010	73	21791	20.0	20.7	
23 Iodomethane	142	3.824	3.824	0.000	97	97158	10.0	9.91	
24 Isopropyl alcohol	45	3.866	3.879	-0.013	76	59500	50.0	50.8	
25 Carbon disulfide	76	3.943	3.959	-0.016	98	180621	10.0	9.73	
27 Methyl acetate	43	4.068	4.068	0.000	96	58520	10.0	8.61	
30 3-Chloro-1-propene	41	4.087	4.090	-0.003	93	74096	10.0	9.48	
33 Methylene Chloride	84	4.293	4.293	-0.001	96	54601	10.0	9.50	
* 34 t-Butyl alcohol-d10 (IS)	65	4.386	4.379	0.007	0	342899	250.0	250.0	
35 2-Methyl-2-propanol	59	4.491	4.501	-0.010	96	73121	50.0	46.7	
36 Acrylonitrile	53	4.633	4.642	-0.009	98	86785	25.0	24.2	
38 trans-1,2-Dichloroethene	96	4.706	4.700	0.006	97	46611	10.0	9.80	
37 Methyl tert-butyl ether	73	4.710	4.716	-0.006	88	171912	10.0	9.68	
39 Hexane	57	5.133	5.137	-0.004	92	58512	10.0	10.2	
41 1,1-Dichloroethane	63	5.371	5.371	0.000	96	82144	10.0	9.63	
42 Isopropyl ether	45	5.428	5.432	-0.004	91	155355	10.0	9.46	
43 2-Chloro-1,3-butadiene	53	5.480	5.486	-0.006	91	76727	10.0	9.84	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.968	5.968	0.000	97	165710	10.0	9.67	
S 45 1,2-Dichloroethene, Total	100				0			20.0	
46 2-Butanone (MEK)	43	6.170	6.170	0.000	97	96899	20.0	20.4	
47 cis-1,2-Dichloroethene	96	6.215	6.212	0.003	81	55865	10.0	10.2	
49 2,2-Dichloropropane	77	6.231	6.234	-0.003	91	85936	10.0	9.89	
50 Propionitrile	54	6.269	6.292	-0.023	93	73663	50.0	45.2	
51 Methyl acrylate	55	6.304	6.305	-0.001	98	84248	10.0	10.0	
53 Methacrylonitrile	67	6.484	6.484	0.000	90	77842	25.0	23.3	
54 Chlorobromomethane	128	6.545	6.545	0.000	88	26028	10.0	9.91	
55 Tetrahydrofuran	71	6.545	6.548	-0.003	85	62916	50.0	45.5	
56 Chloroform	83	6.693	6.693	0.000	93	83210	10.0	9.32	
$ 57 Dibromofluoromethane (Surr)	113	6.914	6.914	0.000	94	219394	50.0	50.7	
58 1,1,1-Trichloroethane	97	6.917	6.918	-0.001	96	83388	10.0	9.87	
59 Cyclohexane	56	7.014	7.017	-0.003	90	98981	10.0	10.1	
62 1,1-Dichloropropene	75	7.136	7.133	0.004	94	69567	10.0	9.67	
61 Carbon tetrachloride	117	7.132	7.133	0.000	87	66867	10.0	9.96	
64 Isobutyl alcohol	41	7.290	7.312	-0.022	87	58625	125.0	115.2	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.370	7.370	0.000	0	54705	50.0	49.8	
66 Benzene	78	7.396	7.399	-0.003	94	200941	10.0	9.61	
69 1,2-Dichloroethane	62	7.473	7.469	0.004	97	59831	10.0	9.25	
70 Tert-amyl methyl ether	73	7.585	7.588	-0.003	99	154155	10.0	9.38	
* 73 Fluorobenzene (IS)	96	7.803	7.810	-0.007	99	917990	50.0	50.0	
74 n-Heptane	43	7.809	7.813	-0.004	69	49097	10.0	9.33	
75 n-Butanol	56	8.188	8.172	0.016	89	42667	125.0	111.5	
76 Trichloroethene	95	8.284	8.278	0.006	99	50785	10.0	9.77	
77 Ethyl acrylate	55	8.397	8.394	0.003	98	87268	10.0	10.0	
78 Methylcyclohexane	83	8.586	8.589	-0.003	90	81300	10.0	9.68	
80 1,2-Dichloropropane	63	8.618	8.618	0.000	73	49301	10.0	9.38	
79 2-ethoxy-2-methyl butane	87	8.625	8.625	0.000	94	72346	10.0	9.41	
81 Methyl methacrylate	69	8.705	8.702	0.003	91	44566	10.0	9.31	
82 1,4-Dioxane	88	8.714	8.708	0.006	33	11169	125.0	112.9	
83 Dibromomethane	93	8.724	8.731	-0.007	97	31633	10.0	9.59	
85 Dichlorobromomethane	83	8.968	8.965	0.003	99	53180	10.0	9.21	
86 2-Nitropropane	41	9.244	9.247	-0.003	98	95551	50.0	43.7	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	90	35817	10.0	9.54	
91 cis-1,3-Dichloropropene	75	9.507	9.510	-0.003	96	69016	10.0	9.12	
92 4-Methyl-2-pentanone (MIBK)	43	9.680	9.684	-0.004	96	190707	20.0	20.5	
$ 94 Toluene-d8 (Surr)	98	9.815	9.812	0.003	93	882687	50.0	51.0	
99 Toluene	92	9.892	9.889	0.003	98	121880	10.0	10.0	
S 120 1,3-Dichloropropene, Total	100				0			18.3	
124 trans-1,3-Dichloropropene	75	10.146	10.142	0.004	94	59148	10.0	9.15	
126 Ethyl methacrylate	69	10.207	10.203	0.004	89	78698	10.0	9.43	
128 1,1,2-Trichloroethane	97	10.348	10.351	-0.003	89	42288	10.0	9.51	
129 Tetrachloroethene	166	10.428	10.434	-0.006	96	47368	10.0	9.76	
131 1,3-Dichloropropane	76	10.508	10.511	-0.003	89	71578	10.0	9.59	
133 2-Hexanone	43	10.563	10.563	0.000	96	130320	20.0	21.2	
135 Chlorodibromomethane	129	10.720	10.723	-0.003	90	39072	10.0	9.18	
136 Ethylene Dibromide	107	10.829	10.832	-0.003	98	45529	10.0	9.68	
S 137 Xylenes, Total	106				0			29.9	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	649734	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	95	59121	10.0	9.47	
140 Chlorobenzene	112	11.288	11.288	0.000	95	123113	10.0	9.61	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 1,1,1,2-Tetrachloroethane	131	11.371	11.371	0.000	95	46486	10.0	9.58	
142 Ethylbenzene	91	11.375	11.371	0.004	98	239018	10.0	9.91	
143 m-Xylene & p-Xylene	106	11.487	11.487	0.000	0	181536	20.0	19.9	
144 n-Butyl acrylate	55	11.766	11.763	0.003	96	122664	10.0	10.6	
145 o-Xylene	106	11.821	11.818	0.003	96	97451	10.0	10.1	
146 Styrene	104	11.833	11.830	0.003	94	141849	10.0	9.77	
147 Bromoform	173	11.987	11.988	-0.001	93	27620	10.0	8.79	
148 Isopropylbenzene	105	12.116	12.116	0.000	96	214587	10.0	9.79	
150 Cyclohexanone	55	12.199	12.199	0.000	93	87010	250.0	234.2	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	333598	50.0	51.3	
152 1,1,2,2-Tetrachloroethane	83	12.363	12.366	-0.003	95	85571	10.0	9.40	
153 Bromobenzene	156	12.379	12.379	0.000	98	54200	10.0	9.48	
154 trans-1,4-Dichloro-2-butene	53	12.389	12.389	0.000	85	57818	25.0	22.3	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	85	26770	10.0	9.55	
156 N-Propylbenzene	91	12.443	12.446	-0.003	99	262605	10.0	9.50	
157 2-Chlorotoluene	126	12.520	12.523	-0.003	96	55291	10.0	9.64	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	94	191225	10.0	9.23	
159 4-Chlorotoluene	126	12.613	12.617	-0.004	98	52230	10.0	9.65	
160 tert-Butylbenzene	134	12.825	12.825	0.000	93	32751	10.0	8.66	
162 1,2,4-Trimethylbenzene	105	12.864	12.864	0.000	97	195527	10.0	8.88	
163 sec-Butylbenzene	105	12.985	12.986	-0.001	94	224200	10.0	9.16	
164 1,3-Dichlorobenzene	146	13.085	13.085	0.000	97	100375	10.0	9.51	
165 4-Isopropyltoluene	119	13.091	13.091	0.000	97	190662	10.0	8.99	
* 166 1,4-Dichlorobenzene-d4	152	13.139	13.143	-0.004	95	371439	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	96	100980	10.0	9.35	
169 1,2,3-Trimethylbenzene	105	13.172	13.172	0.000	99	211904	10.0	8.91	
170 Benzyl chloride	91	13.236	13.236	0.000	99	154524	10.0	9.22	
171 1,3-Diethylbenzene	119	13.294	13.294	0.000	95	110082	10.0	8.98	
172 p-Diethylbenzene	119	13.364	13.364	0.000	95	118030	10.0	8.56	
173 n-Butylbenzene	92	13.387	13.383	0.004	98	93358	10.0	9.15	
174 1,2-Dichlorobenzene	146	13.419	13.422	-0.003	98	108219	10.0	9.50	
175 o-diethylbenzene	119	13.438	13.438	0.000	96	95593	10.0	8.96	
177 1,2-Dibromo-3-Chloropropane	75	13.961	13.964	-0.003	80	25468	10.0	9.10	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	97	70495	10.0	9.23	
179 1,2,4-Trichlorobenzene	180	14.510	14.513	-0.003	94	70877	10.0	9.19	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	81	82032	10.0	9.50	
181 Hexachlorobutadiene	225	14.596	14.593	0.003	96	24493	10.0	9.19	
182 Naphthalene	128	14.696	14.696	0.000	97	317364	10.0	8.74	
183 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	95	71693	10.0	9.03	
184 2-Methylnaphthalene	142	15.472	15.476	-0.004	91	127092	10.0	8.22	
S 210 Total Diethylbenzene	1				0			26.5	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	2.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	8.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	1.60	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	2.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	8.00	Units: uL	
MSV_CCV_GASES_01053	Amount Added:	1.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	2.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 25-Jun-2025 08:55:09 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X13.D

Injection Date: 23-Jun-2025 19:34:30 Instrument ID: 9137 Operator ID: knk41612

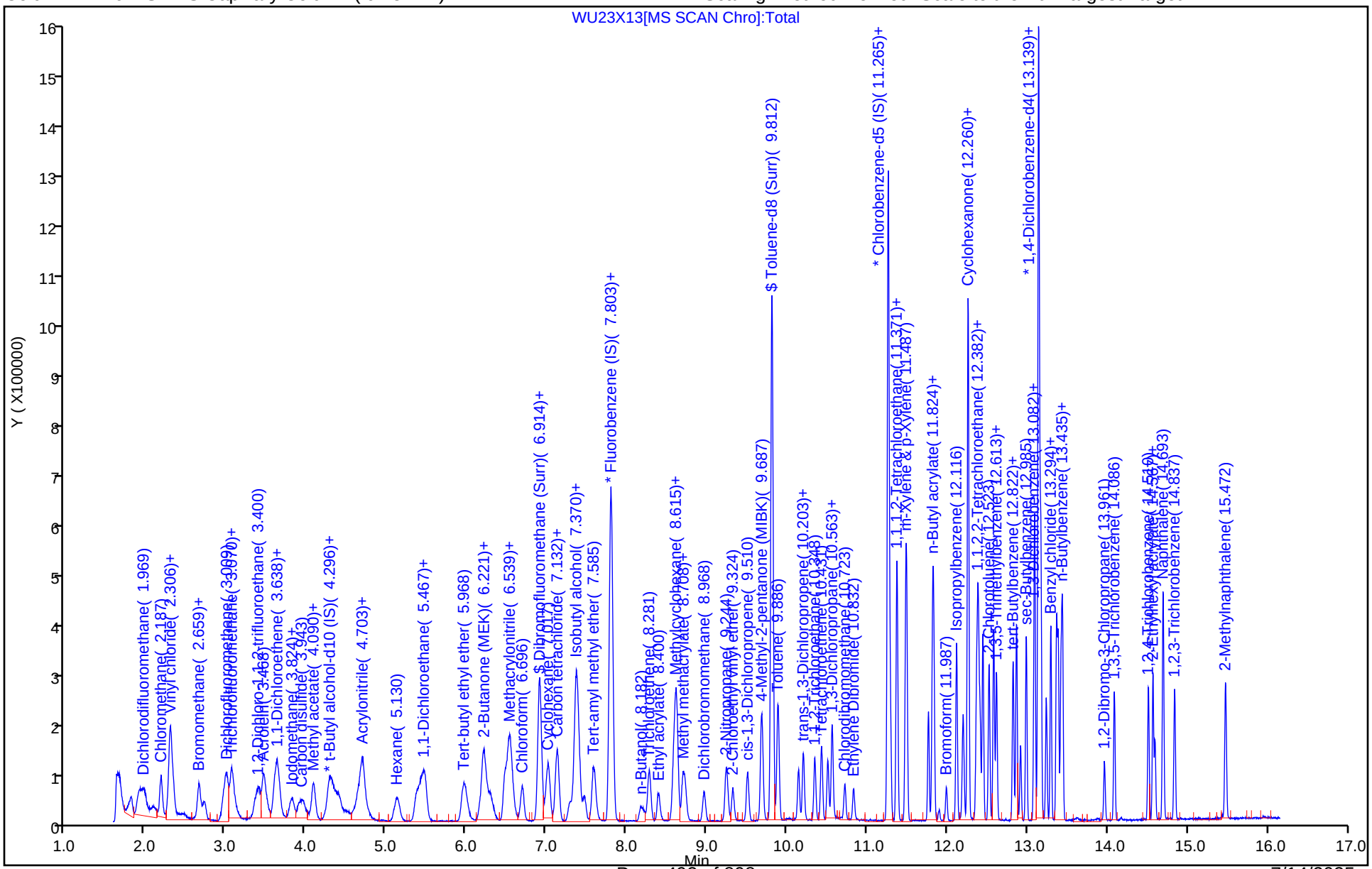
Lims ID: IC v10 Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: MSVoa_9137 Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X14.D
Lims ID: IC v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 23-Jun-2025 19:56:30 ALS Bottle#: 14 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-015
Misc. Info.: IC V20
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:55:23 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 21:01:04

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.979	1.982	-0.003	99	219122	20.0	21.9	
7 Chloromethane	50	2.184	2.184	0.000	99	228064	20.0	21.2	
9 Vinyl chloride	62	2.303	2.300	0.003	98	224712	20.0	21.2	
8 Butadiene	39	2.300	2.303	-0.003	84	233381	20.0	21.1	
12 Bromomethane	94	2.659	2.656	0.003	90	150572	20.0	21.4	
13 Chloroethane	64	2.723	2.727	-0.004	99	116628	20.0	20.6	
14 Dichlorofluoromethane	67	3.002	2.999	0.003	97	333030	20.0	21.1	
15 Trichlorofluoromethane	101	3.060	3.054	0.006	97	261377	20.0	22.0	
28 Pentane	43	3.073	3.073	0.000	97	193371	20.0	21.3	
17 Ethanol	45	3.230	3.247	-0.016	92	85175	1000.0	959.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.381	3.391	-0.010	92	160231	20.0	21.1	
19 Acrolein	56	3.464	3.462	0.002	99	408667	195.2	206.6	
20 1,1-Dichloroethene	96	3.618	3.609	0.009	98	109880	20.0	21.5	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.654	3.648	0.006	94	130066	20.0	22.0	
21 Acetone	58	3.651	3.651	0.000	74	42322	40.0	41.9	
23 Iodomethane	142	3.814	3.824	-0.010	97	207622	20.0	20.9	
24 Isopropyl alcohol	45	3.901	3.879	0.022	40	113728	100.0	101.1	
25 Carbon disulfide	76	3.962	3.959	0.003	99	390290	20.0	20.8	
27 Methyl acetate	43	4.077	4.068	0.009	99	127285	20.0	18.5	
30 3-Chloro-1-propene	41	4.097	4.090	0.007	92	161045	20.0	20.4	
33 Methylene Chloride	84	4.289	4.293	-0.004	96	120470	20.0	20.7	
* 34 t-Butyl alcohol-d10 (IS)	65	4.357	4.379	-0.022	0	329489	250.0	250.0	
35 2-Methyl-2-propanol	59	4.459	4.501	-0.042	96	146451	100.0	97.4	
36 Acrylonitrile	53	4.636	4.642	-0.006	99	180498	50.0	49.9	
38 trans-1,2-Dichloroethene	96	4.700	4.700	0.000	100	103278	20.0	21.5	
37 Methyl tert-butyl ether	73	4.697	4.716	-0.019	90	364902	20.0	20.3	
39 Hexane	57	5.127	5.137	-0.010	93	138589	20.0	24.0	
41 1,1-Dichloroethane	63	5.371	5.371	0.000	96	180926	20.0	21.0	
42 Isopropyl ether	45	5.432	5.432	0.000	94	342461	20.0	20.6	
43 2-Chloro-1,3-butadiene	53	5.480	5.486	-0.006	91	167472	20.0	21.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.967	5.968	-0.001	98	349868	20.0	20.2	
S 45 1,2-Dichloroethene, Total	100				0			42.2	
46 2-Butanone (MEK)	43	6.170	6.170	0.000	98	185996	40.0	38.7	
47 cis-1,2-Dichloroethene	96	6.218	6.212	0.006	84	114884	20.0	20.7	
49 2,2-Dichloropropane	77	6.224	6.234	-0.010	91	184560	20.0	21.0	
50 Propionitrile	54	6.285	6.292	-0.007	77	162104	100.0	103.6	
51 Methyl acrylate	55	6.304	6.305	-0.001	98	159728	20.0	18.8	
53 Methacrylonitrile	67	6.487	6.484	0.003	89	169648	50.0	50.3	
54 Chlorobromomethane	128	6.539	6.545	-0.006	96	55811	20.0	21.0	
55 Tetrahydrofuran	71	6.558	6.548	0.010	85	136132	100.0	102.4	
56 Chloroform	83	6.693	6.693	0.000	95	176245	20.0	19.5	
$ 57 Dibromofluoromethane (Surr)	113	6.911	6.914	-0.003	93	220863	50.0	50.5	
58 1,1,1-Trichloroethane	97	6.924	6.918	0.006	87	181575	20.0	21.3	
59 Cyclohexane	56	7.020	7.017	0.003	90	223003	20.0	22.5	
62 1,1-Dichloropropene	75	7.132	7.133	0.000	94	153628	20.0	21.1	
61 Carbon tetrachloride	117	7.129	7.133	-0.003	94	143598	20.0	21.1	
64 Isobutyl alcohol	41	7.299	7.312	-0.013	91	113042	250.0	231.2	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.370	7.370	0.000	0	55748	50.0	50.2	
66 Benzene	78	7.399	7.399	0.000	97	443091	20.0	21.0	
69 1,2-Dichloroethane	62	7.469	7.469	0.000	97	133759	20.0	20.4	
70 Tert-amyl methyl ether	73	7.588	7.588	0.000	99	333894	20.0	20.1	
* 73 Fluorobenzene (IS)	96	7.803	7.810	-0.007	99	928088	50.0	50.0	
74 n-Heptane	43	7.813	7.813	0.000	90	122875	20.0	23.1	
75 n-Butanol	56	8.185	8.172	0.013	88	90915	250.0	247.2	
76 Trichloroethene	95	8.284	8.278	0.006	99	111870	20.0	21.3	
77 Ethyl acrylate	55	8.397	8.394	0.003	99	164252	20.0	18.7	
78 Methylcyclohexane	83	8.589	8.589	0.000	91	199842	20.0	23.5	
80 1,2-Dichloropropane	63	8.621	8.618	0.003	74	107963	20.0	20.3	
79 2-ethoxy-2-methyl butane	87	8.628	8.625	0.003	93	157285	20.0	20.2	
81 Methyl methacrylate	69	8.701	8.702	-0.001	91	96999	20.0	20.0	
82 1,4-Dioxane	88	8.708	8.708	0.000	39	23783	250.0	250.1	
83 Dibromomethane	93	8.727	8.731	-0.004	97	68110	20.0	20.4	
85 Dichlorobromomethane	83	8.965	8.965	0.000	100	120827	20.0	20.7	
86 2-Nitropropane	41	9.241	9.247	-0.007	99	214271	100.0	101.9	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	90	74394	20.0	19.6	
91 cis-1,3-Dichloropropene	75	9.510	9.510	0.000	96	152165	20.0	19.9	
92 4-Methyl-2-pentanone (MIBK)	43	9.683	9.684	-0.001	97	383237	40.0	40.8	
$ 94 Toluene-d8 (Surr)	98	9.812	9.812	0.000	93	897326	50.0	50.0	
99 Toluene	92	9.889	9.889	0.000	98	265256	20.0	21.0	
S 120 1,3-Dichloropropene, Total	100				0			40.0	
124 trans-1,3-Dichloropropene	75	10.145	10.142	0.003	94	134911	20.0	20.1	
126 Ethyl methacrylate	69	10.203	10.203	0.000	89	173592	20.0	20.1	
128 1,1,2-Trichloroethane	97	10.348	10.351	-0.003	91	92659	20.0	20.1	
129 Tetrachloroethene	166	10.434	10.434	0.000	98	110105	20.0	21.9	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	91	156157	20.0	20.2	
133 2-Hexanone	43	10.563	10.563	0.000	97	257720	40.0	40.4	
135 Chlorodibromomethane	129	10.720	10.723	-0.003	90	89392	20.0	20.3	
136 Ethylene Dibromide	107	10.832	10.832	0.000	98	98862	20.0	20.3	
S 137 Xylenes, Total	106				0			63.9	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	87	673193	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	97	139614	20.0	21.6	
140 Chlorobenzene	112	11.288	11.288	0.000	94	273784	20.0	20.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 1,1,1,2-Tetrachloroethane	131	11.374	11.371	0.003	96	105711	20.0	21.0	
142 Ethylbenzene	91	11.374	11.371	0.003	98	532154	20.0	21.3	
143 m-Xylene & p-Xylene	106	11.487	11.487	0.000	0	404275	40.0	42.7	
144 n-Butyl acrylate	55	11.763	11.763	0.000	96	236000	20.0	19.6	
145 o-Xylene	106	11.817	11.818	-0.001	97	212637	20.0	21.2	
146 Styrene	104	11.833	11.830	0.003	94	319255	20.0	21.2	
147 Bromoform	173	11.991	11.988	0.003	96	64229	20.0	19.7	
148 Isopropylbenzene	105	12.116	12.116	0.000	95	506089	20.0	22.3	
150 Cyclohexanone	55	12.202	12.199	0.003	91	182117	500.0	510.2	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	87	336784	50.0	50.0	
152 1,1,2,2-Tetrachloroethane	83	12.363	12.366	-0.003	95	184566	20.0	20.2	
153 Bromobenzene	156	12.379	12.379	0.000	98	119116	20.0	20.7	
154 trans-1,4-Dichloro-2-butene	53	12.388	12.389	-0.001	88	131427	50.0	50.4	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	87	57946	20.0	20.5	
156 N-Propylbenzene	91	12.446	12.446	0.000	99	622608	20.0	22.4	
157 2-Chlorotoluene	126	12.523	12.523	0.000	96	122325	20.0	21.2	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	95	450394	20.0	21.6	
159 4-Chlorotoluene	126	12.616	12.617	-0.001	97	115394	20.0	21.2	
160 tert-Butylbenzene	134	12.825	12.825	0.000	93	80523	20.0	21.2	
162 1,2,4-Trimethylbenzene	105	12.867	12.864	0.003	97	464595	20.0	21.0	
163 sec-Butylbenzene	105	12.989	12.986	0.002	94	553531	20.0	22.5	
164 1,3-Dichlorobenzene	146	13.088	13.085	0.003	98	225241	20.0	21.2	
165 4-Isopropyltoluene	119	13.094	13.091	0.003	97	471799	20.0	22.1	
* 166 1,4-Dichlorobenzene-d4	152	13.139	13.143	-0.004	96	373615	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	96	227119	20.0	20.9	
169 1,2,3-Trimethylbenzene	105	13.168	13.172	-0.004	99	494671	20.0	20.7	
170 Benzyl chloride	91	13.239	13.236	0.003	98	348844	20.0	20.7	
171 1,3-Diethylbenzene	119	13.293	13.294	-0.001	95	273570	20.0	22.2	
172 p-Diethylbenzene	119	13.364	13.364	0.000	95	287969	20.0	20.8	
173 n-Butylbenzene	92	13.386	13.383	0.003	98	227904	20.0	22.2	
174 1,2-Dichlorobenzene	146	13.422	13.422	0.000	97	243428	20.0	21.2	
175 o-diethylbenzene	119	13.438	13.438	0.000	96	231297	20.0	21.5	
177 1,2-Dibromo-3-Chloropropane	75	13.961	13.964	-0.003	83	55055	20.0	19.6	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	97	169158	20.0	22.0	
179 1,2,4-Trichlorobenzene	180	14.510	14.513	-0.003	94	169348	20.0	21.8	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	80	160423	20.0	18.5	
181 Hexachlorobutadiene	225	14.593	14.593	0.000	98	59451	20.0	22.2	
182 Naphthalene	128	14.696	14.696	0.000	97	715338	20.0	19.6	
183 1,2,3-Trichlorobenzene	180	14.840	14.837	0.003	95	169474	20.0	21.2	
184 2-Methylnaphthalene	142	15.475	15.476	-0.001	92	323885	20.0	20.8	
S 210 Total Diethylbenzene	1				0			64.5	

QC Flag Legend

Processing Flags

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	4.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	16.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	4.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	16.00	Units: uL	
MSV_CCV_GASES_01053	Amount Added:	2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

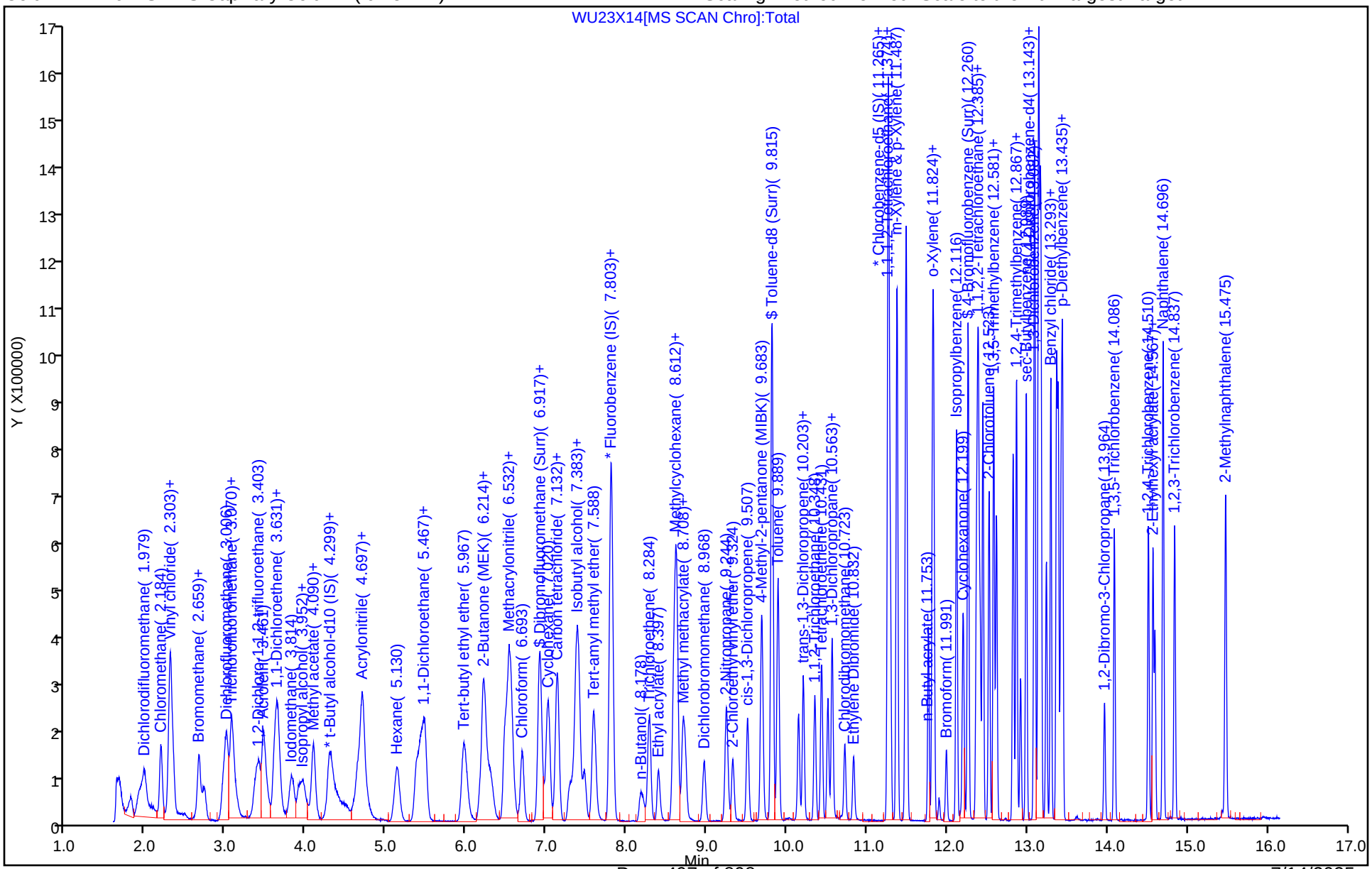
Report Date: 25-Jun-2025 08:55:24 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X14.D

Injection Date:	23-Jun-2025 19:56:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC v20			Worklist Smp#:	15
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	14
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X15.D
Lims ID: ICIS v50
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 23-Jun-2025 20:18:30 ALS Bottle#: 15 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-016
Misc. Info.: ICIS V50
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:55:37 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 20:44:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.982	1.982	0.000	100	481954	50.0	48.3	
7 Chloromethane	50	2.184	2.184	0.000	99	521501	50.0	48.4	
9 Vinyl chloride	62	2.300	2.300	0.000	98	520144	50.0	49.1	
8 Butadiene	39	2.303	2.303	0.000	84	505737	50.0	45.8	
12 Bromomethane	94	2.656	2.656	0.000	91	352452	50.0	50.2	
13 Chloroethane	64	2.727	2.727	0.000	100	271877	50.0	48.1	
14 Dichlorofluoromethane	67	2.999	2.999	0.000	98	778034	50.0	49.2	
15 Trichlorofluoromethane	101	3.054	3.054	0.000	98	578864	50.0	48.8	
28 Pentane	43	3.073	3.073	0.000	97	437083	50.0	48.2	
17 Ethanol	45	3.247	3.247	0.000	95	110421	1250.0	1198.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.391	3.391	0.000	93	364533	50.0	48.0	
19 Acrolein	56	3.462	3.462	0.000	99	1003635	487.9	488.4	
20 1,1-Dichloroethene	96	3.609	3.609	0.000	98	266376	50.0	52.1	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.648	3.648	0.000	95	313338	50.0	53.0	
21 Acetone	58	3.651	3.651	0.000	71	105032	100.0	100.2	
23 Iodomethane	142	3.824	3.824	0.000	96	512424	50.0	51.7	
24 Isopropyl alcohol	45	3.879	3.879	0.000	53	247455	250.0	211.8	
25 Carbon disulfide	76	3.959	3.959	0.000	100	978343	50.0	52.2	
27 Methyl acetate	43	4.068	4.068	0.000	97	308000	50.0	44.9	
30 3-Chloro-1-propene	41	4.090	4.090	0.000	93	393162	50.0	49.8	
33 Methylene Chloride	84	4.293	4.293	0.000	92	289225	50.0	49.8	
* 34 t-Butyl alcohol-d10 (IS)	65	4.386	4.386	0.000	0	342232	250.0	250.0	
35 2-Methyl-2-propanol	59	4.501	4.501	0.000	99	367577	250.0	235.4	
36 Acrylonitrile	53	4.642	4.642	0.000	100	451934	125.0	125.0	
38 trans-1,2-Dichloroethene	96	4.700	4.700	0.000	99	250091	50.0	52.1	
37 Methyl tert-butyl ether	73	4.716	4.716	0.000	93	918019	50.0	51.2	
39 Hexane	57	5.137	5.137	0.000	91	317321	50.0	55.0	
41 1,1-Dichloroethane	63	5.371	5.371	0.000	96	448924	50.0	52.1	
42 Isopropyl ether	45	5.432	5.432	0.000	95	850794	50.0	51.3	
43 2-Chloro-1,3-butadiene	53	5.486	5.486	0.000	91	410789	50.0	52.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.968	5.968	0.000	98	892377	50.0	51.5	
46 2-Butanone (MEK)	43	6.170	6.170	0.000	99	457695	100.0	95.2	
47 cis-1,2-Dichloroethene	96	6.212	6.212	0.000	83	285223	50.0	51.5	
49 2,2-Dichloropropane	77	6.234	6.234	0.000	88	456819	50.0	52.0	
50 Propionitrile	54	6.292	6.292	0.000	94	408809	250.0	251.6	
51 Methyl acrylate	55	6.305	6.305	0.000	99	422837	50.0	49.7	
53 Methacrylonitrile	67	6.484	6.484	0.000	91	421570	125.0	125.0	
54 Chlorobromomethane	128	6.545	6.545	0.000	96	136598	50.0	51.5	
55 Tetrahydrofuran	71	6.548	6.548	0.000	88	343649	250.0	249.0	
56 Chloroform	83	6.693	6.693	0.000	95	434656	50.0	48.2	
$ 57 Dibromofluoromethane (Surr)	113	6.914	6.914	0.000	94	217749	50.0	49.8	
58 1,1,1-Trichloroethane	97	6.918	6.918	0.000	98	453214	50.0	53.1	
59 Cyclohexane	56	7.017	7.017	0.000	90	524270	50.0	53.0	
62 1,1-Dichloropropene	75	7.133	7.133	0.000	95	370964	50.0	51.0	
61 Carbon tetrachloride	117	7.133	7.133	0.000	91	355790	50.0	52.4	
64 Isobutyl alcohol	41	7.312	7.312	0.000	94	285701	625.0	562.6	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.370	7.370	0.000	0	55165	50.0	49.7	
66 Benzene	78	7.399	7.399	0.000	96	1091633	50.0	51.7	
69 1,2-Dichloroethane	62	7.469	7.469	0.000	98	330378	50.0	50.5	
70 Tert-amyl methyl ether	73	7.588	7.588	0.000	99	851143	50.0	51.3	
* 73 Fluorobenzene (IS)	96	7.806	7.806	0.000	99	927463	50.0	50.0	
74 n-Heptane	43	7.813	7.813	0.000	93	277211	50.0	52.1	
75 n-Butanol	56	8.172	8.172	0.000	87	225886	625.0	591.3	
76 Trichloroethene	95	8.278	8.278	0.000	99	272250	50.0	51.8	
77 Ethyl acrylate	55	8.394	8.394	0.000	99	434603	50.0	49.5	a
78 Methylcyclohexane	83	8.589	8.589	0.000	96	465493	50.0	54.9	
80 1,2-Dichloropropane	63	8.618	8.618	0.000	75	273210	50.0	51.4	
79 2-ethoxy-2-methyl butane	87	8.625	8.625	0.000	91	400414	50.0	51.5	
81 Methyl methacrylate	69	8.702	8.702	0.000	91	249715	50.0	51.6	
82 1,4-Dioxane	88	8.708	8.708	0.000	67	56530	625.0	572.4	
83 Dibromomethane	93	8.731	8.731	0.000	97	170749	50.0	51.2	
85 Dichlorobromomethane	83	8.965	8.965	0.000	100	309304	50.0	53.0	
86 2-Nitropropane	41	9.247	9.247	0.000	98	544159	250.0	249.3	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	92	202011	50.0	53.3	
91 cis-1,3-Dichloropropene	75	9.510	9.510	0.000	97	394557	50.0	51.6	
92 4-Methyl-2-pentanone (MIBK)	43	9.684	9.684	0.000	97	976382	100.0	104.1	
$ 94 Toluene-d8 (Surr)	98	9.812	9.812	0.000	93	905682	50.0	50.3	
99 Toluene	92	9.889	9.889	0.000	98	662497	50.0	52.3	
124 trans-1,3-Dichloropropene	75	10.142	10.142	0.000	93	348917	50.0	51.9	
126 Ethyl methacrylate	69	10.203	10.203	0.000	89	442223	50.0	50.9	
128 1,1,2-Trichloroethane	97	10.351	10.351	0.000	91	236001	50.0	51.0	
129 Tetrachloroethene	166	10.434	10.434	0.000	98	266110	50.0	52.7	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	90	387701	50.0	49.9	
133 2-Hexanone	43	10.563	10.563	0.000	96	656242	100.0	102.5	
135 Chlorodibromomethane	129	10.723	10.723	0.000	90	235531	50.0	53.2	
136 Ethylene Dibromide	107	10.832	10.832	0.000	98	250903	50.0	51.3	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	89	675738	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	98	337319	50.0	51.9	
140 Chlorobenzene	112	11.288	11.288	0.000	94	690159	50.0	51.8	
141 1,1,1,2-Tetrachloroethane	131	11.371	11.371	0.000	96	269826	50.0	53.5	
142 Ethylbenzene	91	11.371	11.371	0.000	98	1330090	50.0	53.0	
143 m-Xylene & p-Xylene	106	11.487	11.487	0.000	0	1010524	100.0	106.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
144 n-Butyl acrylate	55	11.763	11.763	0.000	96	617594	50.0	51.1	a
145 o-Xylene	106	11.818	11.818	0.000	97	535411	50.0	53.2	
146 Styrene	104	11.830	11.830	0.000	94	797875	50.0	52.8	
147 Bromoform	173	11.988	11.988	0.000	96	175310	50.0	53.6	
148 Isopropylbenzene	105	12.116	12.116	0.000	96	1261676	50.0	55.4	
150 Cyclohexanone	55	12.199	12.199	0.000	92	237101	625.0	639.5	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	335240	50.0	49.6	
152 1,1,2,2-Tetrachloroethane	83	12.366	12.366	0.000	95	459002	50.0	50.2	
153 Bromobenzene	156	12.379	12.379	0.000	97	295365	50.0	51.5	
154 trans-1,4-Dichloro-2-butene	53	12.389	12.389	0.000	90	327356	125.0	125.9	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	86	140491	50.0	49.9	
156 N-Propylbenzene	91	12.446	12.446	0.000	99	1533837	50.0	55.3	
157 2-Chlorotoluene	126	12.523	12.523	0.000	96	304794	50.0	52.9	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	95	1134771	50.0	54.6	
159 4-Chlorotoluene	126	12.617	12.617	0.000	97	290892	50.0	53.5	
160 tert-Butylbenzene	134	12.825	12.825	0.000	93	209181	50.0	55.1	
162 1,2,4-Trimethylbenzene	105	12.864	12.864	0.000	98	1150842	50.0	52.1	
163 sec-Butylbenzene	105	12.986	12.986	0.000	94	1366174	50.0	55.6	
164 1,3-Dichlorobenzene	146	13.085	13.085	0.000	98	553710	50.0	52.2	
165 4-Isopropyltoluene	119	13.091	13.091	0.000	97	1174823	50.0	55.2	
* 166 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	95	372882	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	95	561155	50.0	51.7	
169 1,2,3-Trimethylbenzene	105	13.172	13.172	0.000	99	1238580	50.0	51.9	
170 Benzyl chloride	91	13.236	13.236	0.000	98	889012	50.0	52.9	
171 1,3-Diethylbenzene	119	13.294	13.294	0.000	95	675197	50.0	54.8	
172 p-Diethylbenzene	119	13.364	13.364	0.000	93	697745	50.0	50.4	
173 n-Butylbenzene	92	13.383	13.383	0.000	98	558659	50.0	54.6	
174 1,2-Dichlorobenzene	146	13.422	13.422	0.000	98	593279	50.0	51.9	
175 o-diethylbenzene	119	13.438	13.438	0.000	96	582569	50.0	54.4	
177 1,2-Dibromo-3-Chloropropane	75	13.964	13.964	0.000	86	139646	50.0	49.7	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	98	417038	50.0	54.4	
179 1,2,4-Trichlorobenzene	180	14.513	14.513	0.000	94	416751	50.0	53.8	
180 2-Ethylhexyl acrylate	55	14.568	14.568	0.000	81	467474	50.0	53.9	
181 Hexachlorobutadiene	225	14.593	14.593	0.000	97	149171	50.0	55.7	
182 Naphthalene	128	14.696	14.696	0.000	97	1759021	50.0	48.2	
183 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	97	427072	50.0	53.6	
184 2-Methylnaphthalene	142	15.476	15.476	0.000	92	836361	50.0	53.9	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	10.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	5.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	10.00	Units: uL	
MSV_CCV_GASES_01053	Amount Added:	2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

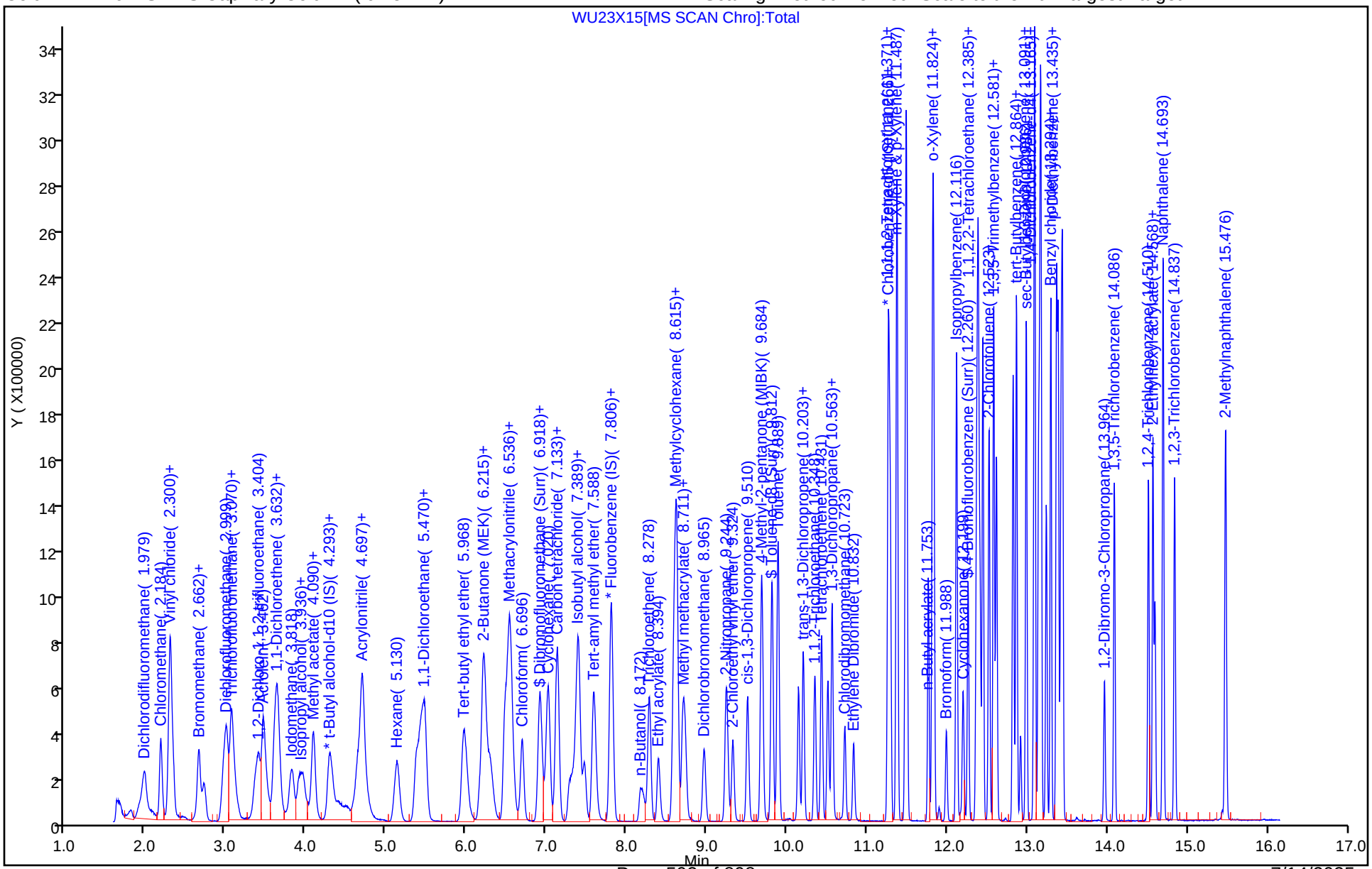
Report Date: 25-Jun-2025 08:55:38 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X15.D

Injection Date:	23-Jun-2025 20:18:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	ICIS v50			Worklist Smp#:	16
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	15
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

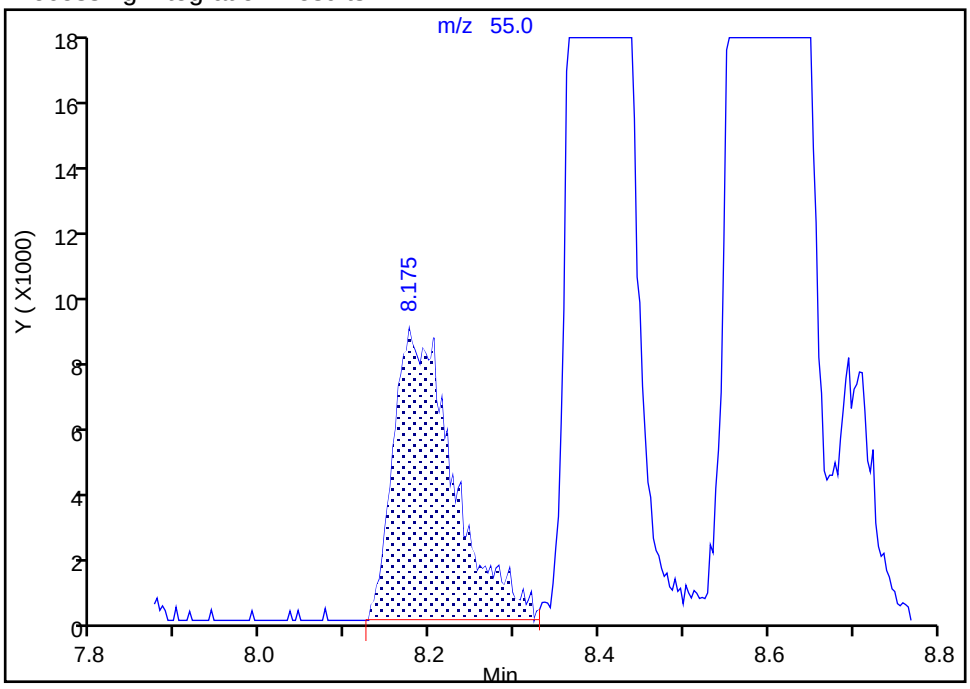
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X15.D				
Injection Date:	23-Jun-2025 20:18:30	Instrument ID:	9137		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

77 Ethyl acrylate, CAS: 140-88-5

Signal: 1

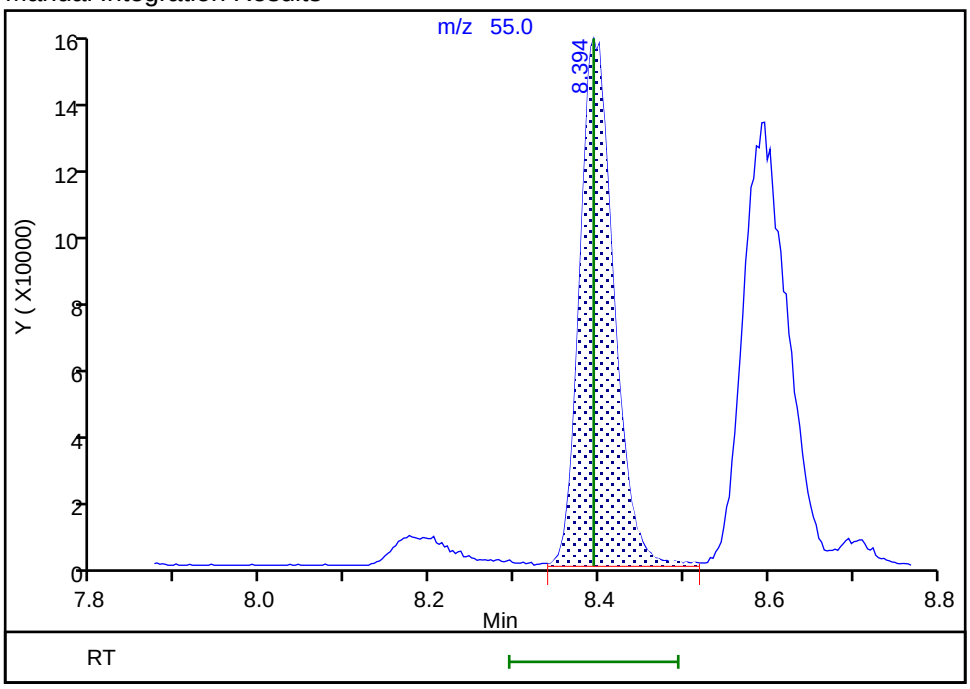
Processing Integration Results

RT: 8.18
Area: 43580
Amount: 54.141991
Amount Units: ug/l



Manual Integration Results

RT: 8.39
Area: 434603
Amount: 49.486958
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:42:52 -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

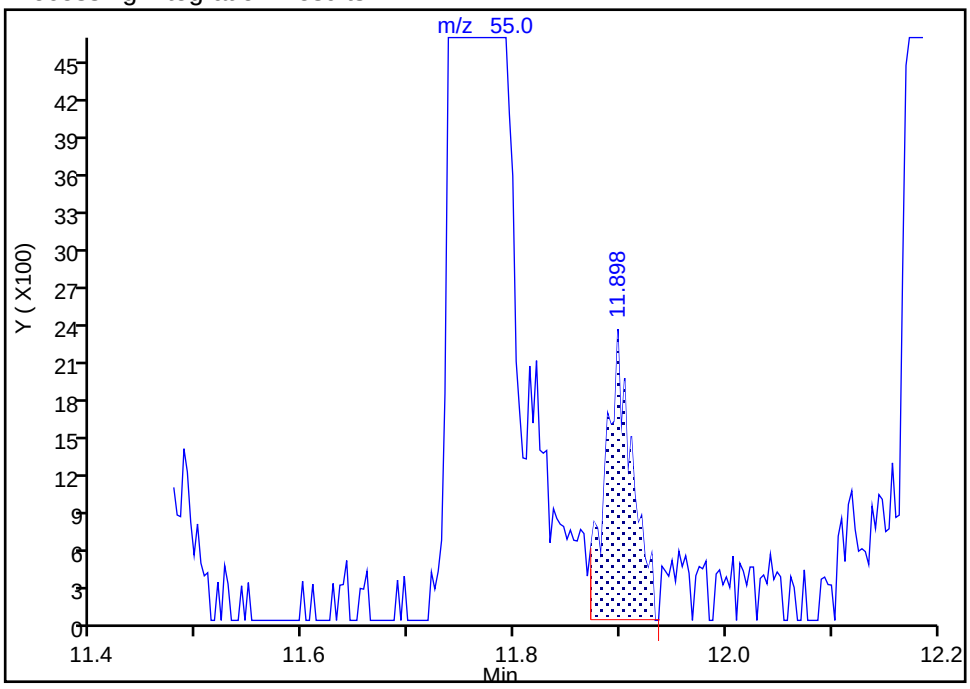
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X15.D				
Injection Date:	23-Jun-2025 20:18:30	Instrument ID:	9137		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	15	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

144 n-Butyl acrylate, CAS: 141-32-2

Signal: 1

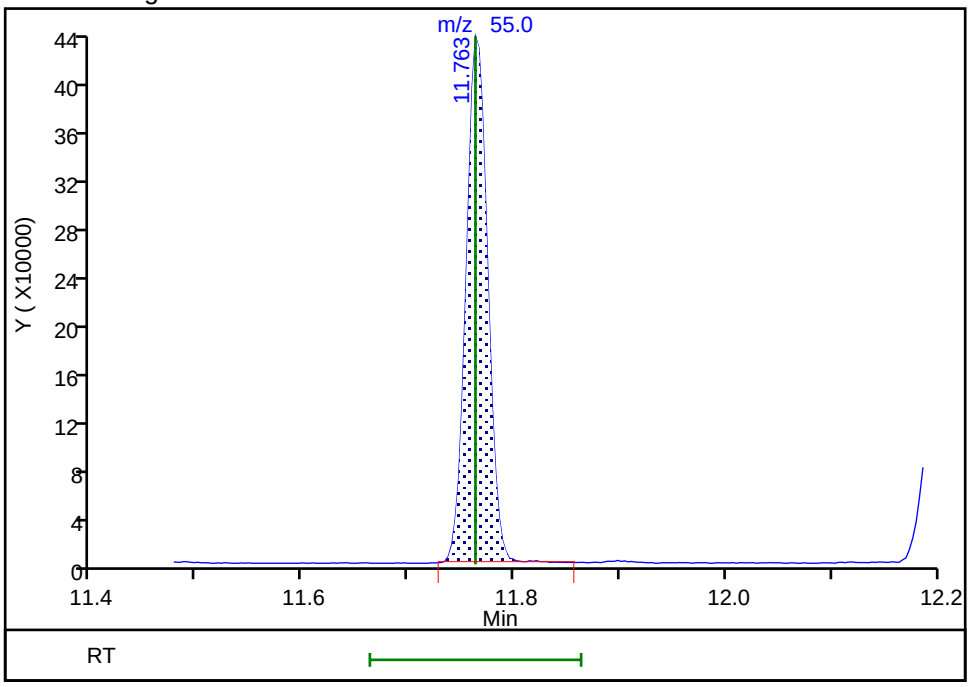
Processing Integration Results

RT: 11.90
Area: 4060
Amount: 30.386424
Amount Units: ug/l



Manual Integration Results

RT: 11.76
Area: 617594
Amount: 51.075506
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 20:46:22 -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\9137\20250623-151197.b\WU23X16.D
Lims ID: IC v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 23-Jun-2025 20:40:30 ALS Bottle#: 16 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-017
Misc. Info.: IC V100
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:55:46 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 21:37:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.989	1.982	0.007	100	965097	100.0	94.8	
7 Chloromethane	50	2.188	2.184	0.004	100	1001923	100.0	91.2	
9 Vinyl chloride	62	2.303	2.300	0.003	99	1004687	100.0	93.0	
8 Butadiene	39	2.303	2.303	0.000	83	1003642	100.0	89.0	
12 Bromomethane	94	2.662	2.656	0.006	90	662059	100.0	92.4	
13 Chloroethane	64	2.727	2.727	0.000	100	523838	100.0	90.9	
14 Dichlorofluoromethane	67	3.003	2.999	0.004	98	1481594	100.0	91.9	
15 Trichlorofluoromethane	101	3.067	3.054	0.013	98	1159645	100.0	95.8	
28 Pentane	43	3.076	3.073	0.003	97	917402	100.0	99.1	
17 Ethanol	45	3.269	3.247	0.023	97	252723	2500.0	2637.0	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.397	3.391	0.006	94	716782	100.0	92.5	
19 Acrolein	56	3.465	3.462	0.003	100	2046666	975.9	958.0	
20 1,1-Dichloroethene	96	3.622	3.609	0.013	99	521814	100.0	100.0	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.648	3.648	0.000	95	624612	100.0	103.6	
21 Acetone	58	3.641	3.651	-0.010	71	214704	200.0	197.0	
23 Iodomethane	142	3.821	3.824	-0.003	98	1005585	100.0	99.5	
24 Isopropyl alcohol	45	3.802	3.879	-0.077	97	607960	500.0	500.4	
25 Carbon disulfide	76	3.959	3.959	0.000	99	1982386	100.0	103.6	
27 Methyl acetate	43	4.068	4.068	0.000	97	628250	100.0	89.7	
30 3-Chloro-1-propene	41	4.090	4.090	0.000	93	767240	100.0	95.3	
33 Methylene Chloride	84	4.302	4.293	0.009	91	569823	100.0	96.2	
* 34 t-Butyl alcohol-d10 (IS)	65	4.373	4.386	-0.013	0	355842	250.0	250.0	
35 2-Methyl-2-propanol	59	4.508	4.501	0.007	30	928922	500.0	572.3	M
36 Acrylonitrile	53	4.639	4.642	-0.003	100	902100	250.0	244.5	
38 trans-1,2-Dichloroethene	96	4.703	4.700	0.003	99	483002	100.0	98.6	
37 Methyl tert-butyl ether	73	4.710	4.716	-0.006	89	1795194	100.0	98.1	
39 Hexane	57	5.130	5.137	-0.007	92	620917	100.0	105.5	
41 1,1-Dichloroethane	63	5.368	5.371	-0.003	97	857435	100.0	97.6	
42 Isopropyl ether	45	5.435	5.432	0.003	95	1653097	100.0	97.7	
43 2-Chloro-1,3-butadiene	53	5.483	5.486	-0.003	93	798307	100.0	99.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.971	5.968	0.003	98	1759043	100.0	99.6	
S 45 1,2-Dichloroethene, Total	100				0			195.5	
46 2-Butanone (MEK)	43	6.176	6.170	0.006	100	956060	200.0	195.0	
47 cis-1,2-Dichloroethene	96	6.211	6.212	-0.001	84	546901	100.0	96.9	
49 2,2-Dichloropropane	77	6.231	6.234	-0.003	87	898916	100.0	100.3	
50 Propionitrile	54	6.285	6.292	-0.007	99	862284	500.0	510.4	
51 Methyl acrylate	55	6.305	6.305	0.000	100	868097	100.0	100.1	
53 Methacrylonitrile	67	6.487	6.484	0.003	91	873813	250.0	253.9	
54 Chlorobromomethane	128	6.542	6.545	-0.003	95	265080	100.0	97.9	
55 Tetrahydrofuran	71	6.552	6.548	0.004	88	695959	500.0	484.9	
56 Chloroform	83	6.693	6.693	0.000	95	845170	100.0	91.9	
$ 57 Dibromofluoromethane (Surr)	113	6.914	6.914	0.000	93	223420	50.0	50.1	
58 1,1,1-Trichloroethane	97	6.924	6.918	0.006	98	882237	100.0	101.4	
59 Cyclohexane	56	7.023	7.017	0.006	90	1045575	100.0	103.5	
62 1,1-Dichloropropene	75	7.132	7.133	0.000	96	732602	100.0	98.8	
61 Carbon tetrachloride	117	7.132	7.133	0.000	92	716551	100.0	103.5	
64 Isobutyl alcohol	41	7.315	7.312	0.003	93	737772	1250.0	1397.2	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.370	7.370	0.000	0	56946	50.0	50.3	
66 Benzene	78	7.399	7.399	0.000	96	2131001	100.0	98.9	
69 1,2-Dichloroethane	62	7.473	7.469	0.004	97	660944	100.0	99.1	
70 Tert-amyl methyl ether	73	7.588	7.588	0.000	99	1716725	100.0	101.4	
* 73 Fluorobenzene (IS)	96	7.810	7.806	0.004	97	946121	50.0	50.0	
74 n-Heptane	43	7.813	7.813	0.000	76	530234	100.0	97.7	
75 n-Butanol	56	8.175	8.172	0.003	88	613337	1250.0	1544.0	
76 Trichloroethene	95	8.281	8.278	0.003	100	543653	100.0	101.5	
77 Ethyl acrylate	55	8.397	8.394	0.003	99	904564	100.0	101.0	
78 Methylcyclohexane	83	8.589	8.589	0.000	92	928646	100.0	107.3	
80 1,2-Dichloropropane	63	8.621	8.618	0.003	83	544518	100.0	100.5	
79 2-ethoxy-2-methyl butane	87	8.625	8.625	0.000	92	810647	100.0	102.3	
81 Methyl methacrylate	69	8.702	8.702	0.000	91	540081	100.0	109.4	
82 1,4-Dioxane	88	8.705	8.708	-0.003	44	145953	1250.0	1421.4	
83 Dibromomethane	93	8.727	8.731	-0.004	98	346770	100.0	102.0	
85 Dichlorobromomethane	83	8.965	8.965	0.000	100	636559	100.0	107.0	
86 2-Nitropropane	41	9.244	9.247	-0.003	97	1219920	500.0	537.4	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	93	405579	100.0	104.8	
91 cis-1,3-Dichloropropene	75	9.507	9.510	-0.003	96	816217	100.0	104.7	
92 4-Methyl-2-pentanone (MIBK)	43	9.684	9.684	0.000	98	1957495	200.0	204.5	
$ 94 Toluene-d8 (Surr)	98	9.815	9.812	0.003	93	928115	50.0	49.4	
99 Toluene	92	9.889	9.889	0.000	98	1317173	100.0	99.6	
S 120 1,3-Dichloropropene, Total	100				0			210.7	
124 trans-1,3-Dichloropropene	75	10.146	10.142	0.004	93	743092	100.0	106.0	
126 Ethyl methacrylate	69	10.203	10.203	0.000	89	956236	100.0	105.6	
128 1,1,2-Trichloroethane	97	10.351	10.351	0.000	91	493620	100.0	102.4	
129 Tetrachloroethene	166	10.434	10.434	0.000	98	531973	100.0	101.0	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	91	814943	100.0	100.7	
133 2-Hexanone	43	10.563	10.563	0.000	96	1327165	200.0	198.8	
135 Chlorodibromomethane	129	10.723	10.723	0.000	90	513357	100.0	111.2	
136 Ethylene Dibromide	107	10.832	10.832	0.000	99	525271	100.0	103.0	
S 137 Xylenes, Total	106				0			301.3	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	87	704768	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	98	657120	100.0	97.0	
140 Chlorobenzene	112	11.291	11.288	0.003	95	1390703	100.0	100.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 1,1,1,2-Tetrachloroethane	131	11.371	11.371	0.000	96	562008	100.0	106.8	
142 Ethylbenzene	91	11.375	11.371	0.004	98	2606161	100.0	99.7	
143 m-Xylene & p-Xylene	106	11.487	11.487	0.000	0	1995029	200.0	201.1	
144 n-Butyl acrylate	55	11.763	11.763	0.000	96	1246016	100.0	98.8	
145 o-Xylene	106	11.817	11.818	-0.001	96	1050832	100.0	100.1	
146 Styrene	104	11.834	11.830	0.004	94	1610064	100.0	102.2	
147 Bromoform	173	11.991	11.988	0.003	97	404175	100.0	118.5	
148 Isopropylbenzene	105	12.116	12.116	0.000	96	2440199	100.0	102.7	
150 Cyclohexanone	55	12.196	12.199	-0.003	91	489586	1250.0	1269.9	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	345775	50.0	49.0	
152 1,1,2,2-Tetrachloroethane	83	12.363	12.366	-0.003	95	1013176	100.0	110.9	
153 Bromobenzene	156	12.379	12.379	0.000	96	602702	100.0	105.0	
154 trans-1,4-Dichloro-2-butene	53	12.389	12.389	0.000	89	733821	250.0	282.1	
155 1,2,3-Trichloropropane	110	12.408	12.411	-0.003	85	306742	100.0	108.9	
156 N-Propylbenzene	91	12.446	12.446	0.000	99	2951651	100.0	106.4	
157 2-Chlorotoluene	126	12.523	12.523	0.000	97	606192	100.0	105.2	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	94	2236051	100.0	107.5	
159 4-Chlorotoluene	126	12.613	12.617	-0.004	98	573441	100.0	105.5	
160 tert-Butylbenzene	134	12.822	12.825	-0.003	93	418773	100.0	110.3	
162 1,2,4-Trimethylbenzene	105	12.864	12.864	0.000	98	2265821	100.0	102.5	
163 sec-Butylbenzene	105	12.986	12.986	0.000	94	2686458	100.0	109.3	
164 1,3-Dichlorobenzene	146	13.085	13.085	0.000	98	1097772	100.0	103.5	
165 4-Isopropyltoluene	119	13.095	13.091	0.004	97	2295706	100.0	107.8	
* 166 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	95	373025	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	94	1119617	100.0	103.2	
169 1,2,3-Trimethylbenzene	105	13.168	13.172	-0.004	99	2470217	100.0	103.4	
170 Benzyl chloride	91	13.236	13.236	0.000	99	1948559	100.0	115.8	
171 1,3-Diethylbenzene	119	13.294	13.294	0.000	95	1326291	100.0	107.7	
172 p-Diethylbenzene	119	13.364	13.364	0.000	94	1360554	100.0	98.3	
173 n-Butylbenzene	92	13.383	13.383	0.000	98	1082586	100.0	105.7	
174 1,2-Dichlorobenzene	146	13.422	13.422	0.000	98	1186418	100.0	103.7	
175 o-diethylbenzene	119	13.438	13.438	0.000	96	1146092	100.0	106.9	
177 1,2-Dibromo-3-Chloropropane	75	13.964	13.964	0.000	85	314572	100.0	111.9	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	98	809761	100.0	105.5	
179 1,2,4-Trichlorobenzene	180	14.513	14.513	0.000	94	809179	100.0	104.5	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	80	950862	99.9	109.6	
181 Hexachlorobutadiene	225	14.593	14.593	0.000	98	294245	100.0	109.9	
182 Naphthalene	128	14.696	14.696	0.000	97	3683333	100.0	101.0	
183 1,2,3-Trichlorobenzene	180	14.840	14.837	0.003	96	850883	100.0	106.8	
184 2-Methylnaphthalene	142	15.476	15.476	0.000	93	1799397	100.0	115.9	
S 210 Total Diethylbenzene	1				0			312.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	5.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	10.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	5.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	10.00	Units: uL	
MSV_CCV_GASES_01053	Amount Added:	2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

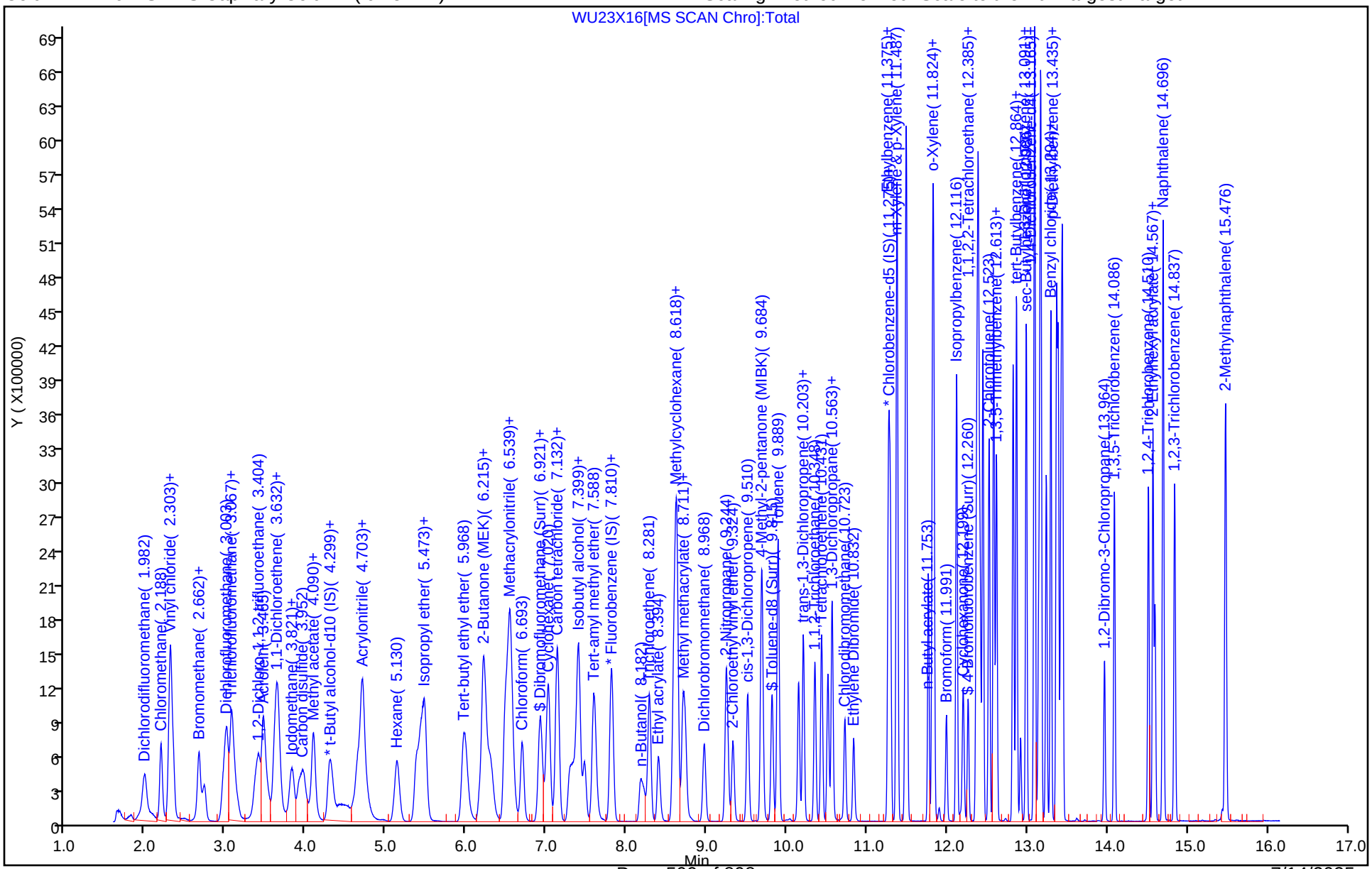
Report Date: 25-Jun-2025 08:55:46 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X16.D

Injection Date:	23-Jun-2025 20:40:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC v100			Worklist Smp#:	17
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	16
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

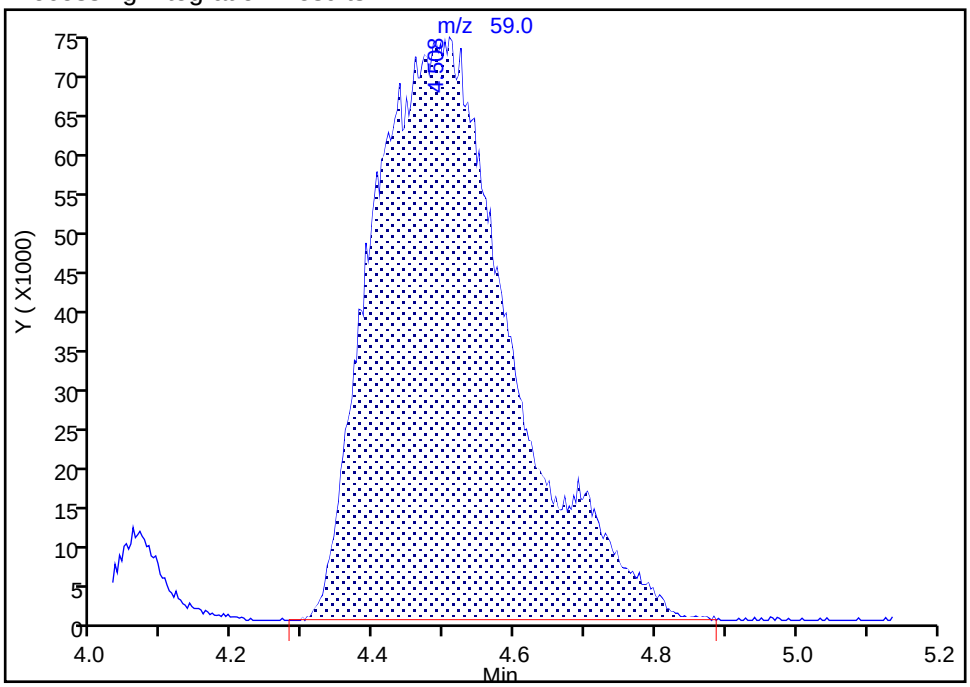
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X16.D				
Injection Date:	23-Jun-2025 20:40:30	Instrument ID:	9137		
Lims ID:	IC v100				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	16	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

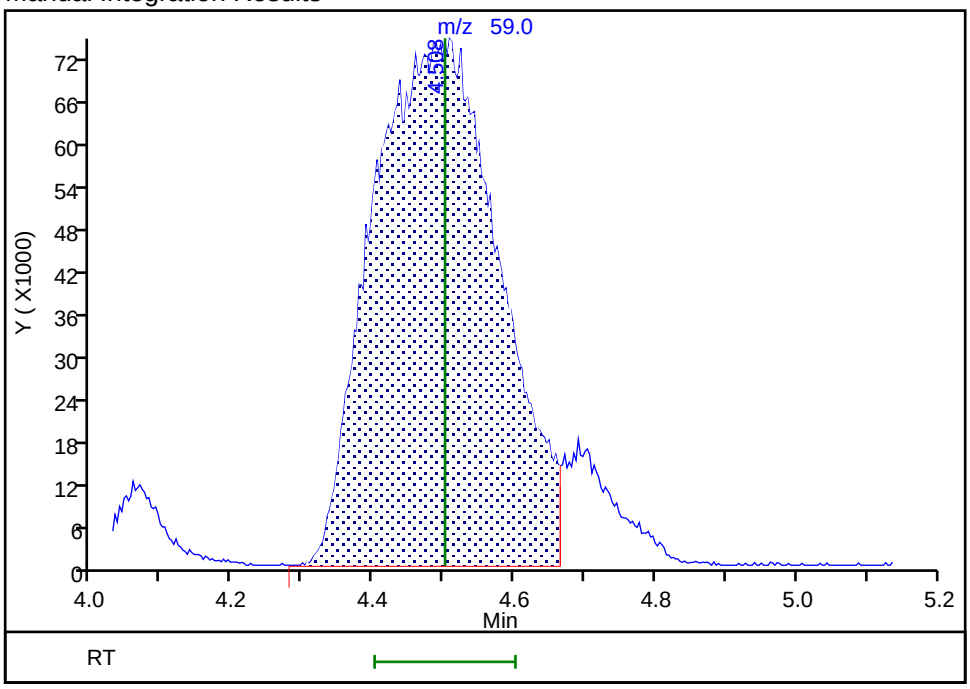
Processing Integration Results

RT: 4.51
Area: 1015020
Amount: 692.3359
Amount Units: ug/l



Manual Integration Results

RT: 4.51
Area: 928922
Amount: 572.2509
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 21:36:54 -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\9137\20250623-151197.b\WU23X17.D
Lims ID: IC v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 23-Jun-2025 21:02:30 ALS Bottle#: 17 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-018
Misc. Info.: IC V300
Operator ID: knk41612 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub73

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:55:51 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 21:49:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.985	1.982	0.003	100	2928264	300.0	278.6	
7 Chloromethane	50	2.187	2.184	0.003	99	2982766	300.0	263.0	
9 Vinyl chloride	62	2.303	2.300	0.003	99	2995131	300.0	268.6	
8 Butadiene	39	2.303	2.303	0.000	82	3060751	300.0	263.1	
12 Bromomethane	94	2.659	2.656	0.003	90	1975593	300.0	267.1	
13 Chloroethane	64	2.730	2.727	0.003	100	1562200	300.0	262.7	
14 Dichlorofluoromethane	67	2.999	2.999	0.000	98	4397657	300.0	264.4	
15 Trichlorofluoromethane	101	3.057	3.054	0.003	100	3530368	300.0	282.7	
28 Pentane	43	3.073	3.073	0.000	96	2779287	300.0	291.0	
17 Ethanol	45	3.137	3.247	-0.109	90	545602	7500.0	6551.1	a
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.387	3.391	-0.004	95	2163520	300.0	270.7	
19 Acrolein	56	3.461	3.462	-0.001	100	6030567	2927.6	3248.1	
20 1,1-Dichloroethene	96	3.622	3.609	0.013	99	1682831	300.0	312.5	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.647	3.648	-0.001	94	1932543	300.0	310.7	
21 Acetone	58	3.635	3.651	-0.016	57	620257	600.0	654.8	
23 Iodomethane	142	3.824	3.824	0.000	98	3131871	300.0	300.4	
24 Isopropyl alcohol	45	3.811	3.879	-0.068	59	1365939	1500.0	1293.7	
25 Carbon disulfide	76	3.962	3.959	0.003	99	6401048	300.0	324.3	
27 Methyl acetate	43	4.061	4.068	-0.007	97	1846225	300.0	255.5	
30 3-Chloro-1-propene	41	4.093	4.090	0.003	92	2393826	300.0	288.1	
33 Methylene Chloride	84	4.302	4.293	0.009	92	1778679	300.0	291.0	
* 34 t-Butyl alcohol-d10 (IS)	65	4.353	4.386	-0.033	0	309233	250.0	250.0	
35 2-Methyl-2-propanol	59	4.501	4.501	0.000	99	1969239	1500.0	1396.0	
36 Acrylonitrile	53	4.636	4.642	-0.006	99	2694338	750.0	707.9	
38 trans-1,2-Dichloroethene	96	4.700	4.700	0.000	99	1482941	300.0	293.3	
37 Methyl tert-butyl ether	73	4.700	4.716	-0.016	93	5319248	300.0	281.6	
39 Hexane	57	5.127	5.137	-0.010	92	1737228	300.0	286.0	
41 1,1-Dichloroethane	63	5.371	5.371	0.000	97	2630436	300.0	290.1	
42 Isopropyl ether	45	5.432	5.432	0.000	94	5098533	300.0	292.0	
43 2-Chloro-1,3-butadiene	53	5.480	5.486	-0.006	91	2484457	300.0	299.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.977	5.968	0.009	98	5487521	300.0	301.0	
S 45 1,2-Dichloroethene, Total	100				0			578.2	
46 2-Butanone (MEK)	43	6.182	6.170	0.012	100	2878131	600.0	568.9	
47 cis-1,2-Dichloroethene	96	6.208	6.212	-0.004	85	1659389	300.0	284.9	
49 2,2-Dichloropropane	77	6.231	6.234	-0.003	88	2842979	300.0	307.5	
50 Propionitrile	54	6.282	6.292	-0.010	96	2435803	1500.0	1659.0	
51 Methyl acrylate	55	6.308	6.305	0.003	100	2584942	300.1	288.7	
53 Methacrylonitrile	67	6.497	6.484	0.013	92	2629708	750.0	740.5	
54 Chlorobromomethane	128	6.542	6.545	-0.003	96	803102	300.0	287.6	
55 Tetrahydrofuran	71	6.551	6.548	0.003	90	2085976	1500.0	1672.4	
56 Chloroform	83	6.693	6.693	0.000	94	2543783	300.0	268.0	
$ 57 Dibromofluoromethane (Surr)	113	6.911	6.914	-0.003	93	226119	50.0	49.1	
58 1,1,1-Trichloroethane	97	6.927	6.918	0.009	98	2797794	300.0	311.5	
59 Cyclohexane	56	7.023	7.017	0.006	90	3221274	300.0	309.1	
62 1,1-Dichloropropene	75	7.132	7.133	0.000	96	2306352	300.0	301.3	
61 Carbon tetrachloride	117	7.129	7.133	-0.003	89	2330996	300.0	326.3	
64 Isobutyl alcohol	41	7.299	7.312	-0.013	96	1701464	3750.0	3707.9	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.370	7.370	0.000	0	57933	50.0	49.6	
66 Benzene	78	7.402	7.399	0.003	96	6568879	300.0	295.5	
69 1,2-Dichloroethane	62	7.476	7.469	0.007	98	2013444	300.0	292.6	
70 Tert-amyl methyl ether	73	7.594	7.588	0.006	98	5297845	300.0	303.1	
* 73 Fluorobenzene (IS)	96	7.803	7.806	-0.003	99	976258	50.0	50.0	
74 n-Heptane	43	7.809	7.813	-0.004	92	1483576	300.0	265.0	
75 n-Butanol	56	8.172	8.172	0.000	89	1332157	3750.0	3859.0	
76 Trichloroethene	95	8.284	8.278	0.006	100	1716958	300.0	310.5	
77 Ethyl acrylate	55	8.400	8.394	0.006	99	2761523	300.1	298.7	
78 Methylcyclohexane	83	8.592	8.589	0.003	95	2732540	300.0	306.0	
80 1,2-Dichloropropane	63	8.624	8.618	0.006	92	1709595	300.0	305.7	
79 2-ethoxy-2-methyl butane	87	8.628	8.625	0.003	92	2561278	300.0	313.1	
81 Methyl methacrylate	69	8.701	8.702	-0.001	93	1611650	300.0	316.4	
82 1,4-Dioxane	88	8.708	8.708	0.000	32	307806	3750.0	3449.5	
83 Dibromomethane	93	8.730	8.731	-0.001	97	1078694	300.0	307.5	
85 Dichlorobromomethane	83	8.968	8.965	0.003	100	2032796	300.0	331.2	
86 2-Nitropropane	41	9.247	9.247	0.000	97	3656572	1500.0	1853.6	
88 2-Chloroethyl vinyl ether	63	9.327	9.324	0.003	93	1289549	300.0	323.0	
91 cis-1,3-Dichloropropene	75	9.510	9.510	0.000	96	2645652	300.0	328.8	
92 4-Methyl-2-pentanone (MIBK)	43	9.683	9.684	-0.001	96	5850398	600.0	592.3	
$ 94 Toluene-d8 (Surr)	98	9.815	9.812	0.003	93	989663	50.0	48.7	
99 Toluene	92	9.892	9.889	0.003	98	4182979	300.0	292.8	
S 120 1,3-Dichloropropene, Total	100				0			644.8	
124 trans-1,3-Dichloropropene	75	10.145	10.142	0.003	93	2392959	300.0	315.9	
126 Ethyl methacrylate	69	10.206	10.203	0.003	89	2812902	300.0	287.5	
128 1,1,2-Trichloroethane	97	10.351	10.351	0.000	91	1506830	300.0	289.2	
129 Tetrachloroethene	166	10.434	10.434	0.000	98	1695944	300.0	298.0	
131 1,3-Dichloropropane	76	10.514	10.511	0.003	90	2553463	300.0	291.9	
133 2-Hexanone	43	10.563	10.563	0.000	96	3961541	600.0	549.1	
135 Chlorodibromomethane	129	10.723	10.723	0.000	90	1661626	300.0	332.9	
136 Ethylene Dibromide	107	10.835	10.832	0.003	99	1633747	300.0	296.5	
S 137 Xylenes, Total	106				0			855.8	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	87	761551	50.0	50.0	
139 1-Chlorohexane	91	11.272	11.269	0.003	98	1985730	300.0	271.3	
140 Chlorobenzene	112	11.291	11.288	0.003	94	4427703	300.0	294.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 1,1,1,2-Tetrachloroethane	131	11.371	11.371	0.000	96	1741478	300.0	306.2	
142 Ethylbenzene	91	11.378	11.371	0.007	98	8014009	300.0	283.6	
143 m-Xylene & p-Xylene	106	11.490	11.487	0.003	0	6127451	600.0	571.7	
144 n-Butyl acrylate	55	11.766	11.763	0.003	97	3691309	299.9	270.9	
145 o-Xylene	106	11.821	11.818	0.002	96	3221709	300.0	284.0	
146 Styrene	104	11.833	11.830	0.003	94	5026741	300.0	295.3	
147 Bromoform	173	11.991	11.988	0.003	96	1257210	300.0	341.2	
148 Isopropylbenzene	105	12.119	12.116	0.003	96	7142668	300.0	278.1	
150 Cyclohexanone	55	12.199	12.199	0.000	92	1258929	3750.1	3757.7	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	372632	50.0	48.9	
152 1,1,2,2-Tetrachloroethane	83	12.366	12.366	0.000	95	2846881	300.0	291.6	
153 Bromobenzene	156	12.379	12.379	0.000	97	1877826	300.0	306.2	
154 trans-1,4-Dichloro-2-butene	53	12.388	12.389	-0.001	90	2101959	750.0	756.1	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	85	863729	300.0	287.1	
156 N-Propylbenzene	91	12.446	12.446	0.000	98	8449868	300.0	284.9	
157 2-Chlorotoluene	126	12.523	12.523	0.000	96	1847578	300.0	300.1	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	94	6513542	300.0	293.0	
159 4-Chlorotoluene	126	12.616	12.617	-0.001	98	1792868	300.0	308.6	
160 tert-Butylbenzene	134	12.825	12.825	0.000	93	1251526	300.0	308.4	
162 1,2,4-Trimethylbenzene	105	12.867	12.864	0.003	98	6610051	300.0	279.7	
163 sec-Butylbenzene	105	12.989	12.986	0.003	95	7545934	300.0	287.3	
164 1,3-Dichlorobenzene	146	13.088	13.085	0.003	98	3286561	300.0	290.0	
165 4-Isopropyltoluene	119	13.094	13.091	0.003	96	6533451	300.0	287.2	
* 166 1,4-Dichlorobenzene-d4	152	13.139	13.140	-0.001	93	398598	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	93	3336936	300.0	287.8	
169 1,2,3-Trimethylbenzene	105	13.168	13.172	-0.004	99	7139004	300.0	279.7	
170 Benzyl chloride	91	13.236	13.236	0.000	99	5643774	300.0	314.0	
171 1,3-Diethylbenzene	119	13.293	13.294	-0.001	94	3763433	300.0	286.0	
172 p-Diethylbenzene	119	13.364	13.364	0.000	93	3852221	300.0	260.4	
173 n-Butylbenzene	92	13.386	13.383	0.003	98	3099139	300.0	283.2	
174 1,2-Dichlorobenzene	146	13.422	13.422	0.000	98	3517232	300.0	287.7	
175 o-diethylbenzene	119	13.438	13.438	0.000	96	3320205	300.0	289.9	
177 1,2-Dibromo-3-Chloropropane	75	13.964	13.964	0.000	86	868101	300.0	289.0	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	98	2279435	300.0	278.0	
179 1,2,4-Trichlorobenzene	180	14.513	14.513	0.000	94	2279094	300.0	275.4	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	80	2932851	299.8	316.4	
181 Hexachlorobutadiene	225	14.593	14.593	0.000	98	870713	300.0	304.4	
182 Naphthalene	128	14.696	14.696	0.000	98	9610513	300.0	246.5	
183 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	96	2343838	300.0	275.2	
184 2-Methylnaphthalene	142	15.475	15.476	-0.001	92	4685359	300.0	282.4	
S 210 Total Diethylbenzene	1				0			836.3	

QC Flag Legend

Processing Flags

Review Flags

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	15.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	15.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	12.00	Units: uL	
MSV_CCV_ETOH_00009	Amount Added:	30.00	Units: uL	
MSV_CCV_CYC_00012	Amount Added:	30.00	Units: uL	
MSV_CCV_GASES_01053	Amount Added:	7.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	15.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

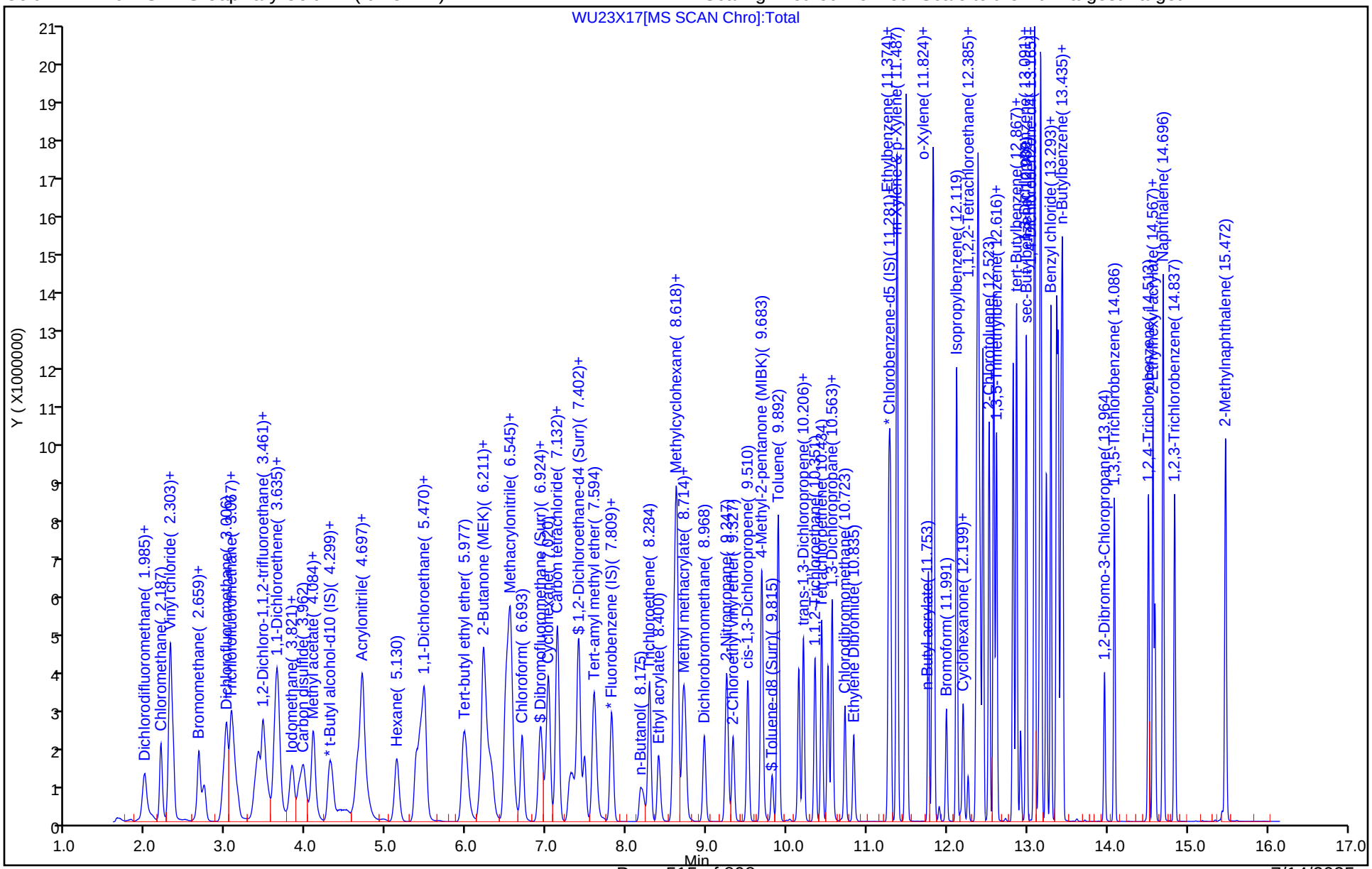
Report Date: 25-Jun-2025 08:55:52 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Injection Date:	23-Jun-2025 21:02:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	IC v300			Worklist Smp#:	18
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	17
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

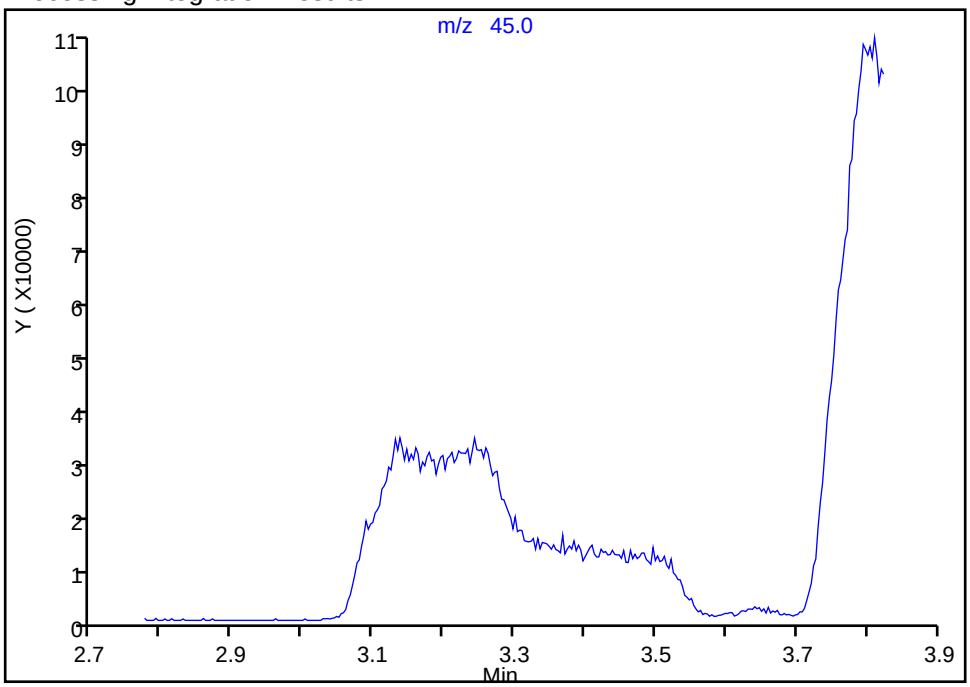
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D				
Injection Date:	23-Jun-2025 21:02:30	Instrument ID:	9137		
Lims ID:	IC v300				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	17	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

17 Ethanol, CAS: 64-17-5

Signal: 1

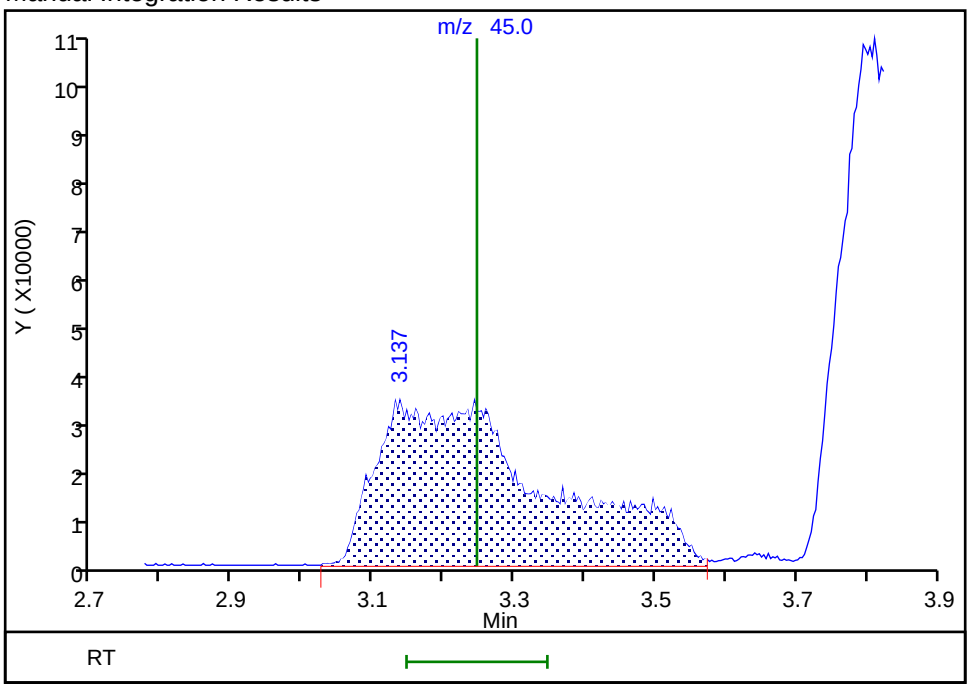
Not Detected
Expected RT: 3.25

Processing Integration Results



Manual Integration Results

RT: 3.14
Area: 545602
Amount: 6551.1005
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 21:37:38 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Calibration / Dichlorodifluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

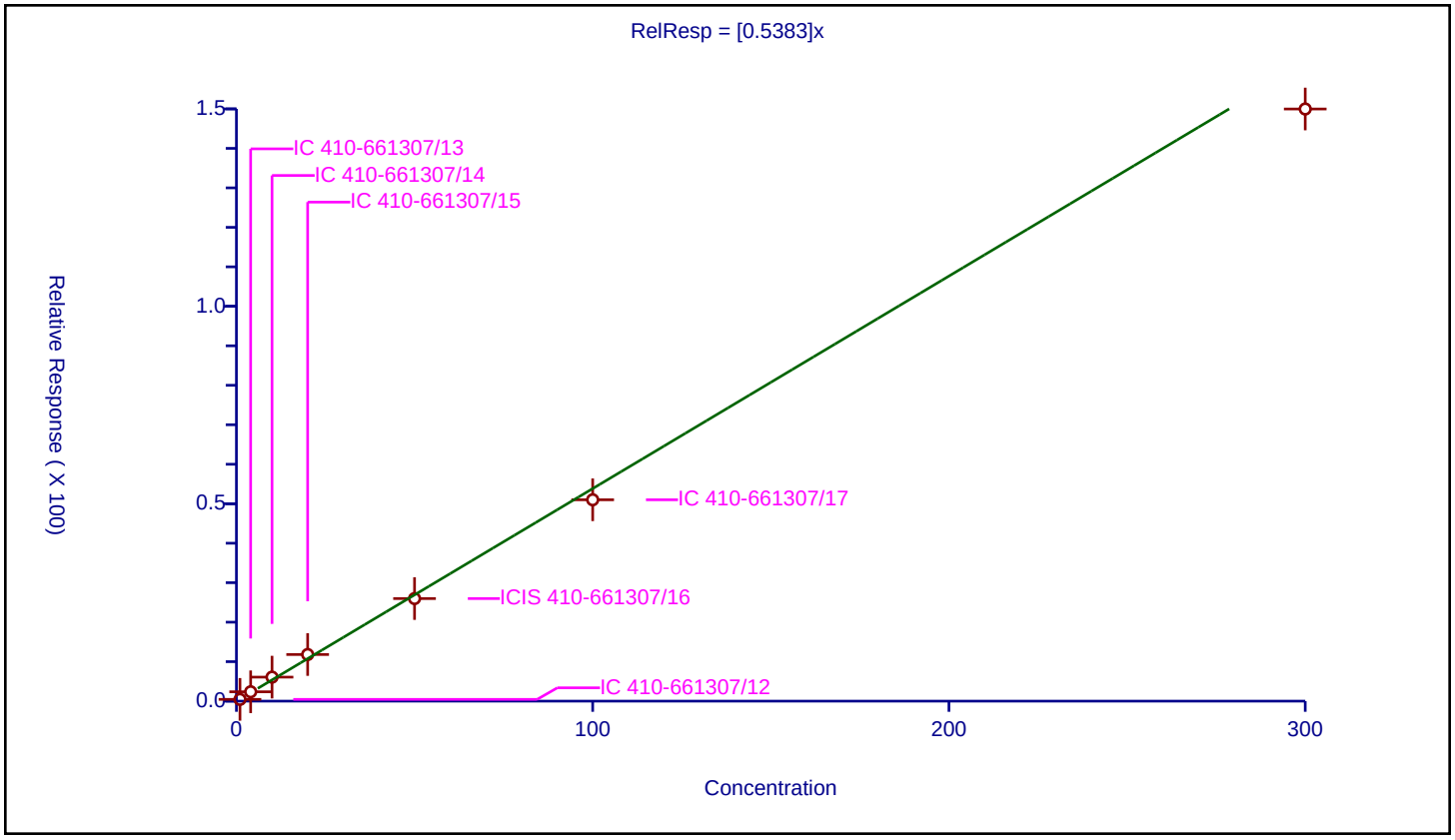
Curve Coefficients

Intercept:	0
Slope:	0.5383

Error Coefficients

Relative Standard Deviation:	11.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.447014	50.0	939903.0	0.447014	Y
2	IC 410-661307/13	4.0	2.372401	50.0	926930.0	0.5931	Y
3	IC 410-661307/14	10.0	6.080023	50.0	917990.0	0.608002	Y
4	IC 410-661307/15	20.0	11.805023	50.0	928088.0	0.590251	Y
5	ICIS 410-661307/16	50.0	25.982384	50.0	927463.0	0.519648	Y
6	IC 410-661307/17	100.0	51.002832	50.0	946121.0	0.510028	Y
7	IC 410-661307/18	300.0	149.97388	50.0	976258.0	0.499913	Y



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Calibration / Chloromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

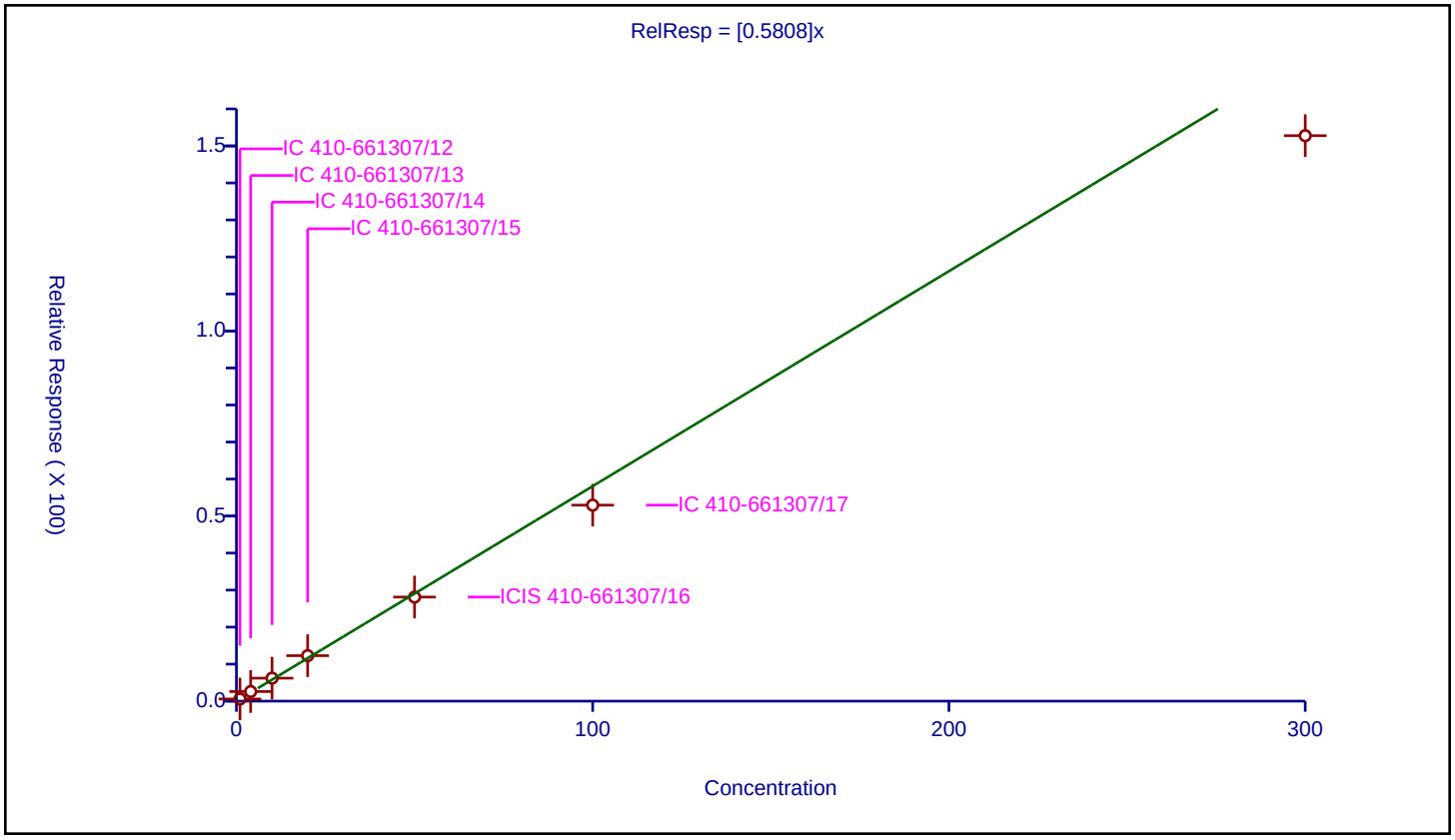
Curve Coefficients

Intercept:	0
Slope:	0.5808

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.580858	50.0	939903.0	0.580858	Y
2	IC 410-661307/13	4.0	2.594047	50.0	926930.0	0.648512	Y
3	IC 410-661307/14	10.0	6.208183	50.0	917990.0	0.620818	Y
4	IC 410-661307/15	20.0	12.286766	50.0	928088.0	0.614338	Y
5	ICIS 410-661307/16	50.0	28.114383	50.0	927463.0	0.562288	Y
6	IC 410-661307/17	100.0	52.948989	50.0	946121.0	0.52949	Y
7	IC 410-661307/18	300.0	152.765253	50.0	976258.0	0.509218	Y



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Calibration / Vinyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

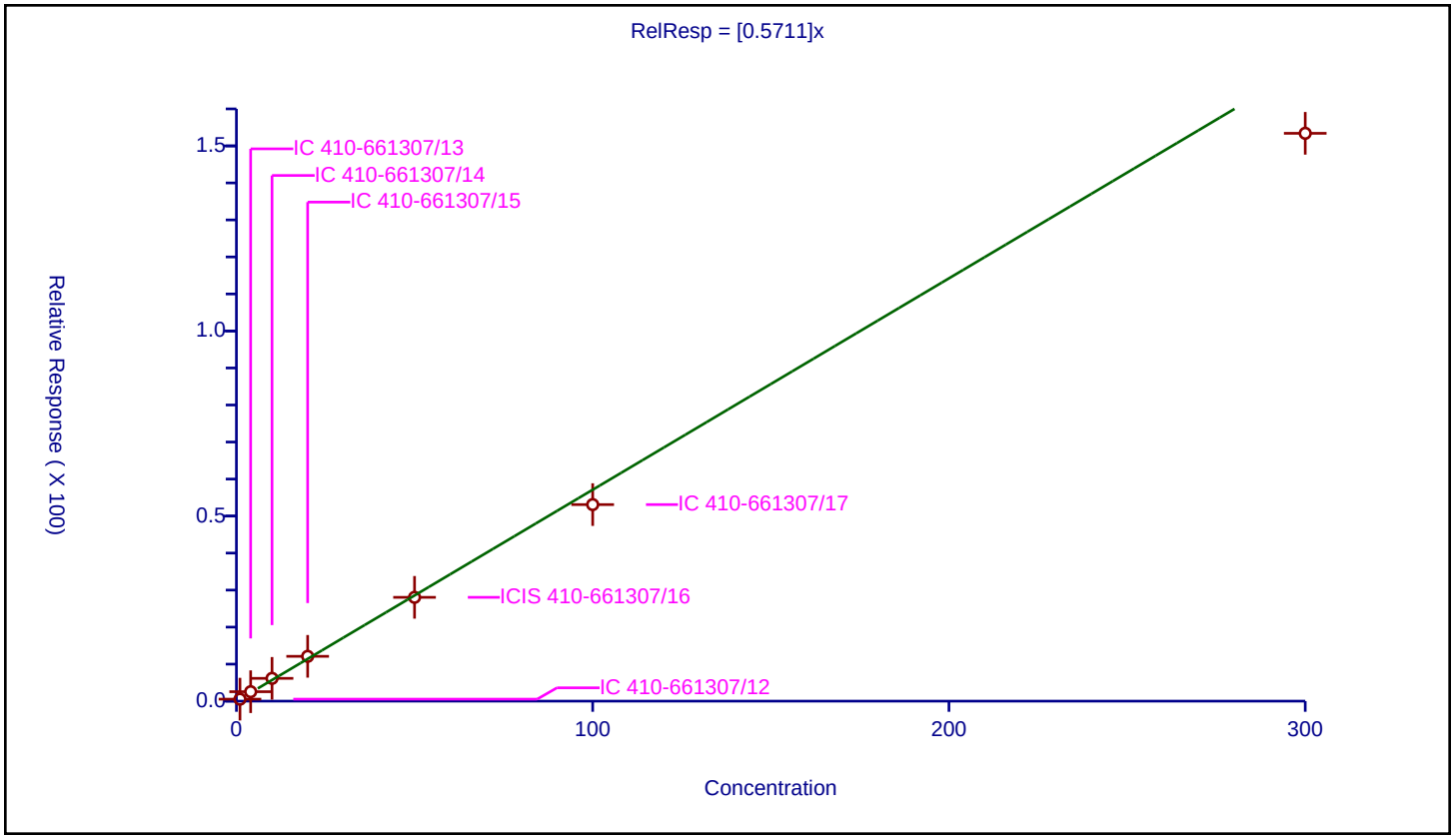
Curve Coefficients

Intercept:	0
Slope:	0.5711

Error Coefficients

Relative Standard Deviation:	8.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.536545	50.0	939903.0	0.536545	Y
2	IC 410-661307/13	4.0	2.549437	50.0	926930.0	0.637359	Y
3	IC 410-661307/14	10.0	6.153607	50.0	917990.0	0.615361	Y
4	IC 410-661307/15	20.0	12.10618	50.0	928088.0	0.605309	Y
5	ICIS 410-661307/16	50.0	28.041226	50.0	927463.0	0.560825	Y
6	IC 410-661307/17	100.0	53.095059	50.0	946121.0	0.530951	Y
7	IC 410-661307/18	300.0	153.398538	50.0	976258.0	0.511328	Y



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Calibration / Butadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

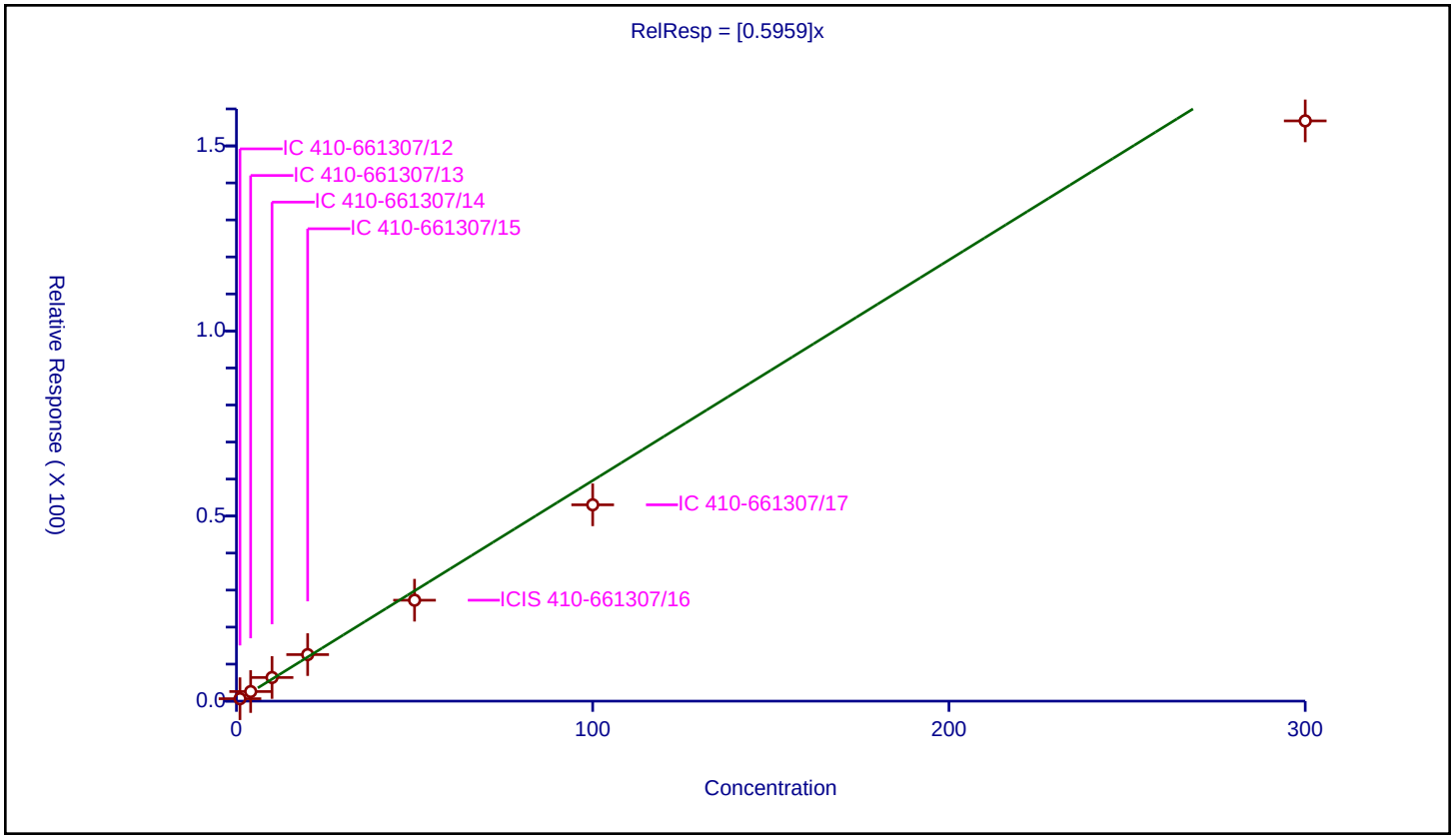
Curve Coefficients

Intercept:	0
Slope:	0.5959

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.657834	50.0	939903.0	0.657834	Y
2	IC 410-661307/13	4.0	2.592968	50.0	926930.0	0.648242	Y
3	IC 410-661307/14	10.0	6.383239	50.0	917990.0	0.638324	Y
4	IC 410-661307/15	20.0	12.573215	50.0	928088.0	0.628661	Y
5	ICIS 410-661307/16	50.0	27.264538	50.0	927463.0	0.545291	Y
6	IC 410-661307/17	100.0	53.039833	50.0	946121.0	0.530398	Y
7	IC 410-661307/18	300.0	156.75933	50.0	976258.0	0.522531	Y



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Calibration / Bromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

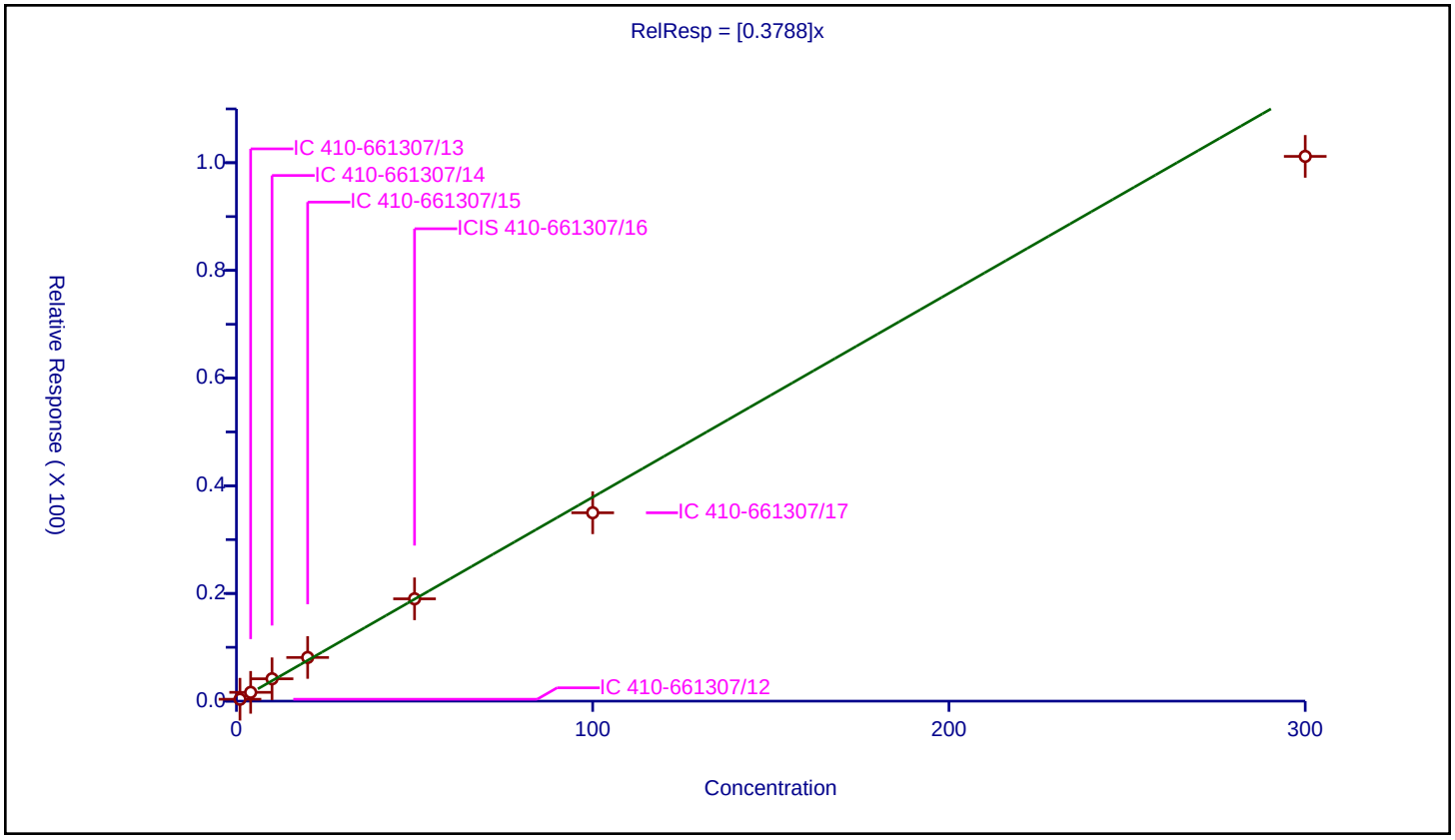
Curve Coefficients

Intercept:	0
Slope:	0.3788

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.355409	50.0	939903.0	0.355409	Y
2	IC 410-661307/13	4.0	1.63378	50.0	926930.0	0.408445	Y
3	IC 410-661307/14	10.0	4.150535	50.0	917990.0	0.415054	Y
4	IC 410-661307/15	20.0	8.111946	50.0	928088.0	0.405597	Y
5	ICIS 410-661307/16	50.0	19.000866	50.0	927463.0	0.380017	Y
6	IC 410-661307/17	100.0	34.988072	50.0	946121.0	0.349881	Y
7	IC 410-661307/18	300.0	101.181911	50.0	976258.0	0.337273	Y



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Calibration / Chloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

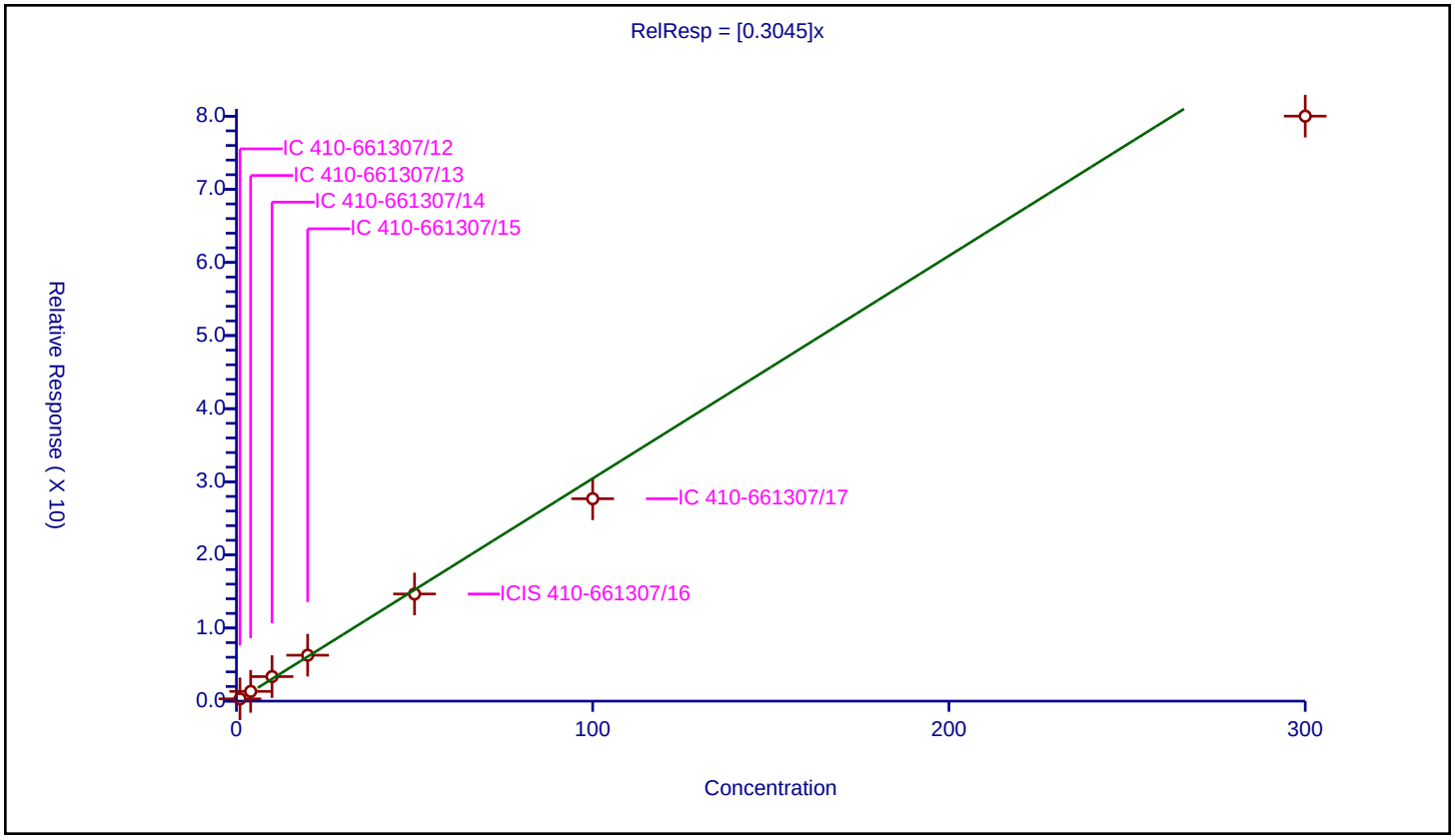
Curve Coefficients

Intercept:	0
Slope:	0.3045

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.311415	50.0	939903.0	0.311415	Y
2	IC 410-661307/13	4.0	1.334189	50.0	926930.0	0.333547	Y
3	IC 410-661307/14	10.0	3.358261	50.0	917990.0	0.335826	Y
4	IC 410-661307/15	20.0	6.28324	50.0	928088.0	0.314162	Y
5	ICIS 410-661307/16	50.0	14.657027	50.0	927463.0	0.293141	Y
6	IC 410-661307/17	100.0	27.683457	50.0	946121.0	0.276835	Y
7	IC 410-661307/18	300.0	80.009588	50.0	976258.0	0.266699	Y



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Calibration / Dichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

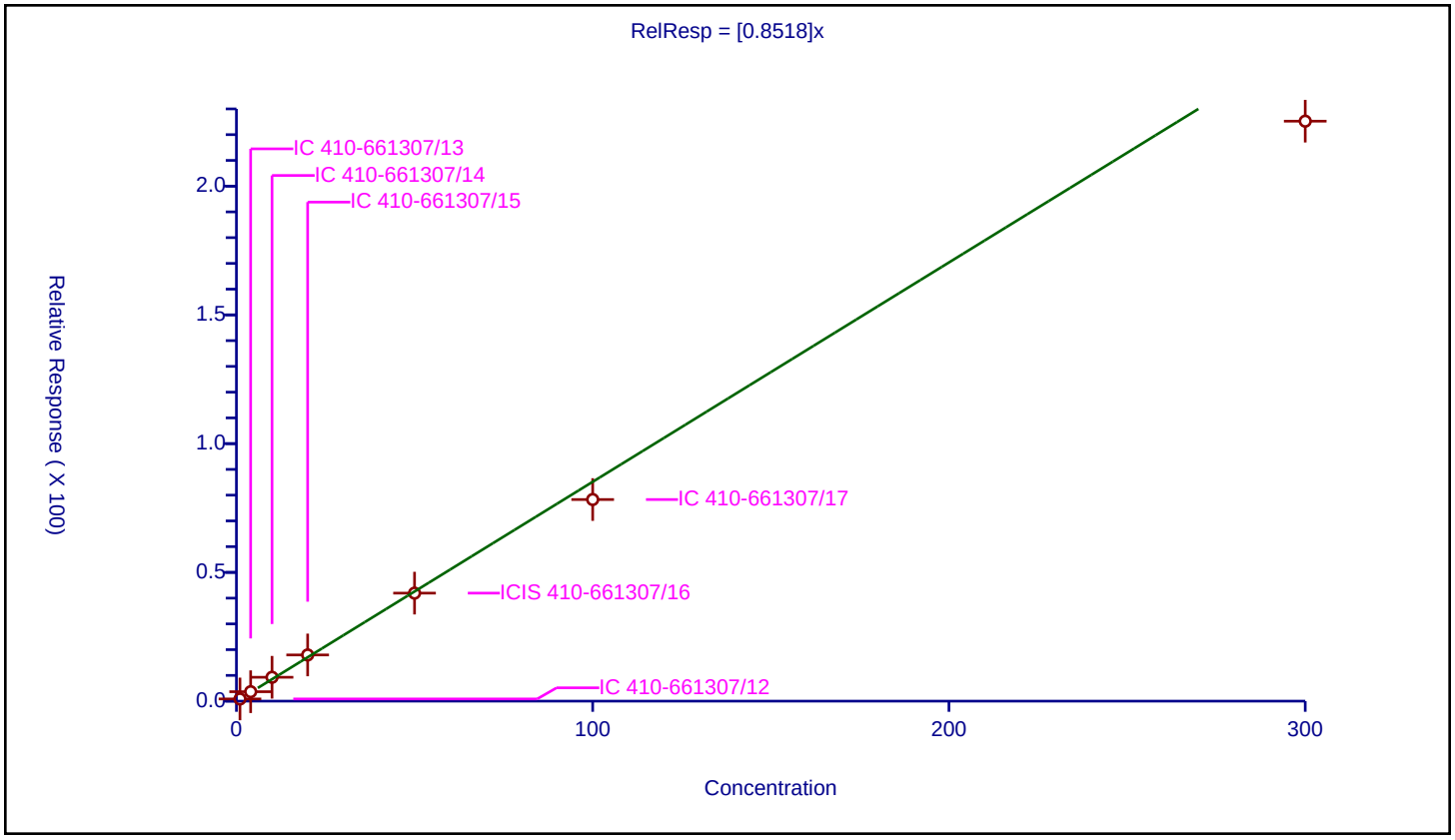
Curve Coefficients

Intercept:	0
Slope:	0.8518

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.848226	50.0	939903.0	0.848226	Y
2	IC 410-661307/13	4.0	3.668832	50.0	926930.0	0.917208	Y
3	IC 410-661307/14	10.0	9.271942	50.0	917990.0	0.927194	Y
4	IC 410-661307/15	20.0	17.941725	50.0	928088.0	0.897086	Y
5	ICIS 410-661307/16	50.0	41.944207	50.0	927463.0	0.838884	Y
6	IC 410-661307/17	100.0	78.298336	50.0	946121.0	0.782983	Y
7	IC 410-661307/18	300.0	225.230267	50.0	976258.0	0.750768	Y



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Calibration / Trichlorofluoromethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

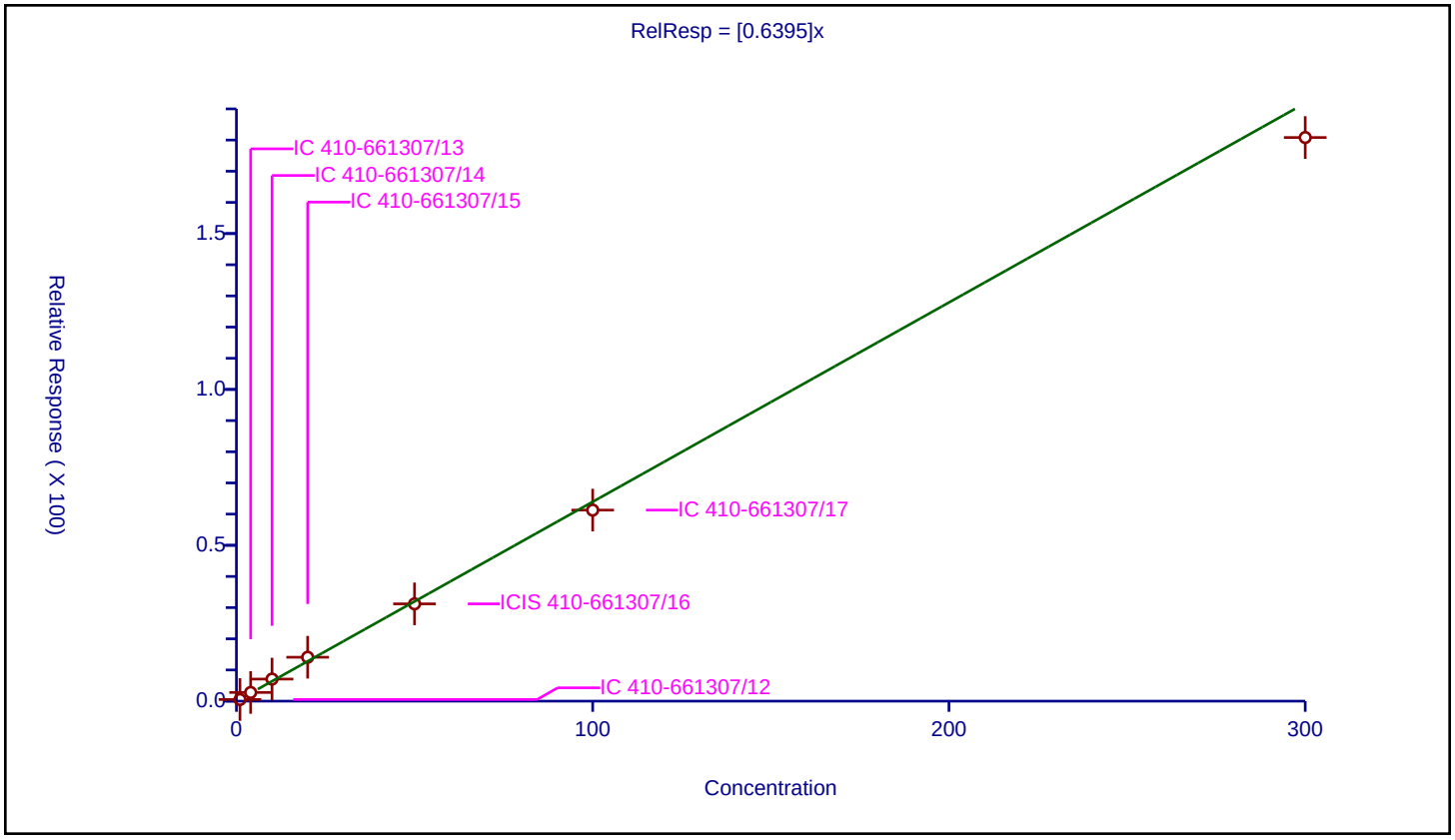
Curve Coefficients

Intercept:	0
Slope:	0.6395

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.527342	50.0	939903.0	0.527342	Y
2	IC 410-661307/13	4.0	2.788668	50.0	926930.0	0.697167	Y
3	IC 410-661307/14	10.0	7.081177	50.0	917990.0	0.708118	Y
4	IC 410-661307/15	20.0	14.081477	50.0	928088.0	0.704074	Y
5	ICIS 410-661307/16	50.0	31.206851	50.0	927463.0	0.624137	Y
6	IC 410-661307/17	100.0	61.28418	50.0	946121.0	0.612842	Y
7	IC 410-661307/18	300.0	180.81122	50.0	976258.0	0.602704	Y



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Calibration / Pentane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

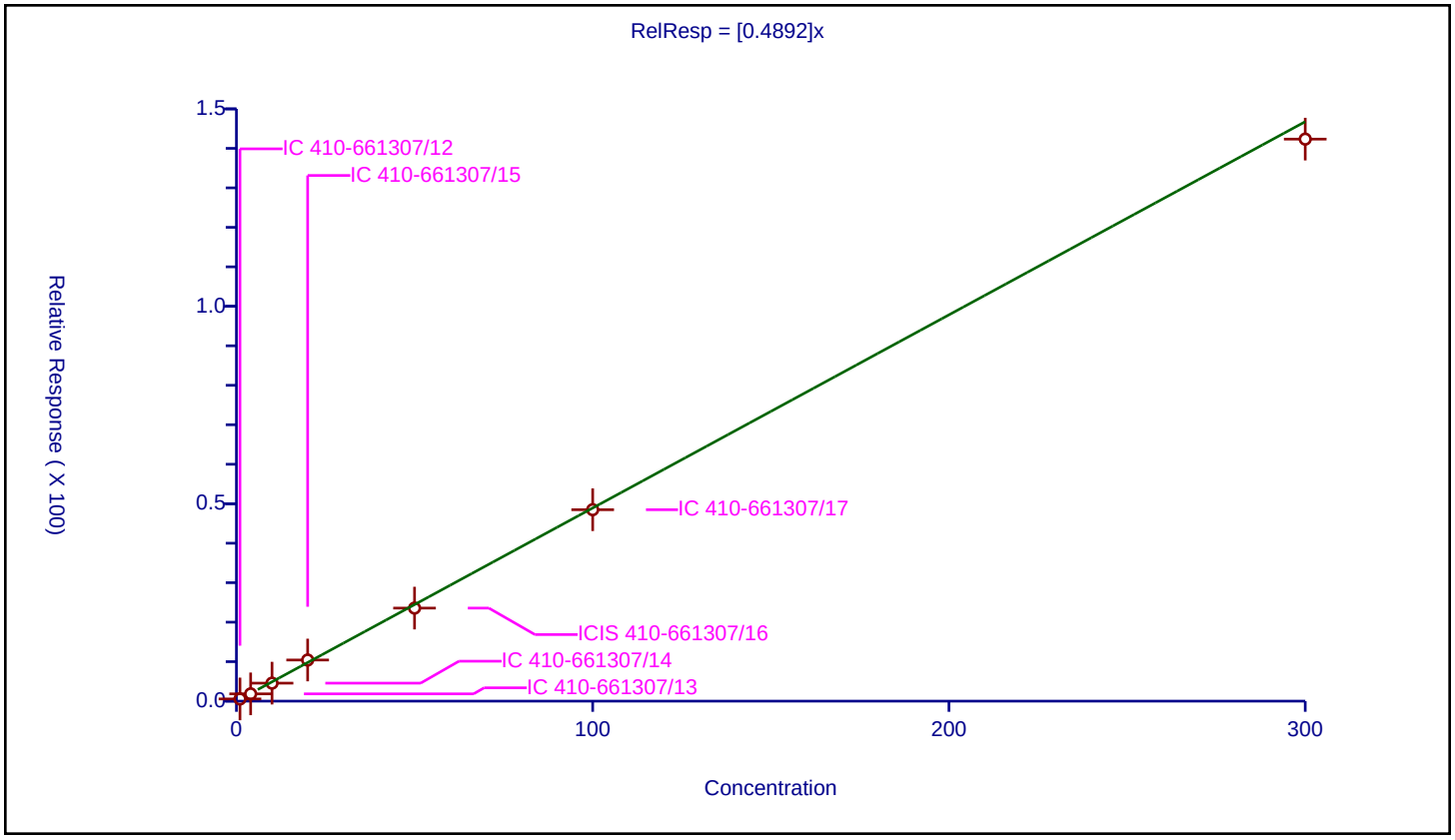
Curve Coefficients

Intercept:	0
Slope:	0.4892

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.556494	50.0	939903.0	0.556494	Y
2	IC 410-661307/13	4.0	1.841995	50.0	926930.0	0.460499	Y
3	IC 410-661307/14	10.0	4.557838	50.0	917990.0	0.455784	Y
4	IC 410-661307/15	20.0	10.417708	50.0	928088.0	0.520885	Y
5	ICIS 410-661307/16	50.0	23.563366	50.0	927463.0	0.471267	Y
6	IC 410-661307/17	100.0	48.482277	50.0	946121.0	0.484823	Y
7	IC 410-661307/18	300.0	142.343878	50.0	976258.0	0.47448	Y



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Calibration / Ethanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

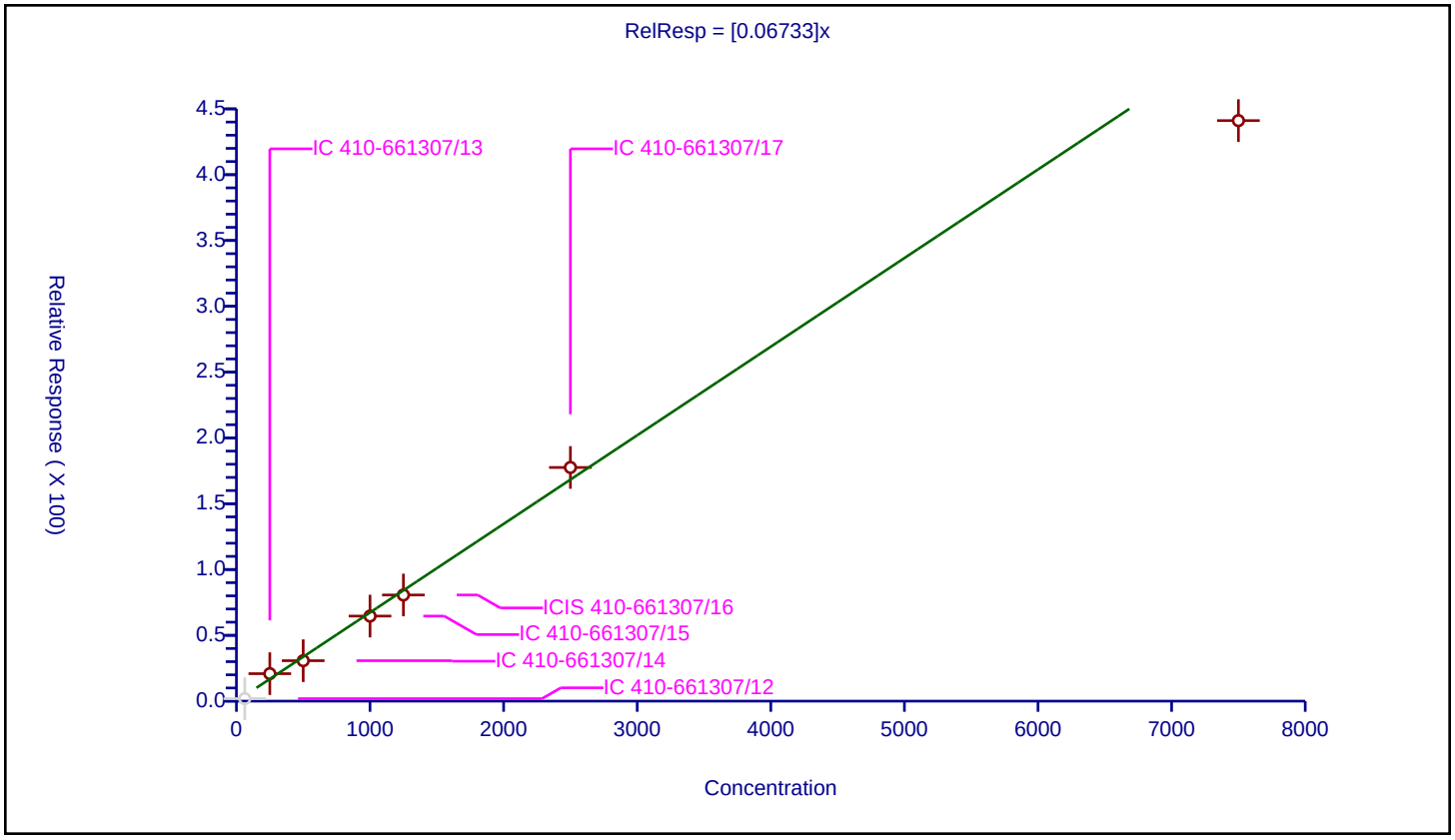
Curve Coefficients

Intercept:	0
Slope:	0.06733

Error Coefficients

Relative Standard Deviation:	13.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	62.50002	1.900338	250.0	372039.0	0.030405	N
2	IC 410-661307/13	250.00008	20.883174	250.0	366587.0	0.083533	Y
3	IC 410-661307/14	500.00016	30.732081	250.0	342899.0	0.061464	Y
4	IC 410-661307/15	1000.00032	64.626588	250.0	329489.0	0.064627	Y
5	ICIS 410-661307/16	1250.0004	80.662387	250.0	342232.0	0.06453	Y
6	IC 410-661307/17	2500.0008	177.552818	250.0	355842.0	0.071021	Y
7	IC 410-661307/18	7500.0024	441.092962	250.0	309233.0	0.058812	Y



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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

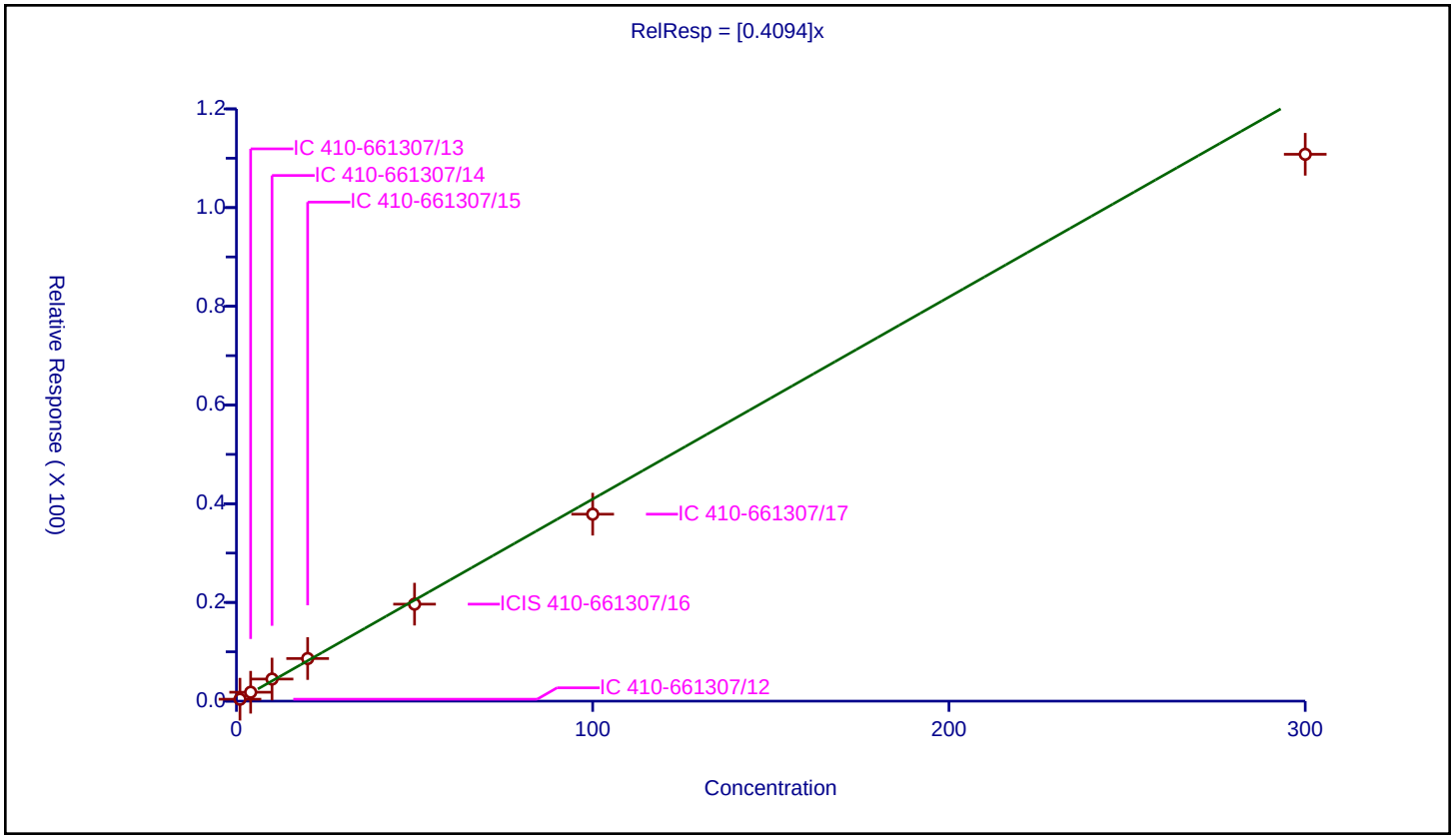
Curve Coefficients

Intercept:	0
Slope:	0.4094

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.393604	50.0	939903.0	0.393604	Y
2	IC 410-661307/13	4.0	1.80758	50.0	926930.0	0.451895	Y
3	IC 410-661307/14	10.0	4.47385	50.0	917990.0	0.447385	Y
4	IC 410-661307/15	20.0	8.632317	50.0	928088.0	0.431616	Y
5	ICIS 410-661307/16	50.0	19.652159	50.0	927463.0	0.393043	Y
6	IC 410-661307/17	100.0	37.880039	50.0	946121.0	0.3788	Y
7	IC 410-661307/18	300.0	110.806774	50.0	976258.0	0.369356	Y



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Calibration / Acrolein

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

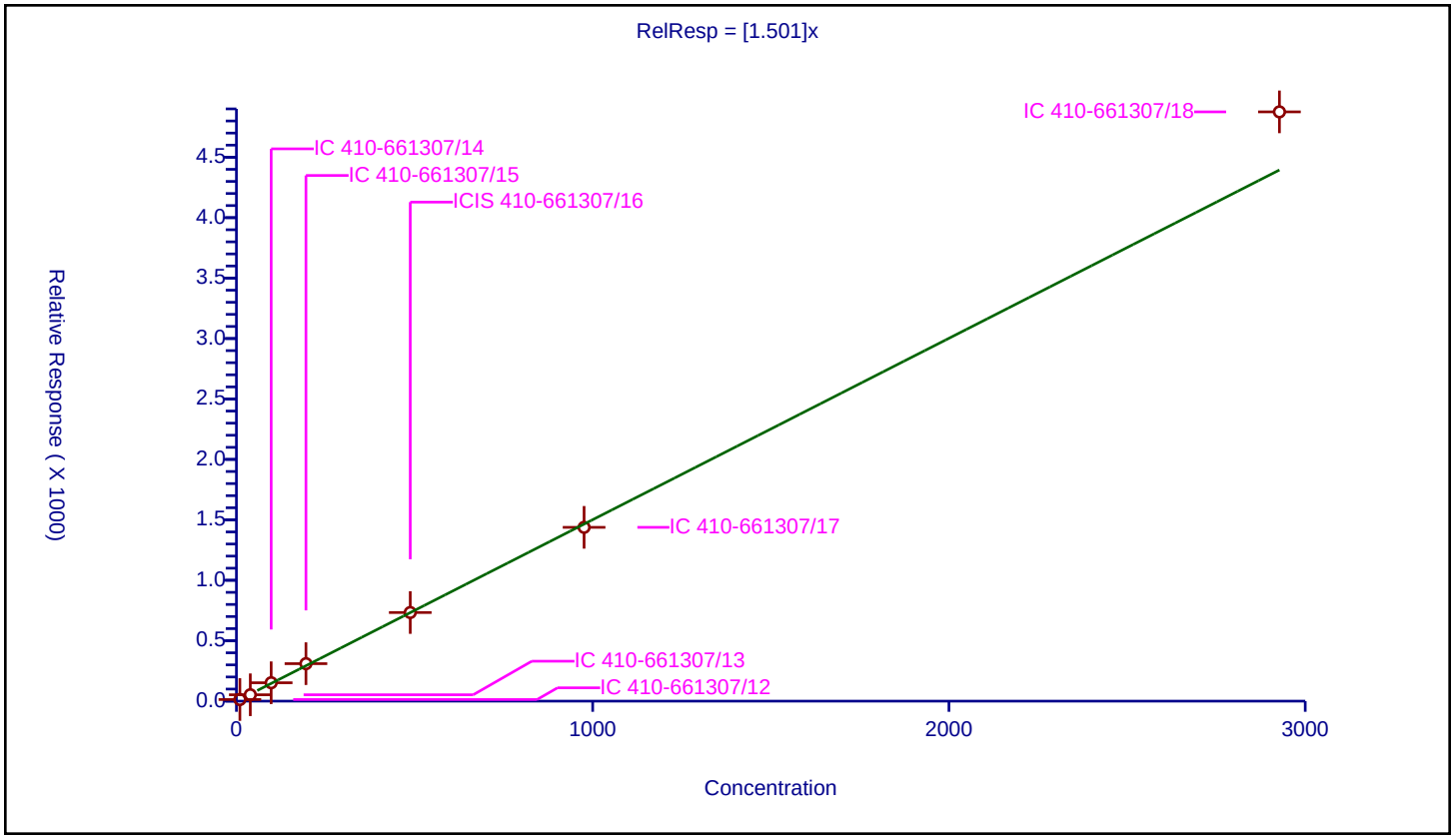
Curve Coefficients

Intercept:	0
Slope:	1.501

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	9.758805	13.352767	250.0	372039.0	1.368279	Y
2	IC 410-661307/13	39.03522	52.677127	250.0	366587.0	1.349477	Y
3	IC 410-661307/14	97.588049	152.173089	250.0	342899.0	1.559341	Y
4	IC 410-661307/15	195.176098	310.076361	250.0	329489.0	1.5887	Y
5	ICIS 410-661307/16	487.940246	733.153972	250.0	342232.0	1.502549	Y
6	IC 410-661307/17	975.880491	1437.90362	250.0	355842.0	1.473442	Y
7	IC 410-661307/18	2927.641474	4875.423225	250.0	309233.0	1.665307	Y



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Calibration / 1,1-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

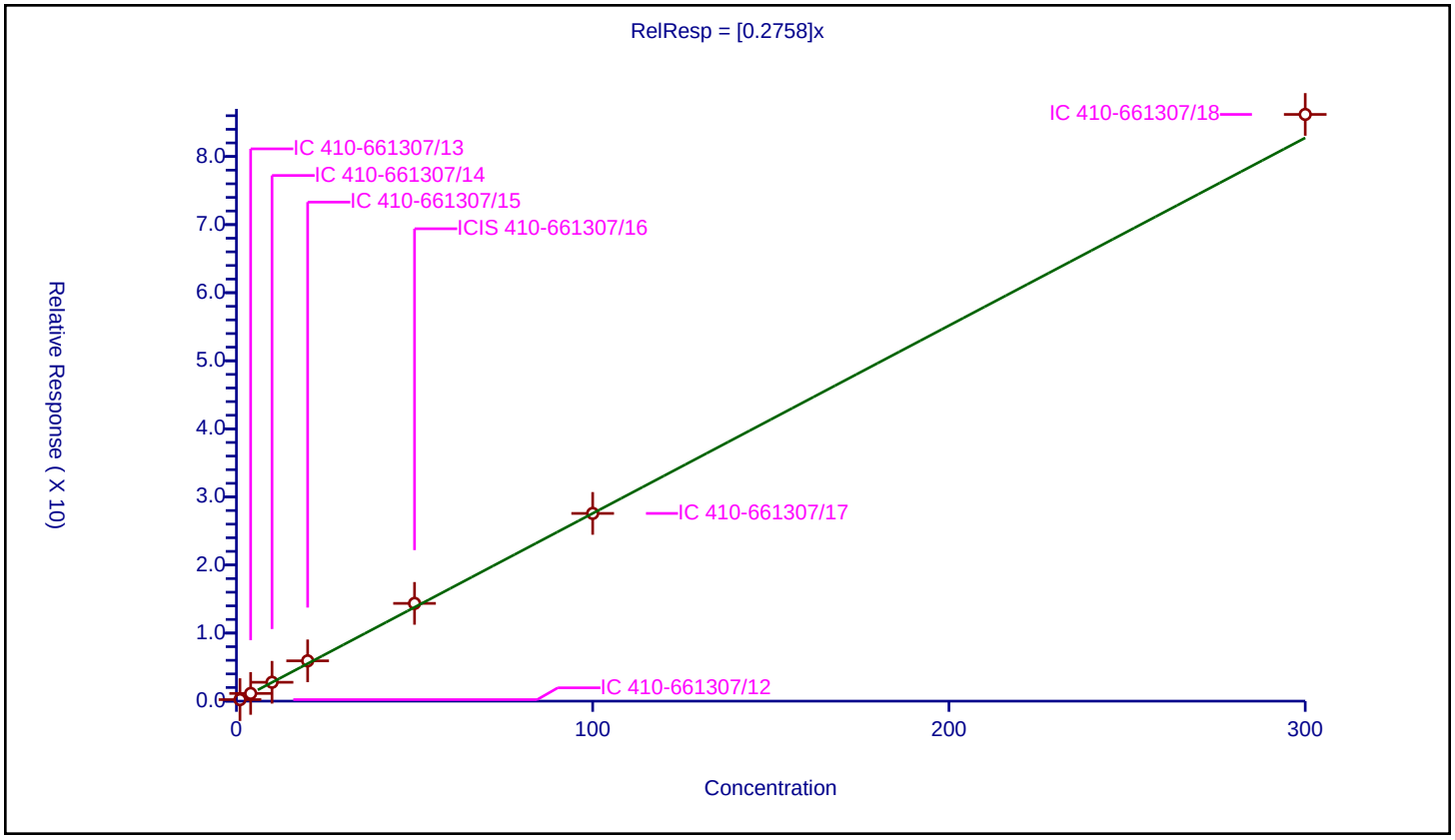
Curve Coefficients

Intercept:	0
Slope:	0.2758

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.223853	50.0	939903.0	0.223853	Y
2	IC 410-661307/13	4.0	1.132772	50.0	926930.0	0.283193	Y
3	IC 410-661307/14	10.0	2.773832	50.0	917990.0	0.277383	Y
4	IC 410-661307/15	20.0	5.919697	50.0	928088.0	0.295985	Y
5	ICIS 410-661307/16	50.0	14.360465	50.0	927463.0	0.287209	Y
6	IC 410-661307/17	100.0	27.576494	50.0	946121.0	0.275765	Y
7	IC 410-661307/18	300.0	86.187821	50.0	976258.0	0.287293	Y



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Calibration / Acetone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

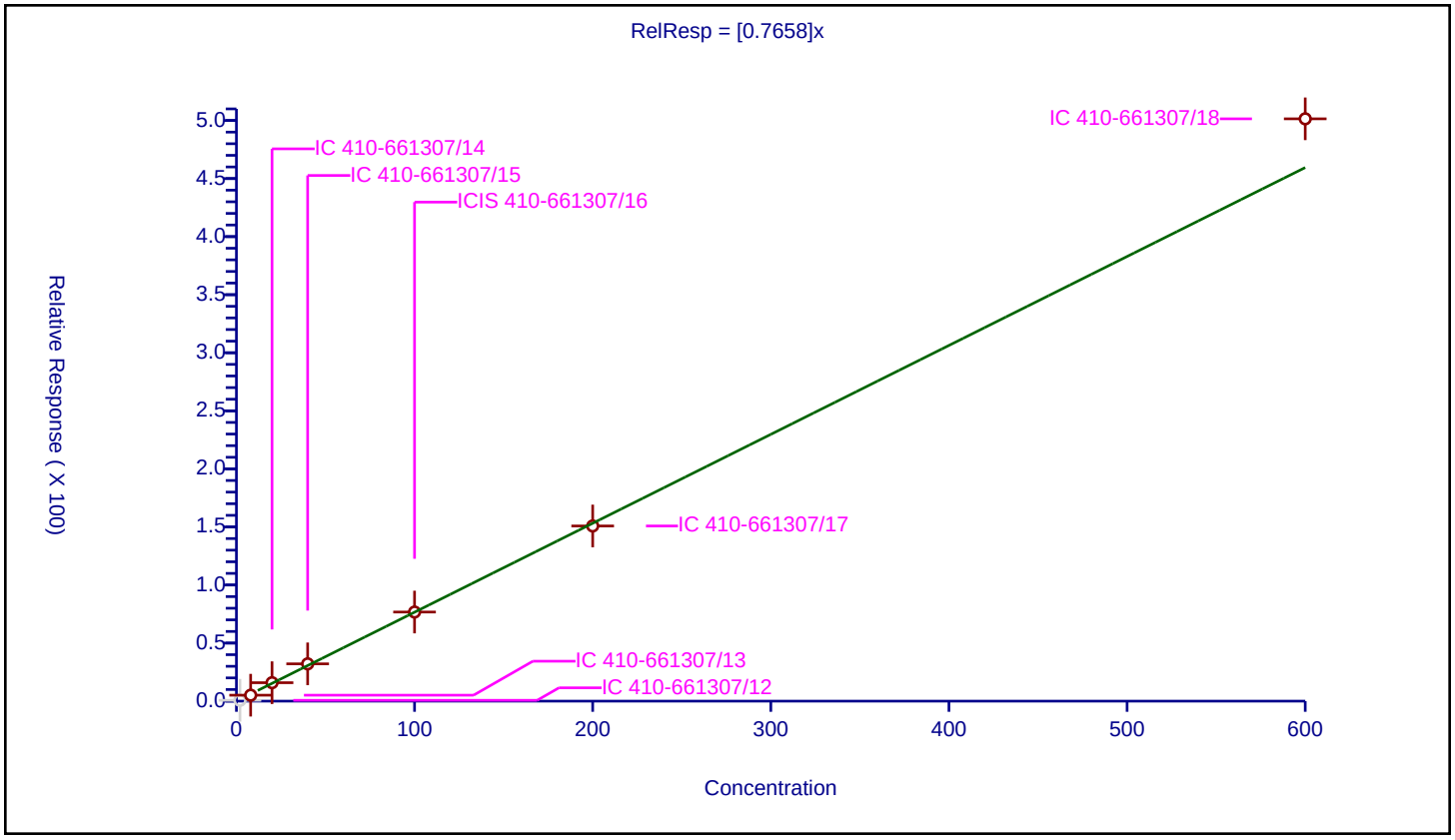
Curve Coefficients

Intercept:	0
Slope:	0.7658

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.0	0.721699	250.0	372039.0	0.360849	N
2	IC 410-661307/13	8.0	5.122931	250.0	366587.0	0.640366	Y
3	IC 410-661307/14	20.0	15.887331	250.0	342899.0	0.794367	Y
4	IC 410-661307/15	40.0	32.111846	250.0	329489.0	0.802796	Y
5	ICIS 410-661307/16	100.0	76.72573	250.0	342232.0	0.767257	Y
6	IC 410-661307/17	200.0	150.842228	250.0	355842.0	0.754211	Y
7	IC 410-661307/18	600.0	501.447937	250.0	309233.0	0.835747	Y



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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

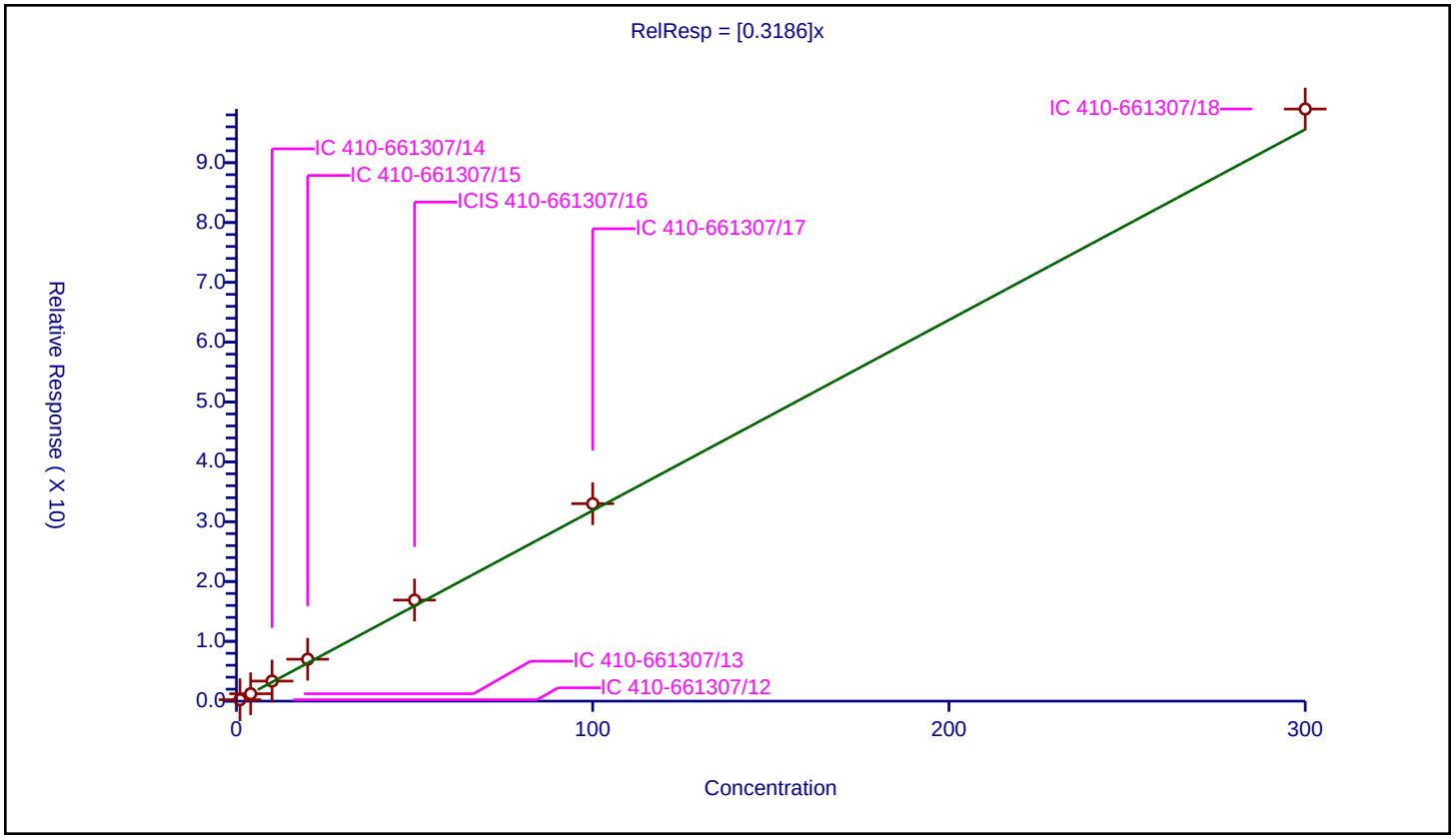
Curve Coefficients

Intercept:	0
Slope:	0.3186

Error Coefficients

Relative Standard Deviation:	11.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.238056	50.0	939903.0	0.238056	Y
2	IC 410-661307/13	4.0	1.23348	50.0	926930.0	0.30837	Y
3	IC 410-661307/14	10.0	3.35325	50.0	917990.0	0.335325	Y
4	IC 410-661307/15	20.0	7.007202	50.0	928088.0	0.35036	Y
5	ICIS 410-661307/16	50.0	16.89221	50.0	927463.0	0.337844	Y
6	IC 410-661307/17	100.0	33.009097	50.0	946121.0	0.330091	Y
7	IC 410-661307/18	300.0	98.977063	50.0	976258.0	0.329924	Y



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Calibration / Isopropyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

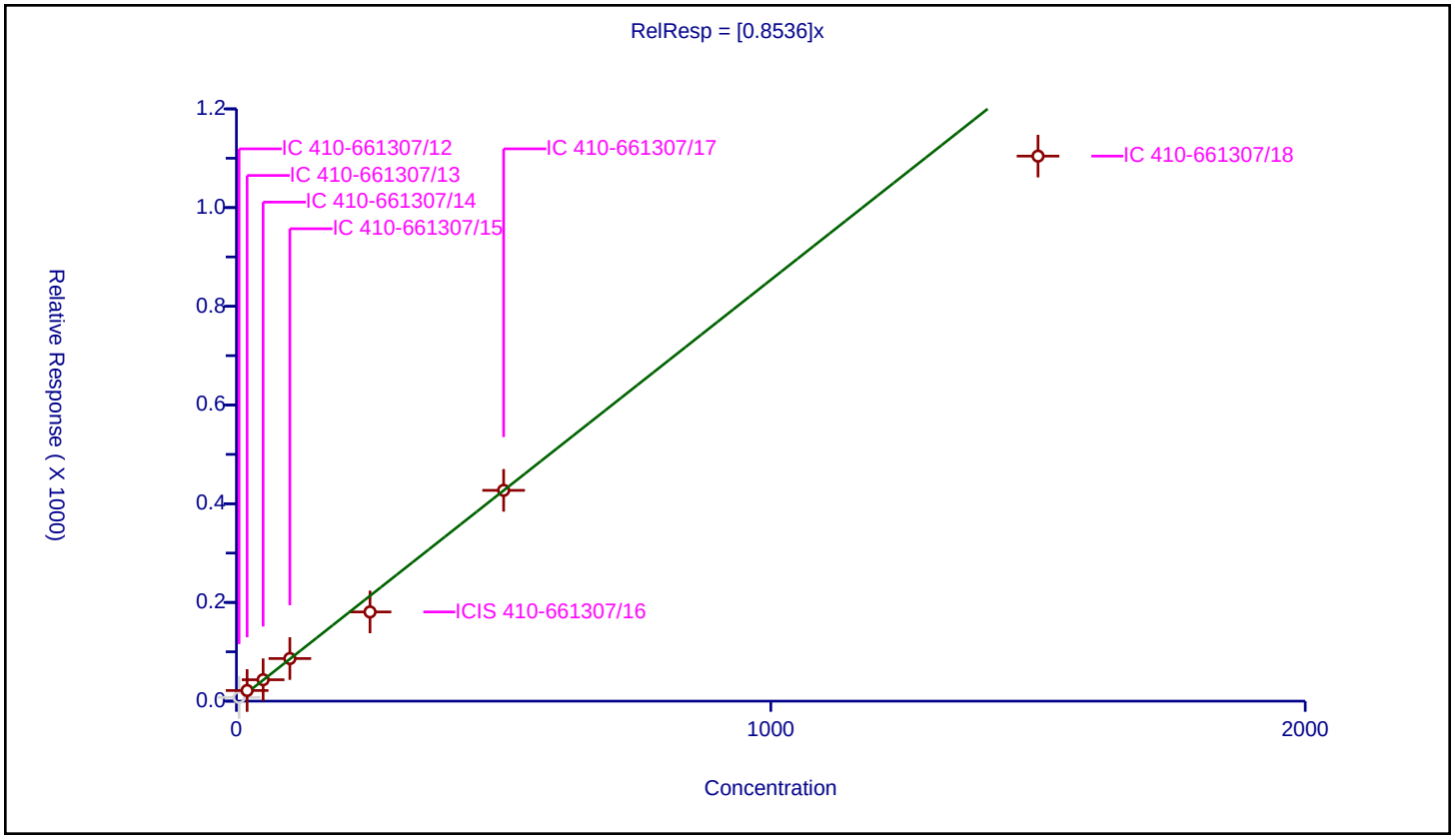
Curve Coefficients

Intercept:	0
Slope:	0.8536

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	5.0	7.641672	250.0	372039.0	1.528334	N
2	IC 410-661307/13	20.0	21.552183	250.0	366587.0	1.077609	Y
3	IC 410-661307/14	50.0	43.380121	250.0	342899.0	0.867602	Y
4	IC 410-661307/15	100.0	86.291196	250.0	329489.0	0.862912	Y
5	ICIS 410-661307/16	250.0	180.765533	250.0	342232.0	0.723062	Y
6	IC 410-661307/17	500.0	427.12777	250.0	355842.0	0.854256	Y
7	IC 410-661307/18	1500.0	1104.295952	250.0	309233.0	0.736197	Y



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Calibration / Iodomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

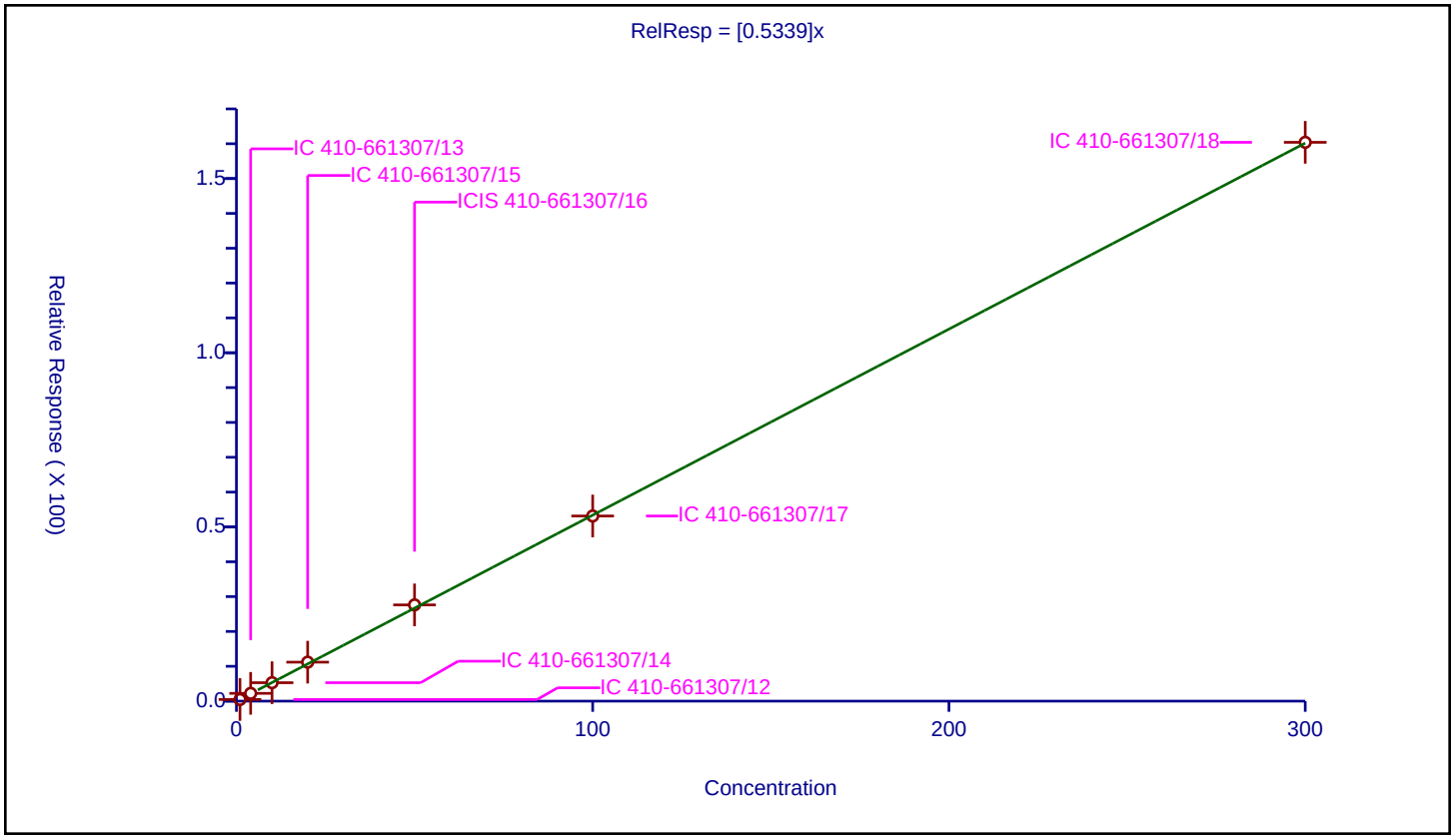
Curve Coefficients

Intercept:	0
Slope:	0.5339

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.47191	50.0	939903.0	0.47191	Y
2	IC 410-661307/13	4.0	2.234635	50.0	926930.0	0.558659	Y
3	IC 410-661307/14	10.0	5.291888	50.0	917990.0	0.529189	Y
4	IC 410-661307/15	20.0	11.185469	50.0	928088.0	0.559273	Y
5	ICIS 410-661307/16	50.0	27.625037	50.0	927463.0	0.552501	Y
6	IC 410-661307/17	100.0	53.142516	50.0	946121.0	0.531425	Y
7	IC 410-661307/18	300.0	160.40181	50.0	976258.0	0.534673	Y



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Calibration / Carbon disulfide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

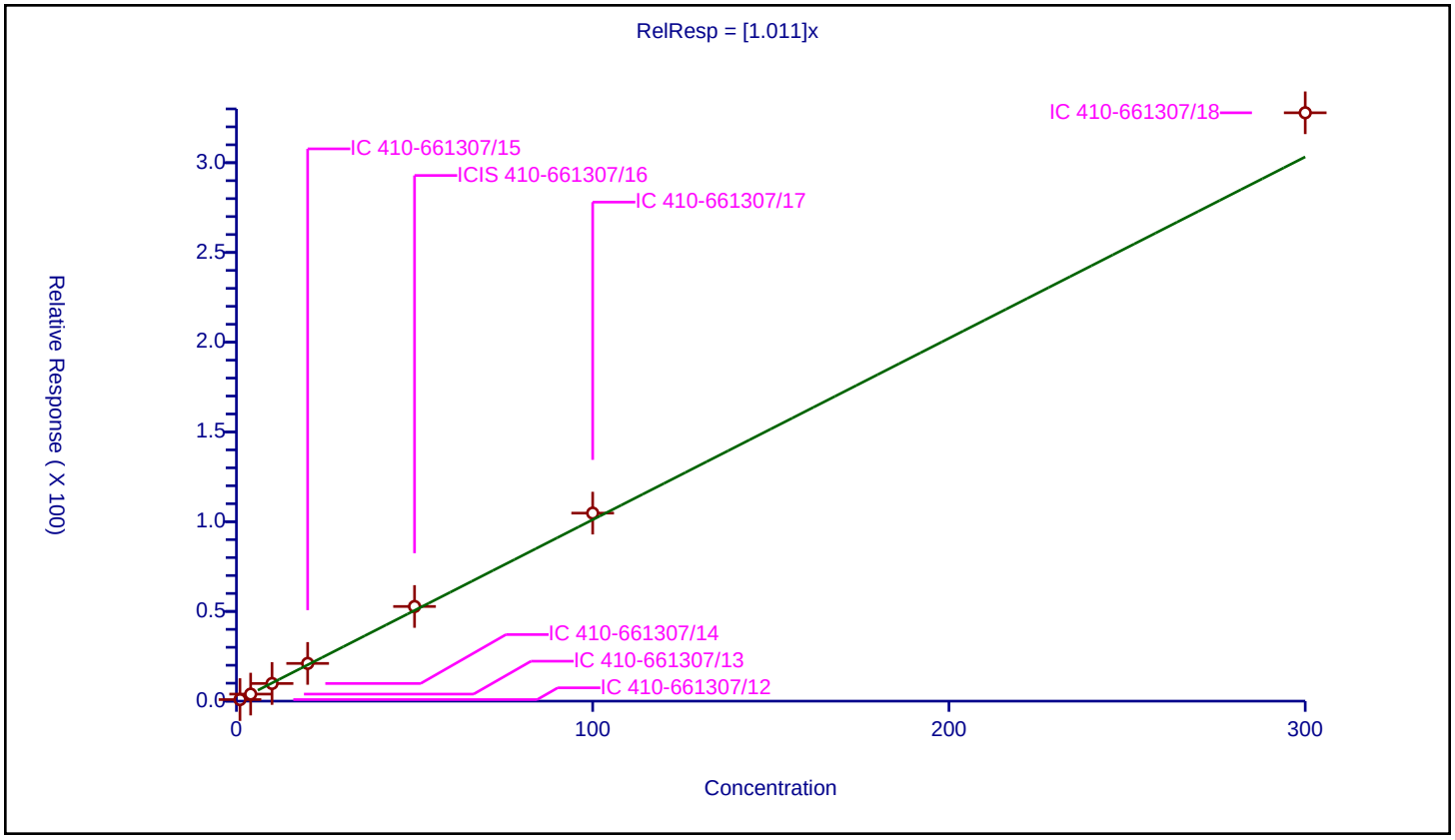
Curve Coefficients

Intercept:	0
Slope:	1.011

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.864876	50.0	939903.0	0.864876	Y
2	IC 410-661307/13	4.0	3.922734	50.0	926930.0	0.980684	Y
3	IC 410-661307/14	10.0	9.837852	50.0	917990.0	0.983785	Y
4	IC 410-661307/15	20.0	21.026562	50.0	928088.0	1.051328	Y
5	ICIS 410-661307/16	50.0	52.742967	50.0	927463.0	1.054859	Y
6	IC 410-661307/17	100.0	104.763873	50.0	946121.0	1.047639	Y
7	IC 410-661307/18	300.0	327.835879	50.0	976258.0	1.092786	Y



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Calibration / Methyl acetate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

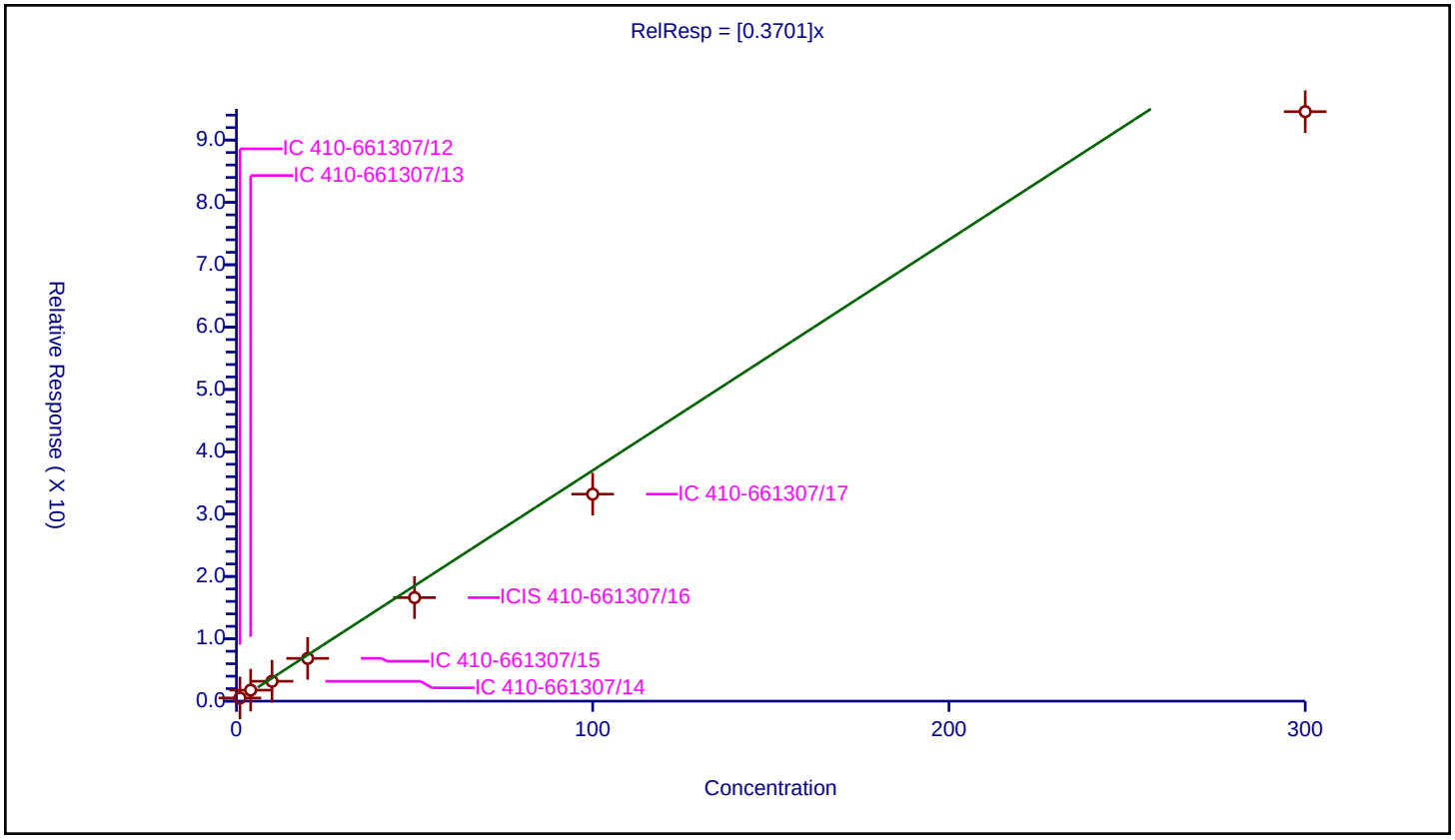
Curve Coefficients

Intercept:	0
Slope:	0.3701

Error Coefficients

Relative Standard Deviation:	20.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.507818	50.0	939903.0	0.507818	Y
2	IC 410-661307/13	4.0	1.767555	50.0	926930.0	0.441889	Y
3	IC 410-661307/14	10.0	3.187399	50.0	917990.0	0.31874	Y
4	IC 410-661307/15	20.0	6.857378	50.0	928088.0	0.342869	Y
5	ICIS 410-661307/16	50.0	16.604436	50.0	927463.0	0.332089	Y
6	IC 410-661307/17	100.0	33.201356	50.0	946121.0	0.332014	Y
7	IC 410-661307/18	300.0	94.556203	50.0	976258.0	0.315187	Y



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Calibration / 3-Chloro-1-propene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

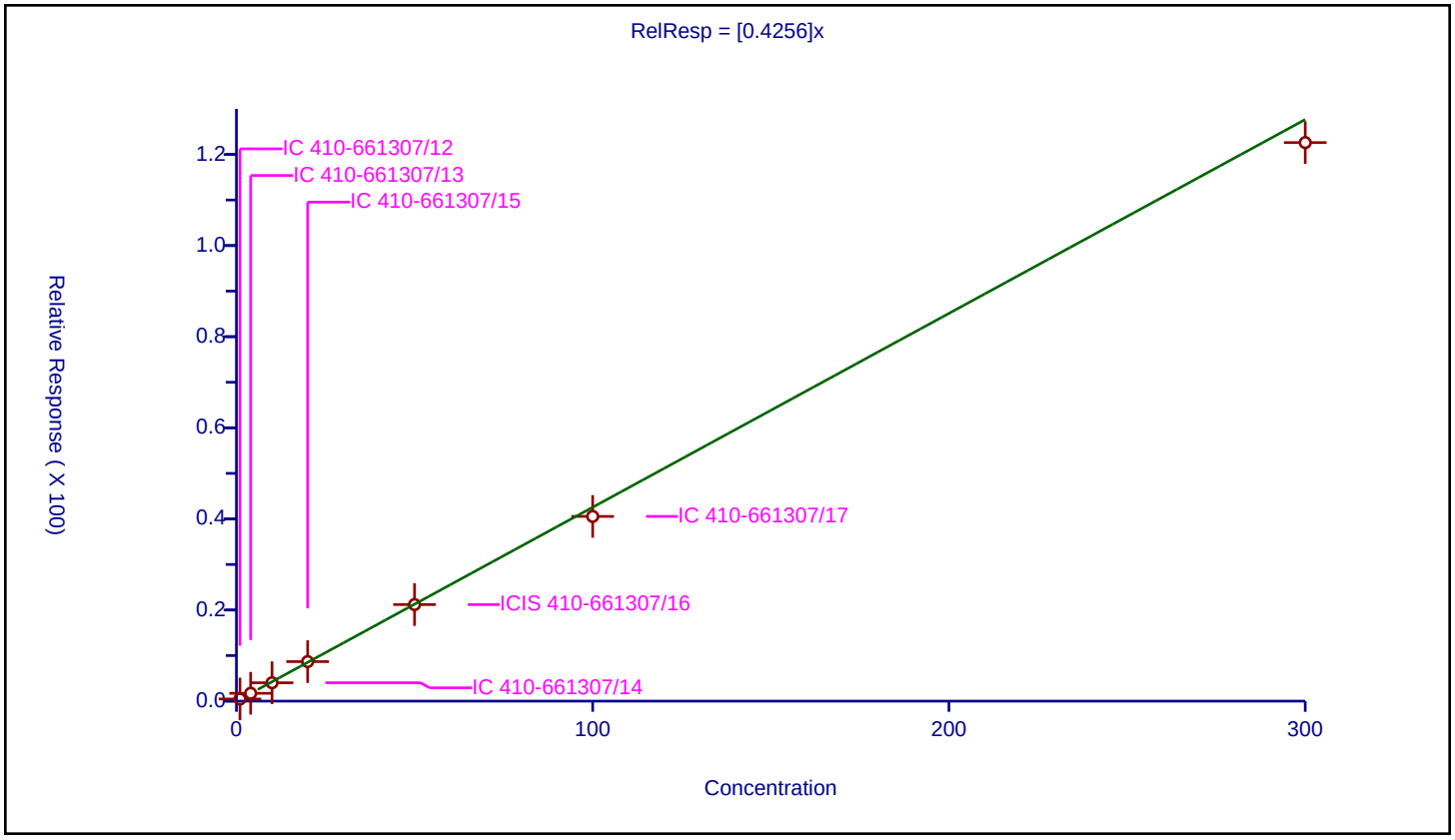
Curve Coefficients

Intercept:	0
Slope:	0.4256

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.473347	50.0	939903.0	0.473347	Y
2	IC 410-661307/13	4.0	1.720464	50.0	926930.0	0.430116	Y
3	IC 410-661307/14	10.0	4.035774	50.0	917990.0	0.403577	Y
4	IC 410-661307/15	20.0	8.676171	50.0	928088.0	0.433809	Y
5	ICIS 410-661307/16	50.0	21.195563	50.0	927463.0	0.423911	Y
6	IC 410-661307/17	100.0	40.546611	50.0	946121.0	0.405466	Y
7	IC 410-661307/18	300.0	122.60212	50.0	976258.0	0.408674	Y



Calibration / Methylene Chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

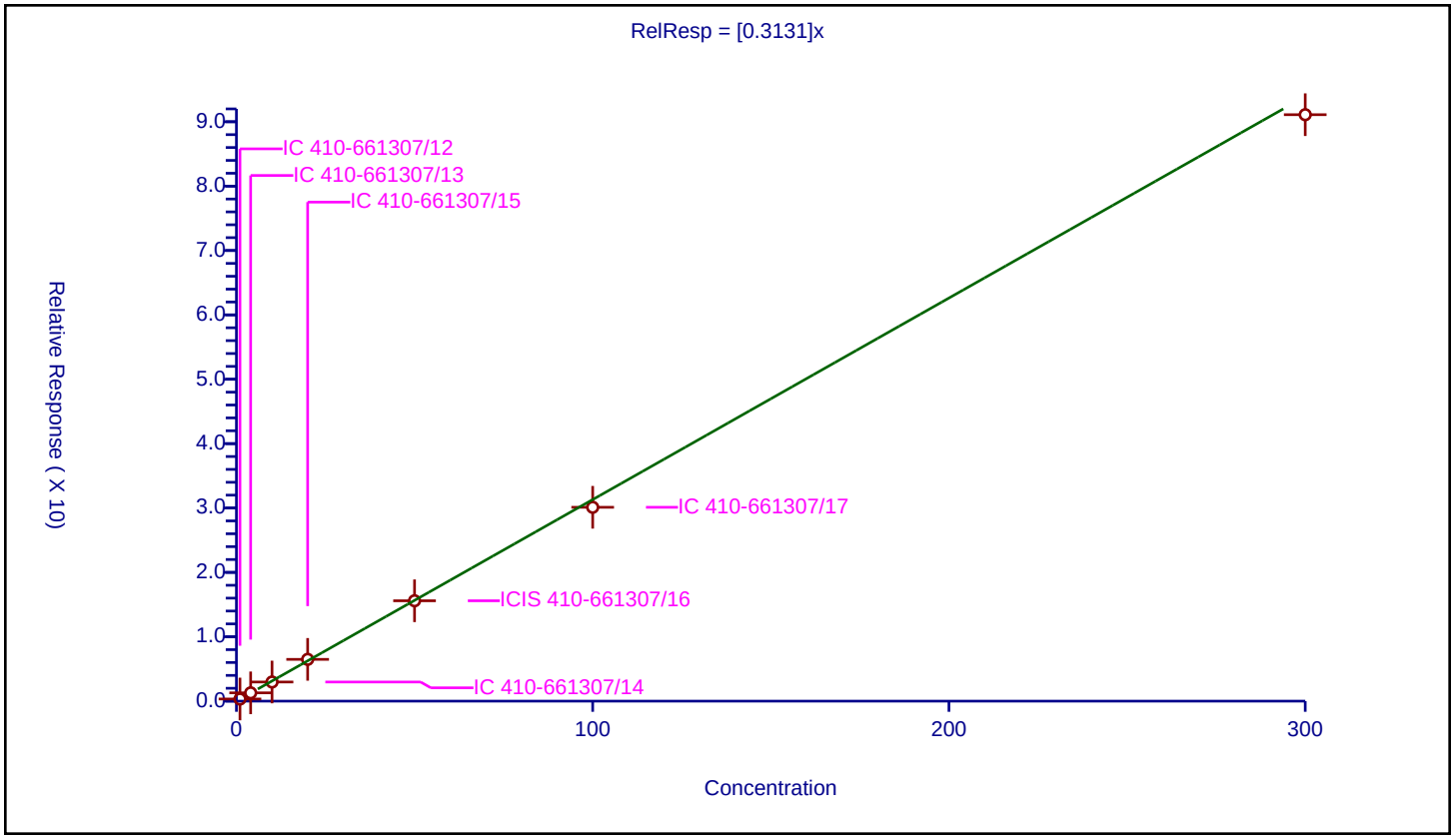
Curve Coefficients

Intercept:	0
Slope:	0.3131

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.331204	50.0	939903.0	0.331204	Y
2	IC 410-661307/13	4.0	1.287476	50.0	926930.0	0.321869	Y
3	IC 410-661307/14	10.0	2.973943	50.0	917990.0	0.297394	Y
4	IC 410-661307/15	20.0	6.490225	50.0	928088.0	0.324511	Y
5	ICIS 410-661307/16	50.0	15.592266	50.0	927463.0	0.311845	Y
6	IC 410-661307/17	100.0	30.113643	50.0	946121.0	0.301136	Y
7	IC 410-661307/18	300.0	91.09677	50.0	976258.0	0.303656	Y



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Calibration / 2-Methyl-2-propanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

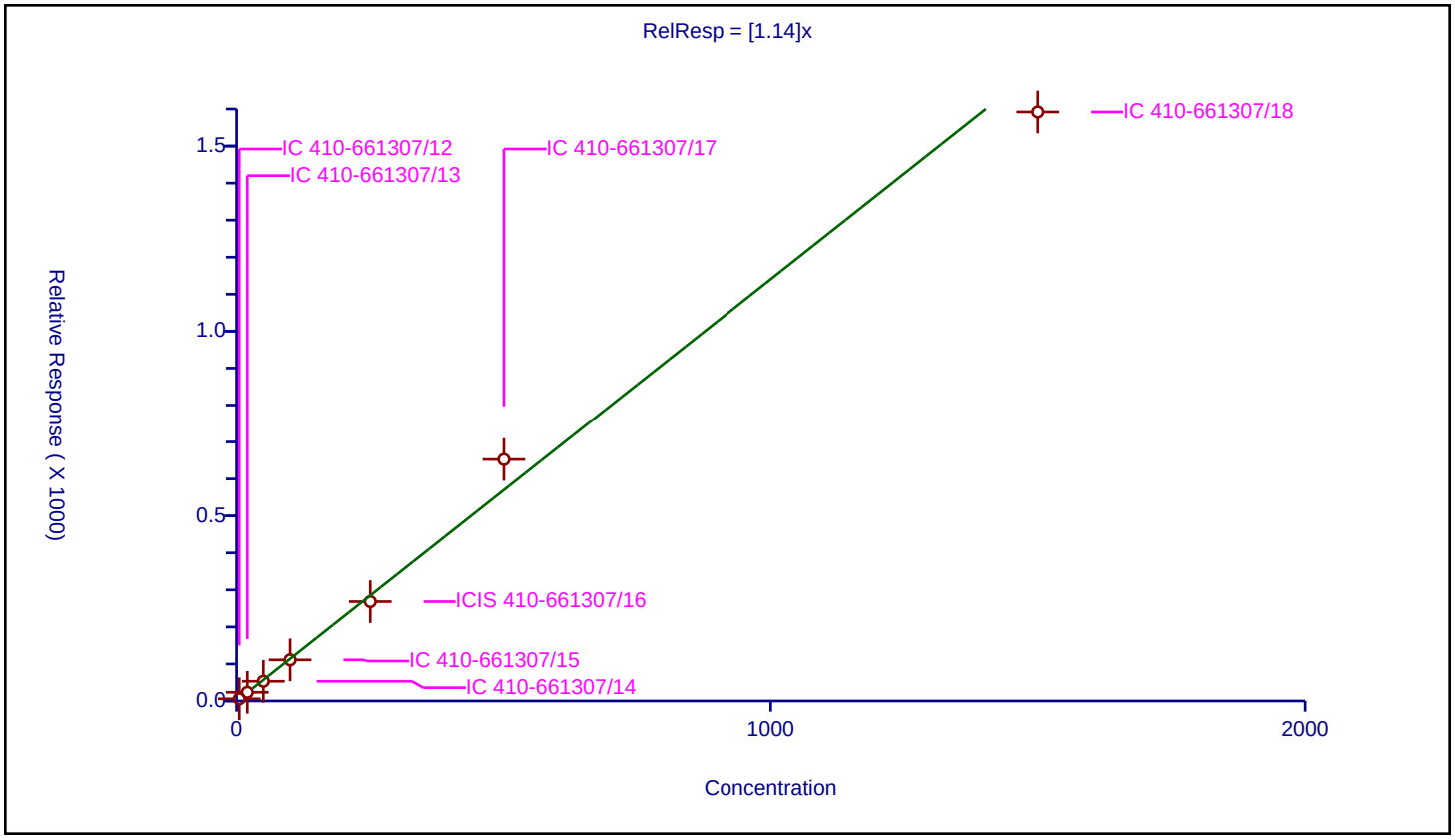
Curve Coefficients

Intercept:	0
Slope:	1.14

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	5.0	5.960397	250.0	372039.0	1.192079	Y
2	IC 410-661307/13	20.0	23.459643	250.0	366587.0	1.172982	Y
3	IC 410-661307/14	50.0	53.310887	250.0	342899.0	1.066218	Y
4	IC 410-661307/15	100.0	111.119795	250.0	329489.0	1.111198	Y
5	ICIS 410-661307/16	250.0	268.514487	250.0	342232.0	1.074058	Y
6	IC 410-661307/17	500.0	652.622512	250.0	355842.0	1.305245	Y
7	IC 410-661307/18	1500.0	1592.03497	250.0	309233.0	1.061357	Y



Calibration / Acrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

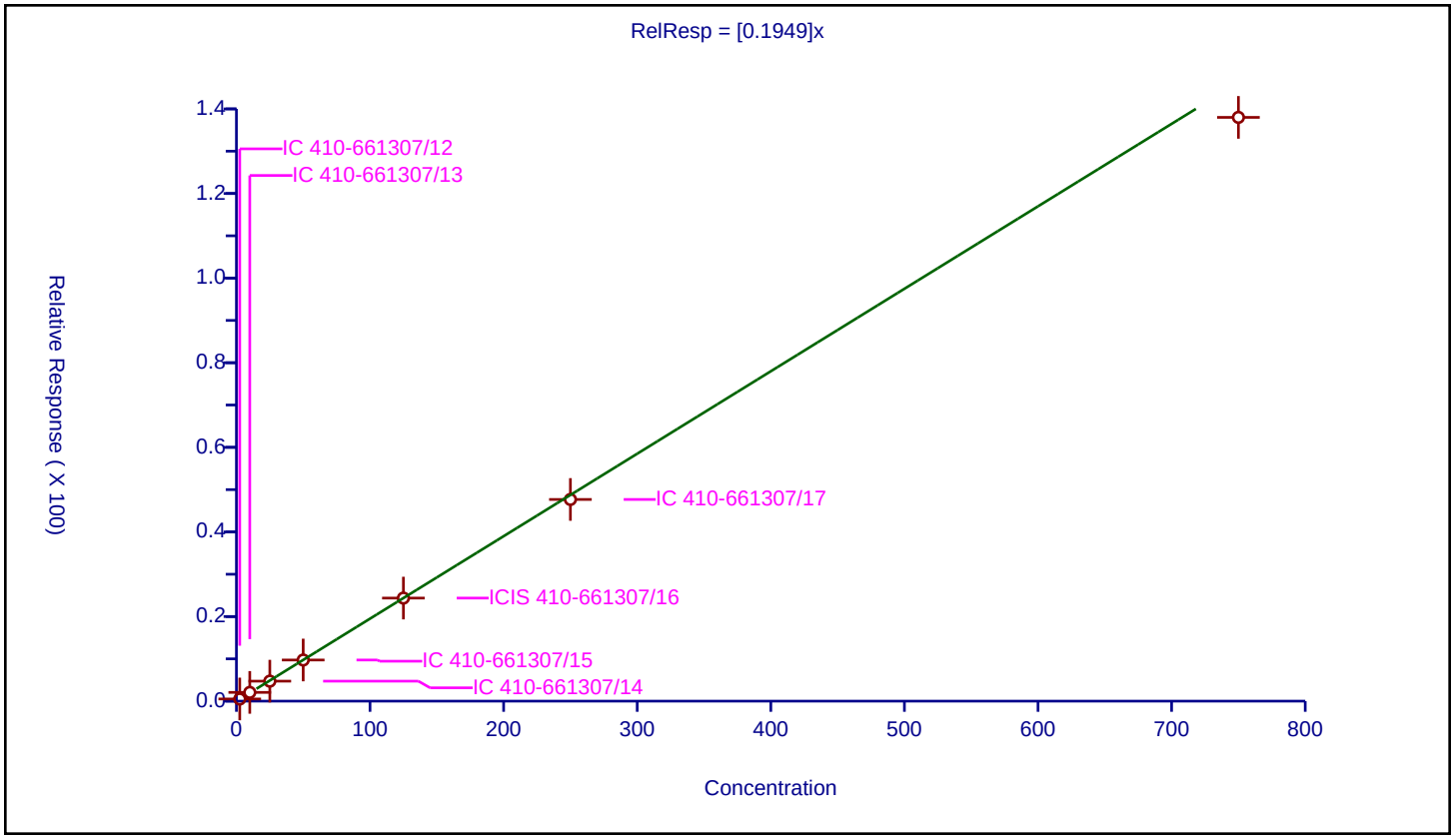
Curve Coefficients

Intercept:	0
Slope:	0.1949

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.5	0.512127	50.0	939903.0	0.204851	Y
2	IC 410-661307/13	10.0	2.066175	50.0	926930.0	0.206618	Y
3	IC 410-661307/14	25.0	4.726903	50.0	917990.0	0.189076	Y
4	IC 410-661307/15	50.0	9.724186	50.0	928088.0	0.194484	Y
5	ICIS 410-661307/16	125.0	24.363991	50.0	927463.0	0.194912	Y
6	IC 410-661307/17	250.0	47.673606	50.0	946121.0	0.190694	Y
7	IC 410-661307/18	750.0	137.993133	50.0	976258.0	0.183991	Y



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Calibration / Methyl tert-butyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

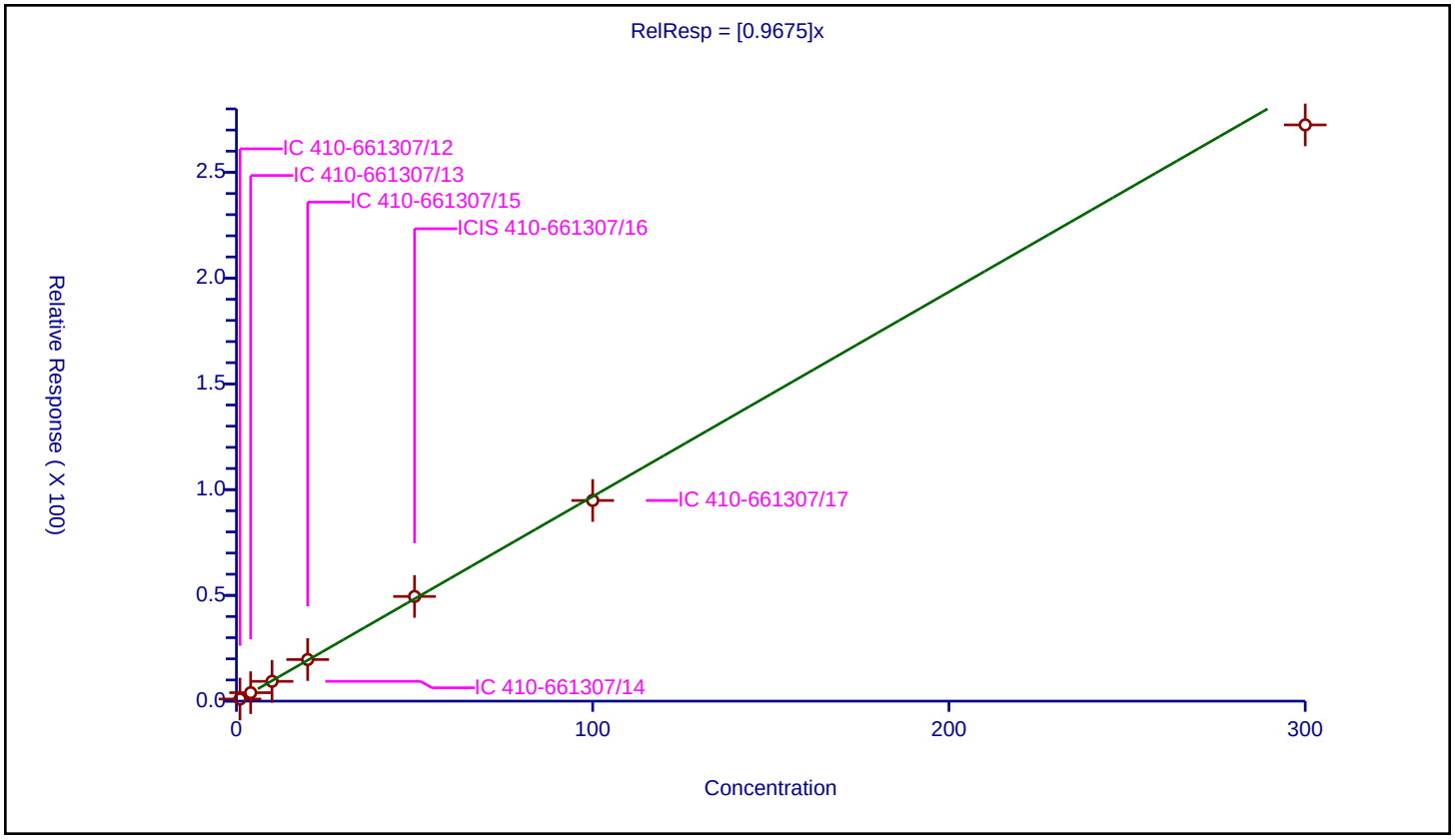
Curve Coefficients

Intercept:	0
Slope:	0.9675

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.005529	50.0	939903.0	1.005529	Y
2	IC 410-661307/13	4.0	4.003053	50.0	926930.0	1.000763	Y
3	IC 410-661307/14	10.0	9.363501	50.0	917990.0	0.93635	Y
4	IC 410-661307/15	20.0	19.658804	50.0	928088.0	0.98294	Y
5	ICIS 410-661307/16	50.0	49.490869	50.0	927463.0	0.989817	Y
6	IC 410-661307/17	100.0	94.871269	50.0	946121.0	0.948713	Y
7	IC 410-661307/18	300.0	272.430444	50.0	976258.0	0.908101	Y



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Calibration / trans-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

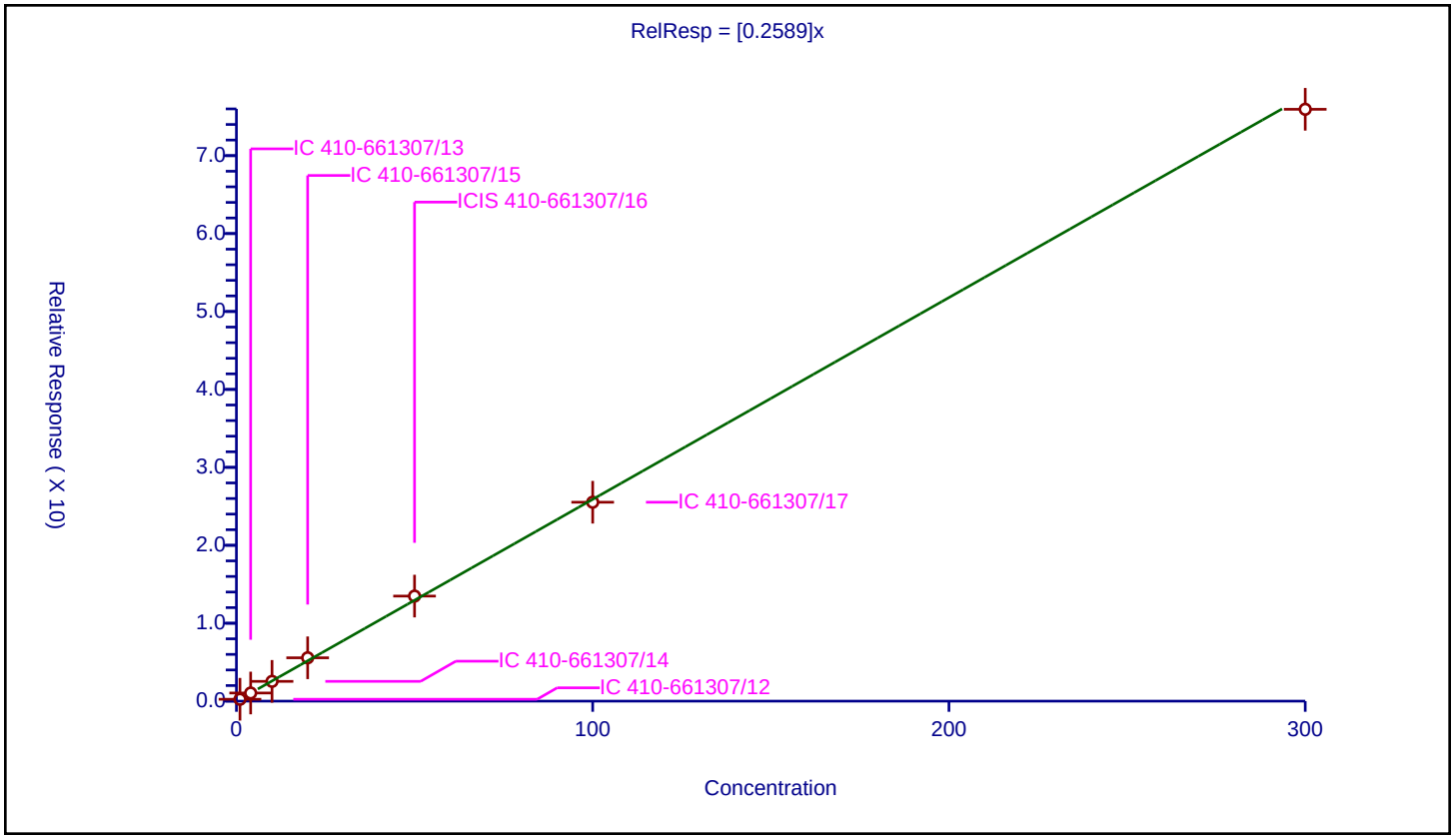
Curve Coefficients

Intercept:	0
Slope:	0.2589

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.24178	50.0	939903.0	0.24178	Y
2	IC 410-661307/13	4.0	1.042689	50.0	926930.0	0.260672	Y
3	IC 410-661307/14	10.0	2.538753	50.0	917990.0	0.253875	Y
4	IC 410-661307/15	20.0	5.56402	50.0	928088.0	0.278201	Y
5	ICIS 410-661307/16	50.0	13.482532	50.0	927463.0	0.269651	Y
6	IC 410-661307/17	100.0	25.525382	50.0	946121.0	0.255254	Y
7	IC 410-661307/18	300.0	75.950261	50.0	976258.0	0.253168	Y



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Calibration / Hexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

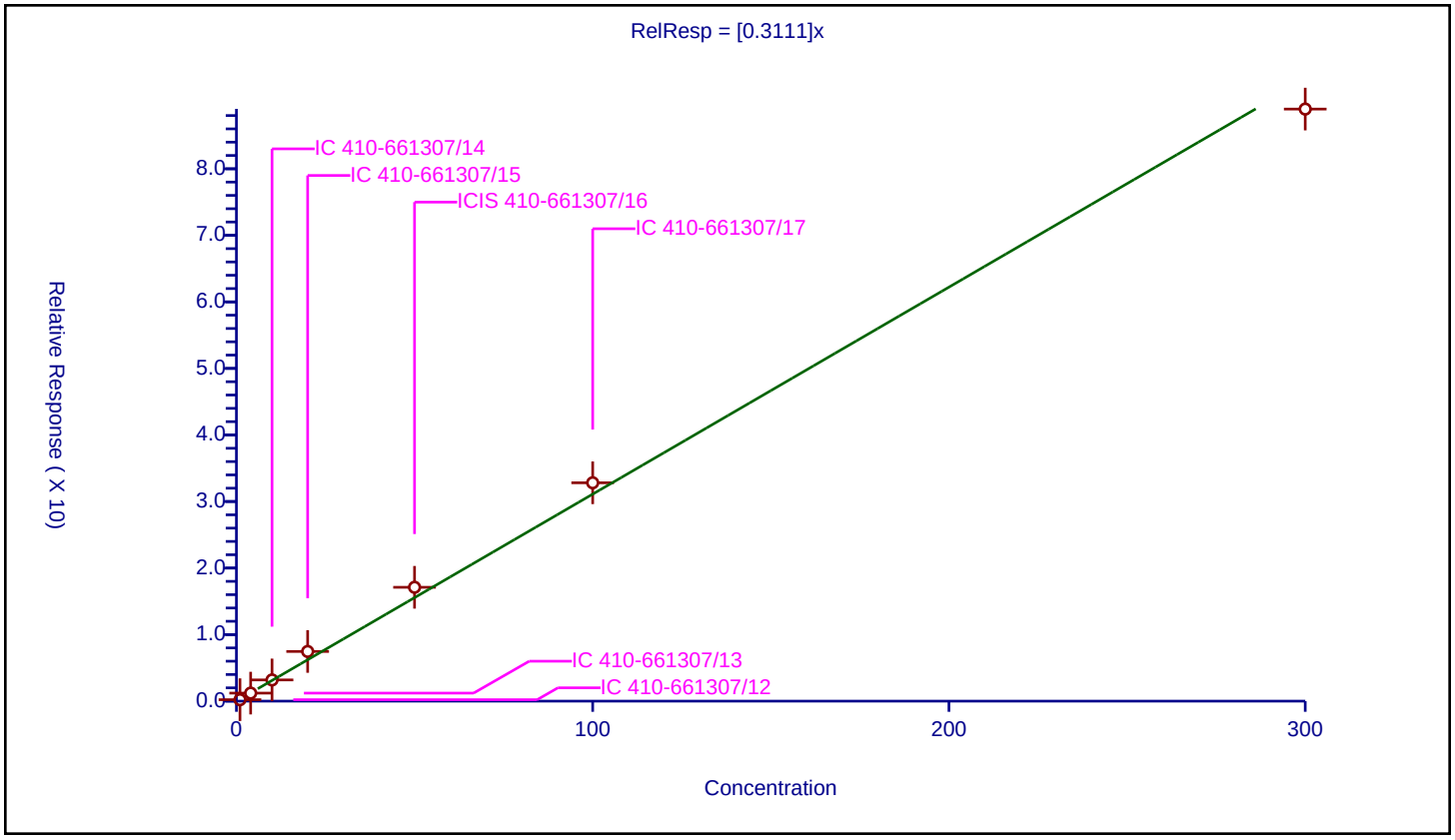
Curve Coefficients

Intercept:	0
Slope:	0.3111

Error Coefficients

Relative Standard Deviation:	15.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.216778	50.0	939903.0	0.216778	Y
2	IC 410-661307/13	4.0	1.207373	50.0	926930.0	0.301843	Y
3	IC 410-661307/14	10.0	3.186963	50.0	917990.0	0.318696	Y
4	IC 410-661307/15	20.0	7.466372	50.0	928088.0	0.373319	Y
5	ICIS 410-661307/16	50.0	17.106936	50.0	927463.0	0.342139	Y
6	IC 410-661307/17	100.0	32.813826	50.0	946121.0	0.328138	Y
7	IC 410-661307/18	300.0	88.973816	50.0	976258.0	0.296579	Y



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Calibration / 1,1-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

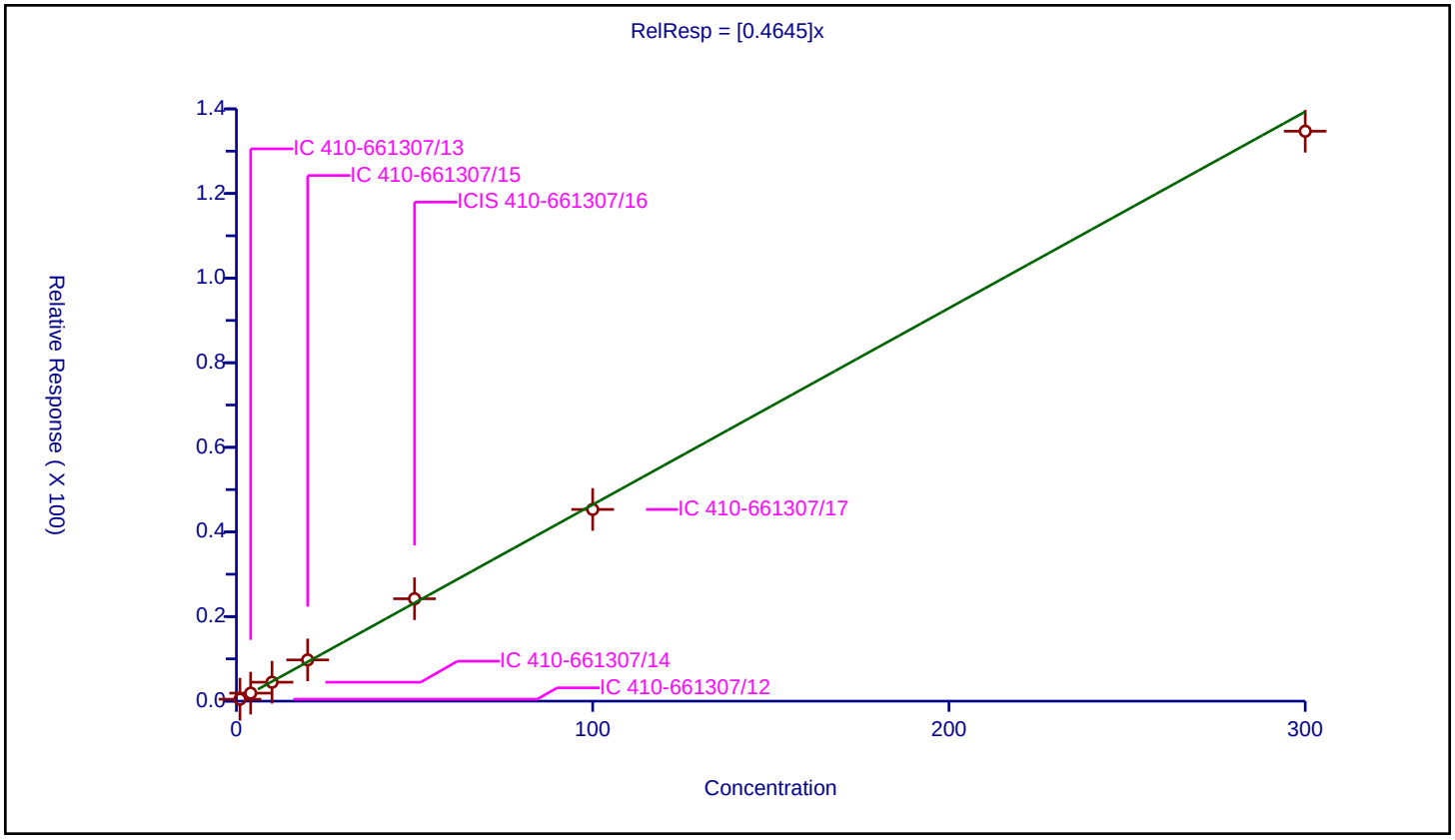
Curve Coefficients

Intercept:	0
Slope:	0.4645

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.457015	50.0	939903.0	0.457015	Y
2	IC 410-661307/13	4.0	1.892753	50.0	926930.0	0.473188	Y
3	IC 410-661307/14	10.0	4.474123	50.0	917990.0	0.447412	Y
4	IC 410-661307/15	20.0	9.747244	50.0	928088.0	0.487362	Y
5	ICIS 410-661307/16	50.0	24.20172	50.0	927463.0	0.484034	Y
6	IC 410-661307/17	100.0	45.313179	50.0	946121.0	0.453132	Y
7	IC 410-661307/18	300.0	134.72033	50.0	976258.0	0.449068	Y



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Calibration / Isopropyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

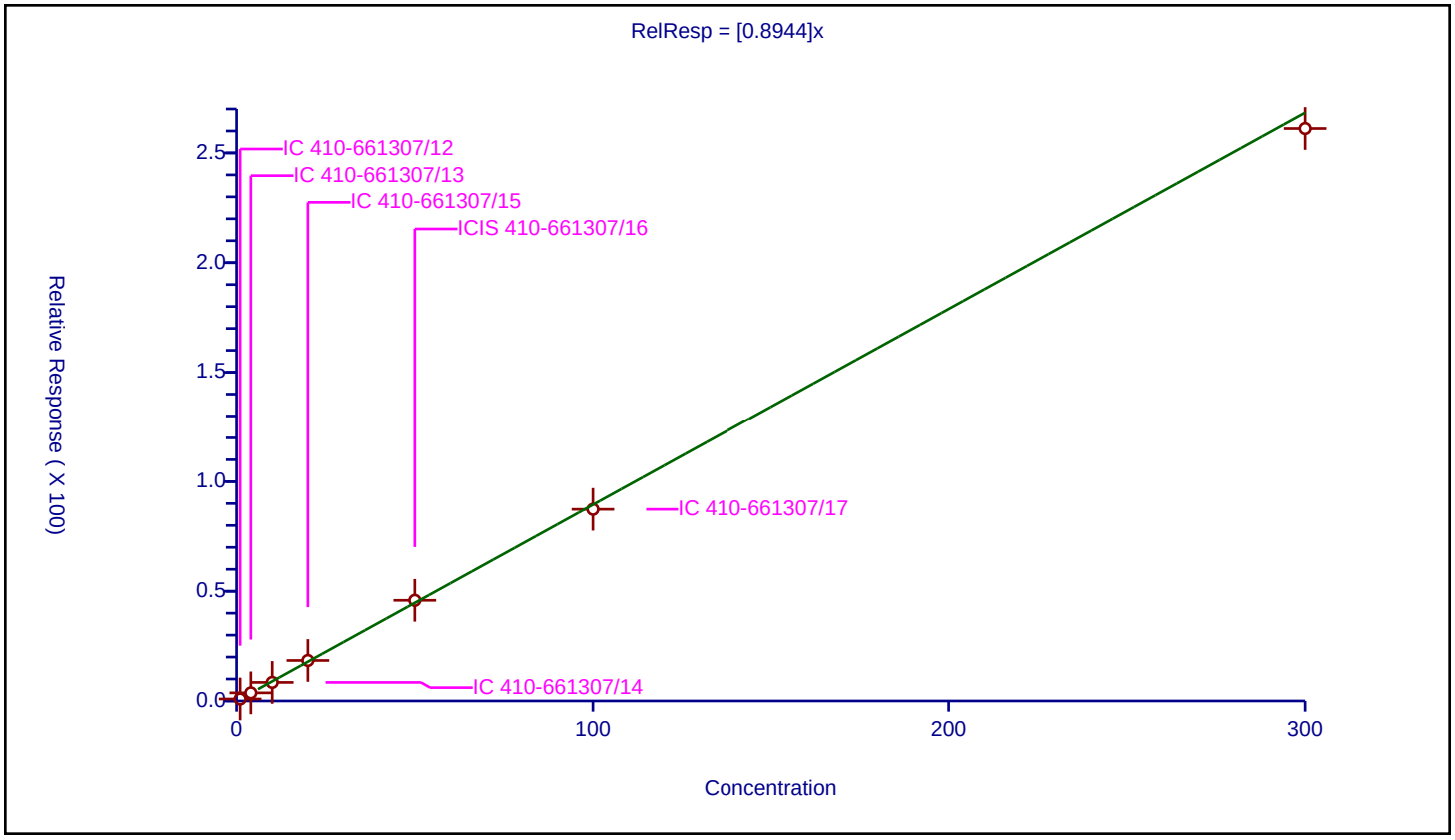
Curve Coefficients

Intercept:	0
Slope:	0.8944

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.906636	50.0	939903.0	0.906636	Y
2	IC 410-661307/13	4.0	3.695479	50.0	926930.0	0.92387	Y
3	IC 410-661307/14	10.0	8.461693	50.0	917990.0	0.846169	Y
4	IC 410-661307/15	20.0	18.449813	50.0	928088.0	0.922491	Y
5	ICIS 410-661307/16	50.0	45.866735	50.0	927463.0	0.917335	Y
6	IC 410-661307/17	100.0	87.361817	50.0	946121.0	0.873618	Y
7	IC 410-661307/18	300.0	261.126311	50.0	976258.0	0.870421	Y



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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

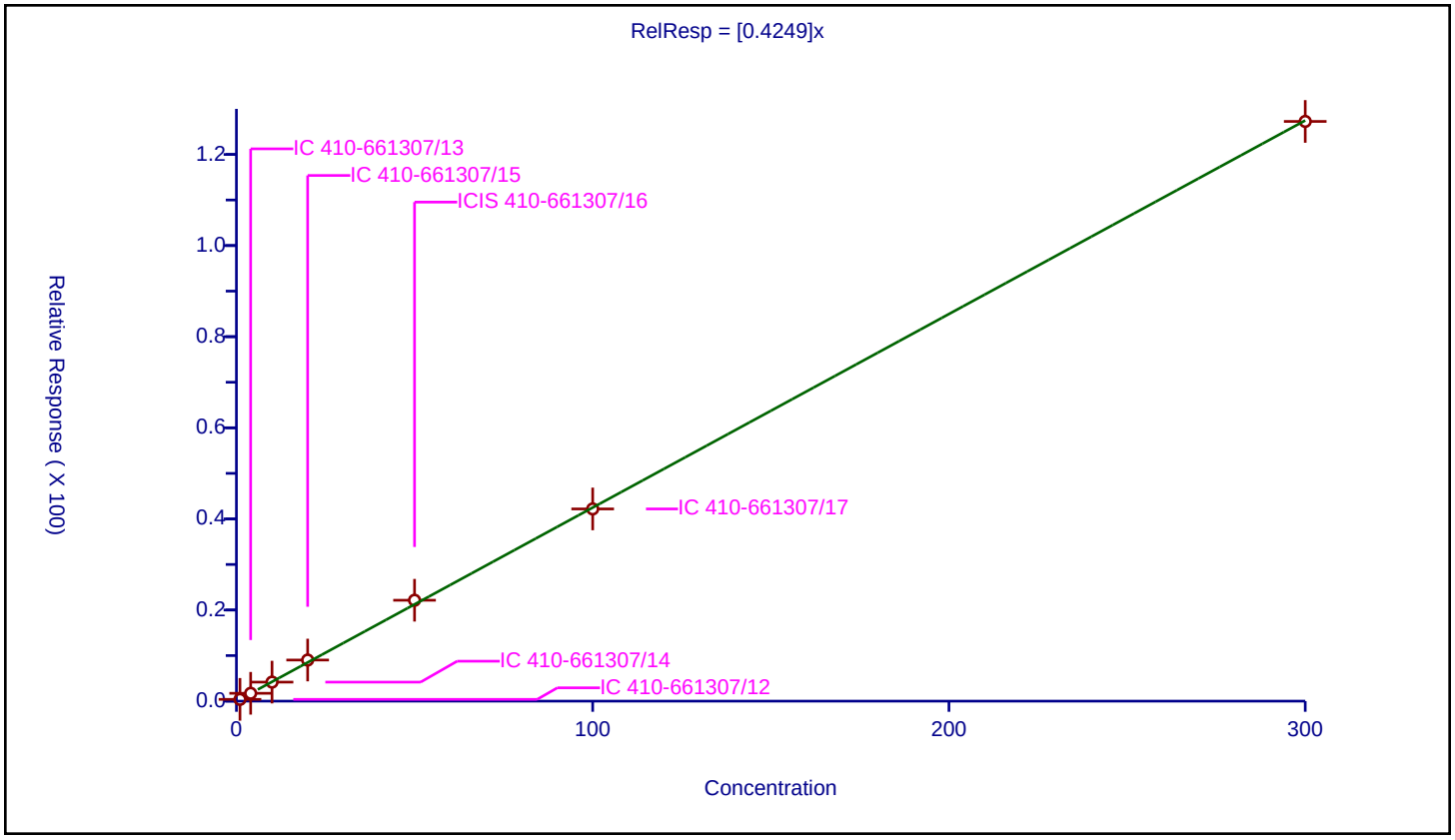
Curve Coefficients

Intercept:	0
Slope:	0.4249

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.385891	50.0	939903.0	0.385891	Y
2	IC 410-661307/13	4.0	1.720518	50.0	926930.0	0.43013	Y
3	IC 410-661307/14	10.0	4.179076	50.0	917990.0	0.417908	Y
4	IC 410-661307/15	20.0	9.02242	50.0	928088.0	0.451121	Y
5	ICIS 410-661307/16	50.0	22.145843	50.0	927463.0	0.442917	Y
6	IC 410-661307/17	100.0	42.18842	50.0	946121.0	0.421884	Y
7	IC 410-661307/18	300.0	127.243874	50.0	976258.0	0.424146	Y



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Calibration / Tert-butyl ethyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

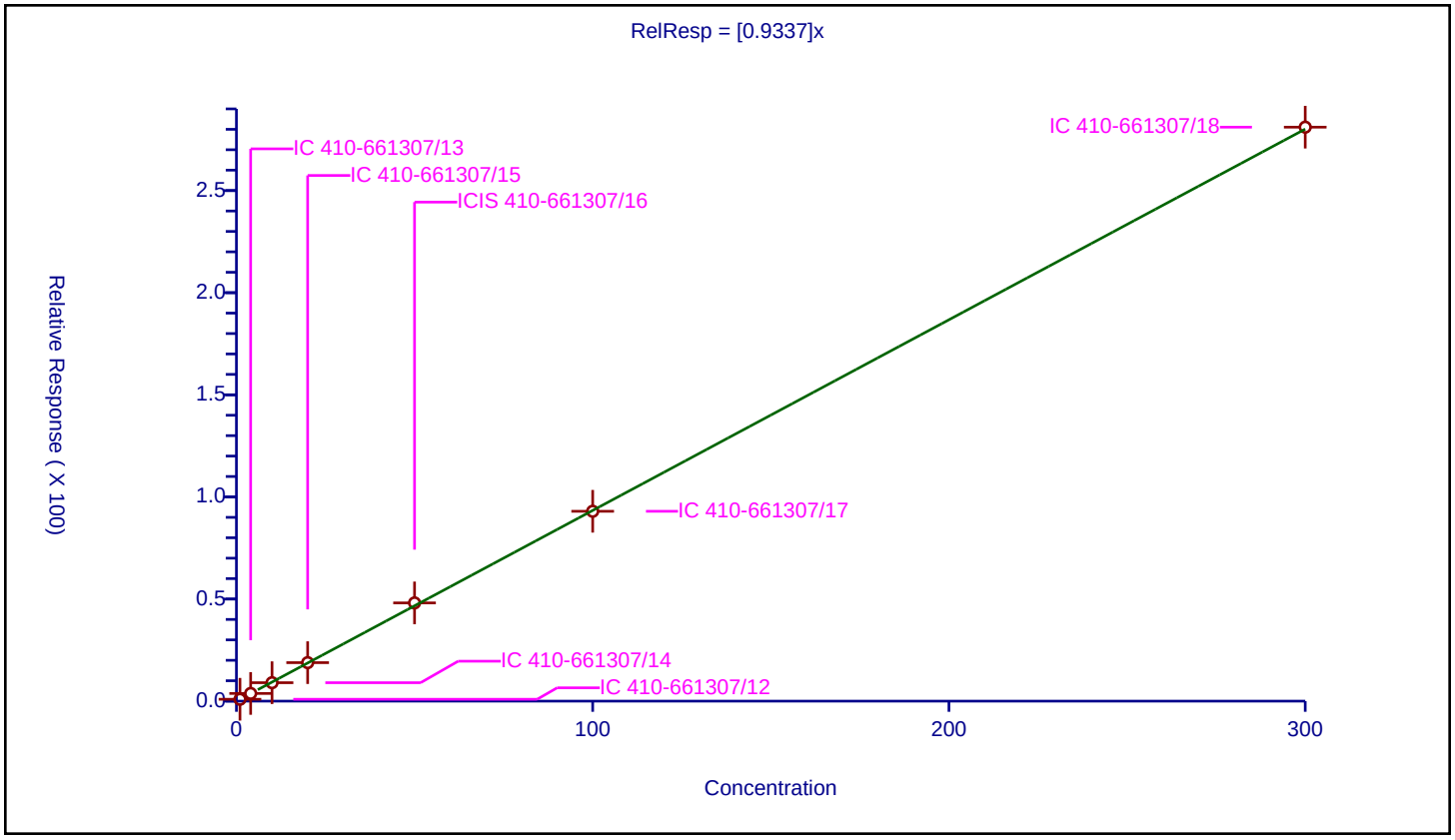
Curve Coefficients

Intercept:	0
Slope:	0.9337

Error Coefficients

Relative Standard Deviation:	2.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.920361	50.0	939903.0	0.920361	Y
2	IC 410-661307/13	4.0	3.7683	50.0	926930.0	0.942075	Y
3	IC 410-661307/14	10.0	9.025697	50.0	917990.0	0.90257	Y
4	IC 410-661307/15	20.0	18.848859	50.0	928088.0	0.942443	Y
5	ICIS 410-661307/16	50.0	48.108496	50.0	927463.0	0.96217	Y
6	IC 410-661307/17	100.0	92.960784	50.0	946121.0	0.929608	Y
7	IC 410-661307/18	300.0	281.048708	50.0	976258.0	0.936829	Y



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Calibration / 2-Butanone (MEK)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

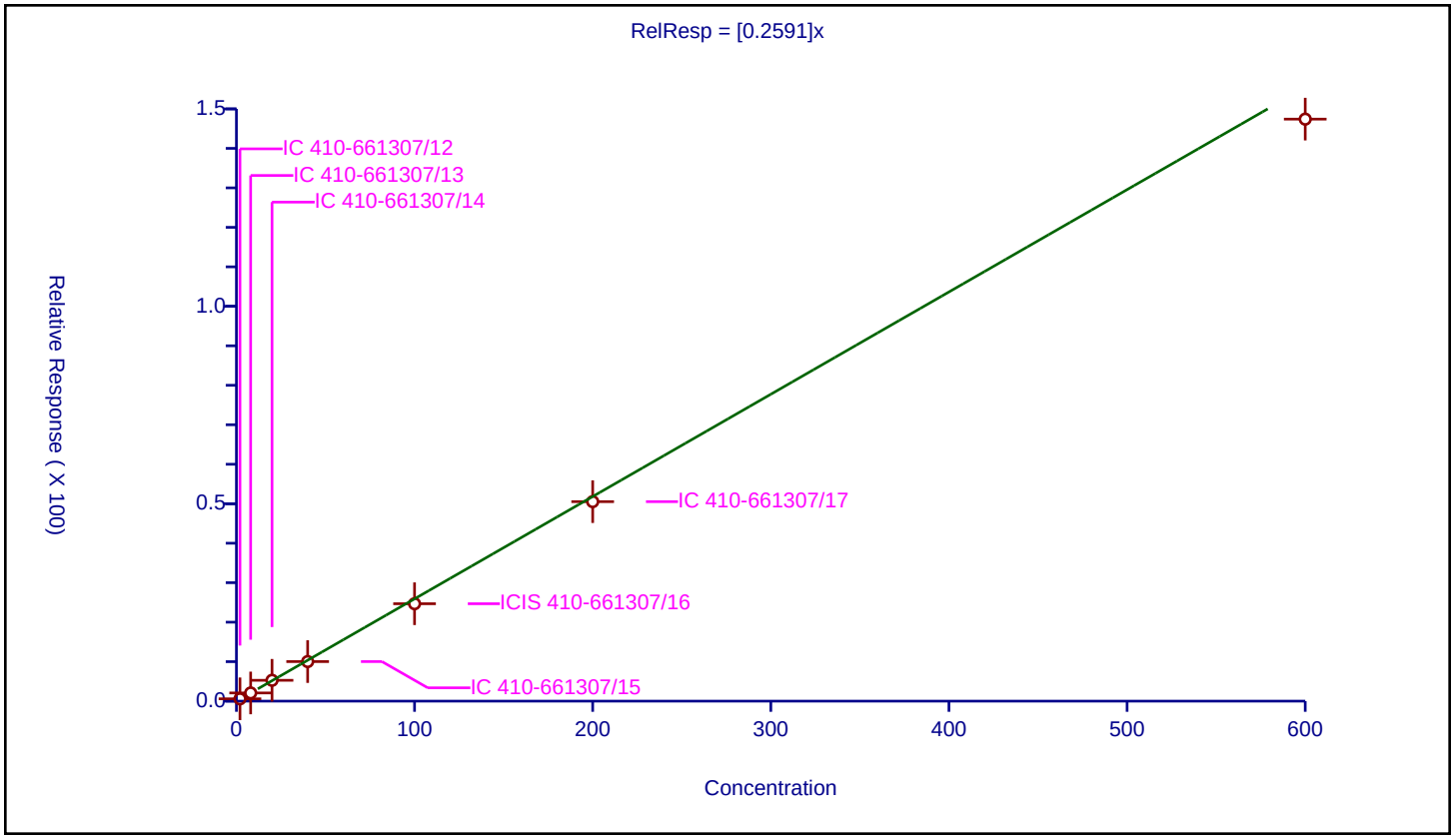
Curve Coefficients

Intercept:	0
Slope:	0.2591

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.0	0.589582	50.0	939903.0	0.294791	Y
2	IC 410-661307/13	8.0	2.075292	50.0	926930.0	0.259411	Y
3	IC 410-661307/14	20.0	5.277781	50.0	917990.0	0.263889	Y
4	IC 410-661307/15	40.0	10.020386	50.0	928088.0	0.25051	Y
5	ICIS 410-661307/16	100.0	24.674569	50.0	927463.0	0.246746	Y
6	IC 410-661307/17	200.0	50.52525	50.0	946121.0	0.252626	Y
7	IC 410-661307/18	600.0	147.40627	50.0	976258.0	0.245677	Y



Calibration / cis-1,2-Dichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

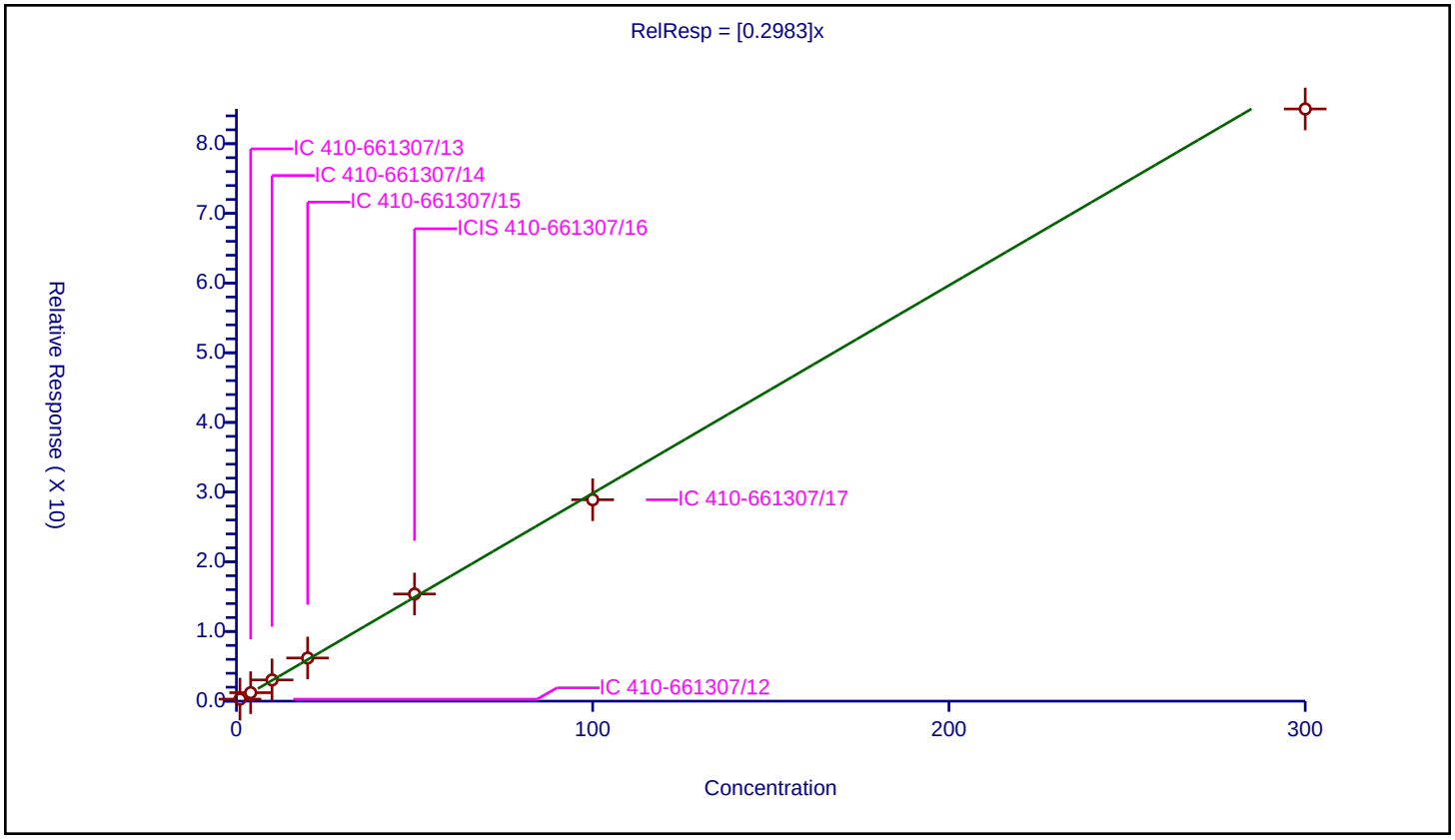
Curve Coefficients

Intercept:	0
Slope:	0.2983

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.290243	50.0	939903.0	0.290243	Y
2	IC 410-661307/13	4.0	1.217837	50.0	926930.0	0.304459	Y
3	IC 410-661307/14	10.0	3.042789	50.0	917990.0	0.304279	Y
4	IC 410-661307/15	20.0	6.189284	50.0	928088.0	0.309464	Y
5	ICIS 410-661307/16	50.0	15.376516	50.0	927463.0	0.30753	Y
6	IC 410-661307/17	100.0	28.902276	50.0	946121.0	0.289023	Y
7	IC 410-661307/18	300.0	84.987216	50.0	976258.0	0.283291	Y



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Calibration / 2,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

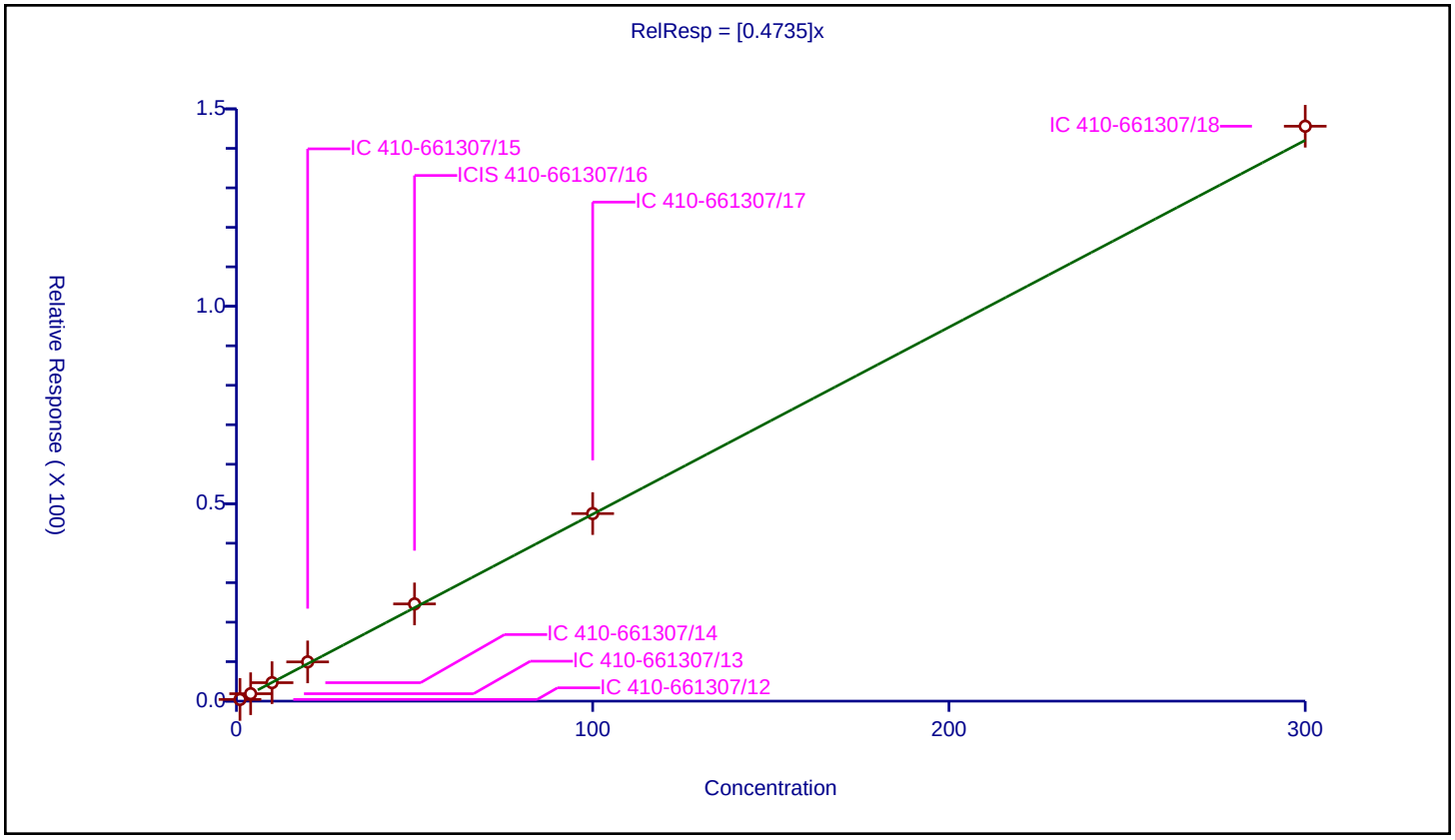
Curve Coefficients

Intercept:	0
Slope:	0.4735

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.425789	50.0	939903.0	0.425789	Y
2	IC 410-661307/13	4.0	1.882181	50.0	926930.0	0.470545	Y
3	IC 410-661307/14	10.0	4.680661	50.0	917990.0	0.468066	Y
4	IC 410-661307/15	20.0	9.943023	50.0	928088.0	0.497151	Y
5	ICIS 410-661307/16	50.0	24.627344	50.0	927463.0	0.492547	Y
6	IC 410-661307/17	100.0	47.50534	50.0	946121.0	0.475053	Y
7	IC 410-661307/18	300.0	145.605926	50.0	976258.0	0.485353	Y



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Calibration / Propionitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

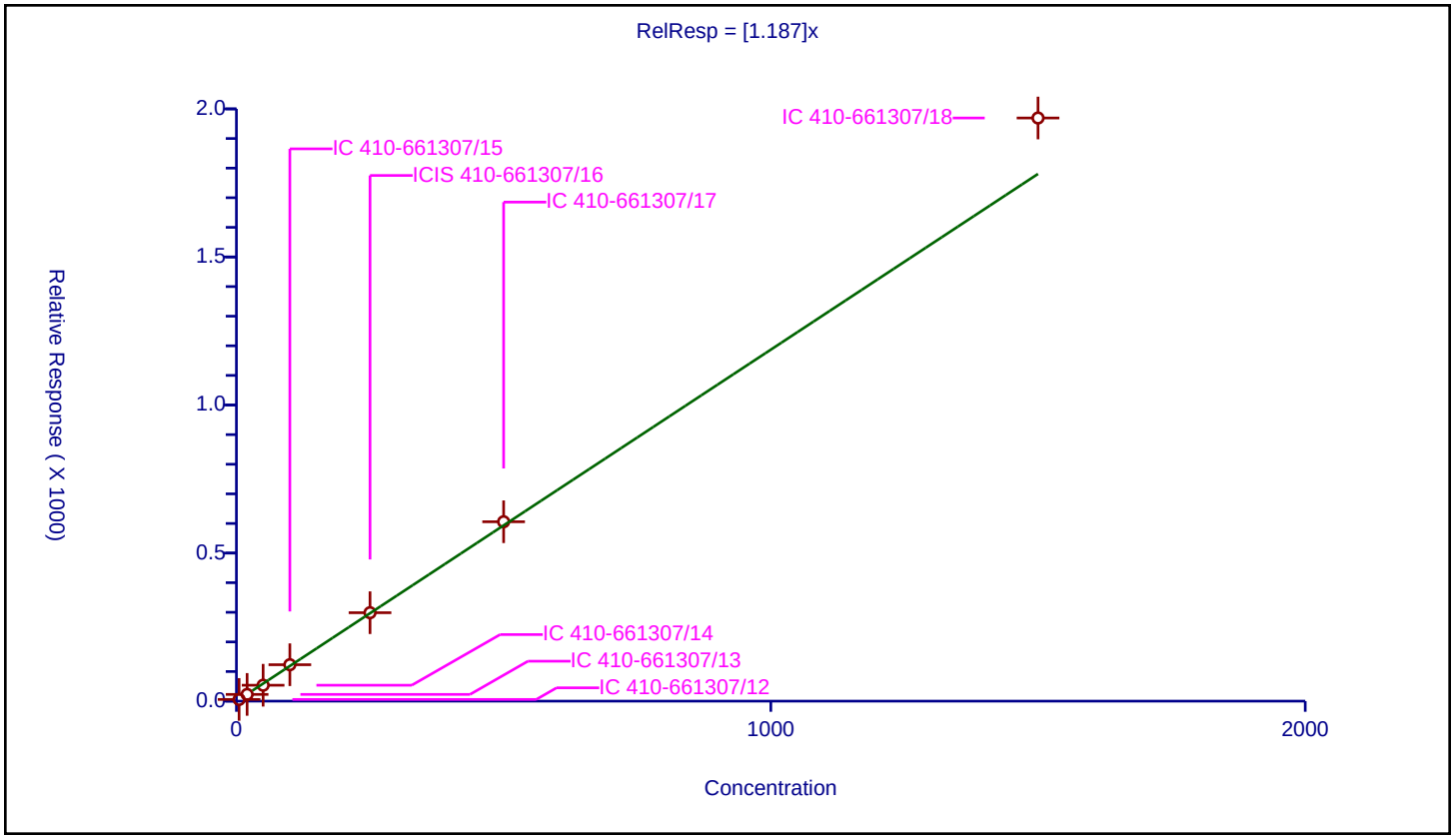
Curve Coefficients

Intercept:	0
Slope:	1.187

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	5.0	5.741334	250.0	372039.0	1.148267	Y
2	IC 410-661307/13	20.0	22.748352	250.0	366587.0	1.137418	Y
3	IC 410-661307/14	50.0	53.706048	250.0	342899.0	1.074121	Y
4	IC 410-661307/15	100.0	122.996519	250.0	329489.0	1.229965	Y
5	ICIS 410-661307/16	250.0	298.634406	250.0	342232.0	1.194538	Y
6	IC 410-661307/17	500.0	605.805386	250.0	355842.0	1.211611	Y
7	IC 410-661307/18	1500.0	1969.229513	250.0	309233.0	1.31282	Y



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Calibration / Methyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

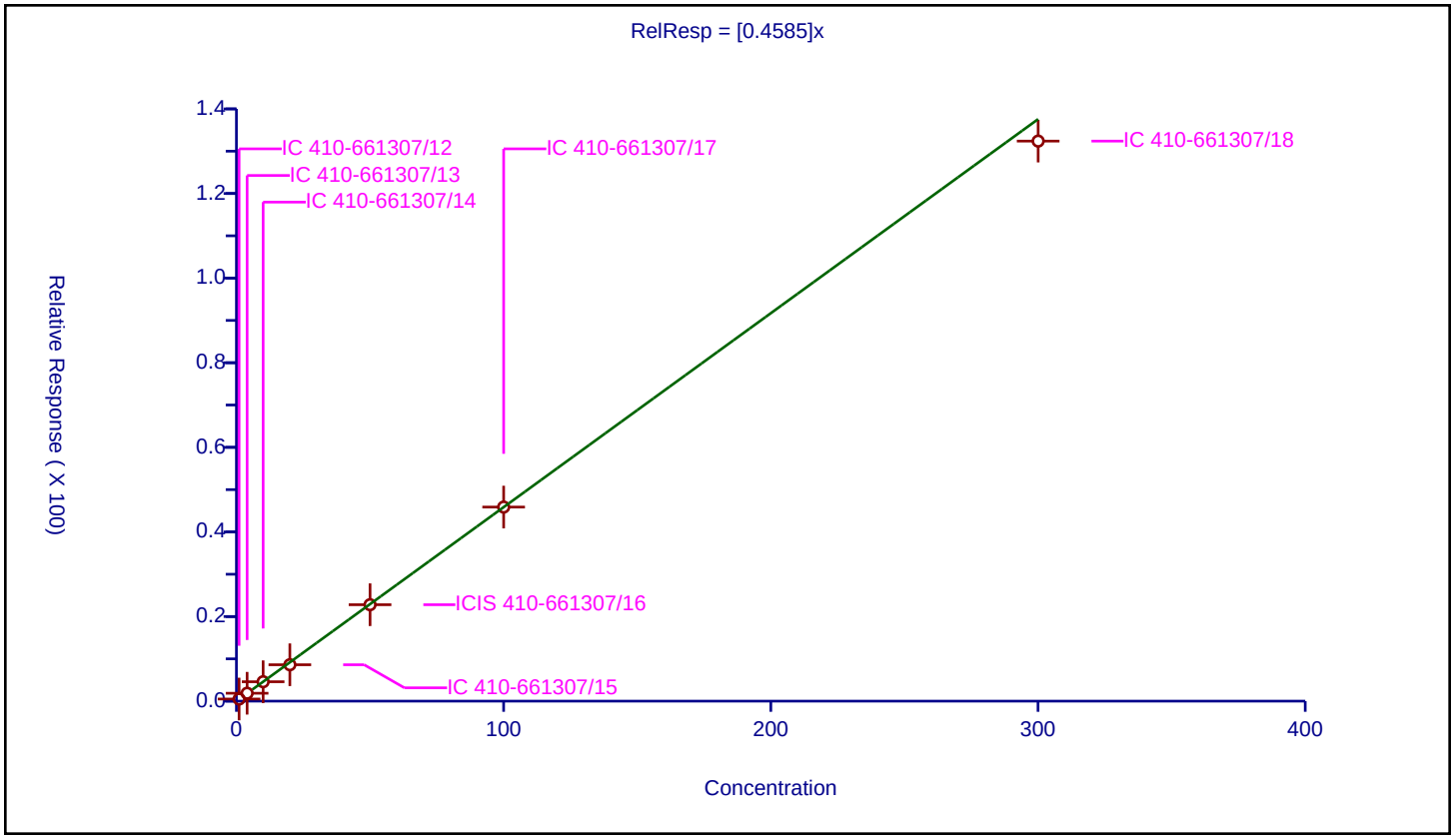
Curve Coefficients

Intercept:	0
Slope:	0.4585

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.000186	0.497871	50.0	939903.0	0.497778	Y
2	IC 410-661307/13	4.000742	1.869127	50.0	926930.0	0.467195	Y
3	IC 410-661307/14	10.001856	4.588721	50.0	917990.0	0.458787	Y
4	IC 410-661307/15	20.003712	8.605218	50.0	928088.0	0.430181	Y
5	ICIS 410-661307/16	50.00928	22.795357	50.0	927463.0	0.455823	Y
6	IC 410-661307/17	100.01856	45.876637	50.0	946121.0	0.458681	Y
7	IC 410-661307/18	300.05568	132.390311	50.0	976258.0	0.441219	Y



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Calibration / Methacrylonitrile

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

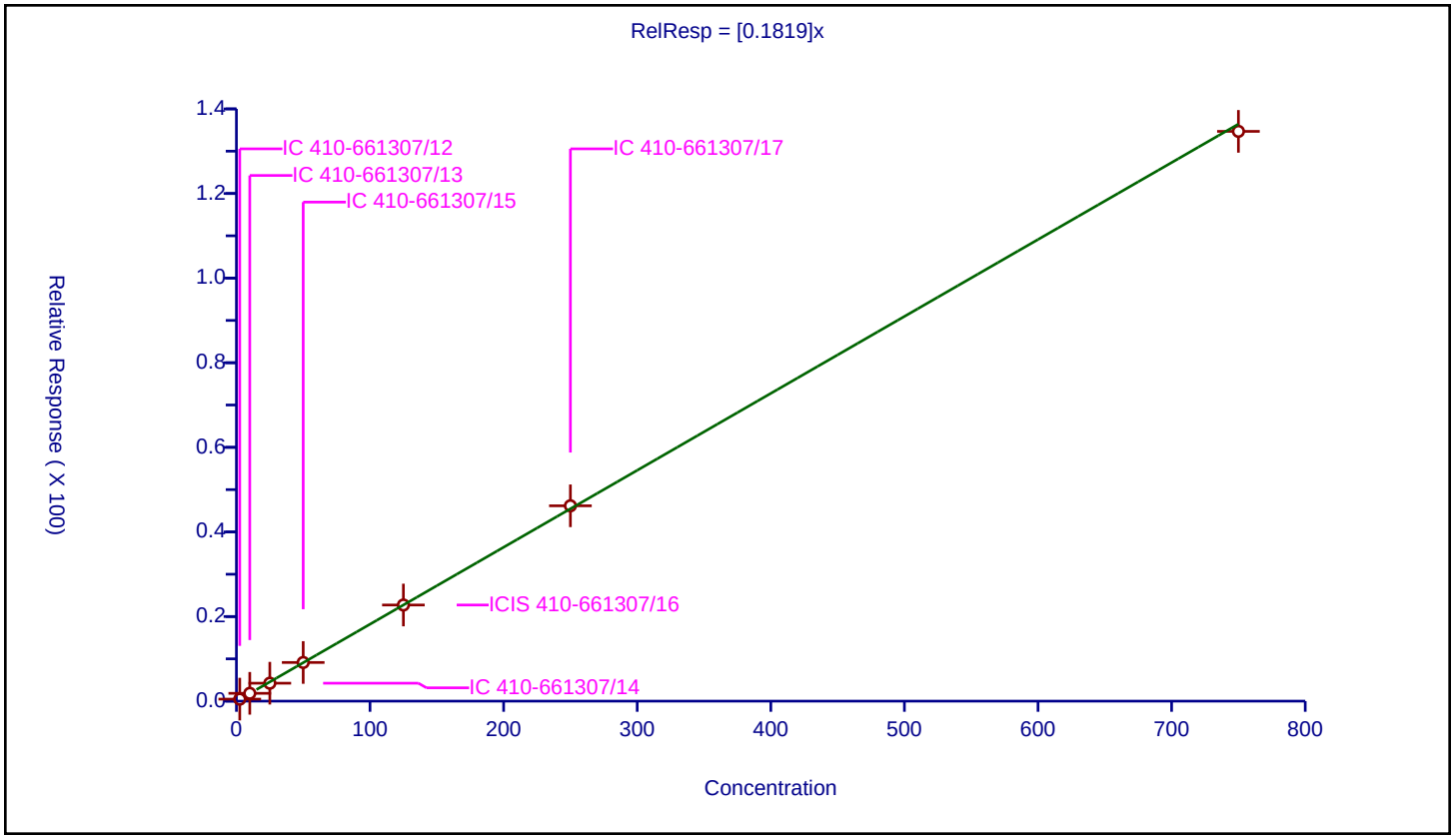
Curve Coefficients

Intercept:	0
Slope:	0.1819

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.5	0.475315	50.0	939903.0	0.190126	Y
2	IC 410-661307/13	10.0	1.845069	50.0	926930.0	0.184507	Y
3	IC 410-661307/14	25.0	4.239807	50.0	917990.0	0.169592	Y
4	IC 410-661307/15	50.0	9.139651	50.0	928088.0	0.182793	Y
5	ICIS 410-661307/16	125.0	22.727052	50.0	927463.0	0.181816	Y
6	IC 410-661307/17	250.0	46.178713	50.0	946121.0	0.184715	Y
7	IC 410-661307/18	750.0	134.683045	50.0	976258.0	0.179577	Y



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Calibration / Chlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

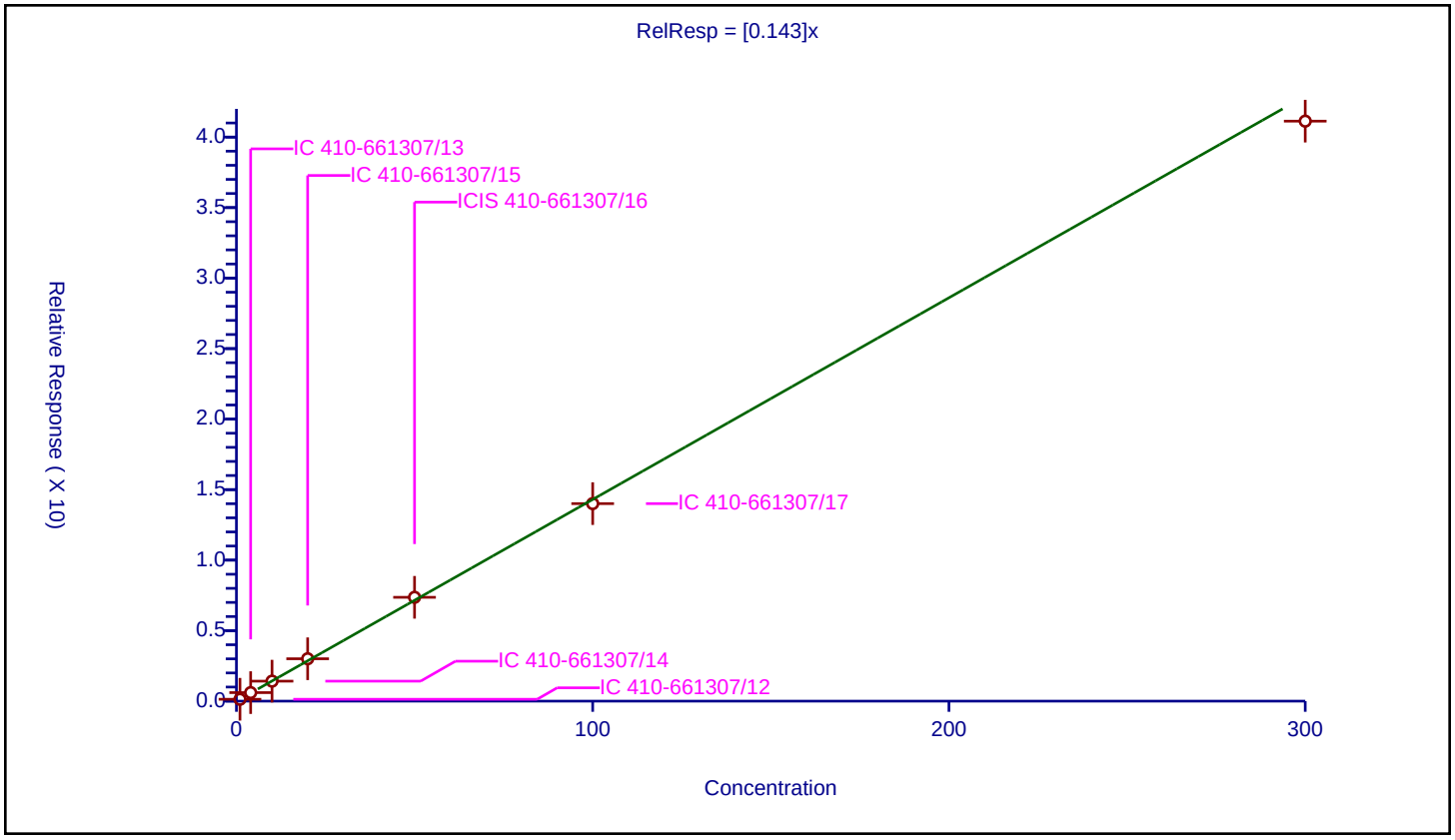
Curve Coefficients

Intercept:	0
Slope:	0.143

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.133365	50.0	939903.0	0.133365	Y
2	IC 410-661307/13	4.0	0.604954	50.0	926930.0	0.151238	Y
3	IC 410-661307/14	10.0	1.417663	50.0	917990.0	0.141766	Y
4	IC 410-661307/15	20.0	3.006773	50.0	928088.0	0.150339	Y
5	ICIS 410-661307/16	50.0	7.364067	50.0	927463.0	0.147281	Y
6	IC 410-661307/17	100.0	14.008779	50.0	946121.0	0.140088	Y
7	IC 410-661307/18	300.0	41.131648	50.0	976258.0	0.137105	Y



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Calibration / Tetrahydrofuran

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

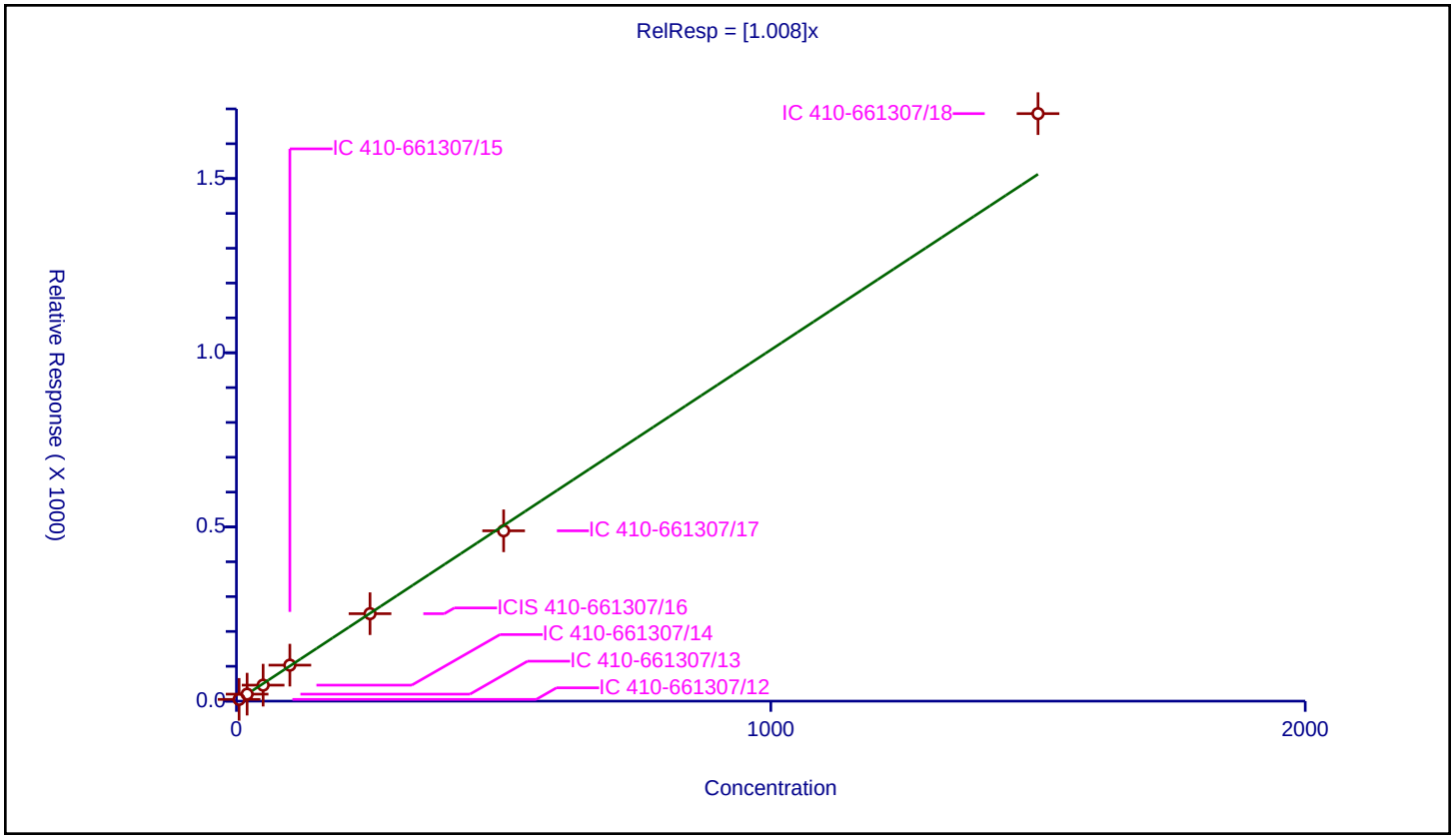
Curve Coefficients

Intercept:	0
Slope:	1.008

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	5.0	4.983349	250.0	372039.0	0.99667	Y
2	IC 410-661307/13	20.0	20.105732	250.0	366587.0	1.005287	Y
3	IC 410-661307/14	50.0	45.87065	250.0	342899.0	0.917413	Y
4	IC 410-661307/15	100.0	103.290246	250.0	329489.0	1.032902	Y
5	ICIS 410-661307/16	250.0	251.035117	250.0	342232.0	1.00414	Y
6	IC 410-661307/17	500.0	488.95226	250.0	355842.0	0.977905	Y
7	IC 410-661307/18	1500.0	1686.411217	250.0	309233.0	1.124274	Y



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Calibration / Chloroform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

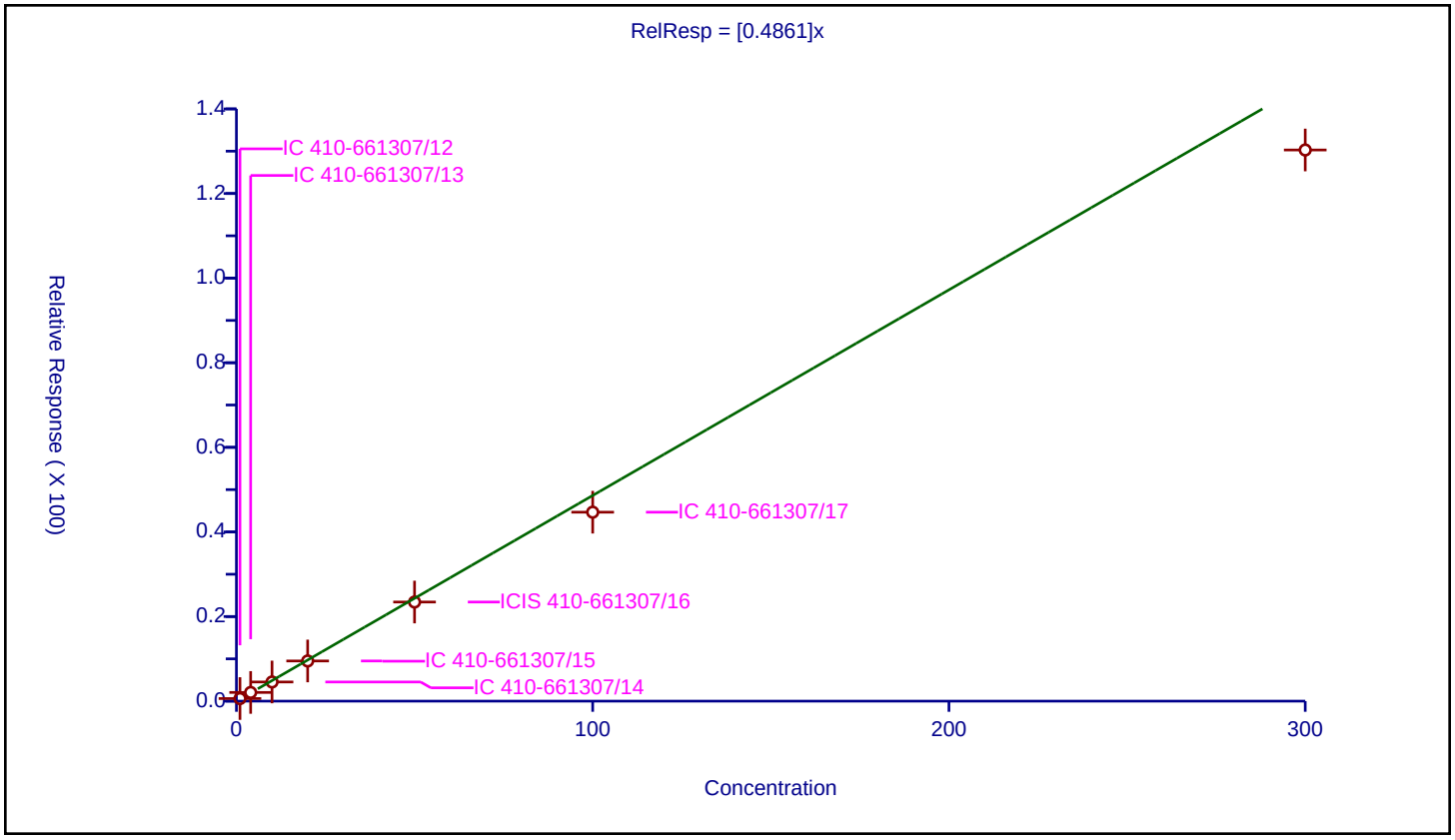
Curve Coefficients

Intercept:	0
Slope:	0.4861

Error Coefficients

Relative Standard Deviation:	12.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.611074	50.0	939903.0	0.611074	Y
2	IC 410-661307/13	4.0	2.057221	50.0	926930.0	0.514305	Y
3	IC 410-661307/14	10.0	4.532184	50.0	917990.0	0.453218	Y
4	IC 410-661307/15	20.0	9.495059	50.0	928088.0	0.474753	Y
5	ICIS 410-661307/16	50.0	23.432525	50.0	927463.0	0.468651	Y
6	IC 410-661307/17	100.0	44.665006	50.0	946121.0	0.44665	Y
7	IC 410-661307/18	300.0	130.282313	50.0	976258.0	0.434274	Y



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Calibration / Dibromofluoromethane (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

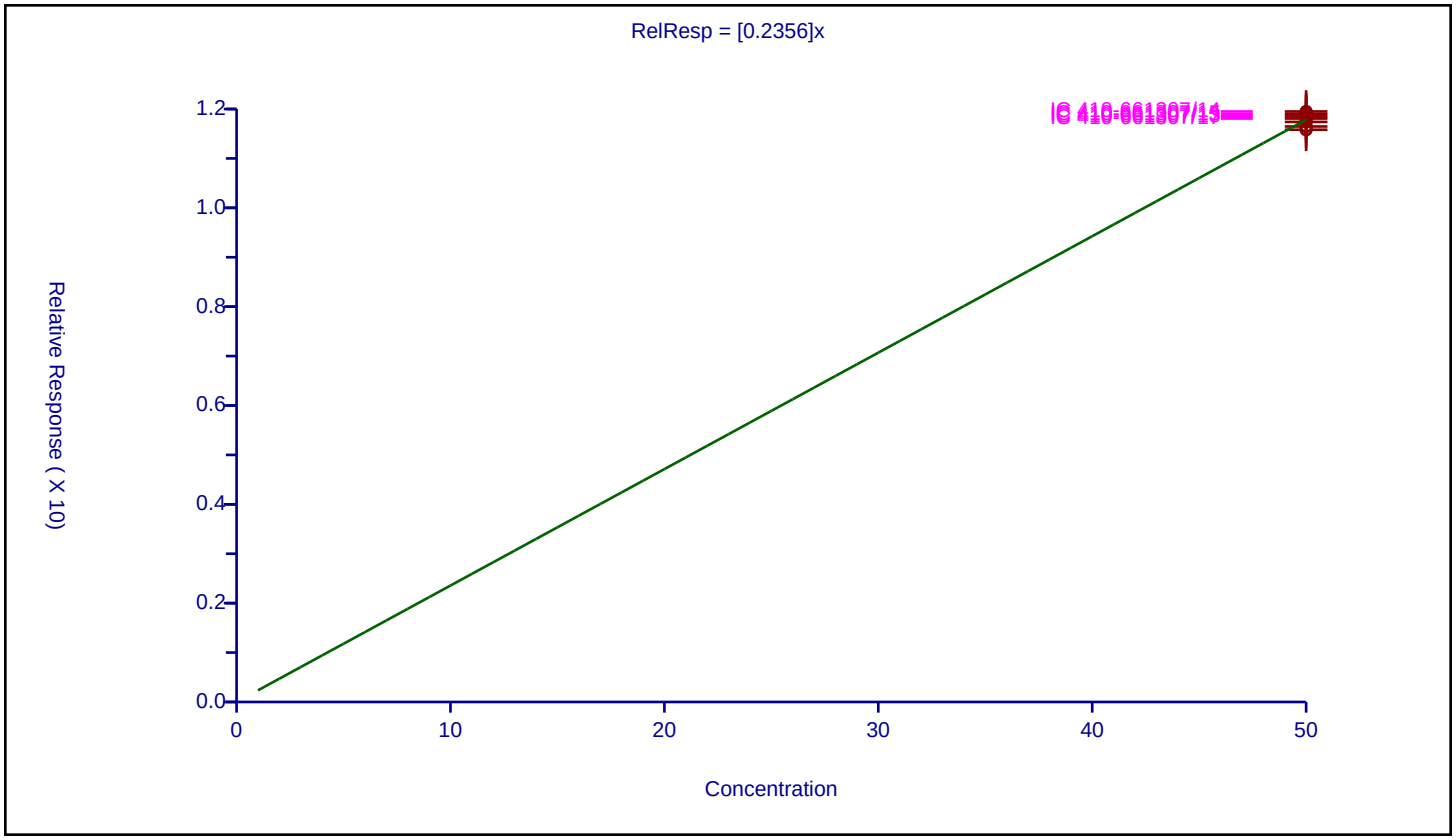
Curve Coefficients

Intercept:	0
Slope:	0.2356

Error Coefficients

Relative Standard Deviation:	1.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	50.0	11.646787	50.0	939903.0	0.232936	Y
2	IC 410-661307/13	50.0	11.850571	50.0	926930.0	0.237011	Y
3	IC 410-661307/14	50.0	11.949694	50.0	917990.0	0.238994	Y
4	IC 410-661307/15	50.0	11.898818	50.0	928088.0	0.237976	Y
5	ICIS 410-661307/16	50.0	11.738959	50.0	927463.0	0.234779	Y
6	IC 410-661307/17	50.0	11.807158	50.0	946121.0	0.236143	Y
7	IC 410-661307/18	50.0	11.580904	50.0	976258.0	0.231618	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

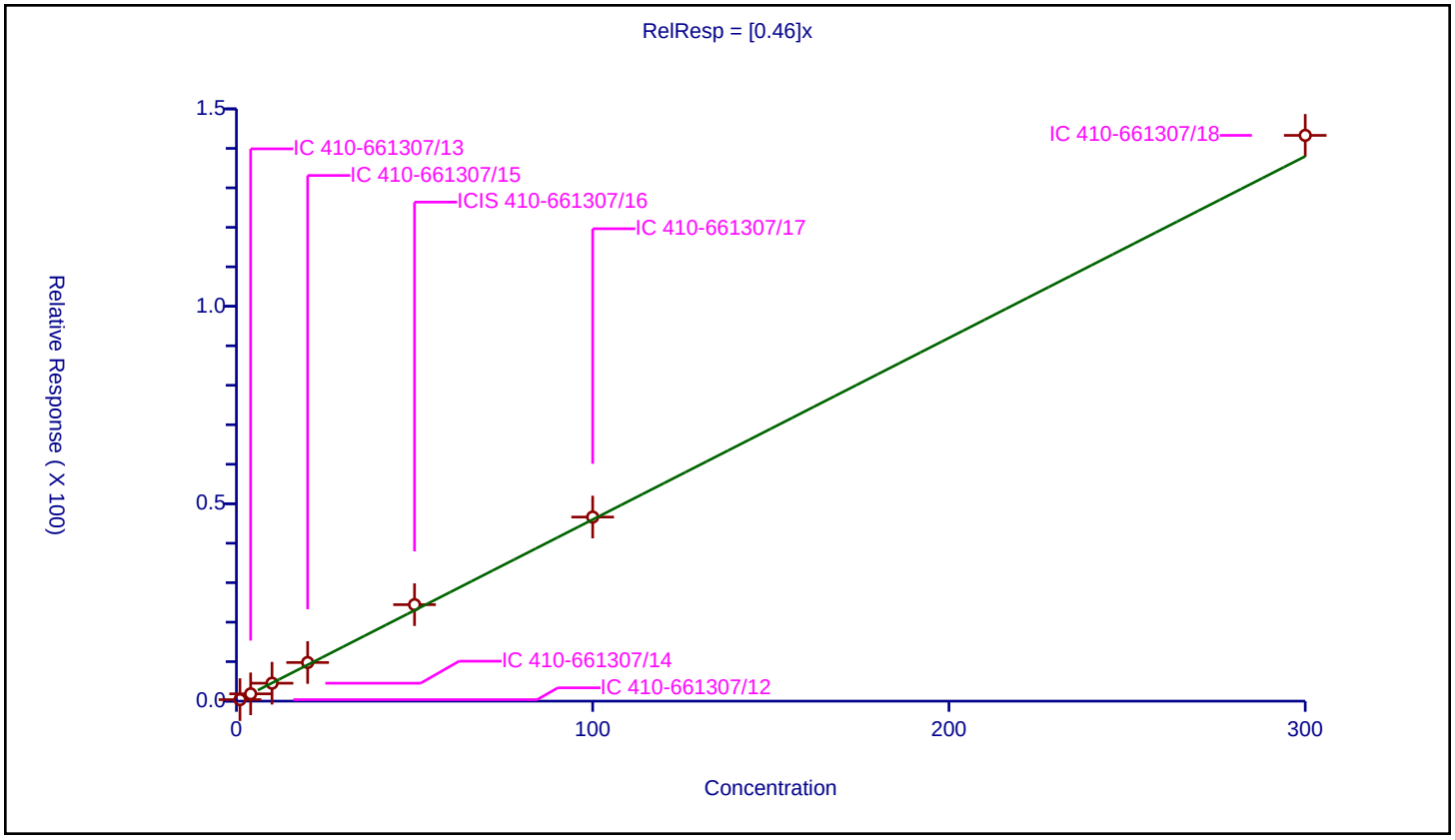
Curve Coefficients

Intercept:	0
Slope:	0.46

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.380465	50.0	939903.0	0.380465	Y
2	IC 410-661307/13	4.0	1.853538	50.0	926930.0	0.463385	Y
3	IC 410-661307/14	10.0	4.54188	50.0	917990.0	0.454188	Y
4	IC 410-661307/15	20.0	9.782208	50.0	928088.0	0.48911	Y
5	ICIS 410-661307/16	50.0	24.432996	50.0	927463.0	0.48866	Y
6	IC 410-661307/17	100.0	46.623899	50.0	946121.0	0.466239	Y
7	IC 410-661307/18	300.0	143.291732	50.0	976258.0	0.477639	Y



Calibration / Cyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

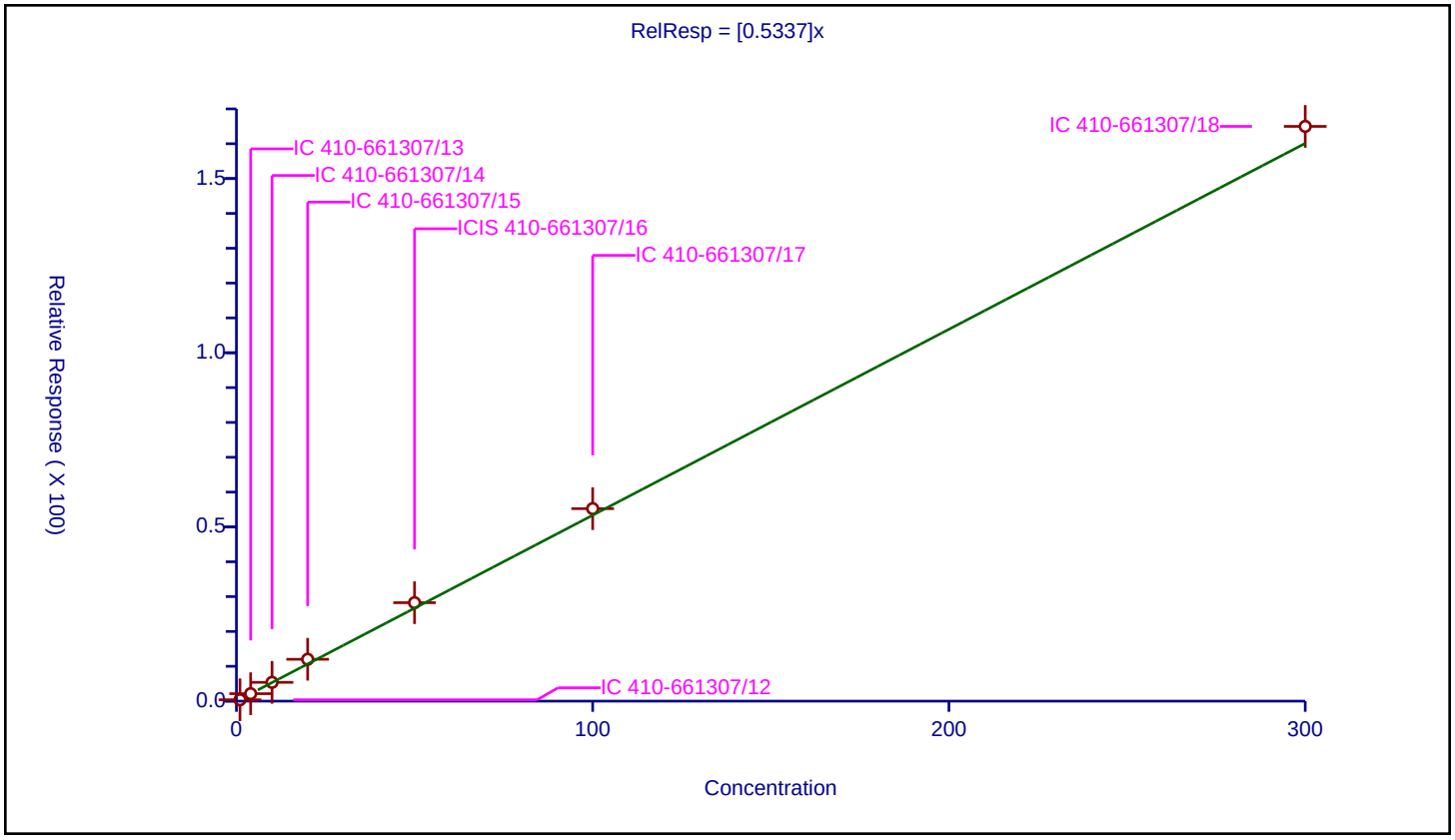
Curve Coefficients

Intercept:	0
Slope:	0.5337

Error Coefficients

Relative Standard Deviation:	12.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.393924	50.0	939903.0	0.393924	Y
2	IC 410-661307/13	4.0	2.137324	50.0	926930.0	0.534331	Y
3	IC 410-661307/14	10.0	5.391181	50.0	917990.0	0.539118	Y
4	IC 410-661307/15	20.0	12.014109	50.0	928088.0	0.600705	Y
5	ICIS 410-661307/16	50.0	28.263661	50.0	927463.0	0.565273	Y
6	IC 410-661307/17	100.0	55.255882	50.0	946121.0	0.552559	Y
7	IC 410-661307/18	300.0	164.980671	50.0	976258.0	0.549936	Y



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Calibration / Carbon tetrachloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

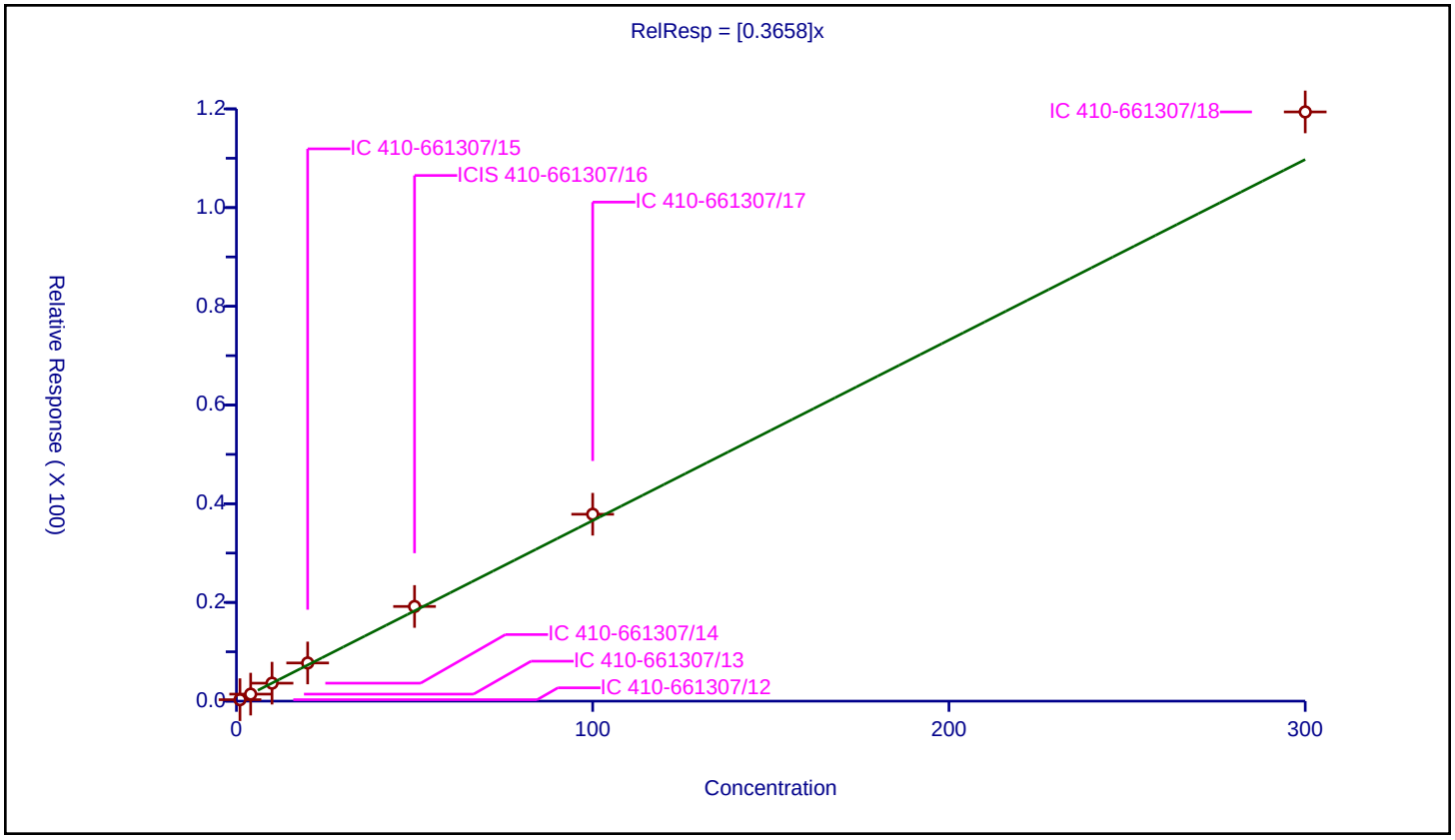
Curve Coefficients

Intercept:	0
Slope:	0.3658

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.293913	50.0	939903.0	0.293913	Y
2	IC 410-661307/13	4.0	1.422438	50.0	926930.0	0.355609	Y
3	IC 410-661307/14	10.0	3.642033	50.0	917990.0	0.364203	Y
4	IC 410-661307/15	20.0	7.736228	50.0	928088.0	0.386811	Y
5	ICIS 410-661307/16	50.0	19.180819	50.0	927463.0	0.383616	Y
6	IC 410-661307/17	100.0	37.867831	50.0	946121.0	0.378678	Y
7	IC 410-661307/18	300.0	119.38422	50.0	976258.0	0.397947	Y



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Calibration / 1,1-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

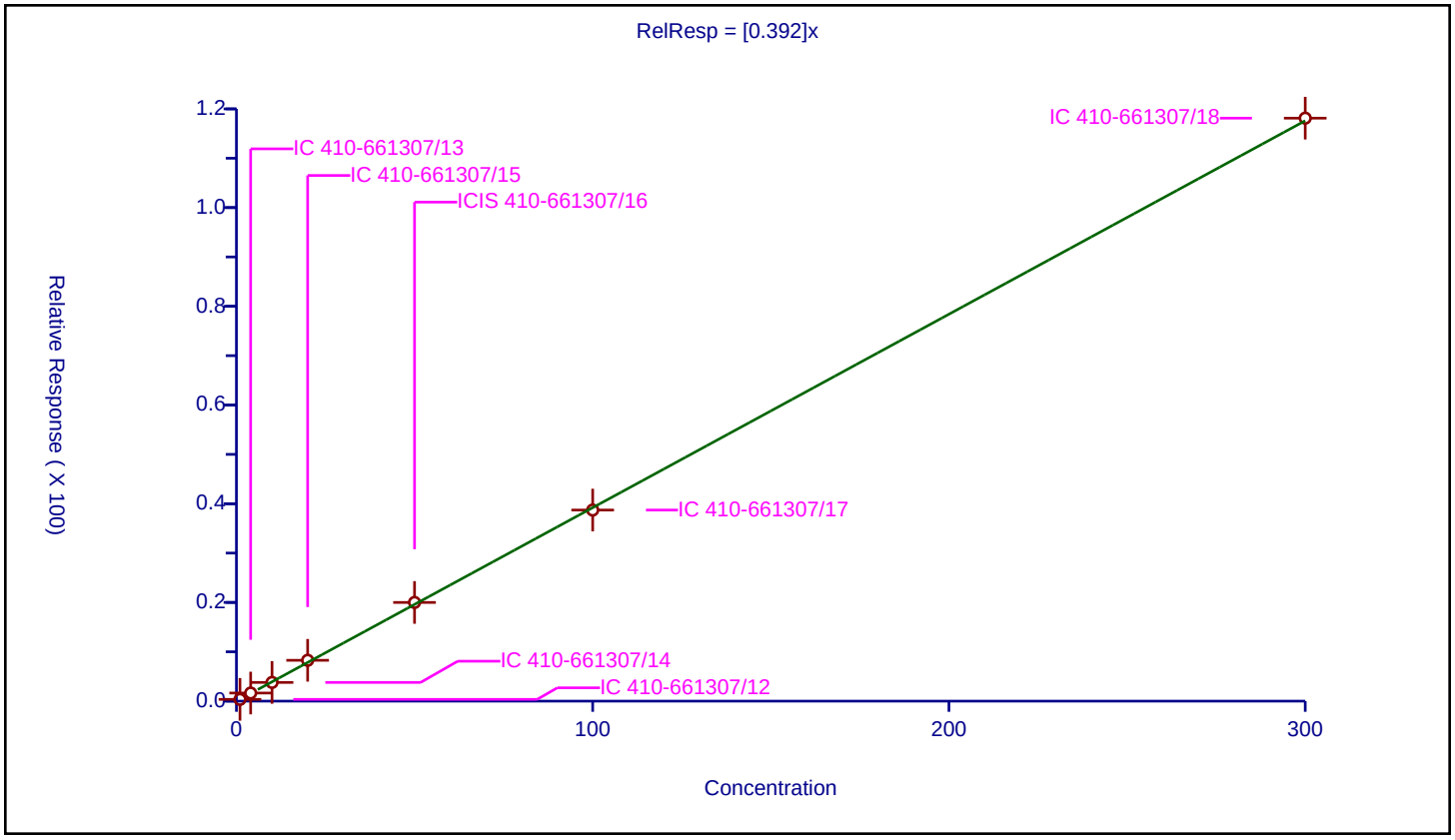
Curve Coefficients

Intercept:	0
Slope:	0.392

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.359026	50.0	939903.0	0.359026	Y
2	IC 410-661307/13	4.0	1.64527	50.0	926930.0	0.411317	Y
3	IC 410-661307/14	10.0	3.789094	50.0	917990.0	0.378909	Y
4	IC 410-661307/15	20.0	8.276586	50.0	928088.0	0.413829	Y
5	ICIS 410-661307/16	50.0	19.998857	50.0	927463.0	0.399977	Y
6	IC 410-661307/17	100.0	38.716084	50.0	946121.0	0.387161	Y
7	IC 410-661307/18	300.0	118.122054	50.0	976258.0	0.39374	Y



Calibration / Isobutyl alcohol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

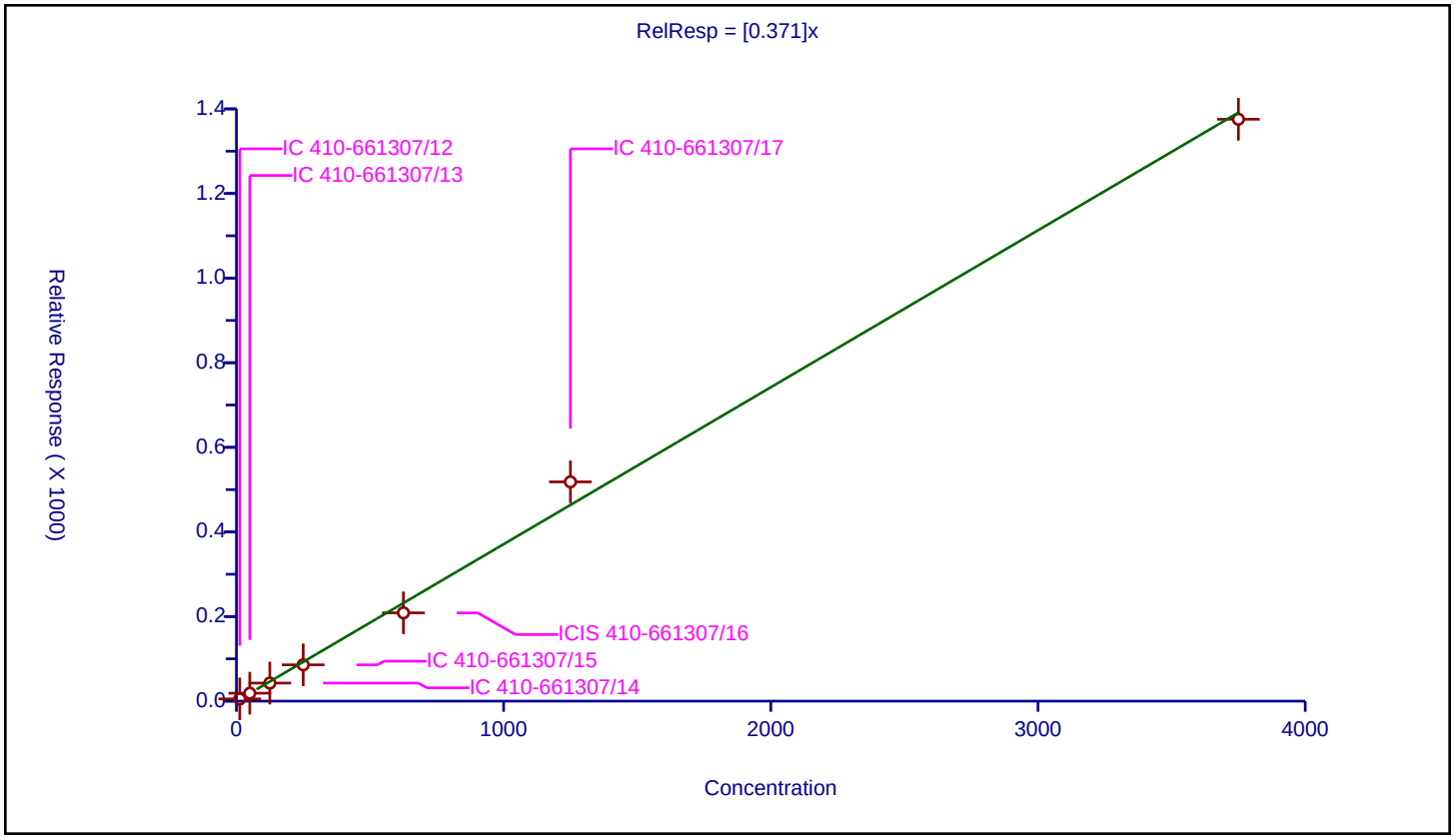
Curve Coefficients

Intercept:	0
Slope:	0.371

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	12.5	5.257513	250.0	372039.0	0.420601	Y
2	IC 410-661307/13	50.0	18.792947	250.0	366587.0	0.375859	Y
3	IC 410-661307/14	125.0	42.742178	250.0	342899.0	0.341937	Y
4	IC 410-661307/15	250.0	85.770693	250.0	329489.0	0.343083	Y
5	ICIS 410-661307/16	625.0	208.704183	250.0	342232.0	0.333927	Y
6	IC 410-661307/17	1250.0	518.328359	250.0	355842.0	0.414663	Y
7	IC 410-661307/18	3750.0	1375.551768	250.0	309233.0	0.366814	Y



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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

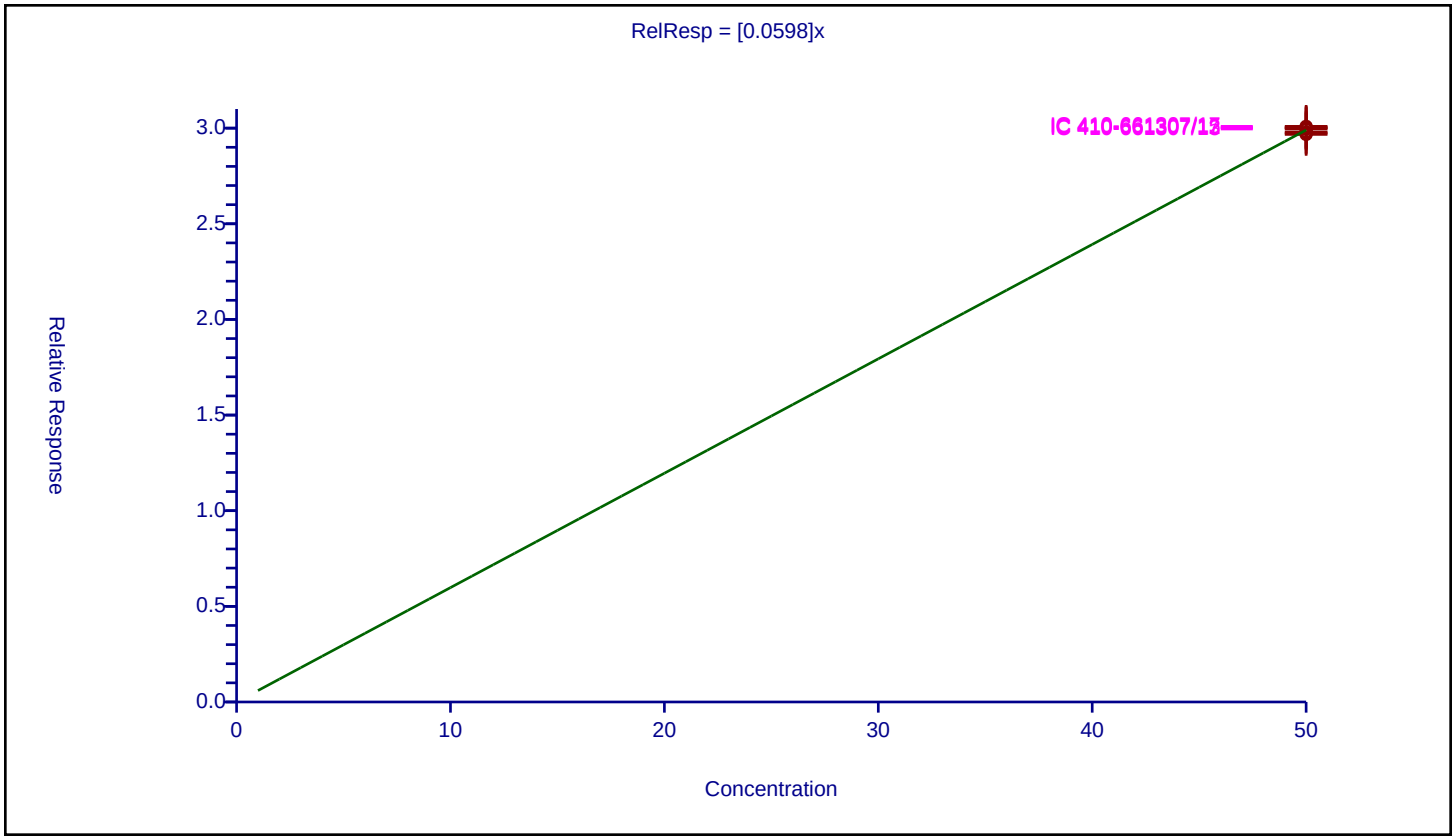
Curve Coefficients

Intercept:	0
Slope:	0.0598

Error Coefficients

Relative Standard Deviation:	0.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	50.0	3.000948	50.0	939903.0	0.060019	Y
2	IC 410-661307/13	50.0	2.995372	50.0	926930.0	0.059907	Y
3	IC 410-661307/14	50.0	2.979608	50.0	917990.0	0.059592	Y
4	IC 410-661307/15	50.0	3.003379	50.0	928088.0	0.060068	Y
5	ICIS 410-661307/16	50.0	2.973973	50.0	927463.0	0.059479	Y
6	IC 410-661307/17	50.0	3.009446	50.0	946121.0	0.060189	Y
7	IC 410-661307/18	50.0	2.967095	50.0	976258.0	0.059342	Y



Calibration / Benzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

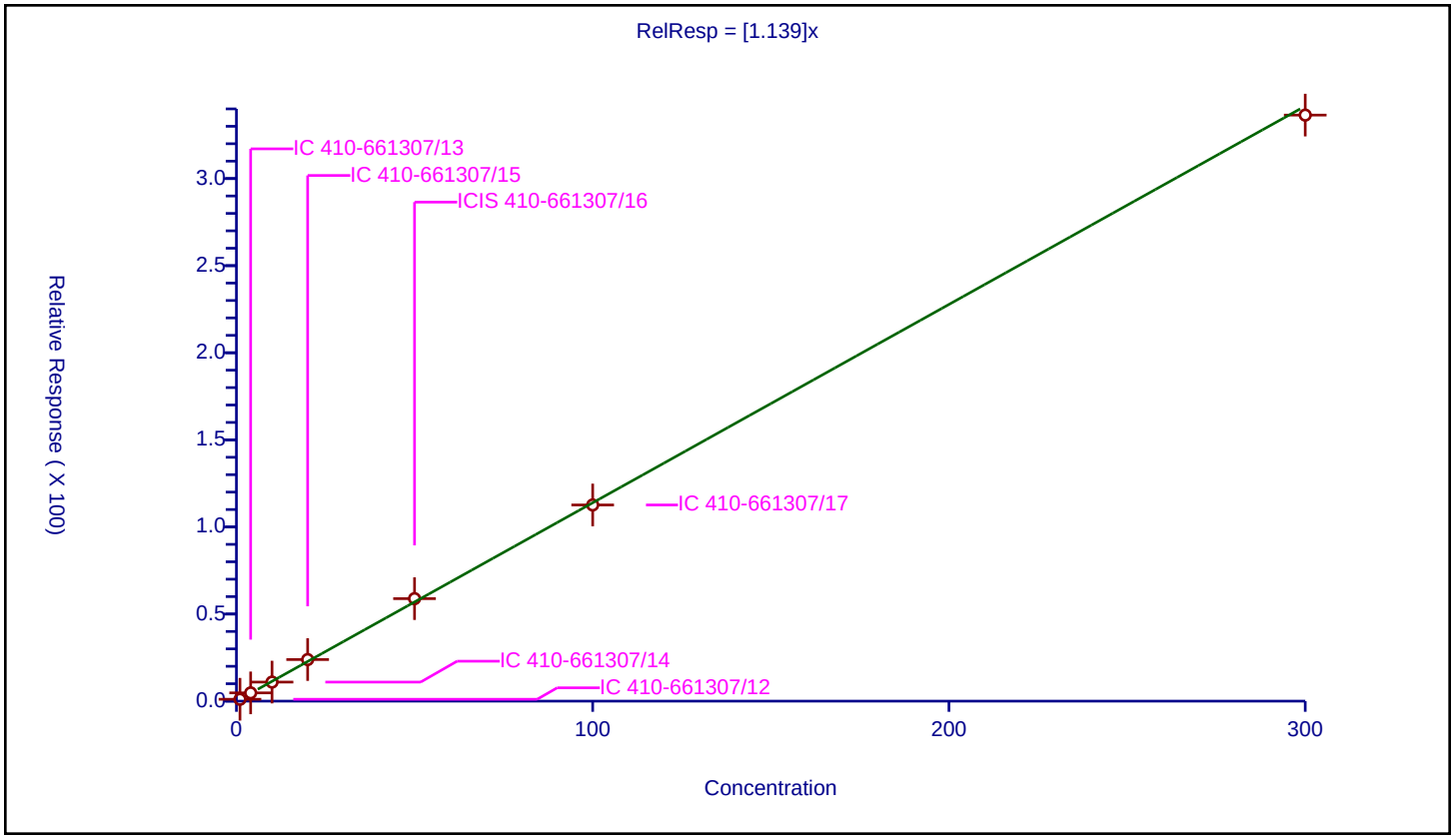
Curve Coefficients

Intercept:	0
Slope:	1.139

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.071334	50.0	939903.0	1.071334	Y
2	IC 410-661307/13	4.0	4.747716	50.0	926930.0	1.186929	Y
3	IC 410-661307/14	10.0	10.944618	50.0	917990.0	1.094462	Y
4	IC 410-661307/15	20.0	23.871174	50.0	928088.0	1.193559	Y
5	ICIS 410-661307/16	50.0	58.850488	50.0	927463.0	1.17701	Y
6	IC 410-661307/17	100.0	112.617784	50.0	946121.0	1.126178	Y
7	IC 410-661307/18	300.0	336.431507	50.0	976258.0	1.121438	Y



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Calibration / 1,2-Dichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

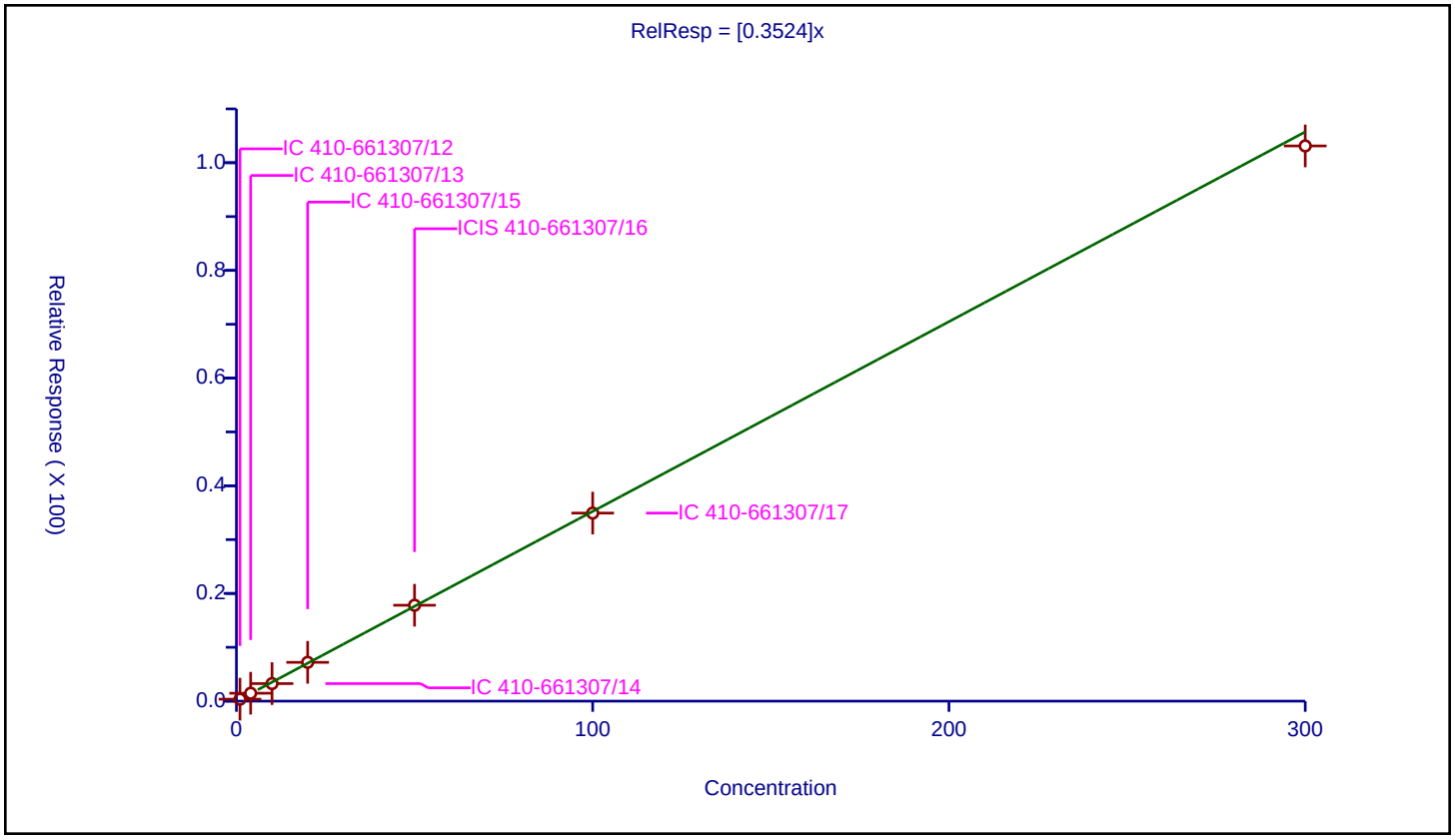
Curve Coefficients

Intercept:	0
Slope:	0.3524

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.363495	50.0	939903.0	0.363495	Y
2	IC 410-661307/13	4.0	1.472064	50.0	926930.0	0.368016	Y
3	IC 410-661307/14	10.0	3.258805	50.0	917990.0	0.32588	Y
4	IC 410-661307/15	20.0	7.206159	50.0	928088.0	0.360308	Y
5	ICIS 410-661307/16	50.0	17.810845	50.0	927463.0	0.356217	Y
6	IC 410-661307/17	100.0	34.929148	50.0	946121.0	0.349291	Y
7	IC 410-661307/18	300.0	103.120487	50.0	976258.0	0.343735	Y



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Calibration / Tert-amyl methyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

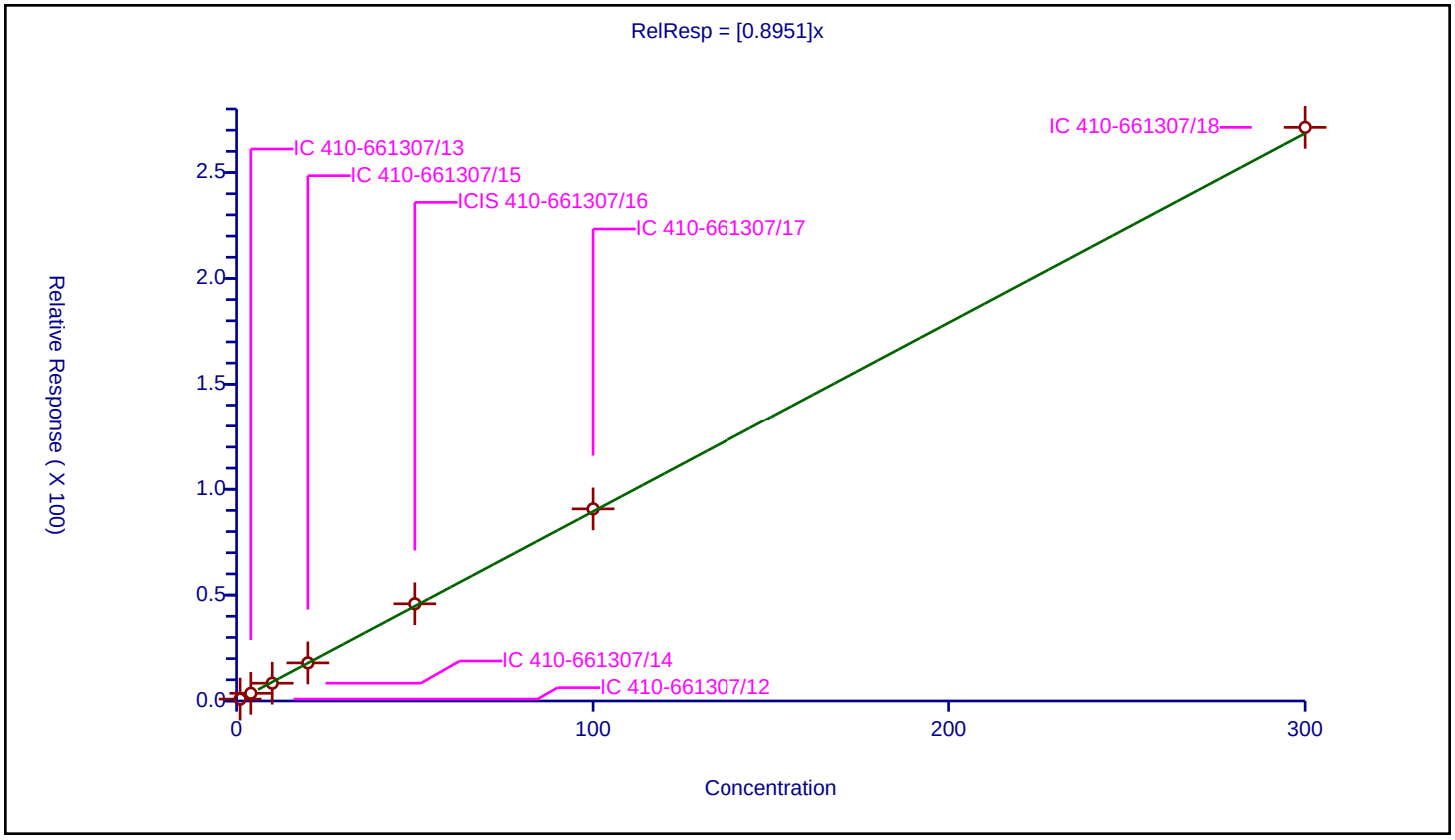
Curve Coefficients

Intercept:	0
Slope:	0.8951

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.890837	50.0	939903.0	0.890837	Y
2	IC 410-661307/13	4.0	3.626919	50.0	926930.0	0.90673	Y
3	IC 410-661307/14	10.0	8.396333	50.0	917990.0	0.839633	Y
4	IC 410-661307/15	20.0	17.988273	50.0	928088.0	0.899414	Y
5	ICIS 410-661307/16	50.0	45.88555	50.0	927463.0	0.917711	Y
6	IC 410-661307/17	100.0	90.724389	50.0	946121.0	0.907244	Y
7	IC 410-661307/18	300.0	271.334268	50.0	976258.0	0.904448	Y



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Calibration / n-Heptane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

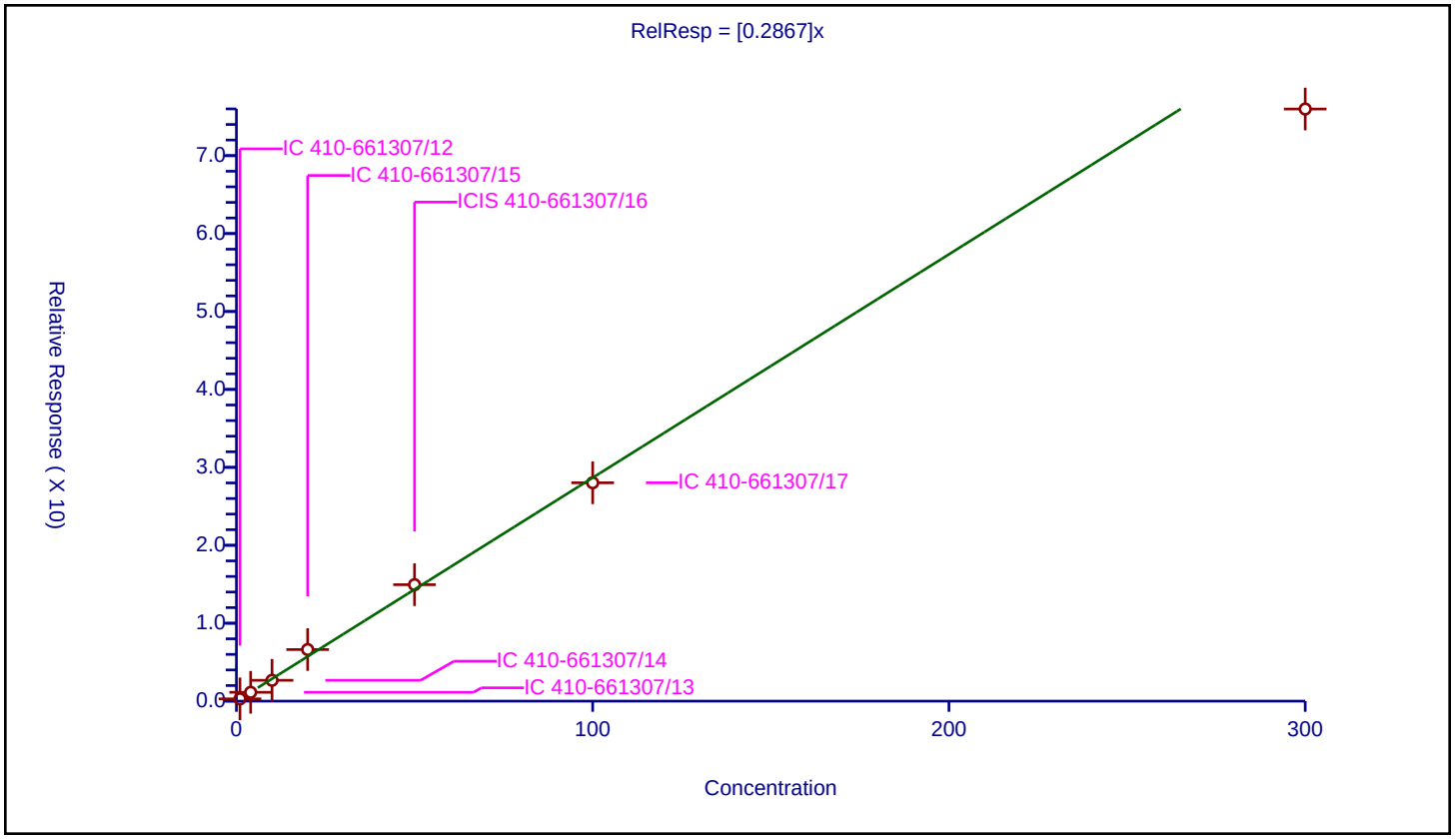
Curve Coefficients

Intercept:	0
Slope:	0.2867

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.292424	50.0	939903.0	0.292424	Y
2	IC 410-661307/13	4.0	1.134606	50.0	926930.0	0.283651	Y
3	IC 410-661307/14	10.0	2.674158	50.0	917990.0	0.267416	Y
4	IC 410-661307/15	20.0	6.619793	50.0	928088.0	0.33099	Y
5	ICIS 410-661307/16	50.0	14.944585	50.0	927463.0	0.298892	Y
6	IC 410-661307/17	100.0	28.021469	50.0	946121.0	0.280215	Y
7	IC 410-661307/18	300.0	75.982783	50.0	976258.0	0.253276	Y



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Calibration / n-Butanol

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

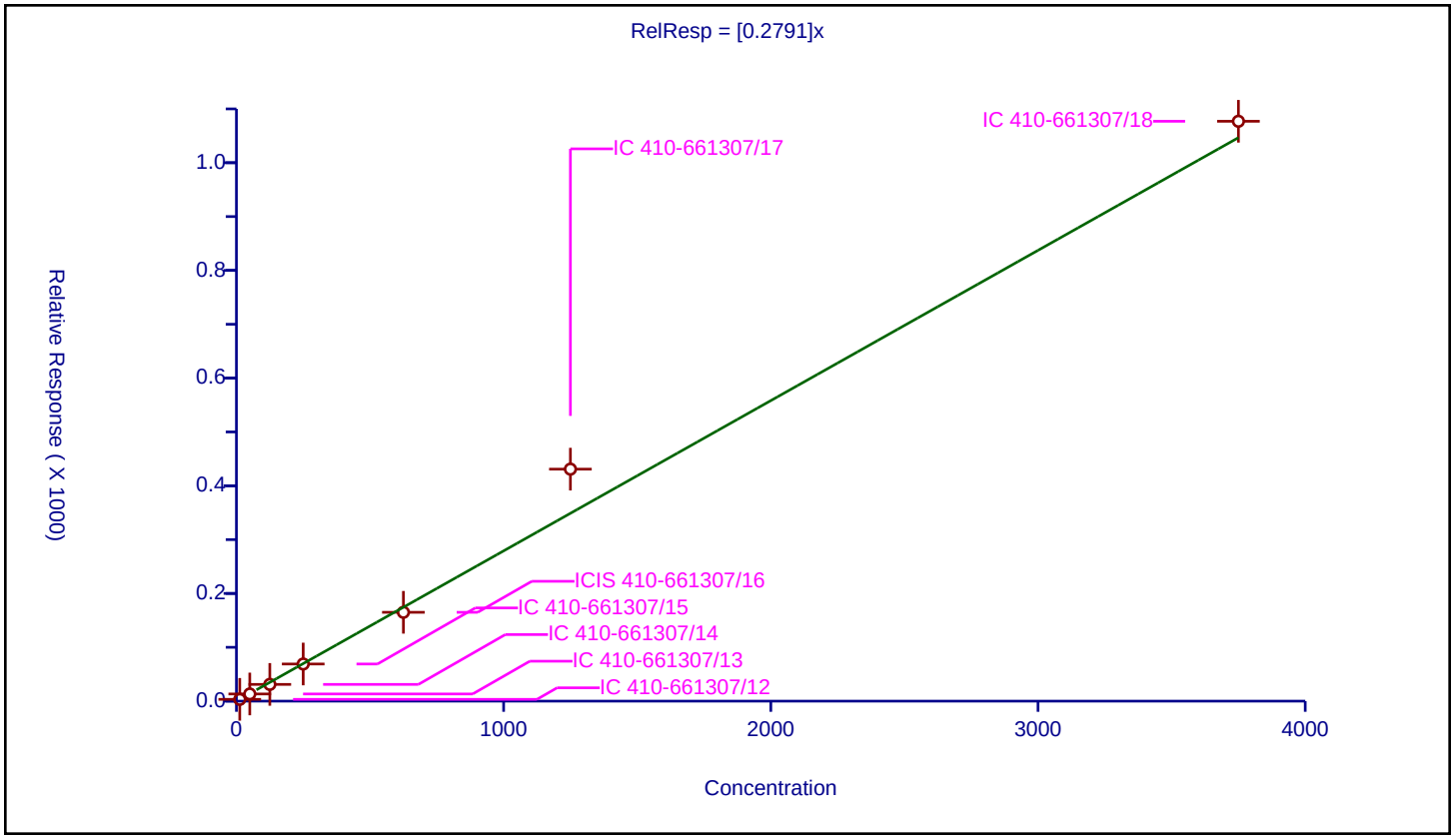
Curve Coefficients

Intercept:	0
Slope:	0.2791

Error Coefficients

Relative Standard Deviation:	11.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	12.5	3.323576	250.0	372039.0	0.265886	Y
2	IC 410-661307/13	50.0	13.349491	250.0	366587.0	0.26699	Y
3	IC 410-661307/14	125.0	31.107556	250.0	342899.0	0.24886	Y
4	IC 410-661307/15	250.0	68.981817	250.0	329489.0	0.275927	Y
5	ICIS 410-661307/16	625.0	165.009409	250.0	342232.0	0.264015	Y
6	IC 410-661307/17	1250.0	430.90543	250.0	355842.0	0.344724	Y
7	IC 410-661307/18	3750.0	1076.98483	250.0	309233.0	0.287196	Y



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Calibration / Trichloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

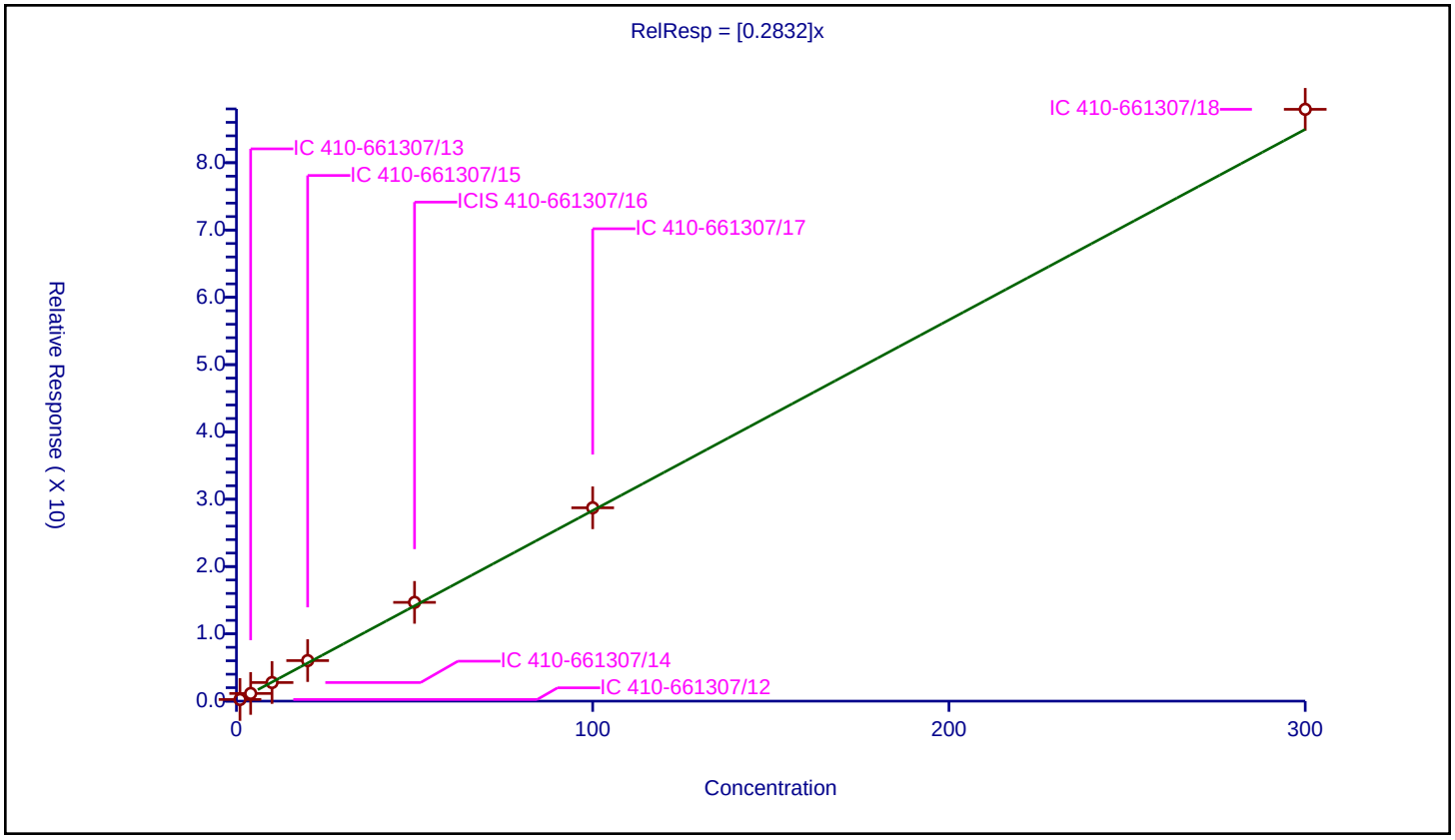
Curve Coefficients

Intercept:	0
Slope:	0.2832

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.245132	50.0	939903.0	0.245132	Y
2	IC 410-661307/13	4.0	1.141348	50.0	926930.0	0.285337	Y
3	IC 410-661307/14	10.0	2.766098	50.0	917990.0	0.27661	Y
4	IC 410-661307/15	20.0	6.026907	50.0	928088.0	0.301345	Y
5	ICIS 410-661307/16	50.0	14.677135	50.0	927463.0	0.293543	Y
6	IC 410-661307/17	100.0	28.730627	50.0	946121.0	0.287306	Y
7	IC 410-661307/18	300.0	87.935669	50.0	976258.0	0.293119	Y



Calibration / Ethyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

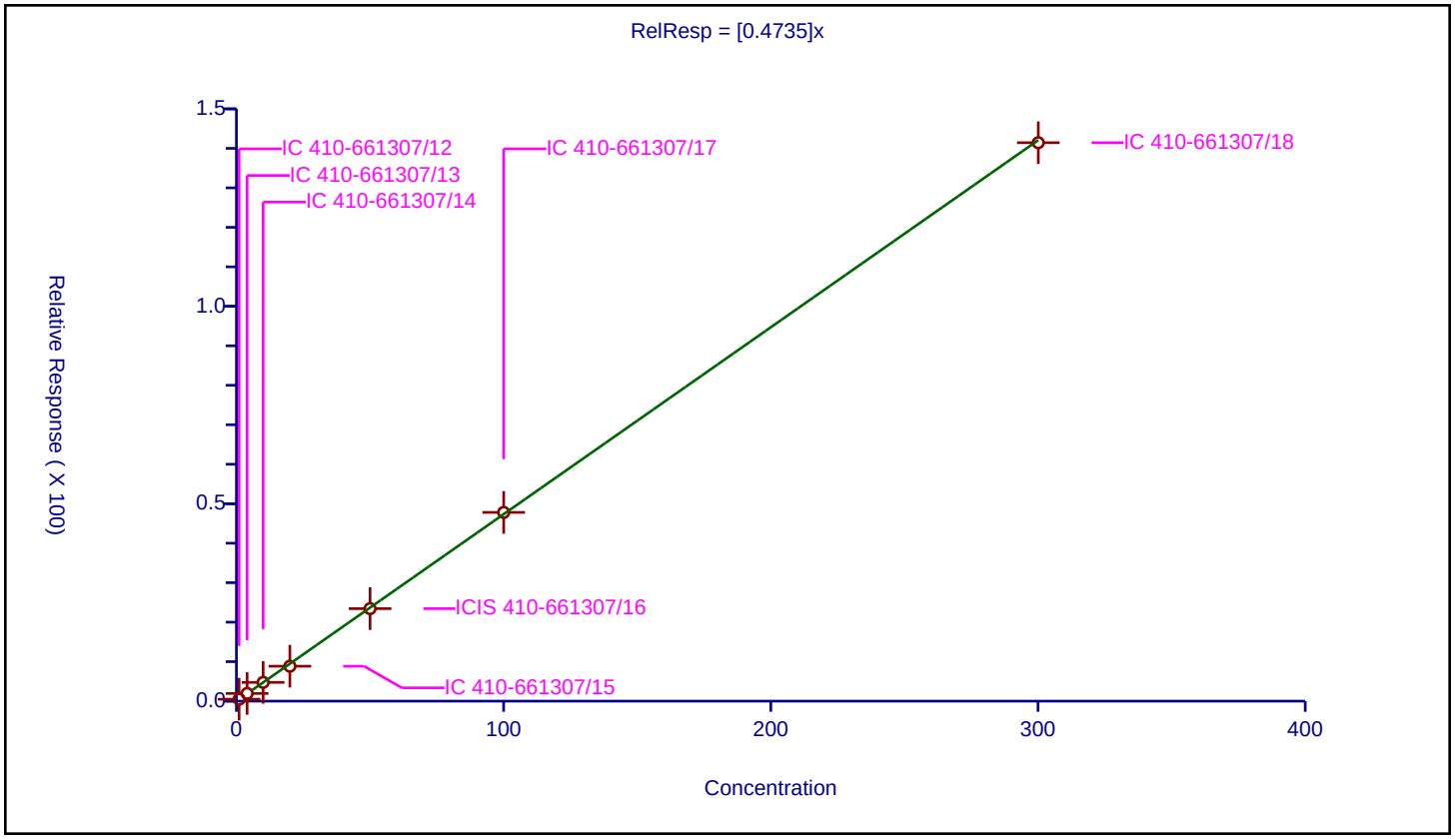
Curve Coefficients

Intercept:	0
Slope:	0.4735

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.000354	0.492232	50.0	939903.0	0.492058	Y
2	IC 410-661307/13	4.001415	1.949014	50.0	926930.0	0.487081	Y
3	IC 410-661307/14	10.003538	4.753211	50.0	917990.0	0.475153	Y
4	IC 410-661307/15	20.007076	8.848945	50.0	928088.0	0.442291	Y
5	ICIS 410-661307/16	50.01769	23.429668	50.0	927463.0	0.468428	Y
6	IC 410-661307/17	100.03538	47.803822	50.0	946121.0	0.477869	Y
7	IC 410-661307/18	300.10614	141.434078	50.0	976258.0	0.47128	Y



Calibration / Methylcyclohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

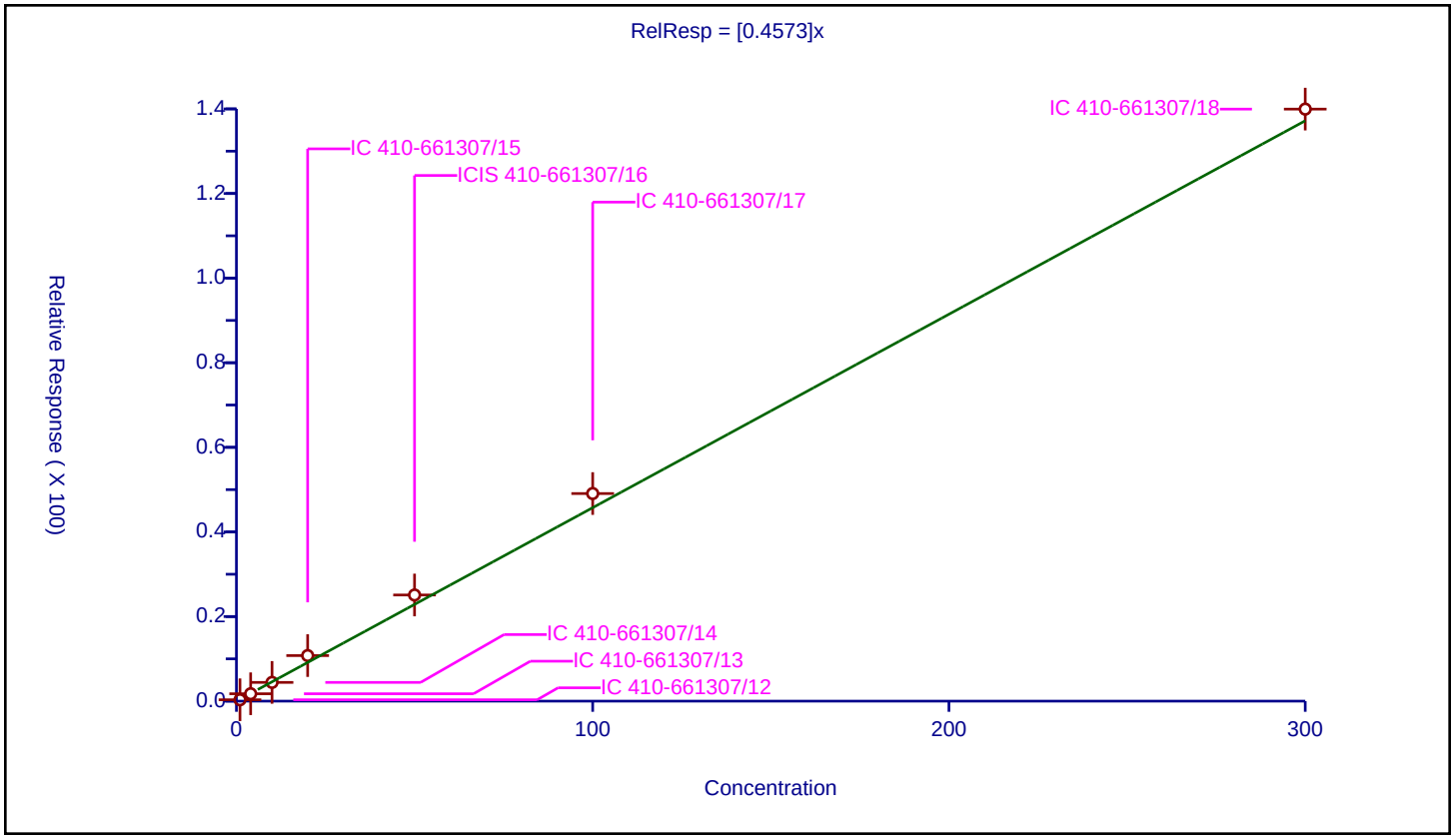
Curve Coefficients

Intercept:	0
Slope:	0.4573

Error Coefficients

Relative Standard Deviation:	15.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.323863	50.0	939903.0	0.323863	Y
2	IC 410-661307/13	4.0	1.747759	50.0	926930.0	0.43694	Y
3	IC 410-661307/14	10.0	4.428153	50.0	917990.0	0.442815	Y
4	IC 410-661307/15	20.0	10.766328	50.0	928088.0	0.538316	Y
5	ICIS 410-661307/16	50.0	25.094963	50.0	927463.0	0.501899	Y
6	IC 410-661307/17	100.0	49.076492	50.0	946121.0	0.490765	Y
7	IC 410-661307/18	300.0	139.949685	50.0	976258.0	0.466499	Y



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Calibration / 1,2-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

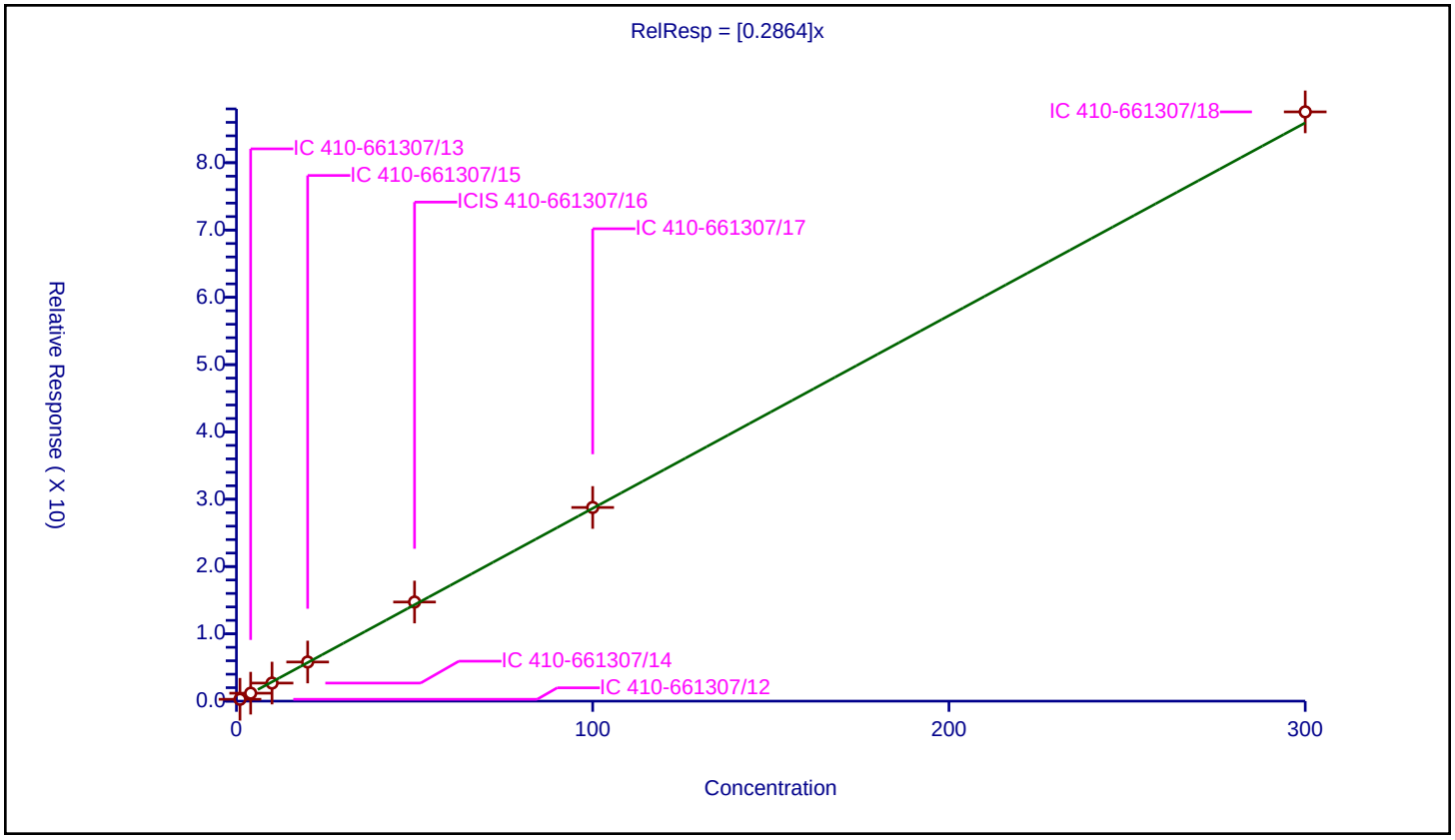
Curve Coefficients

Intercept:	0
Slope:	0.2864

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.276092	50.0	939903.0	0.276092	Y
2	IC 410-661307/13	4.0	1.181319	50.0	926930.0	0.29533	Y
3	IC 410-661307/14	10.0	2.685269	50.0	917990.0	0.268527	Y
4	IC 410-661307/15	20.0	5.81642	50.0	928088.0	0.290821	Y
5	ICIS 410-661307/16	50.0	14.728889	50.0	927463.0	0.294578	Y
6	IC 410-661307/17	100.0	28.77634	50.0	946121.0	0.287763	Y
7	IC 410-661307/18	300.0	87.558565	50.0	976258.0	0.291862	Y



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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

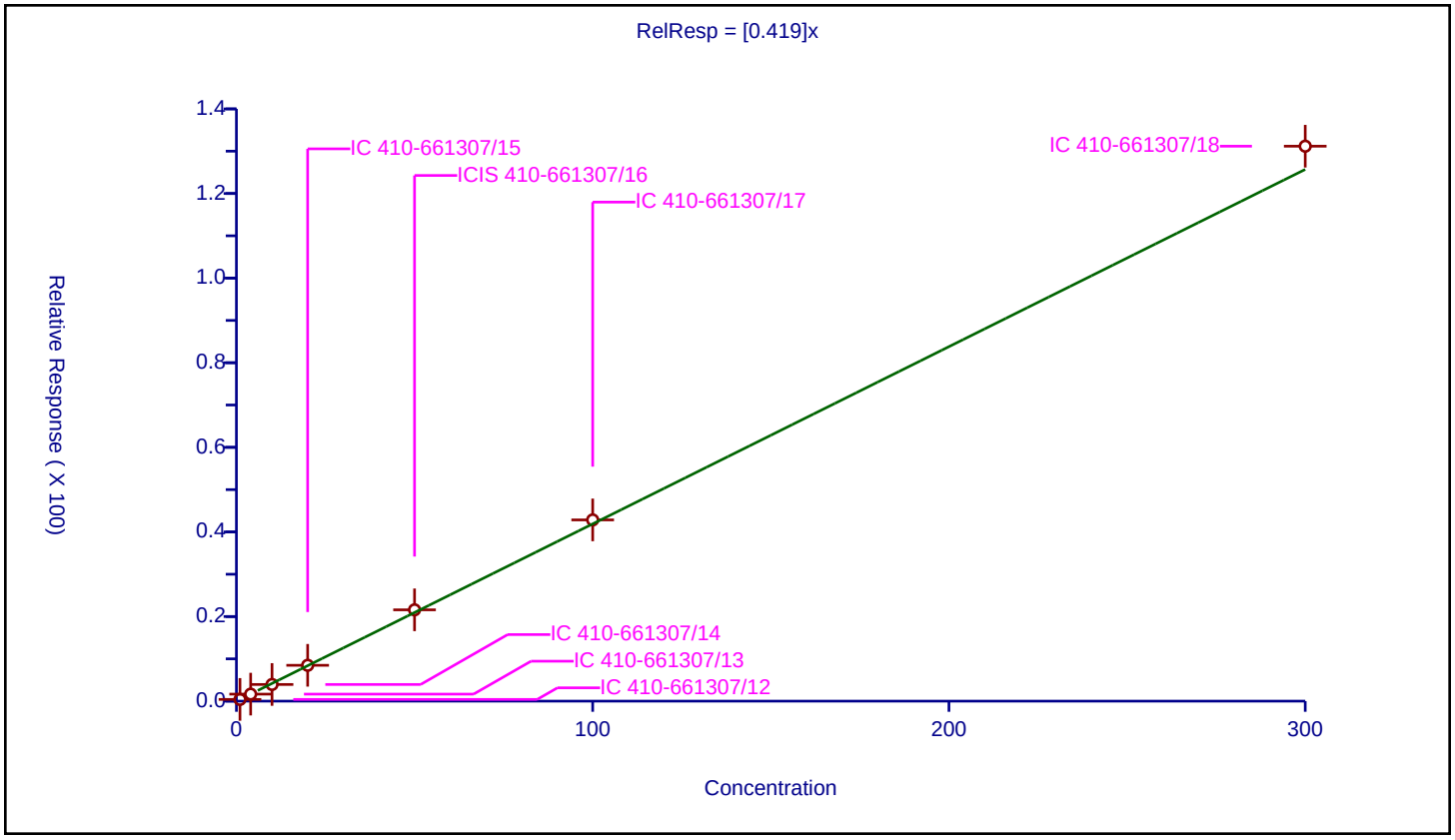
Curve Coefficients

Intercept:	0
Slope:	0.419

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.40318	50.0	939903.0	0.40318	Y
2	IC 410-661307/13	4.0	1.657892	50.0	926930.0	0.414473	Y
3	IC 410-661307/14	10.0	3.940457	50.0	917990.0	0.394046	Y
4	IC 410-661307/15	20.0	8.473604	50.0	928088.0	0.42368	Y
5	ICIS 410-661307/16	50.0	21.586522	50.0	927463.0	0.43173	Y
6	IC 410-661307/17	100.0	42.840556	50.0	946121.0	0.428406	Y
7	IC 410-661307/18	300.0	131.178336	50.0	976258.0	0.437261	Y



Calibration / Methyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

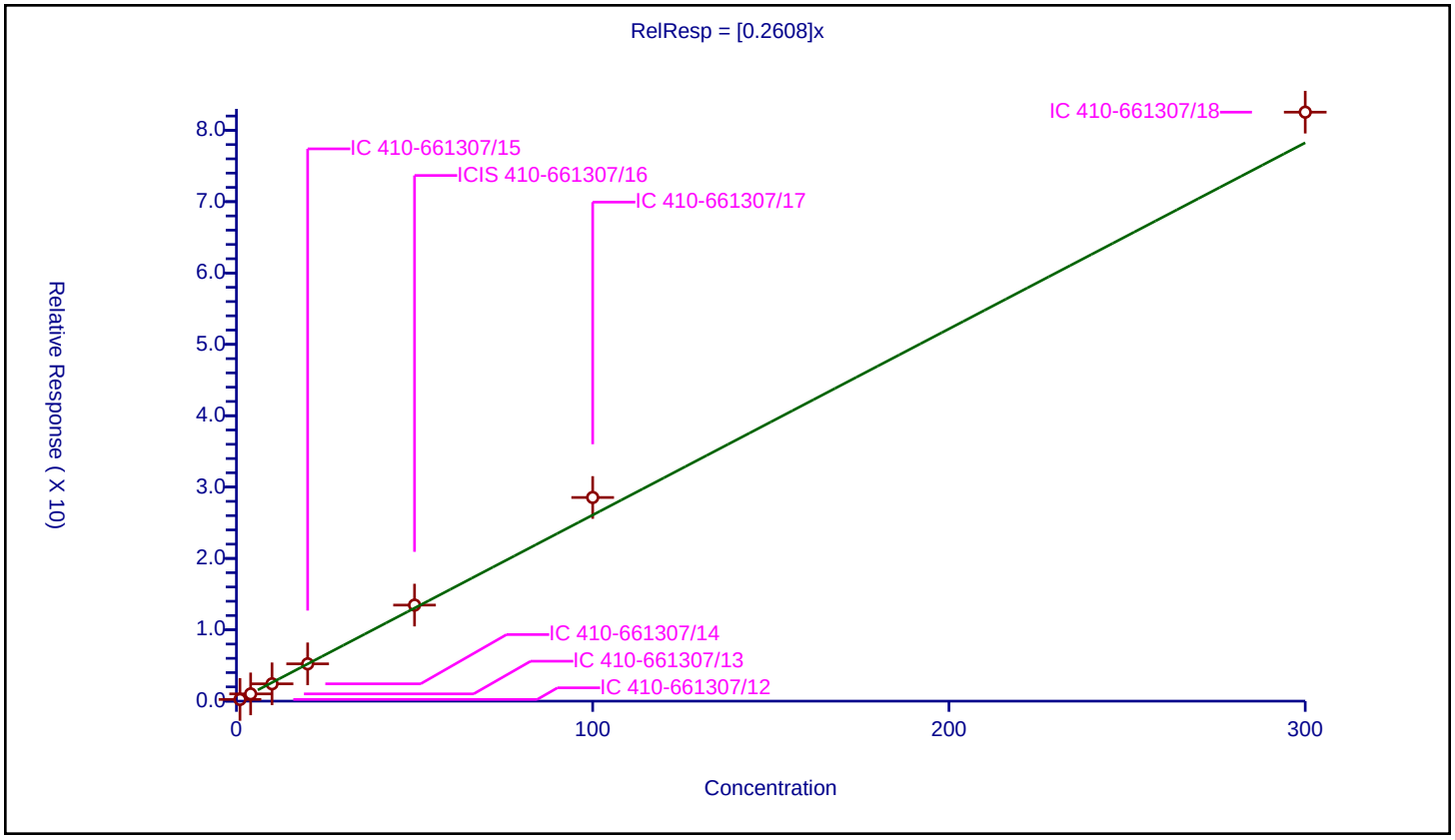
Curve Coefficients

Intercept:	0
Slope:	0.2608

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.238163	50.0	939903.0	0.238163	Y
2	IC 410-661307/13	4.0	1.015557	50.0	926930.0	0.253889	Y
3	IC 410-661307/14	10.0	2.427368	50.0	917990.0	0.242737	Y
4	IC 410-661307/15	20.0	5.225744	50.0	928088.0	0.261287	Y
5	ICIS 410-661307/16	50.0	13.462262	50.0	927463.0	0.269245	Y
6	IC 410-661307/17	100.0	28.541857	50.0	946121.0	0.285419	Y
7	IC 410-661307/18	300.0	82.542217	50.0	976258.0	0.275141	Y



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Calibration / 1,4-Dioxane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

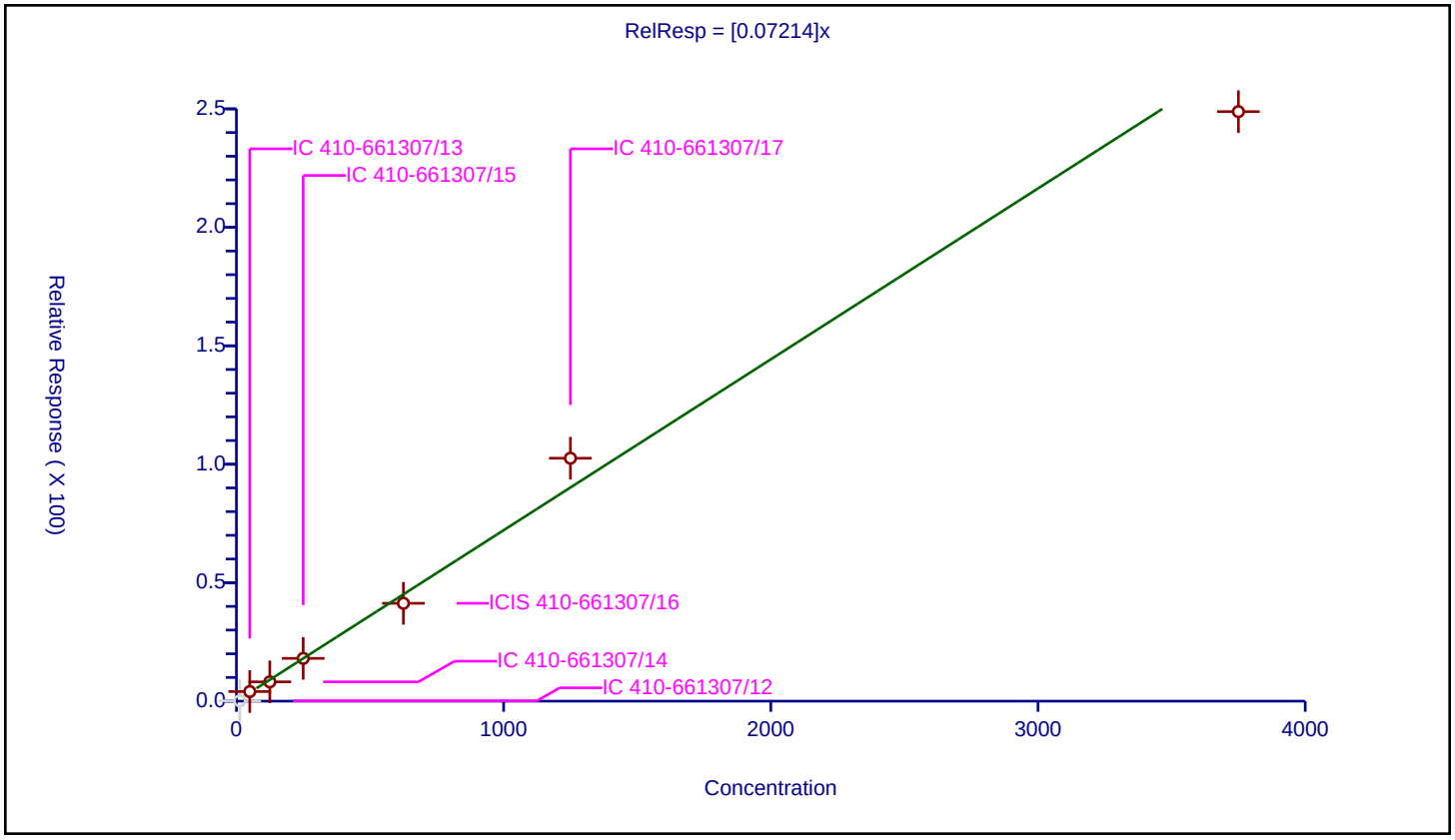
Curve Coefficients

Intercept:	0
Slope:	0.07214

Error Coefficients

Relative Standard Deviation:	10.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	12.5	0.131035	250.0	372039.0	0.010483	N
2	IC 410-661307/13	50.0	4.052244	250.0	366587.0	0.081045	Y
3	IC 410-661307/14	125.0	8.143068	250.0	342899.0	0.065145	Y
4	IC 410-661307/15	250.0	18.045367	250.0	329489.0	0.072181	Y
5	ICIS 410-661307/16	625.0	41.295086	250.0	342232.0	0.066072	Y
6	IC 410-661307/17	1250.0	102.540594	250.0	355842.0	0.082032	Y
7	IC 410-661307/18	3750.0	248.846339	250.0	309233.0	0.066359	Y



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Calibration / Dibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

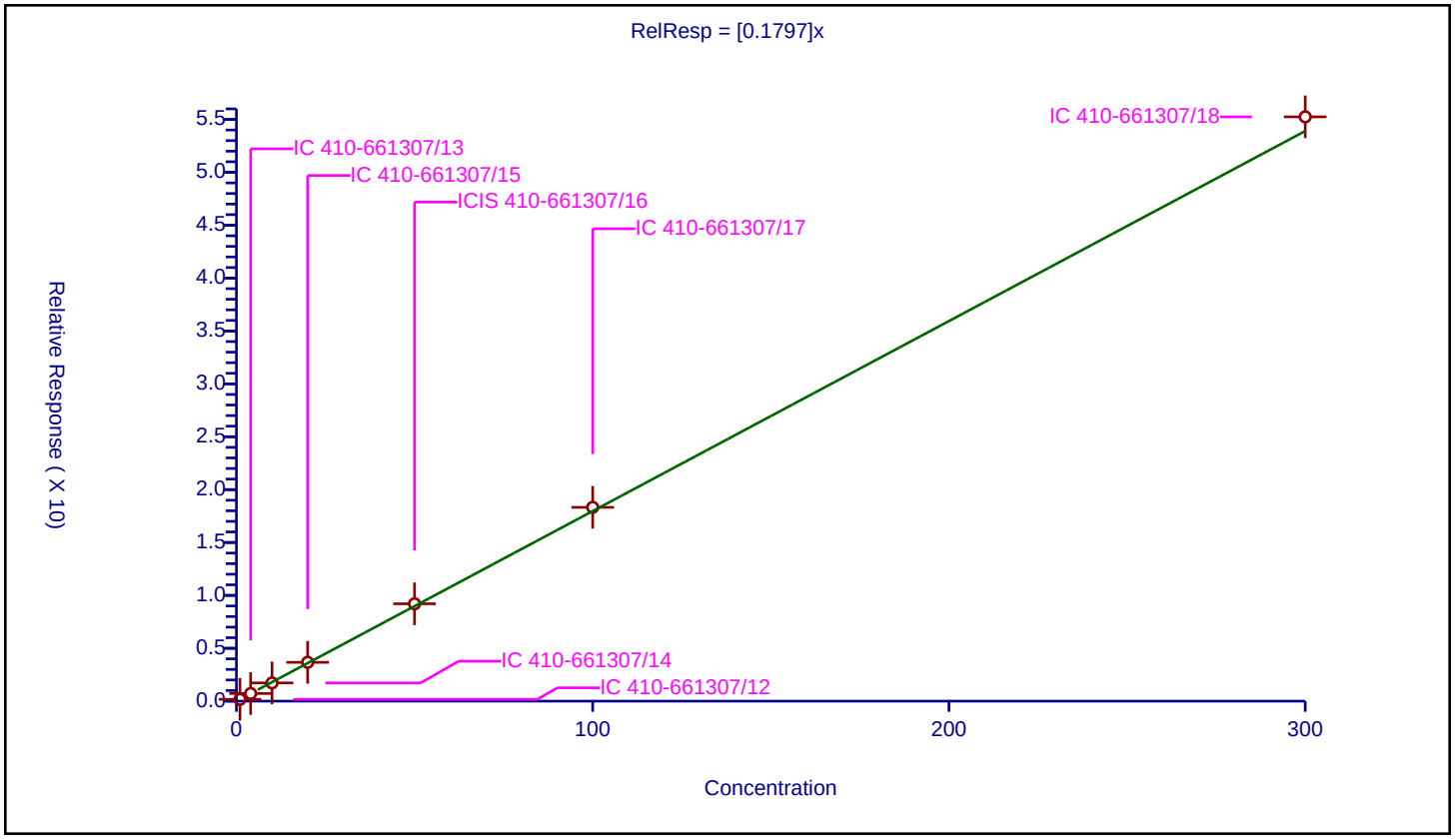
Curve Coefficients

Intercept:	0
Slope:	0.1797

Error Coefficients

Relative Standard Deviation:	3.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.169592	50.0	939903.0	0.169592	Y
2	IC 410-661307/13	4.0	0.723571	50.0	926930.0	0.180893	Y
3	IC 410-661307/14	10.0	1.722949	50.0	917990.0	0.172295	Y
4	IC 410-661307/15	20.0	3.669372	50.0	928088.0	0.183469	Y
5	ICIS 410-661307/16	50.0	9.205165	50.0	927463.0	0.184103	Y
6	IC 410-661307/17	100.0	18.32588	50.0	946121.0	0.183259	Y
7	IC 410-661307/18	300.0	55.246359	50.0	976258.0	0.184155	Y



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Calibration / Dichlorobromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

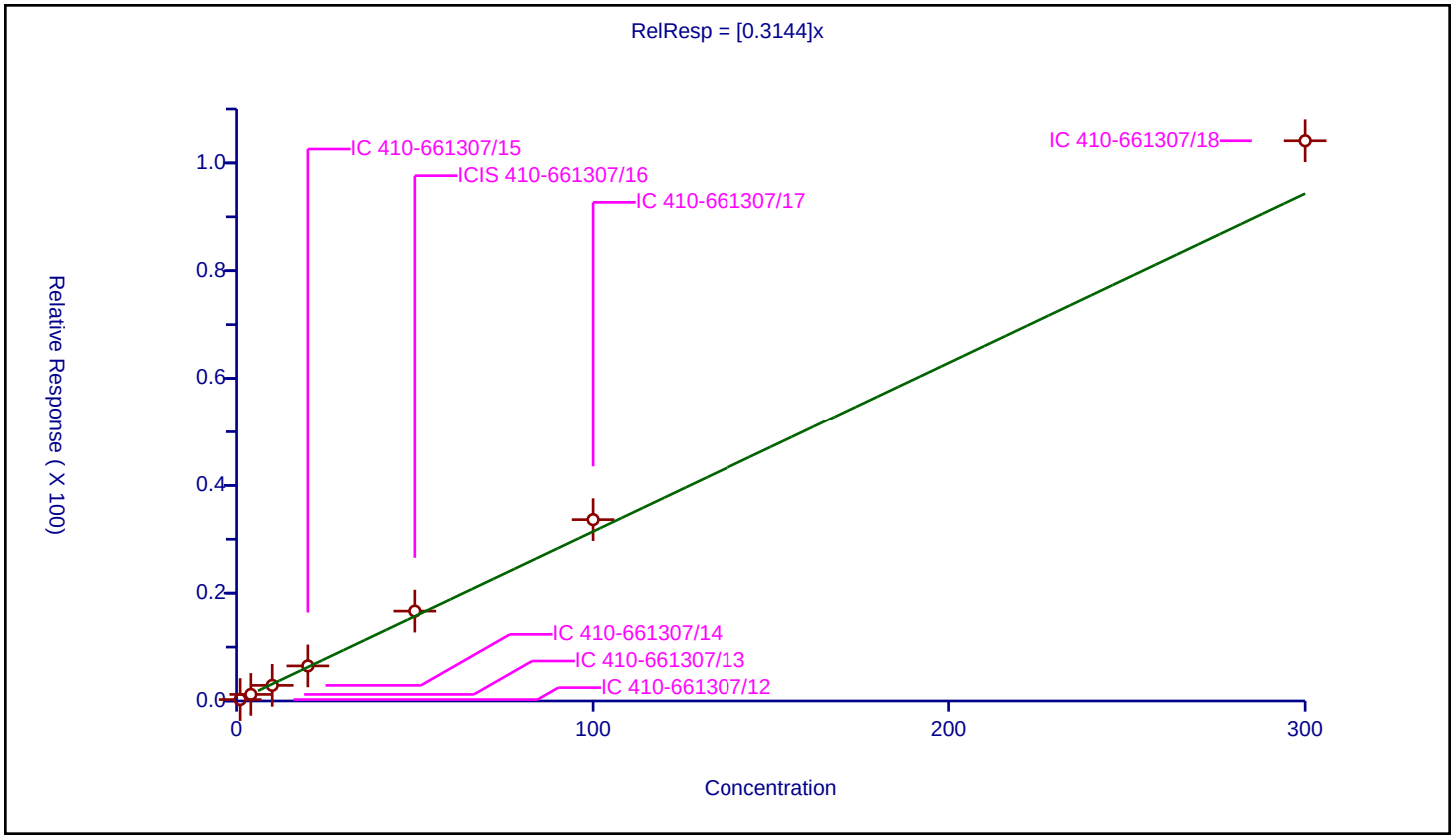
Curve Coefficients

Intercept:	0
Slope:	0.3144

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.263325	50.0	939903.0	0.263325	Y
2	IC 410-661307/13	4.0	1.220642	50.0	926930.0	0.305161	Y
3	IC 410-661307/14	10.0	2.896546	50.0	917990.0	0.289655	Y
4	IC 410-661307/15	20.0	6.509458	50.0	928088.0	0.325473	Y
5	ICIS 410-661307/16	50.0	16.674735	50.0	927463.0	0.333495	Y
6	IC 410-661307/17	100.0	33.640465	50.0	946121.0	0.336405	Y
7	IC 410-661307/18	300.0	104.111618	50.0	976258.0	0.347039	Y



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Calibration / 2-Nitropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

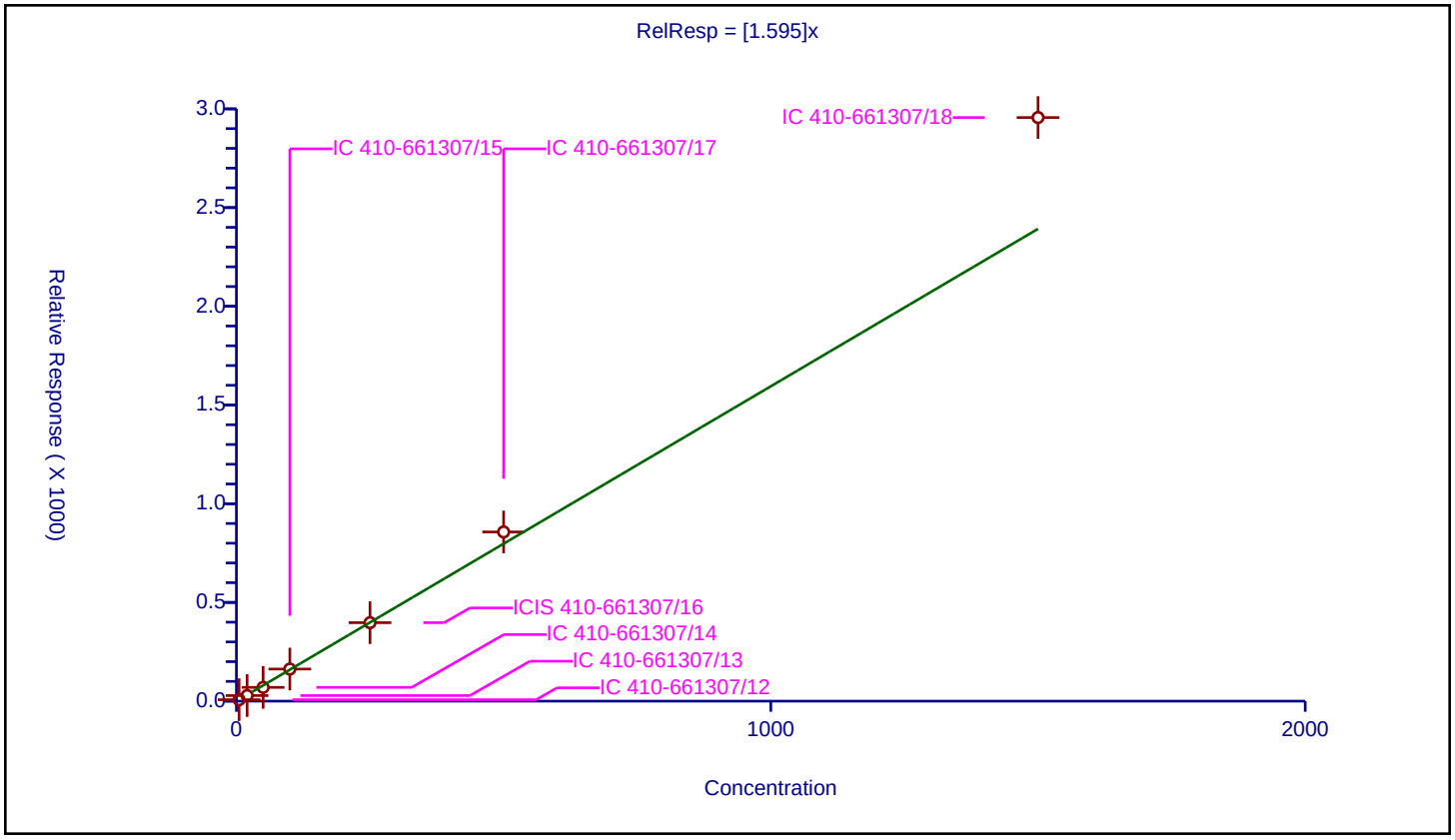
Curve Coefficients

Intercept:	0
Slope:	1.595

Error Coefficients

Relative Standard Deviation:	12.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	5.0	7.278807	250.0	372039.0	1.455761	Y
2	IC 410-661307/13	20.0	28.275689	250.0	366587.0	1.413784	Y
3	IC 410-661307/14	50.0	69.664099	250.0	342899.0	1.393282	Y
4	IC 410-661307/15	100.0	162.578265	250.0	329489.0	1.625783	Y
5	ICIS 410-661307/16	250.0	397.507393	250.0	342232.0	1.59003	Y
6	IC 410-661307/17	500.0	857.065776	250.0	355842.0	1.714132	Y
7	IC 410-661307/18	1500.0	2956.162505	250.0	309233.0	1.970775	Y



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Calibration / 2-Chloroethyl vinyl ether

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

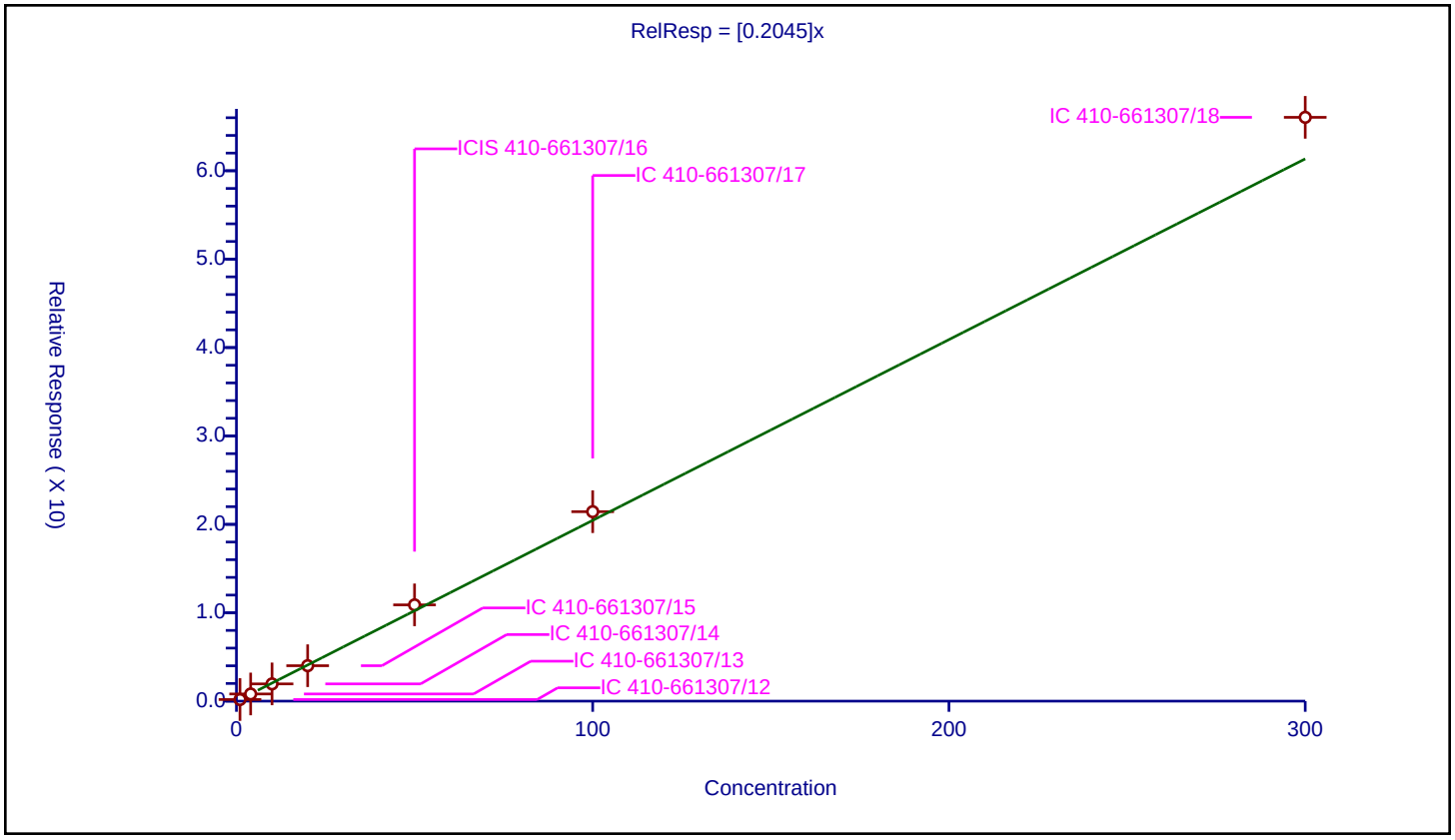
Curve Coefficients

Intercept:	0
Slope:	0.2045

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.180817	50.0	939903.0	0.180817	Y
2	IC 410-661307/13	4.0	0.811388	50.0	926930.0	0.202847	Y
3	IC 410-661307/14	10.0	1.950838	50.0	917990.0	0.195084	Y
4	IC 410-661307/15	20.0	4.007917	50.0	928088.0	0.200396	Y
5	ICIS 410-661307/16	50.0	10.890515	50.0	927463.0	0.21781	Y
6	IC 410-661307/17	100.0	21.433781	50.0	946121.0	0.214338	Y
7	IC 410-661307/18	300.0	66.045502	50.0	976258.0	0.220152	Y



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Calibration / cis-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

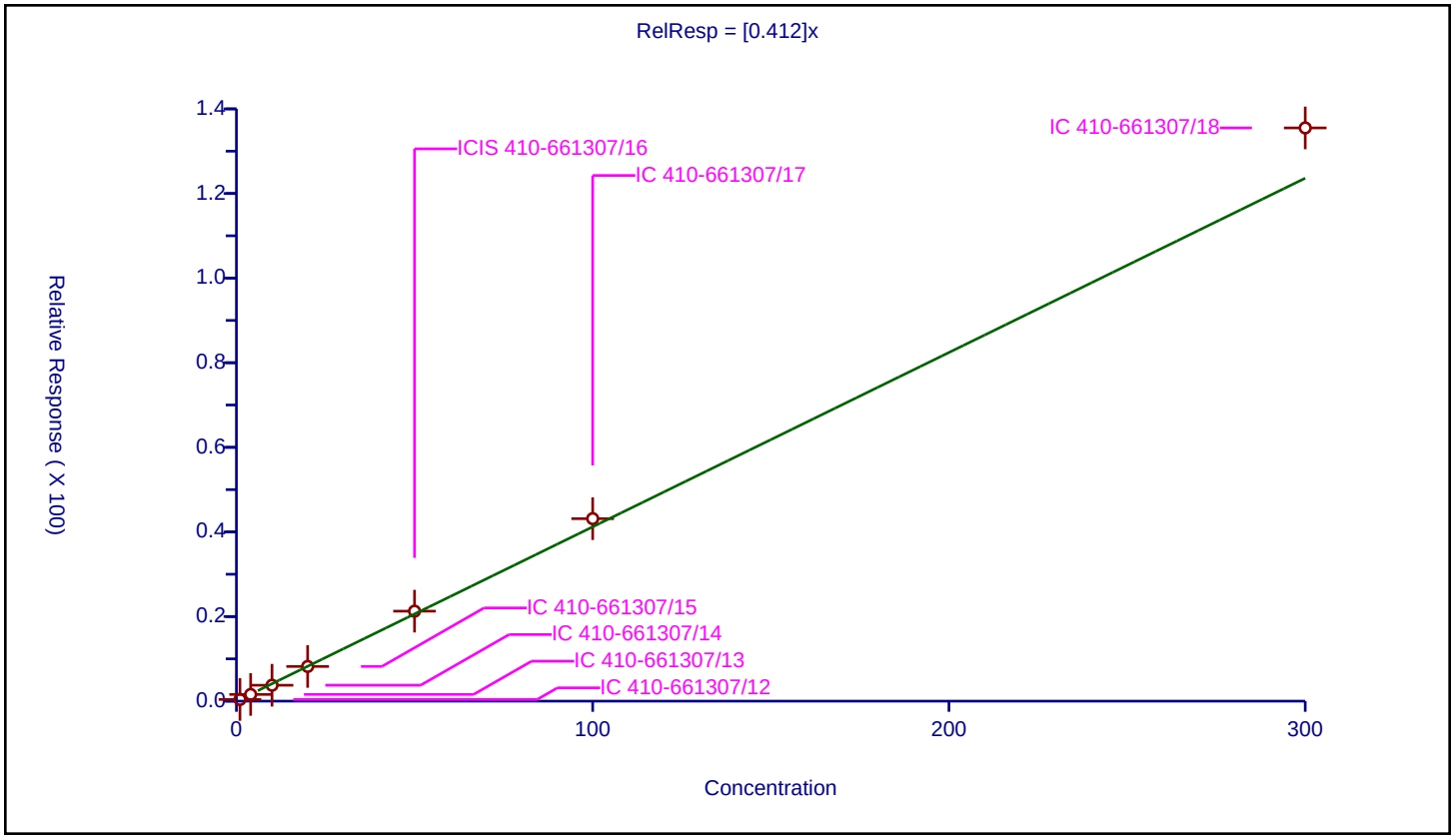
Curve Coefficients

Intercept:	0
Slope:	0.412

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.39419	50.0	939903.0	0.39419	Y
2	IC 410-661307/13	4.0	1.583669	50.0	926930.0	0.395917	Y
3	IC 410-661307/14	10.0	3.759082	50.0	917990.0	0.375908	Y
4	IC 410-661307/15	20.0	8.197768	50.0	928088.0	0.409888	Y
5	ICIS 410-661307/16	50.0	21.270768	50.0	927463.0	0.425415	Y
6	IC 410-661307/17	100.0	43.134916	50.0	946121.0	0.431349	Y
7	IC 410-661307/18	300.0	135.499632	50.0	976258.0	0.451665	Y



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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

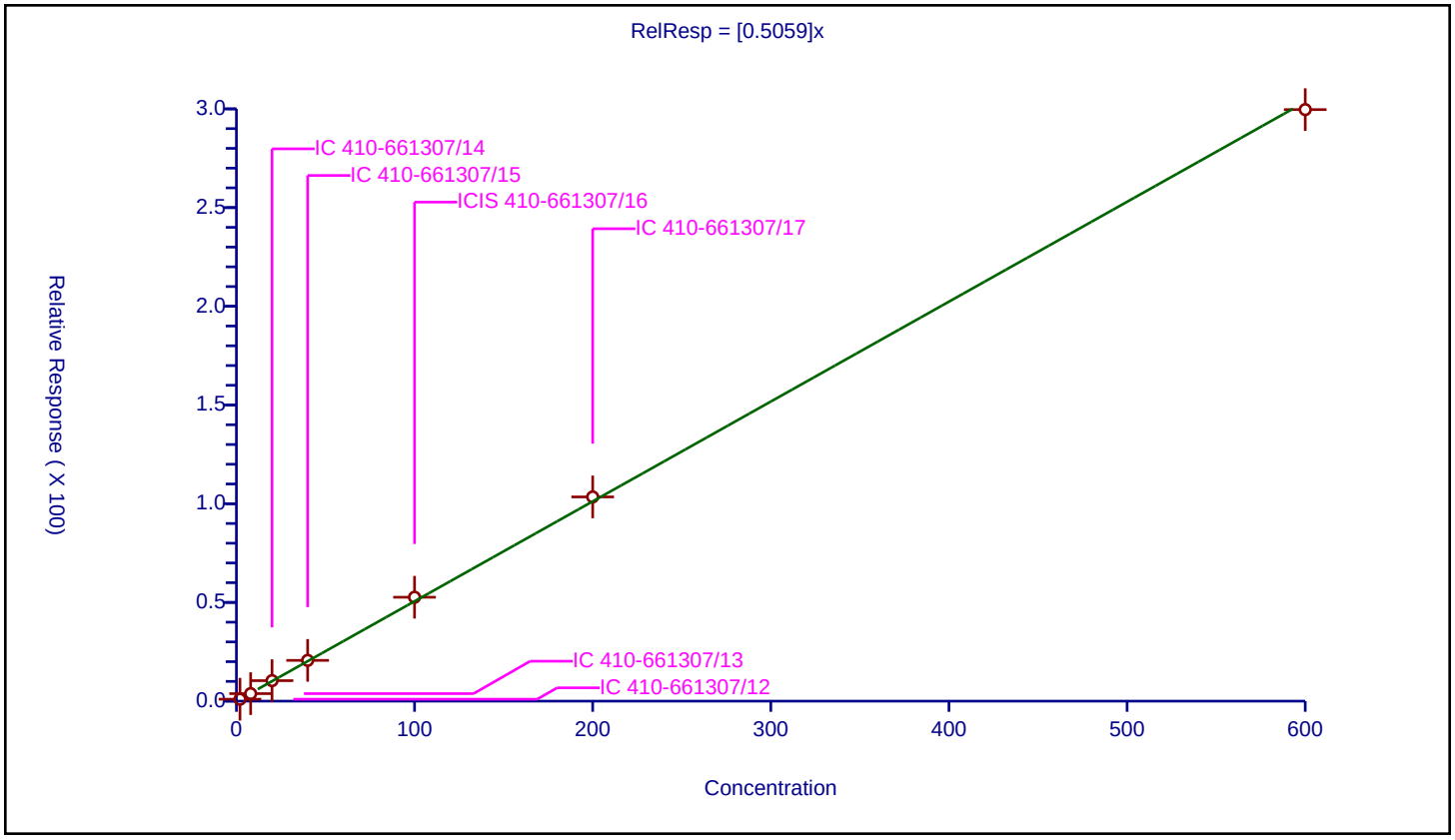
Curve Coefficients

Intercept:	0
Slope:	0.5059

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.0	0.972388	50.0	939903.0	0.486194	Y
2	IC 410-661307/13	8.0	3.810536	50.0	926930.0	0.476317	Y
3	IC 410-661307/14	20.0	10.387205	50.0	917990.0	0.51936	Y
4	IC 410-661307/15	40.0	20.646587	50.0	928088.0	0.516165	Y
5	ICIS 410-661307/16	100.0	52.637248	50.0	927463.0	0.526372	Y
6	IC 410-661307/17	200.0	103.448449	50.0	946121.0	0.517242	Y
7	IC 410-661307/18	600.0	299.633806	50.0	976258.0	0.49939	Y



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Calibration / Toluene-d8 (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

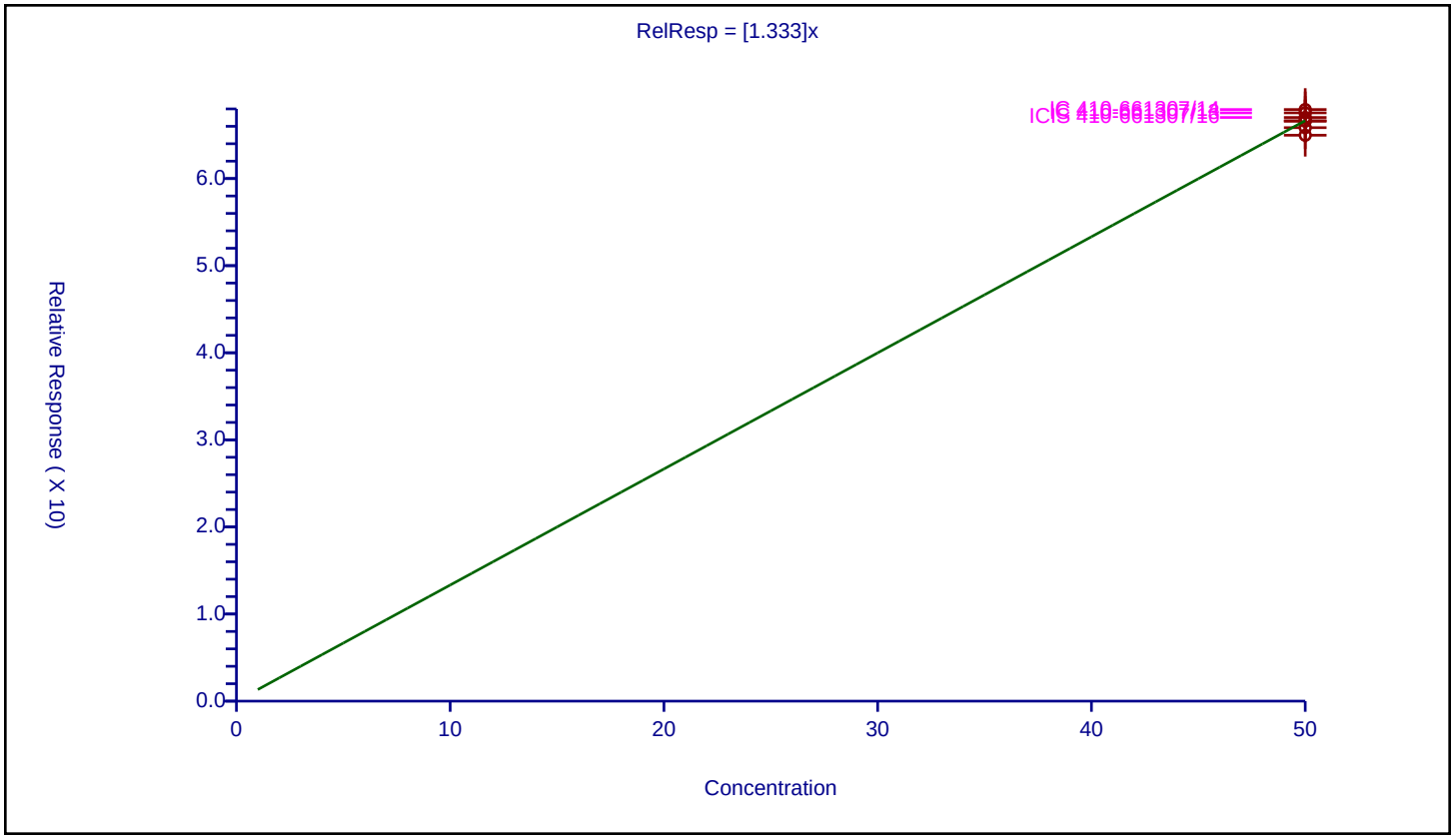
Curve Coefficients

Intercept:	0
Slope:	1.333

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	50.0	66.580878	50.0	665975.0	1.331618	Y
2	IC 410-661307/13	50.0	67.54409	50.0	654568.0	1.350882	Y
3	IC 410-661307/14	50.0	67.926798	50.0	649734.0	1.358536	Y
4	IC 410-661307/15	50.0	66.647009	50.0	673193.0	1.33294	Y
5	ICIS 410-661307/16	50.0	67.014287	50.0	675738.0	1.340286	Y
6	IC 410-661307/17	50.0	65.845427	50.0	704768.0	1.316909	Y
7	IC 410-661307/18	50.0	64.976804	50.0	761551.0	1.299536	Y



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Calibration / Toluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

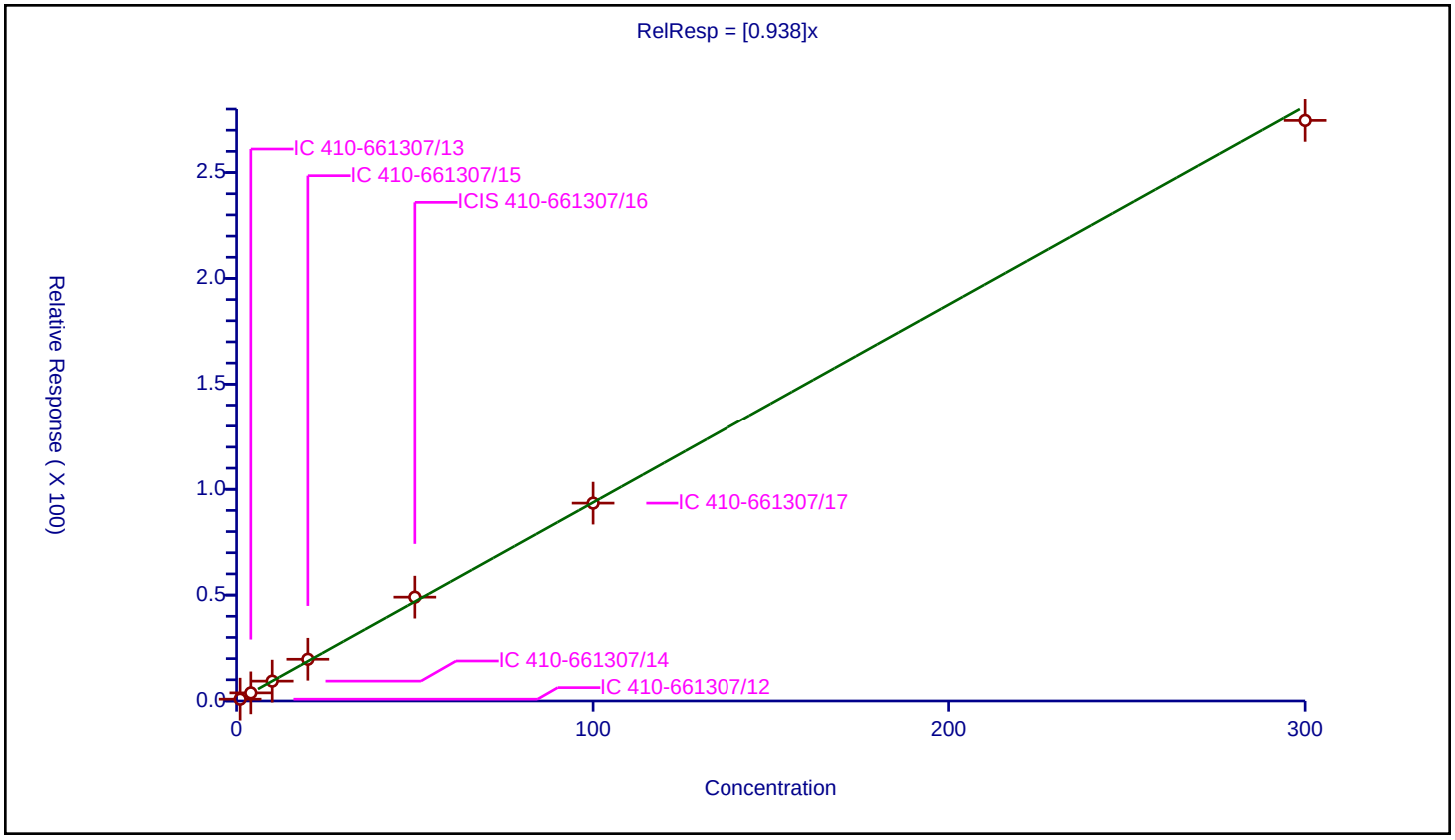
Curve Coefficients

Intercept:	0
Slope:	0.938

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.854612	50.0	665975.0	0.854612	Y
2	IC 410-661307/13	4.0	3.831076	50.0	654568.0	0.957769	Y
3	IC 410-661307/14	10.0	9.379223	50.0	649734.0	0.937922	Y
4	IC 410-661307/15	20.0	19.701334	50.0	673193.0	0.985067	Y
5	ICIS 410-661307/16	50.0	49.020256	50.0	675738.0	0.980405	Y
6	IC 410-661307/17	100.0	93.447276	50.0	704768.0	0.934473	Y
7	IC 410-661307/18	300.0	274.635514	50.0	761551.0	0.915452	Y



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Calibration / trans-1,3-Dichloropropene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

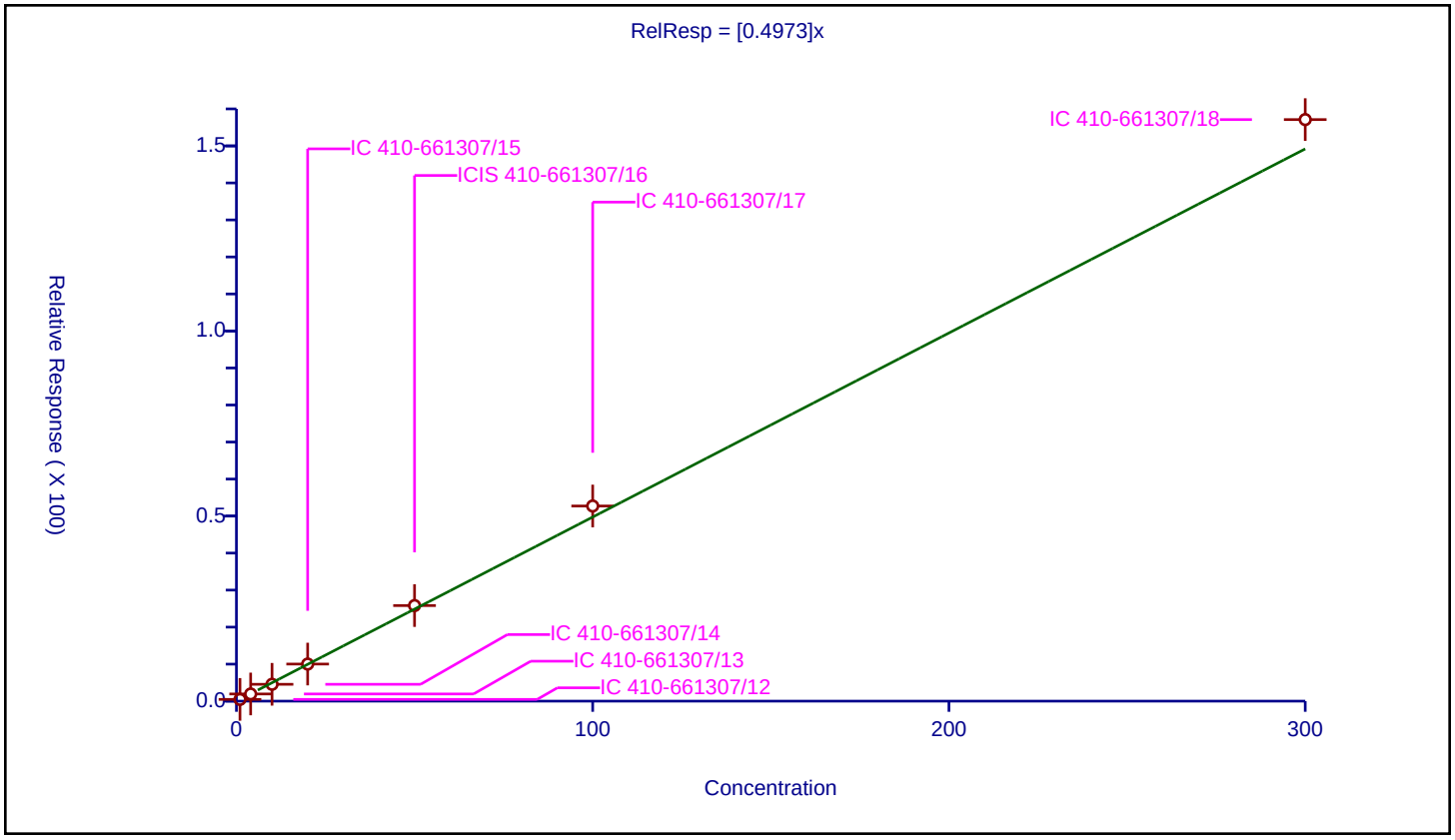
Curve Coefficients

Intercept:	0
Slope:	0.4973

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.473366	50.0	665975.0	0.473366	Y
2	IC 410-661307/13	4.0	1.937614	50.0	654568.0	0.484403	Y
3	IC 410-661307/14	10.0	4.551709	50.0	649734.0	0.455171	Y
4	IC 410-661307/15	20.0	10.020232	50.0	673193.0	0.501012	Y
5	ICIS 410-661307/16	50.0	25.817477	50.0	675738.0	0.51635	Y
6	IC 410-661307/17	100.0	52.718909	50.0	704768.0	0.527189	Y
7	IC 410-661307/18	300.0	157.110883	50.0	761551.0	0.523703	Y



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Calibration / Ethyl methacrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

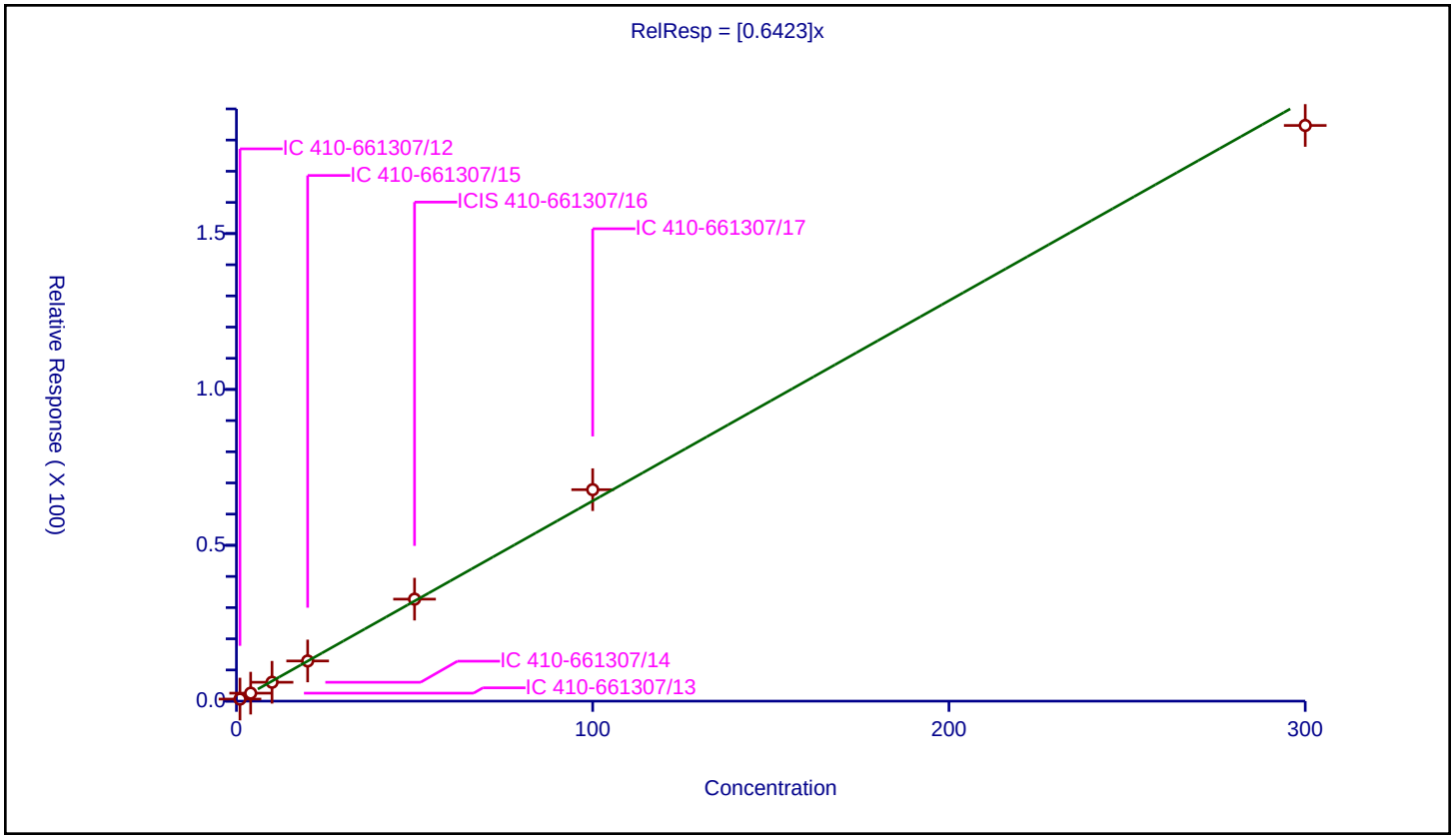
Curve Coefficients

Intercept:	0
Slope:	0.6423

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.658358	50.0	665975.0	0.658358	Y
2	IC 410-661307/13	4.0	2.557106	50.0	654568.0	0.639277	Y
3	IC 410-661307/14	10.0	6.056171	50.0	649734.0	0.605617	Y
4	IC 410-661307/15	20.0	12.893182	50.0	673193.0	0.644659	Y
5	ICIS 410-661307/16	50.0	32.721484	50.0	675738.0	0.65443	Y
6	IC 410-661307/17	100.0	67.840481	50.0	704768.0	0.678405	Y
7	IC 410-661307/18	300.0	184.682444	50.0	761551.0	0.615608	Y



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Calibration / 1,1,2-Trichloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

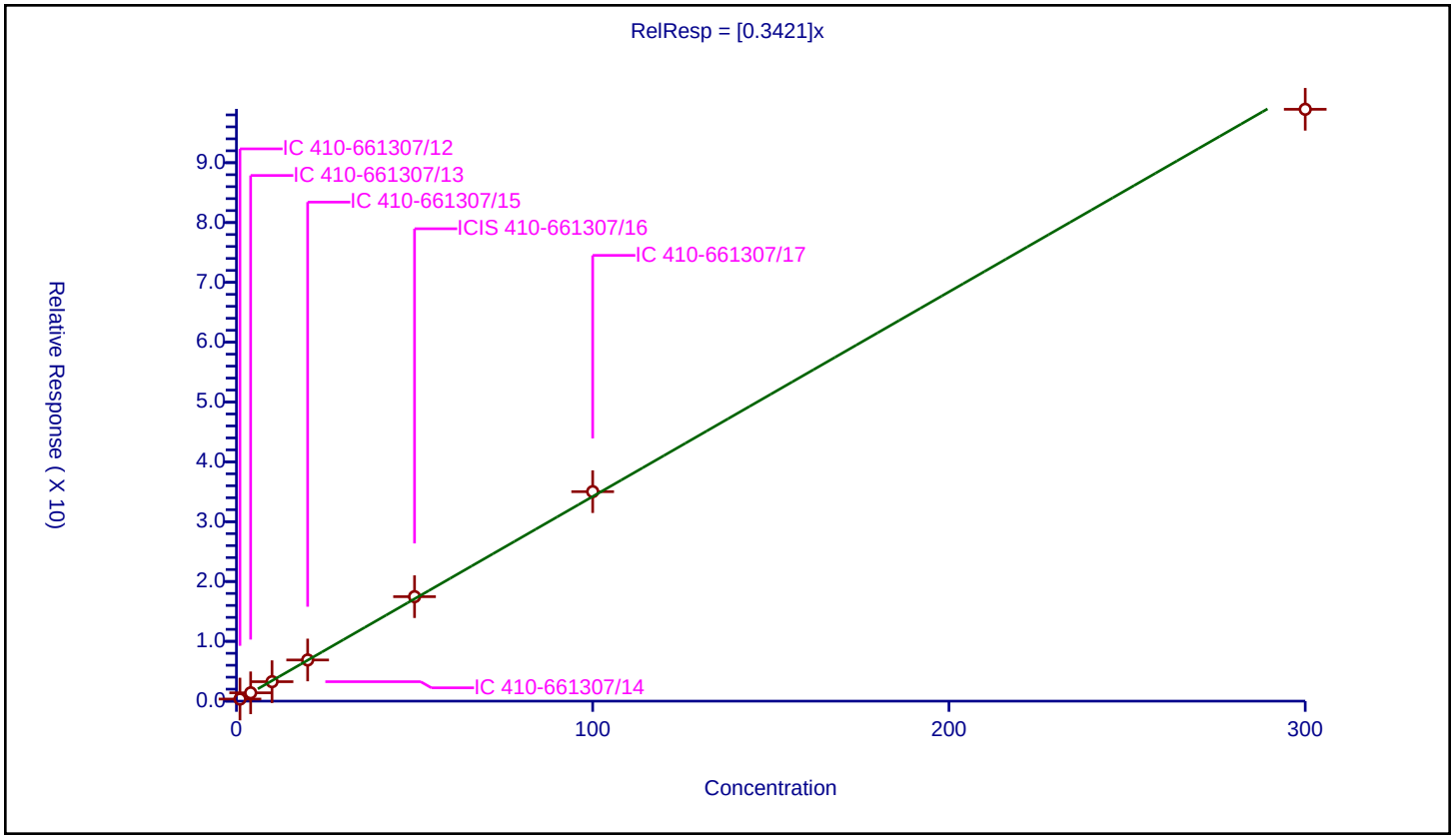
Curve Coefficients

Intercept:	0
Slope:	0.3421

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.347986	50.0	665975.0	0.347986	Y
2	IC 410-661307/13	4.0	1.390917	50.0	654568.0	0.347729	Y
3	IC 410-661307/14	10.0	3.254255	50.0	649734.0	0.325425	Y
4	IC 410-661307/15	20.0	6.882053	50.0	673193.0	0.344103	Y
5	ICIS 410-661307/16	50.0	17.462463	50.0	675738.0	0.349249	Y
6	IC 410-661307/17	100.0	35.020035	50.0	704768.0	0.3502	Y
7	IC 410-661307/18	300.0	98.931654	50.0	761551.0	0.329772	Y



Calibration / Tetrachloroethene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

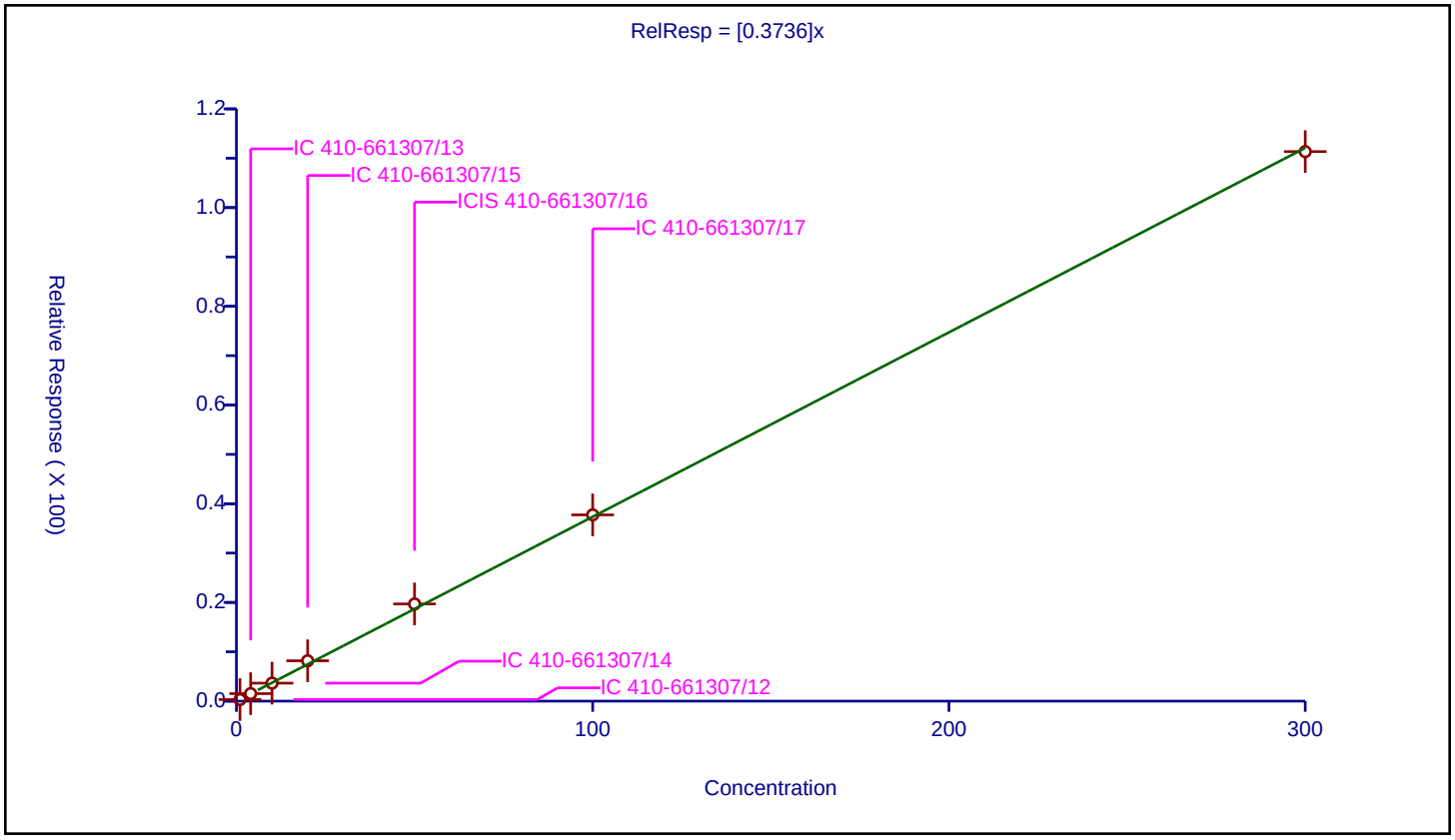
Curve Coefficients

Intercept:	0
Slope:	0.3736

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.318931	50.0	665975.0	0.318931	Y
2	IC 410-661307/13	4.0	1.522302	50.0	654568.0	0.380575	Y
3	IC 410-661307/14	10.0	3.645184	50.0	649734.0	0.364518	Y
4	IC 410-661307/15	20.0	8.177818	50.0	673193.0	0.408891	Y
5	ICIS 410-661307/16	50.0	19.690324	50.0	675738.0	0.393806	Y
6	IC 410-661307/17	100.0	37.741001	50.0	704768.0	0.37741	Y
7	IC 410-661307/18	300.0	111.348025	50.0	761551.0	0.37116	Y



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Calibration / 1,3-Dichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

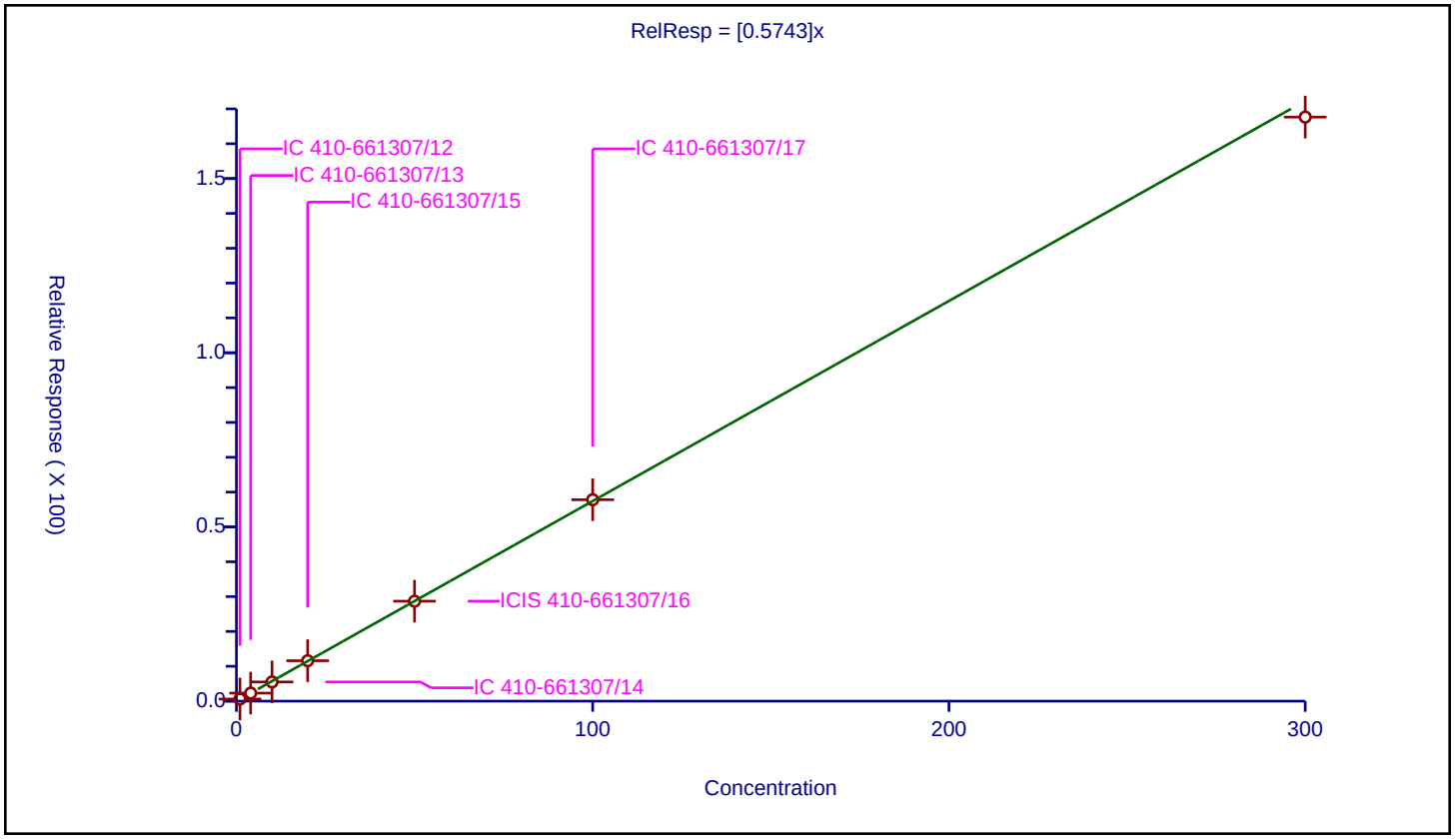
Curve Coefficients

Intercept:	0
Slope:	0.5743

Error Coefficients

Relative Standard Deviation:	2.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.601749	50.0	665975.0	0.601749	Y
2	IC 410-661307/13	4.0	2.308545	50.0	654568.0	0.577136	Y
3	IC 410-661307/14	10.0	5.508254	50.0	649734.0	0.550825	Y
4	IC 410-661307/15	20.0	11.598234	50.0	673193.0	0.579912	Y
5	ICIS 410-661307/16	50.0	28.687228	50.0	675738.0	0.573745	Y
6	IC 410-661307/17	100.0	57.816402	50.0	704768.0	0.578164	Y
7	IC 410-661307/18	300.0	167.648851	50.0	761551.0	0.55883	Y



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Calibration / 2-Hexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

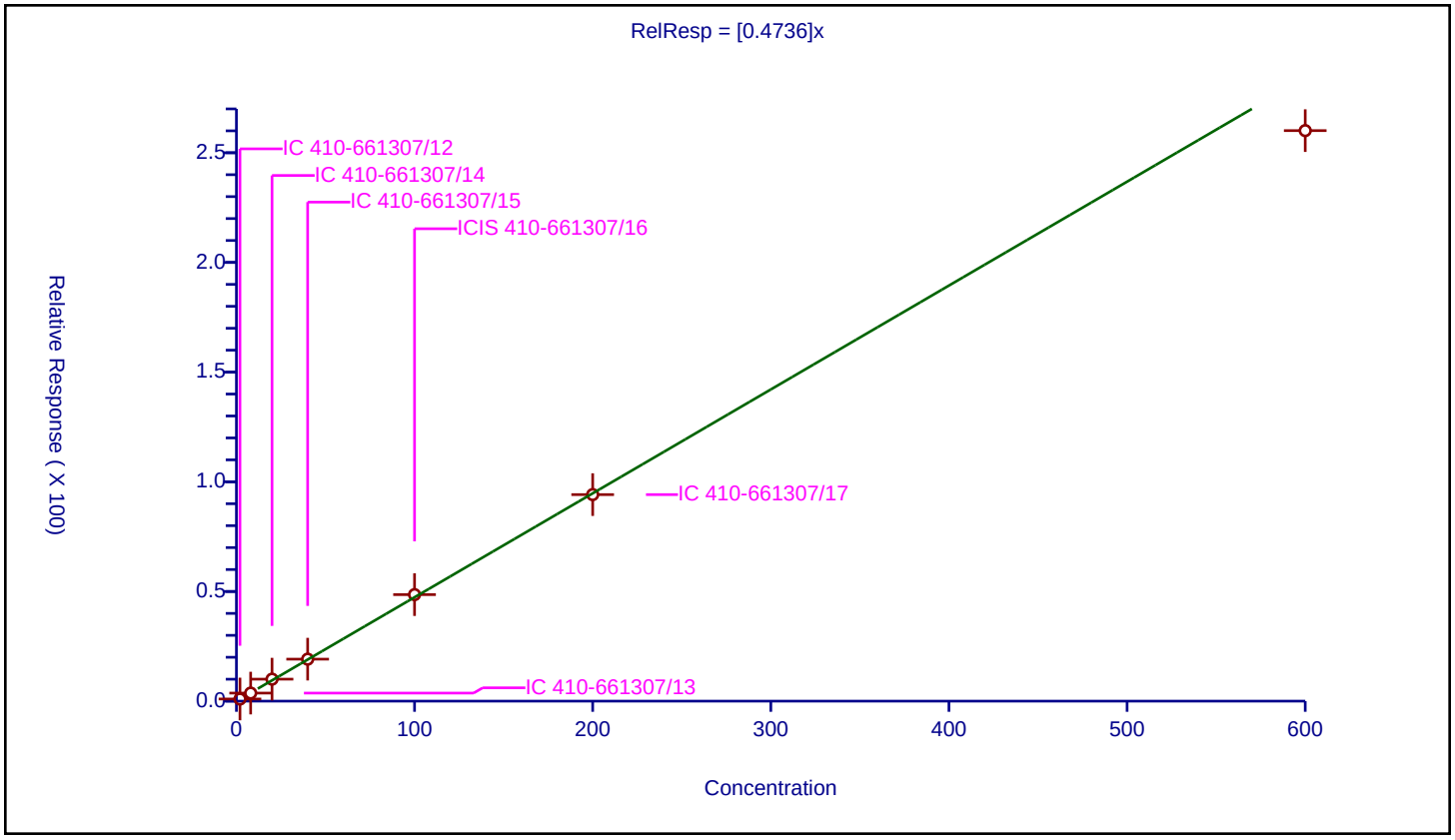
Curve Coefficients

Intercept:	0
Slope:	0.4736

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.0	0.971883	50.0	665975.0	0.485942	Y
2	IC 410-661307/13	8.0	3.677616	50.0	654568.0	0.459702	Y
3	IC 410-661307/14	20.0	10.028719	50.0	649734.0	0.501436	Y
4	IC 410-661307/15	40.0	19.141613	50.0	673193.0	0.47854	Y
5	ICIS 410-661307/16	100.0	48.557429	50.0	675738.0	0.485574	Y
6	IC 410-661307/17	200.0	94.156162	50.0	704768.0	0.470781	Y
7	IC 410-661307/18	600.0	260.096894	50.0	761551.0	0.433495	Y



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Calibration / Chlorodibromomethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

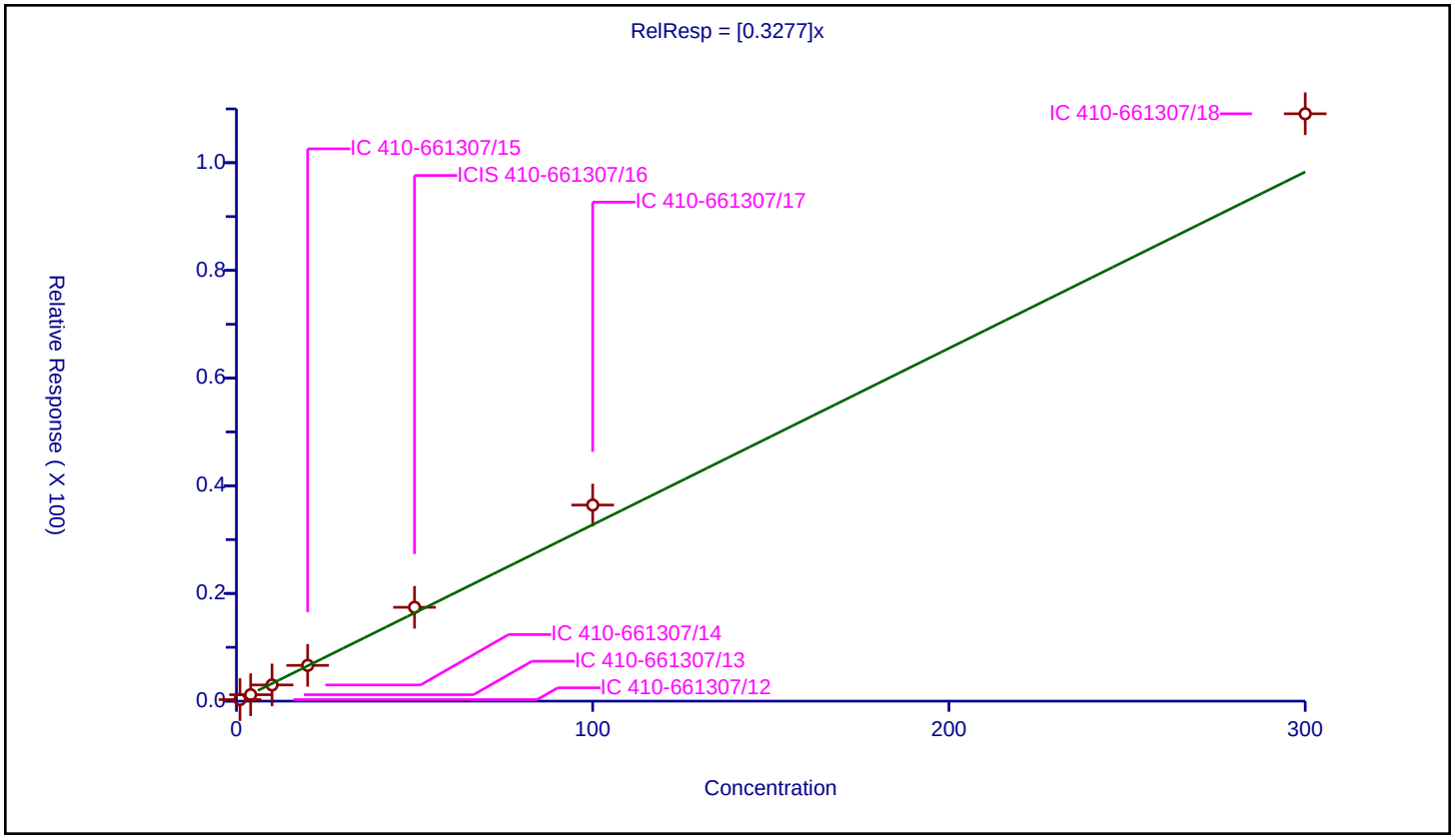
Curve Coefficients

Intercept:	0
Slope:	0.3277

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.285596	50.0	665975.0	0.285596	Y
2	IC 410-661307/13	4.0	1.196056	50.0	654568.0	0.299014	Y
3	IC 410-661307/14	10.0	3.006769	50.0	649734.0	0.300677	Y
4	IC 410-661307/15	20.0	6.639404	50.0	673193.0	0.33197	Y
5	ICIS 410-661307/16	50.0	17.427686	50.0	675738.0	0.348554	Y
6	IC 410-661307/17	100.0	36.420283	50.0	704768.0	0.364203	Y
7	IC 410-661307/18	300.0	109.09486	50.0	761551.0	0.36365	Y



Calibration / Ethylene Dibromide

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

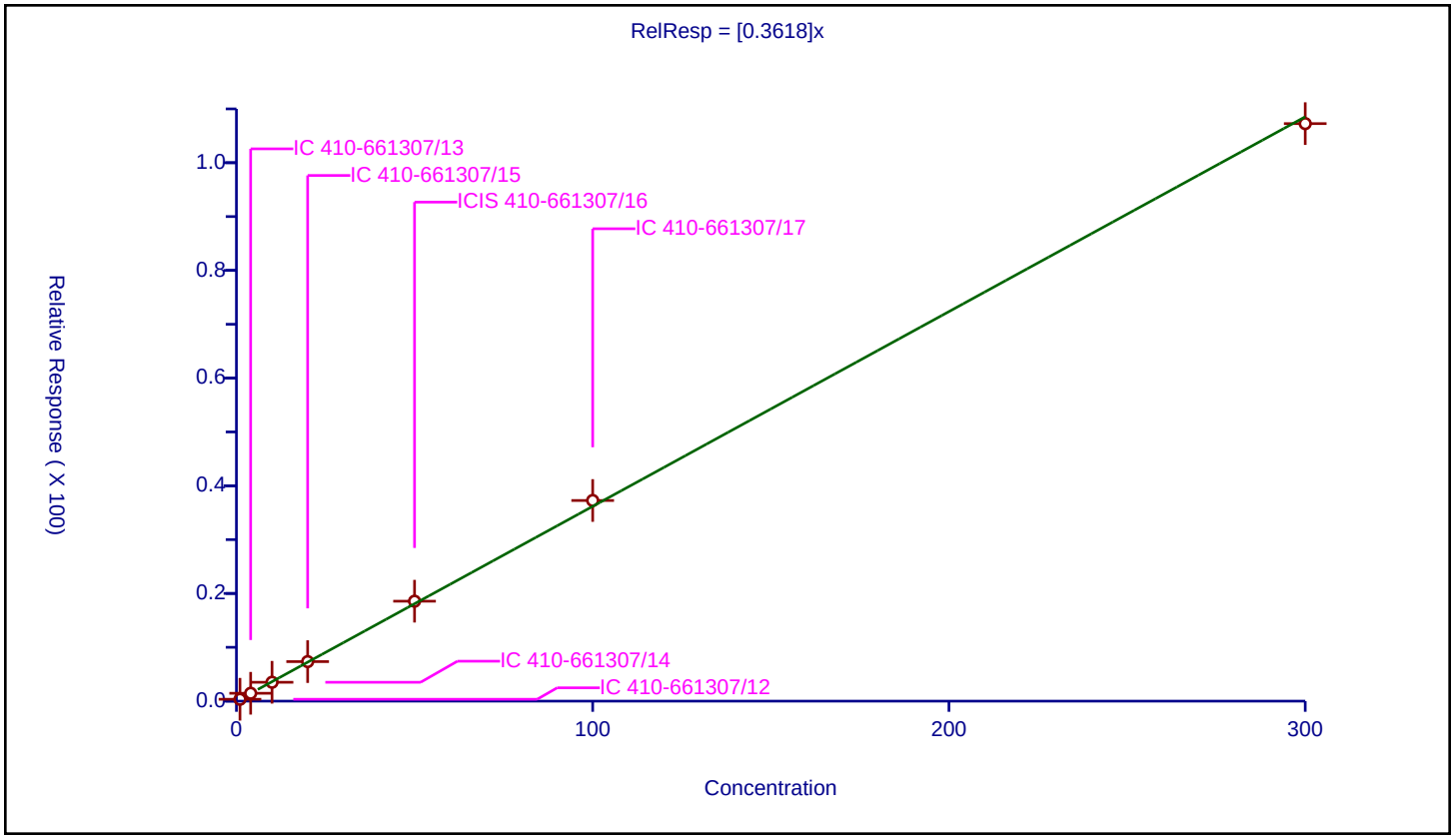
Curve Coefficients

Intercept:	0
Slope:	0.3618

Error Coefficients

Relative Standard Deviation:	2.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.348211	50.0	665975.0	0.348211	Y
2	IC 410-661307/13	4.0	1.460582	50.0	654568.0	0.365145	Y
3	IC 410-661307/14	10.0	3.503665	50.0	649734.0	0.350366	Y
4	IC 410-661307/15	20.0	7.342768	50.0	673193.0	0.367138	Y
5	ICIS 410-661307/16	50.0	18.56511	50.0	675738.0	0.371302	Y
6	IC 410-661307/17	100.0	37.265526	50.0	704768.0	0.372655	Y
7	IC 410-661307/18	300.0	107.264451	50.0	761551.0	0.357548	Y



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Calibration / 1-Chlorohexane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

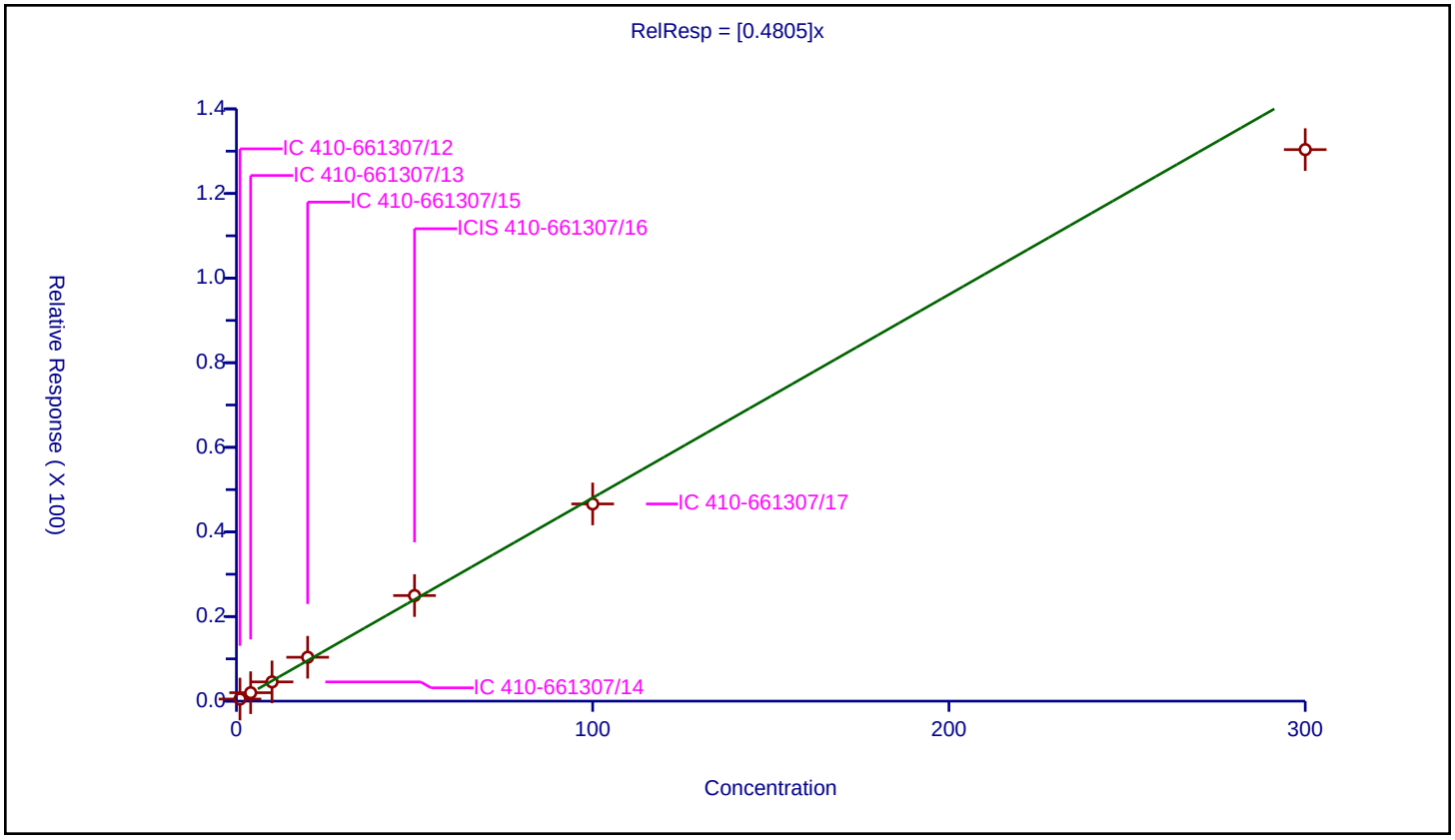
Curve Coefficients

Intercept:	0
Slope:	0.4805

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.492436	50.0	665975.0	0.492436	Y
2	IC 410-661307/13	4.0	1.992001	50.0	654568.0	0.498	Y
3	IC 410-661307/14	10.0	4.549631	50.0	649734.0	0.454963	Y
4	IC 410-661307/15	20.0	10.369537	50.0	673193.0	0.518477	Y
5	ICIS 410-661307/16	50.0	24.959304	50.0	675738.0	0.499186	Y
6	IC 410-661307/17	100.0	46.619597	50.0	704768.0	0.466196	Y
7	IC 410-661307/18	300.0	130.374066	50.0	761551.0	0.43458	Y



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Calibration / Chlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

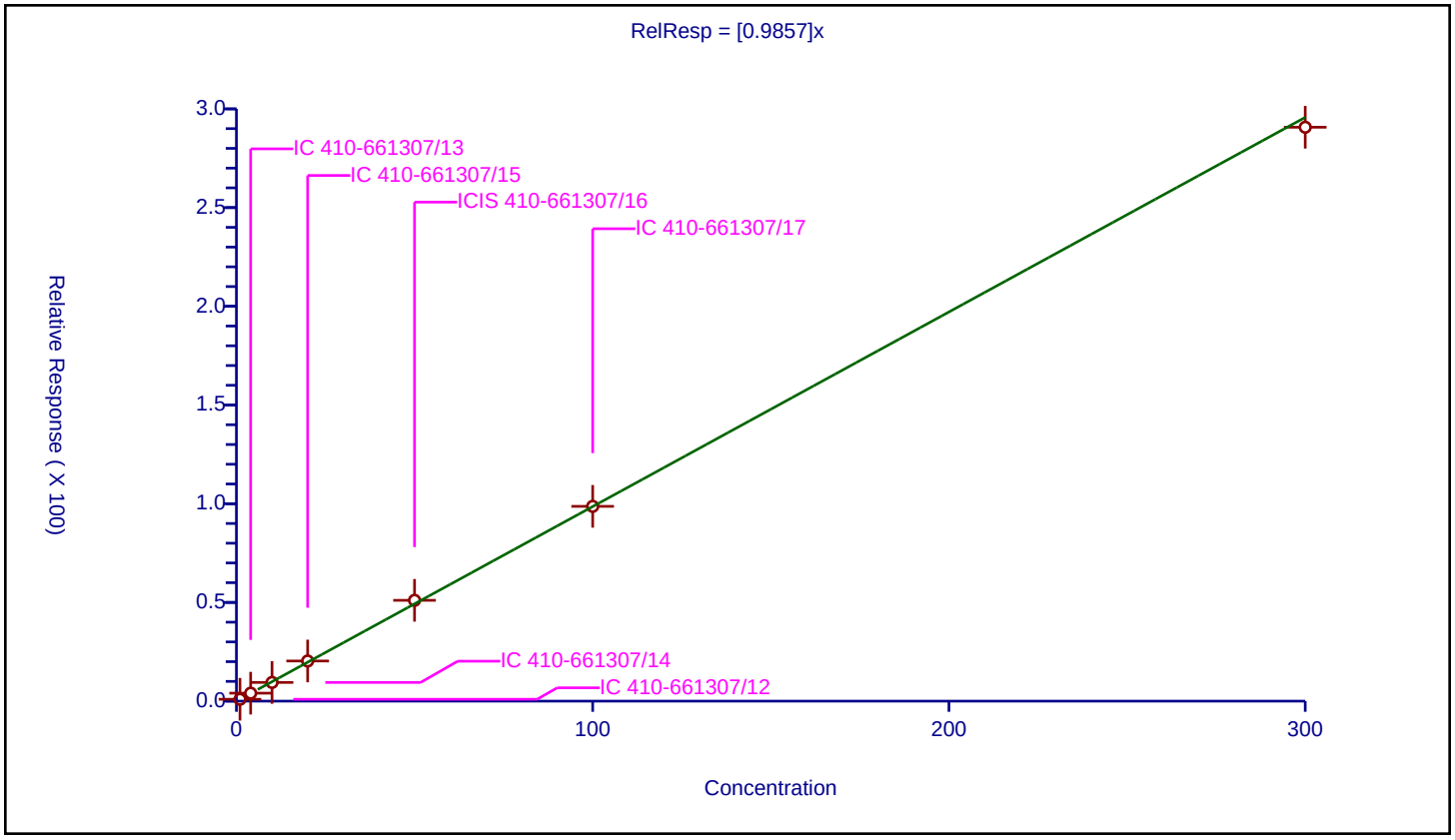
Curve Coefficients

Intercept:	0
Slope:	0.9857

Error Coefficients

Relative Standard Deviation:	3.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.949886	50.0	665975.0	0.949886	Y
2	IC 410-661307/13	4.0	4.034417	50.0	654568.0	1.008604	Y
3	IC 410-661307/14	10.0	9.474108	50.0	649734.0	0.947411	Y
4	IC 410-661307/15	20.0	20.334733	50.0	673193.0	1.016737	Y
5	ICIS 410-661307/16	50.0	51.067056	50.0	675738.0	1.021341	Y
6	IC 410-661307/17	100.0	98.663887	50.0	704768.0	0.986639	Y
7	IC 410-661307/18	300.0	290.702986	50.0	761551.0	0.96901	Y



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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

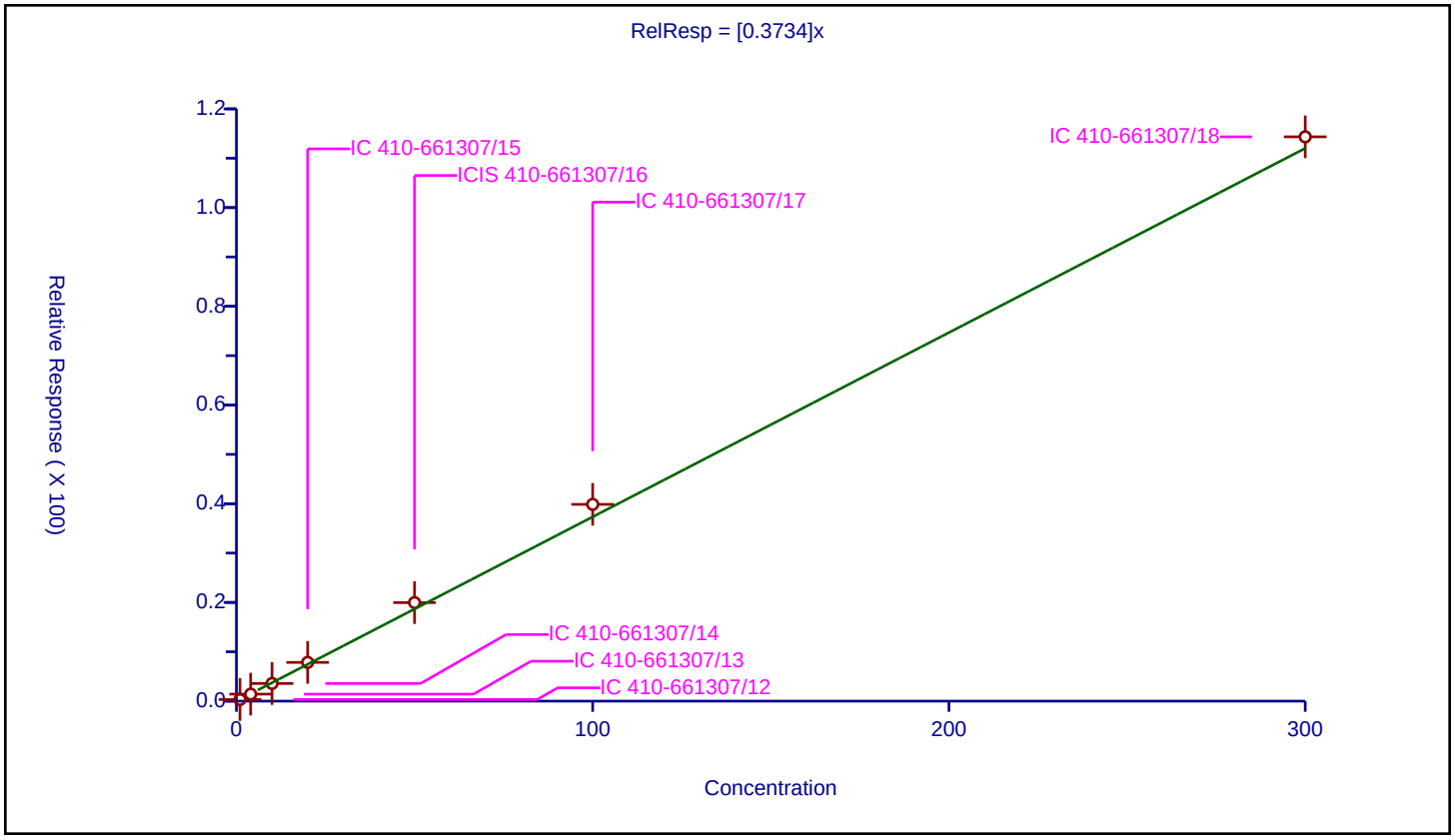
Curve Coefficients

Intercept:	0
Slope:	0.3734

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.328316	50.0	665975.0	0.328316	Y
2	IC 410-661307/13	4.0	1.423687	50.0	654568.0	0.355922	Y
3	IC 410-661307/14	10.0	3.57731	50.0	649734.0	0.357731	Y
4	IC 410-661307/15	20.0	7.851463	50.0	673193.0	0.392573	Y
5	ICIS 410-661307/16	50.0	19.965282	50.0	675738.0	0.399306	Y
6	IC 410-661307/17	100.0	39.871844	50.0	704768.0	0.398718	Y
7	IC 410-661307/18	300.0	114.337582	50.0	761551.0	0.381125	Y



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Calibration / Ethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

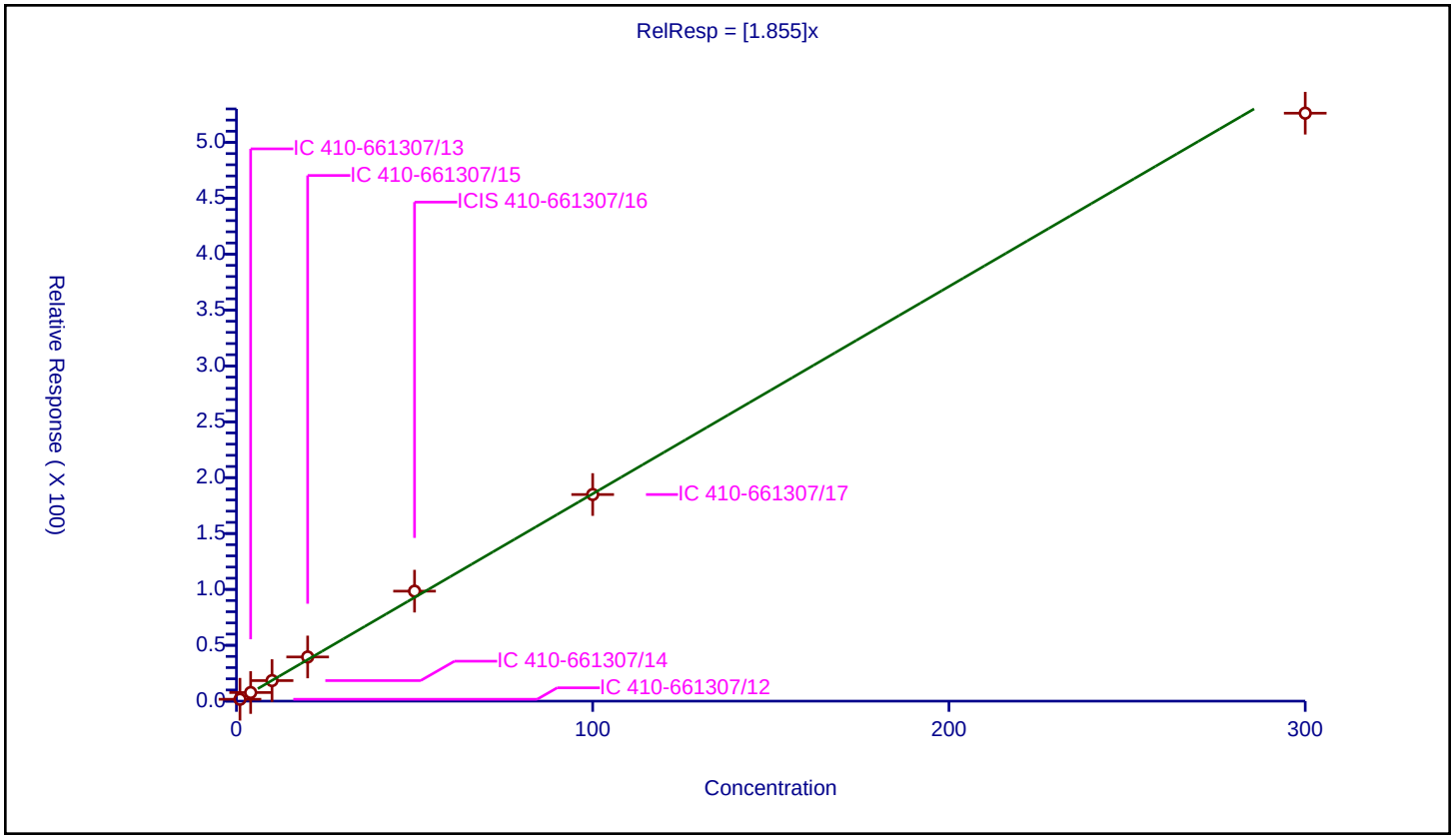
Curve Coefficients

Intercept:	0
Slope:	1.855

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.674537	50.0	665975.0	1.674537	Y
2	IC 410-661307/13	4.0	7.704547	50.0	654568.0	1.926137	Y
3	IC 410-661307/14	10.0	18.393527	50.0	649734.0	1.839353	Y
4	IC 410-661307/15	20.0	39.524624	50.0	673193.0	1.976231	Y
5	ICIS 410-661307/16	50.0	98.417582	50.0	675738.0	1.968352	Y
6	IC 410-661307/17	100.0	184.894958	50.0	704768.0	1.84895	Y
7	IC 410-661307/18	300.0	526.163645	50.0	761551.0	1.753879	Y



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Calibration / m-Xylene & p-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

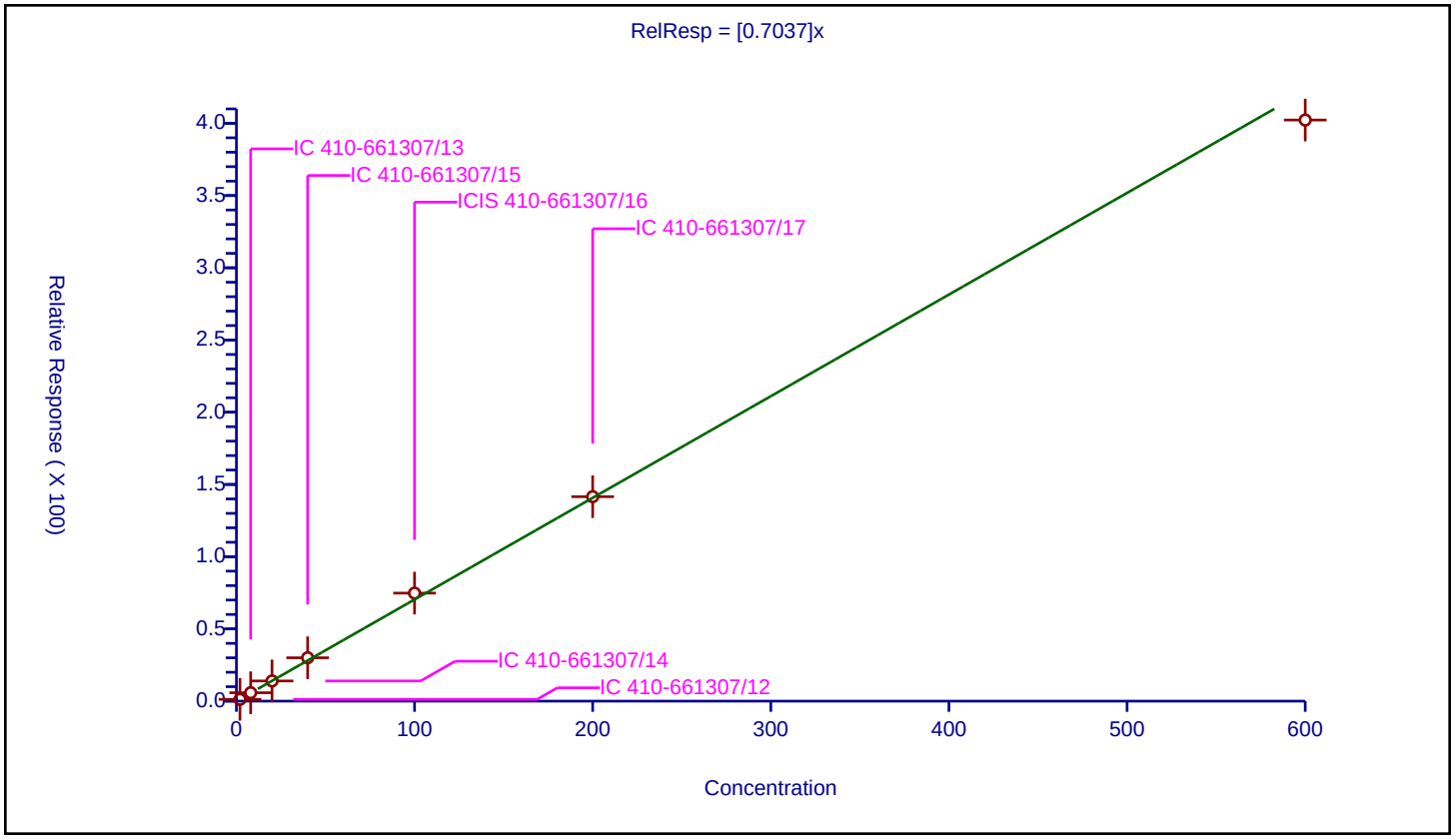
Curve Coefficients

Intercept:	0
Slope:	0.7037

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.0	1.246443	50.0	665975.0	0.623222	Y
2	IC 410-661307/13	8.0	5.818494	50.0	654568.0	0.727312	Y
3	IC 410-661307/14	20.0	13.970025	50.0	649734.0	0.698501	Y
4	IC 410-661307/15	40.0	30.026679	50.0	673193.0	0.750667	Y
5	ICIS 410-661307/16	100.0	74.771879	50.0	675738.0	0.747719	Y
6	IC 410-661307/17	200.0	141.537995	50.0	704768.0	0.70769	Y
7	IC 410-661307/18	600.0	402.300765	50.0	761551.0	0.670501	Y



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Calibration / n-Butyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

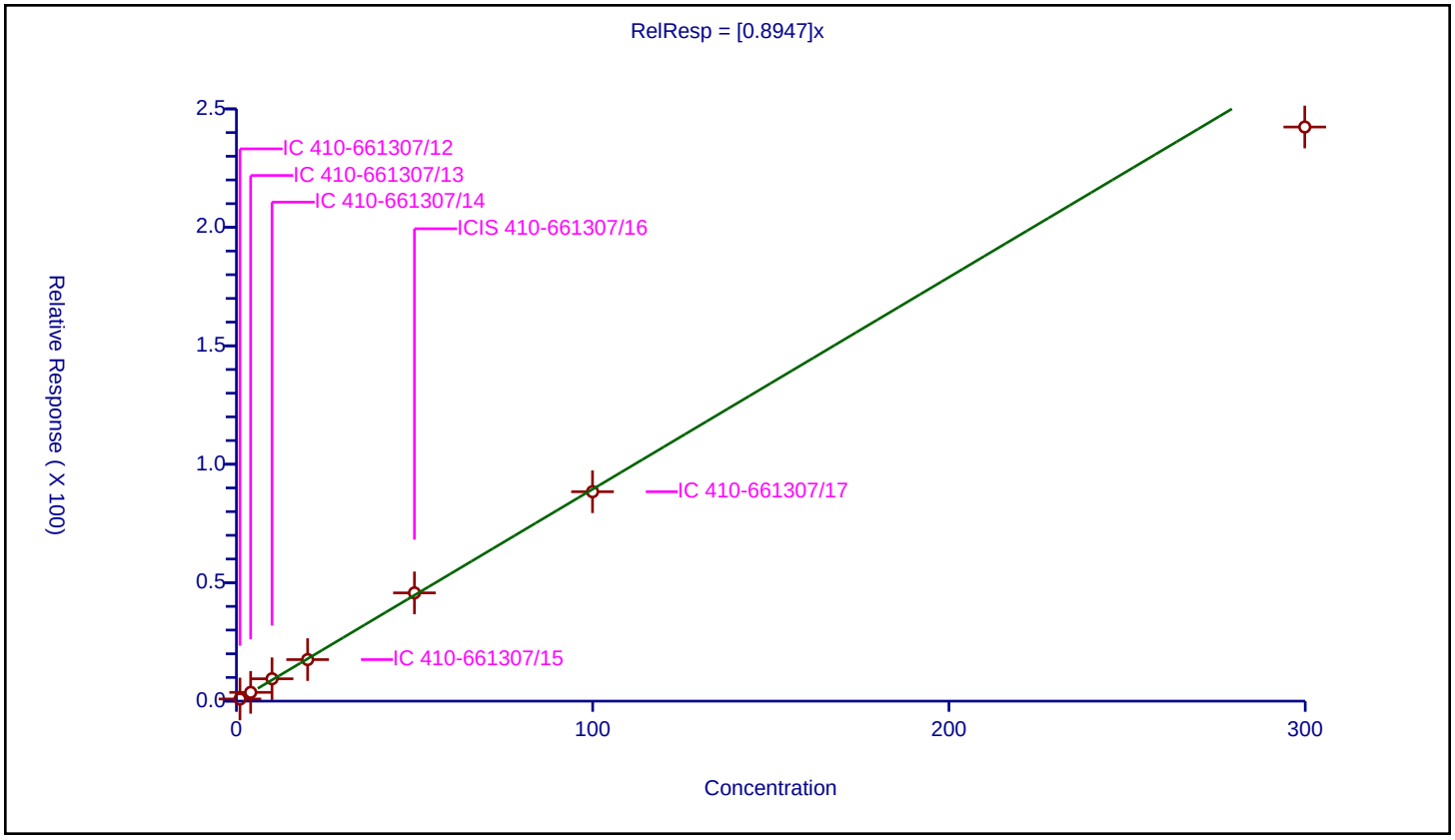
Curve Coefficients

Intercept:	0
Slope:	0.8947

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	0.999582	0.908743	50.0	665975.0	0.909122	Y
2	IC 410-661307/13	3.99833	3.701754	50.0	654568.0	0.925825	Y
3	IC 410-661307/14	9.995824	9.439555	50.0	649734.0	0.94435	Y
4	IC 410-661307/15	19.991648	17.528406	50.0	673193.0	0.876786	Y
5	ICIS 410-661307/16	49.97912	45.697741	50.0	675738.0	0.914337	Y
6	IC 410-661307/17	99.95824	88.399019	50.0	704768.0	0.88436	Y
7	IC 410-661307/18	299.87472	242.354681	50.0	761551.0	0.808186	Y



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Calibration / o-Xylene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

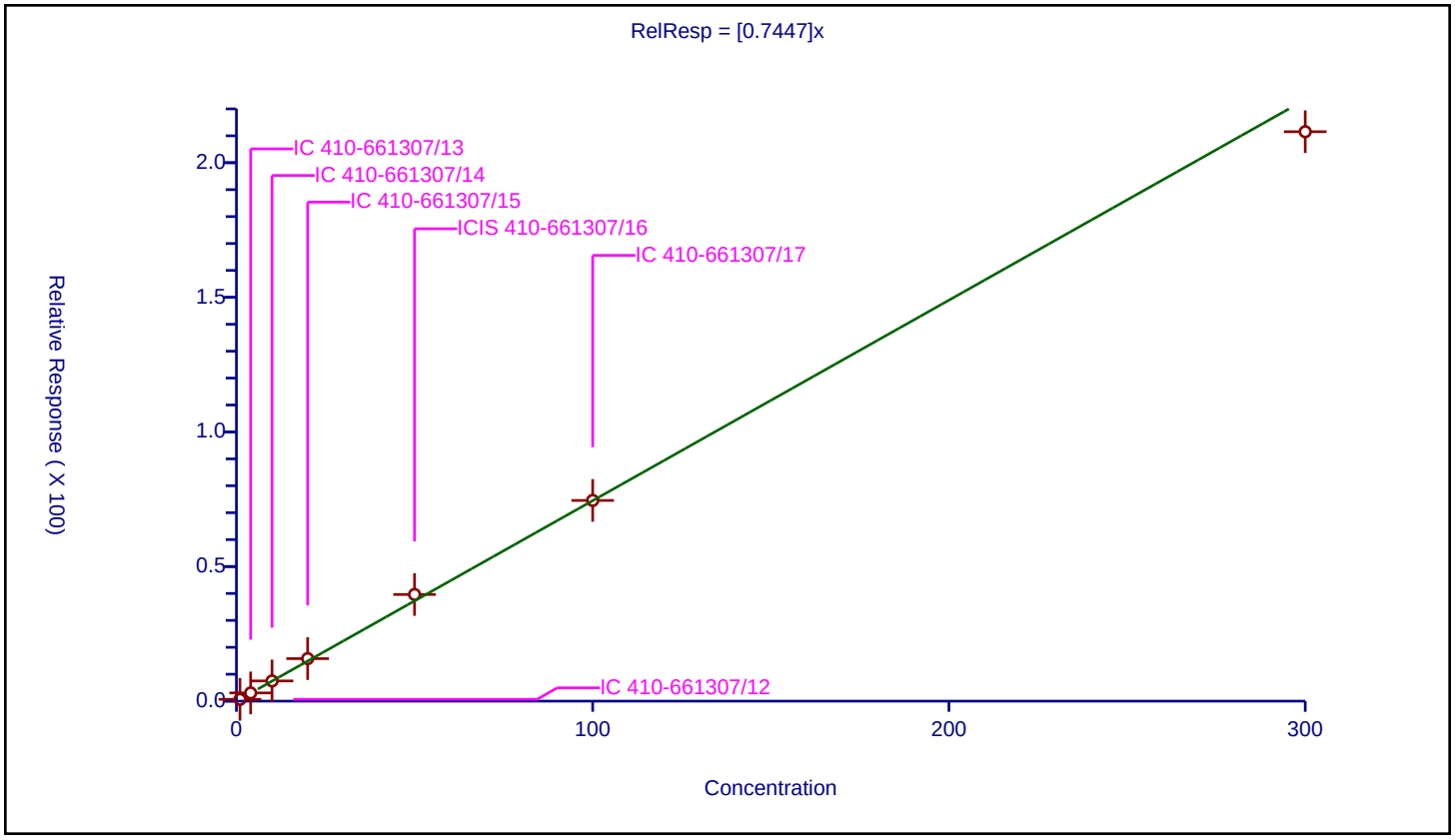
Curve Coefficients

Intercept:	0
Slope:	0.7447

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.667968	50.0	665975.0	0.667968	Y
2	IC 410-661307/13	4.0	3.050562	50.0	654568.0	0.76264	Y
3	IC 410-661307/14	10.0	7.4993	50.0	649734.0	0.74993	Y
4	IC 410-661307/15	20.0	15.793168	50.0	673193.0	0.789658	Y
5	ICIS 410-661307/16	50.0	39.61676	50.0	675738.0	0.792335	Y
6	IC 410-661307/17	100.0	74.551625	50.0	704768.0	0.745516	Y
7	IC 410-661307/18	300.0	211.522866	50.0	761551.0	0.705076	Y



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Calibration / Styrene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

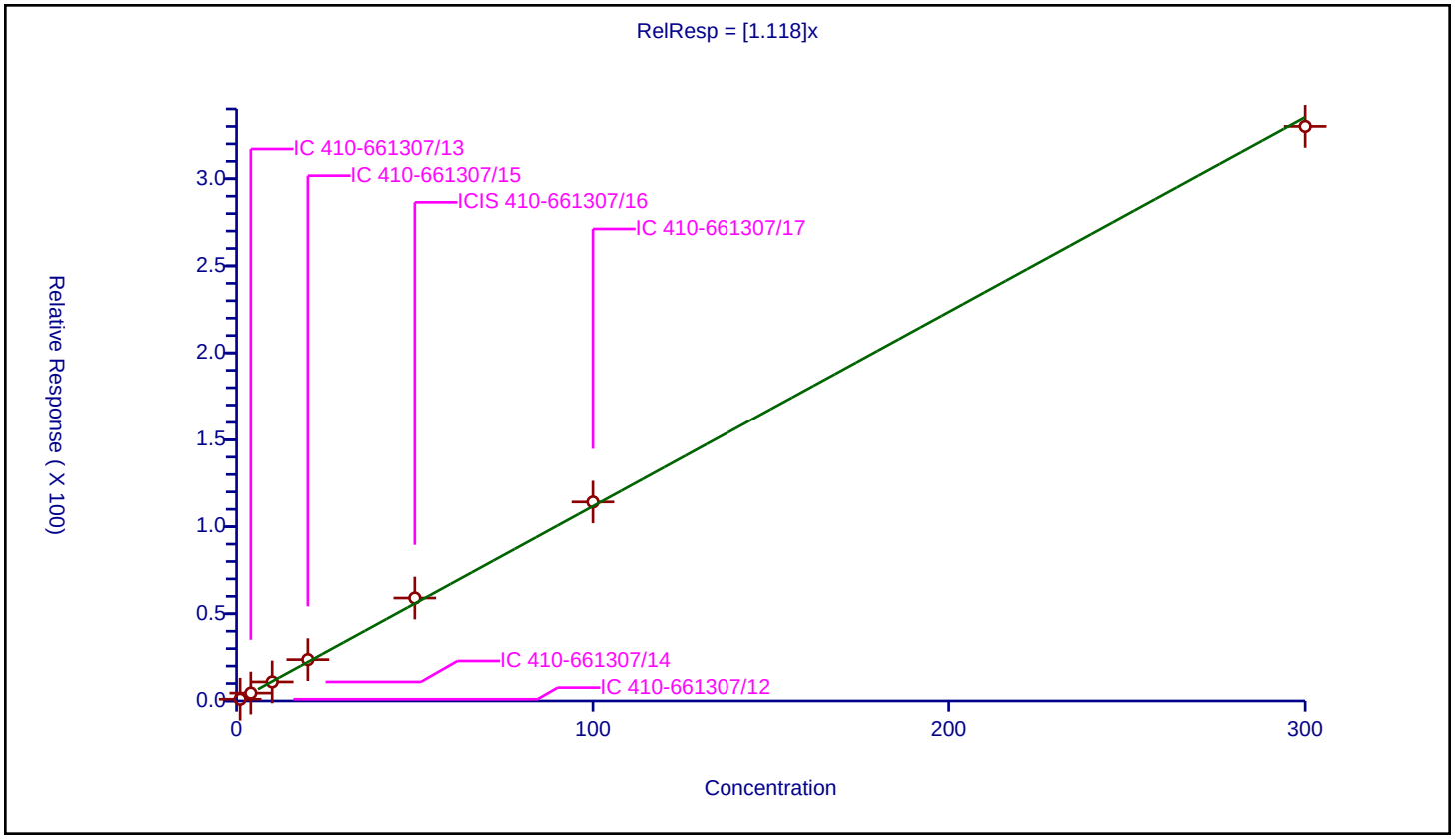
Curve Coefficients

Intercept:	0
Slope:	1.118

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.993055	50.0	665975.0	0.993055	Y
2	IC 410-661307/13	4.0	4.522601	50.0	654568.0	1.13065	Y
3	IC 410-661307/14	10.0	10.915929	50.0	649734.0	1.091593	Y
4	IC 410-661307/15	20.0	23.711996	50.0	673193.0	1.1856	Y
5	ICIS 410-661307/16	50.0	59.037304	50.0	675738.0	1.180746	Y
6	IC 410-661307/17	100.0	114.226526	50.0	704768.0	1.142265	Y
7	IC 410-661307/18	300.0	330.033117	50.0	761551.0	1.10011	Y



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Calibration / Bromoform

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

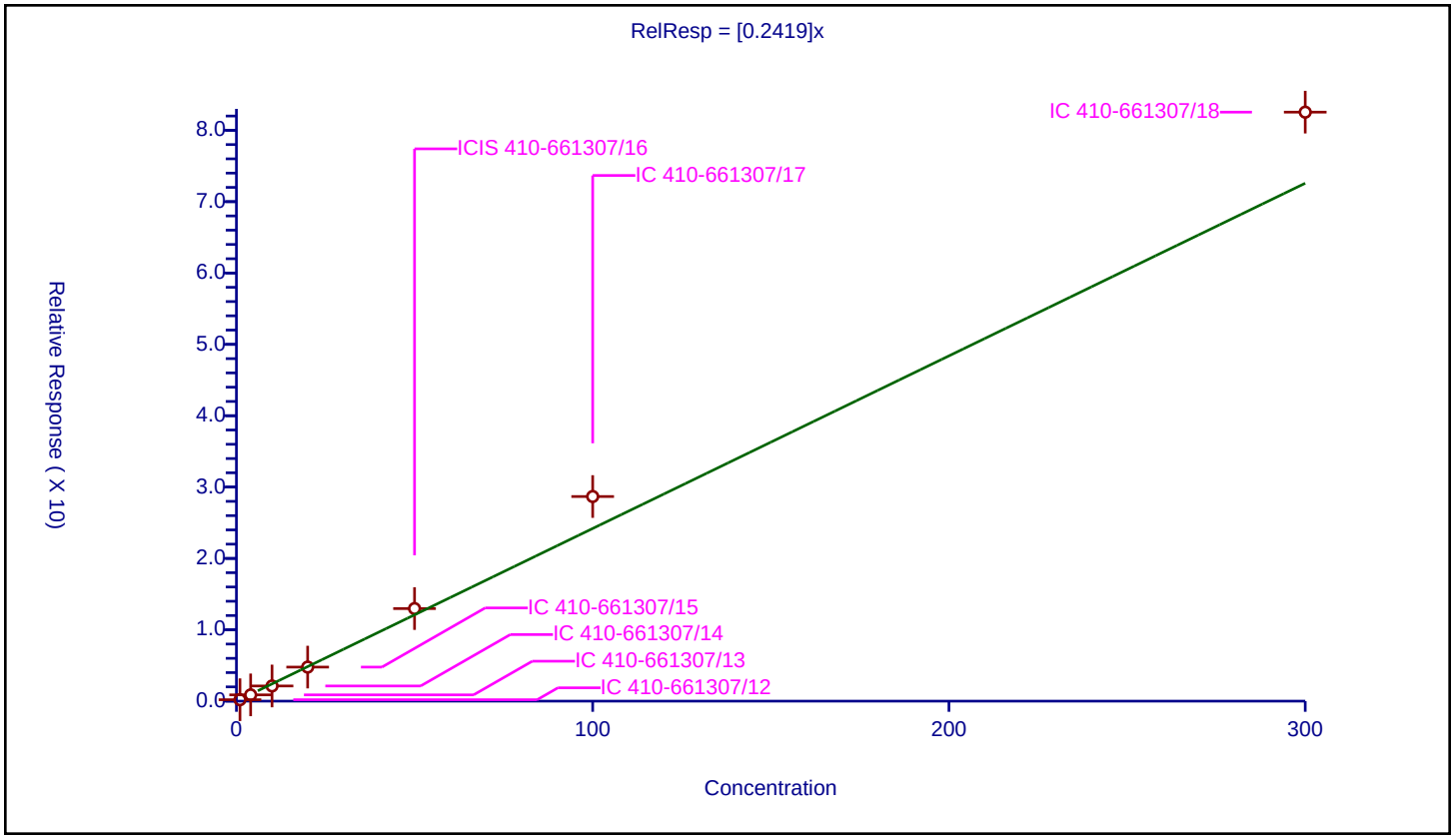
Curve Coefficients

Intercept:	0
Slope:	0.2419

Error Coefficients

Relative Standard Deviation:	13.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.201434	50.0	665975.0	0.201434	Y
2	IC 410-661307/13	4.0	0.878671	50.0	654568.0	0.219668	Y
3	IC 410-661307/14	10.0	2.125485	50.0	649734.0	0.212549	Y
4	IC 410-661307/15	20.0	4.770474	50.0	673193.0	0.238524	Y
5	ICIS 410-661307/16	50.0	12.971743	50.0	675738.0	0.259435	Y
6	IC 410-661307/17	100.0	28.67433	50.0	704768.0	0.286743	Y
7	IC 410-661307/18	300.0	82.542732	50.0	761551.0	0.275142	Y



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Calibration / Isopropylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

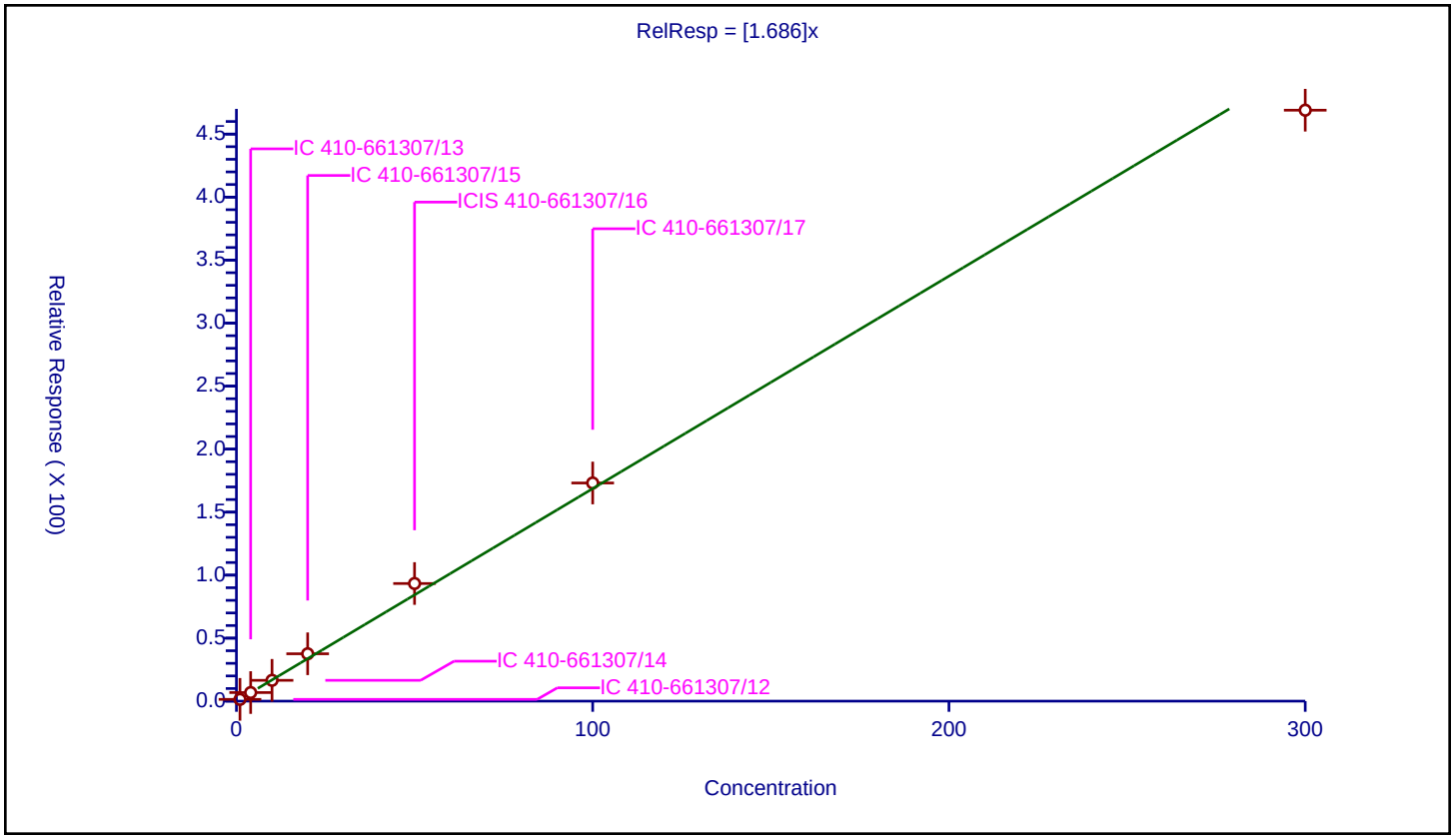
Curve Coefficients

Intercept:	0
Slope:	1.686

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.408687	50.0	665975.0	1.408687	Y
2	IC 410-661307/13	4.0	6.816328	50.0	654568.0	1.704082	Y
3	IC 410-661307/14	10.0	16.51345	50.0	649734.0	1.651345	Y
4	IC 410-661307/15	20.0	37.5887	50.0	673193.0	1.879435	Y
5	ICIS 410-661307/16	50.0	93.355413	50.0	675738.0	1.867108	Y
6	IC 410-661307/17	100.0	173.120729	50.0	704768.0	1.731207	Y
7	IC 410-661307/18	300.0	468.955329	50.0	761551.0	1.563184	Y



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Calibration / Cyclohexanone

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

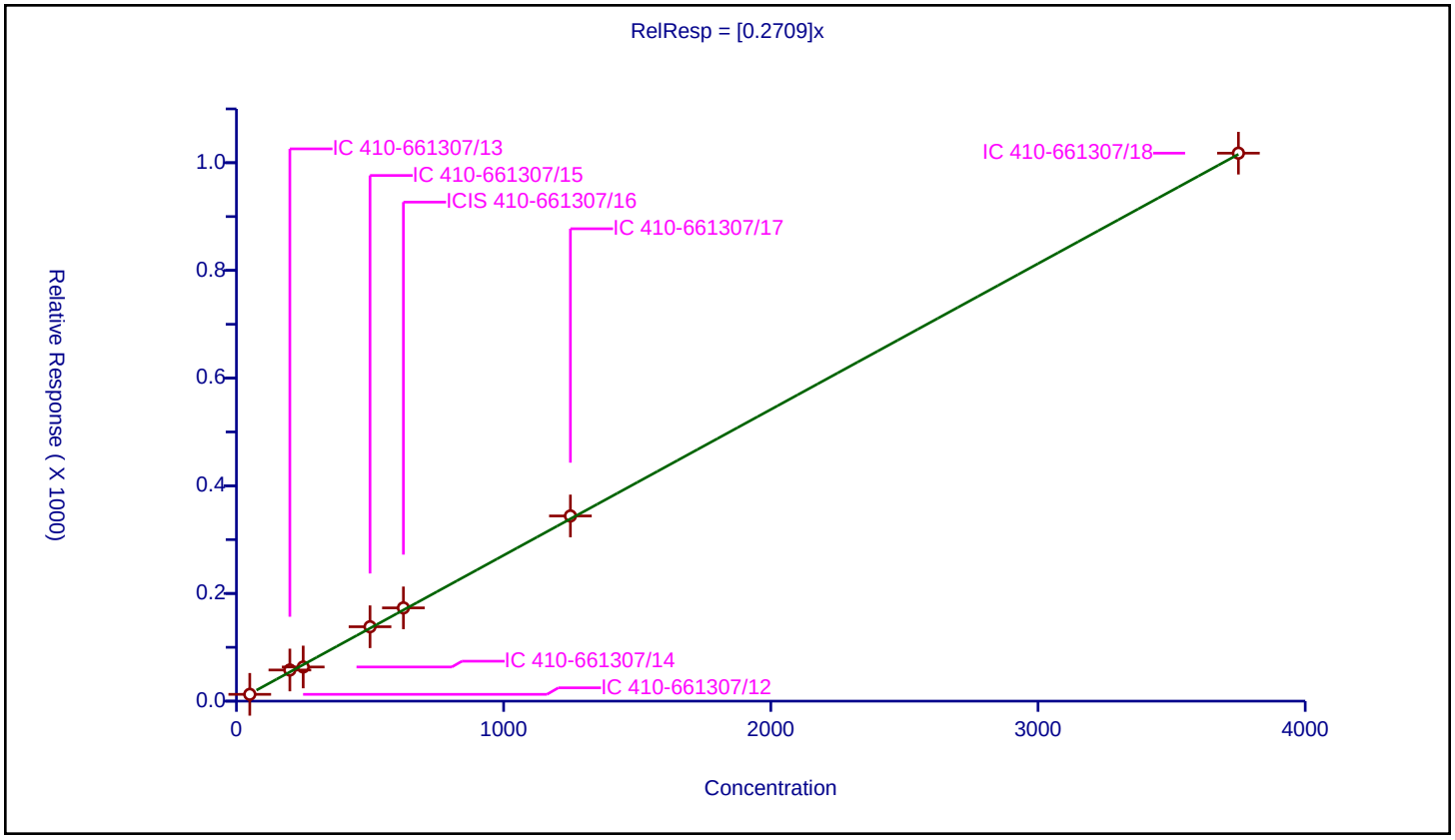
Curve Coefficients

Intercept:	0
Slope:	0.2709

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	50.000933	12.651227	250.0	372039.0	0.25302	Y
2	IC 410-661307/13	200.003731	57.832793	250.0	366587.0	0.289159	Y
3	IC 410-661307/14	250.004664	63.437047	250.0	342899.0	0.253743	Y
4	IC 410-661307/15	500.009328	138.181396	250.0	329489.0	0.276358	Y
5	ICIS 410-661307/16	625.01166	173.201951	250.0	342232.0	0.277118	Y
6	IC 410-661307/17	1250.02332	343.963051	250.0	355842.0	0.275165	Y
7	IC 410-661307/18	3750.06996	1017.783516	250.0	309233.0	0.271404	Y



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Calibration / 4-Bromofluorobenzene (Surr)

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

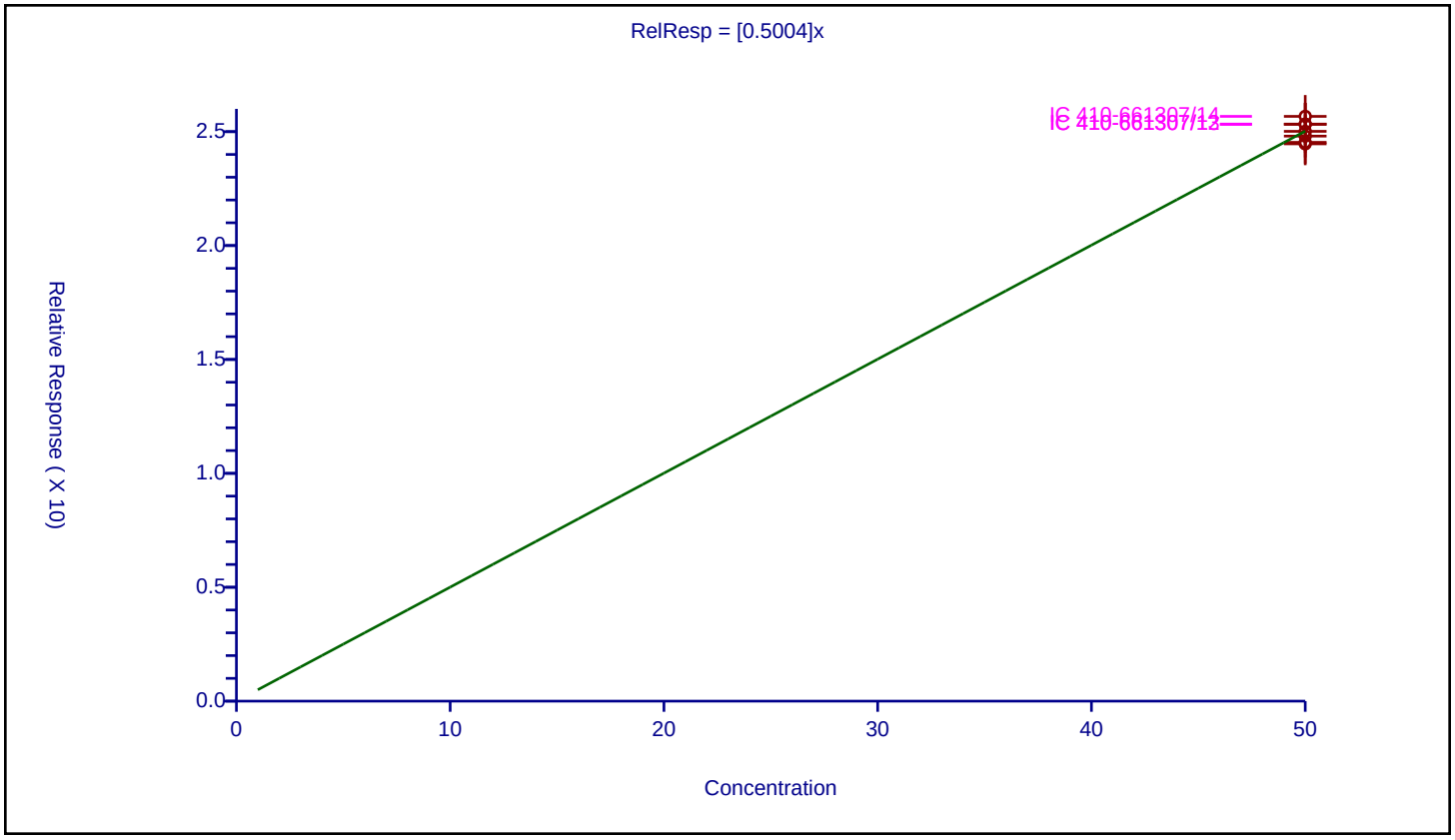
Curve Coefficients

Intercept:	0
Slope:	0.5004

Error Coefficients

Relative Standard Deviation:	1.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	50.0	25.333609	50.0	665975.0	0.506672	Y
2	IC 410-661307/13	50.0	25.322274	50.0	654568.0	0.506445	Y
3	IC 410-661307/14	50.0	25.67189	50.0	649734.0	0.513438	Y
4	IC 410-661307/15	50.0	25.013926	50.0	673193.0	0.500279	Y
5	ICIS 410-661307/16	50.0	24.805472	50.0	675738.0	0.496109	Y
6	IC 410-661307/17	50.0	24.531122	50.0	704768.0	0.490622	Y
7	IC 410-661307/18	50.0	24.465335	50.0	761551.0	0.489307	Y



Calibration / 1,1,2,2-Tetrachloroethane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

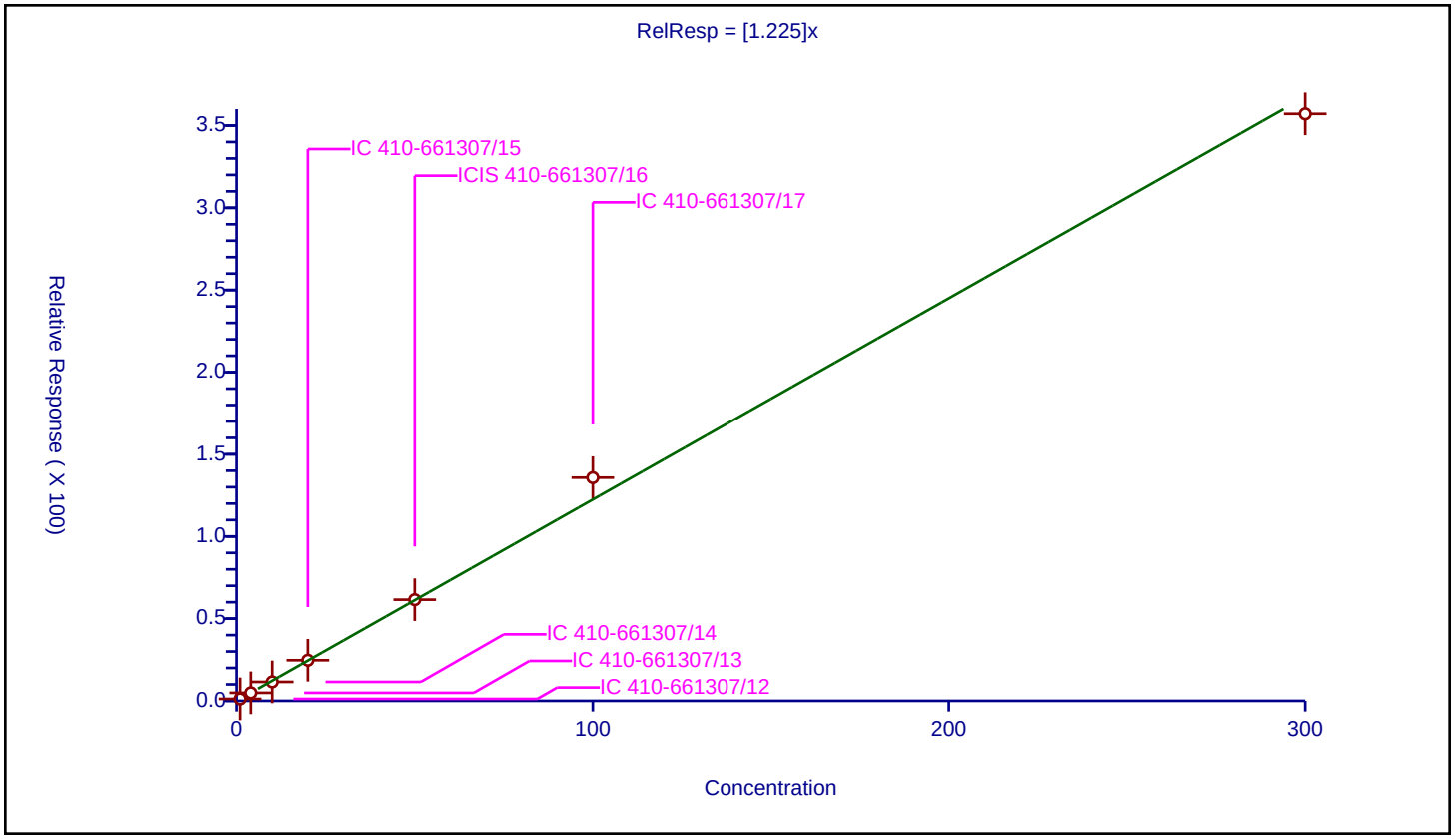
Curve Coefficients

Intercept:	0
Slope:	1.225

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.186684	50.0	379250.0	1.186684	Y
2	IC 410-661307/13	4.0	4.883886	50.0	372306.0	1.220971	Y
3	IC 410-661307/14	10.0	11.51885	50.0	371439.0	1.151885	Y
4	IC 410-661307/15	20.0	24.700025	50.0	373615.0	1.235001	Y
5	ICIS 410-661307/16	50.0	61.547889	50.0	372882.0	1.230958	Y
6	IC 410-661307/17	100.0	135.805375	50.0	373025.0	1.358054	Y
7	IC 410-661307/18	300.0	357.111802	50.0	398598.0	1.190373	Y



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Calibration / Bromobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

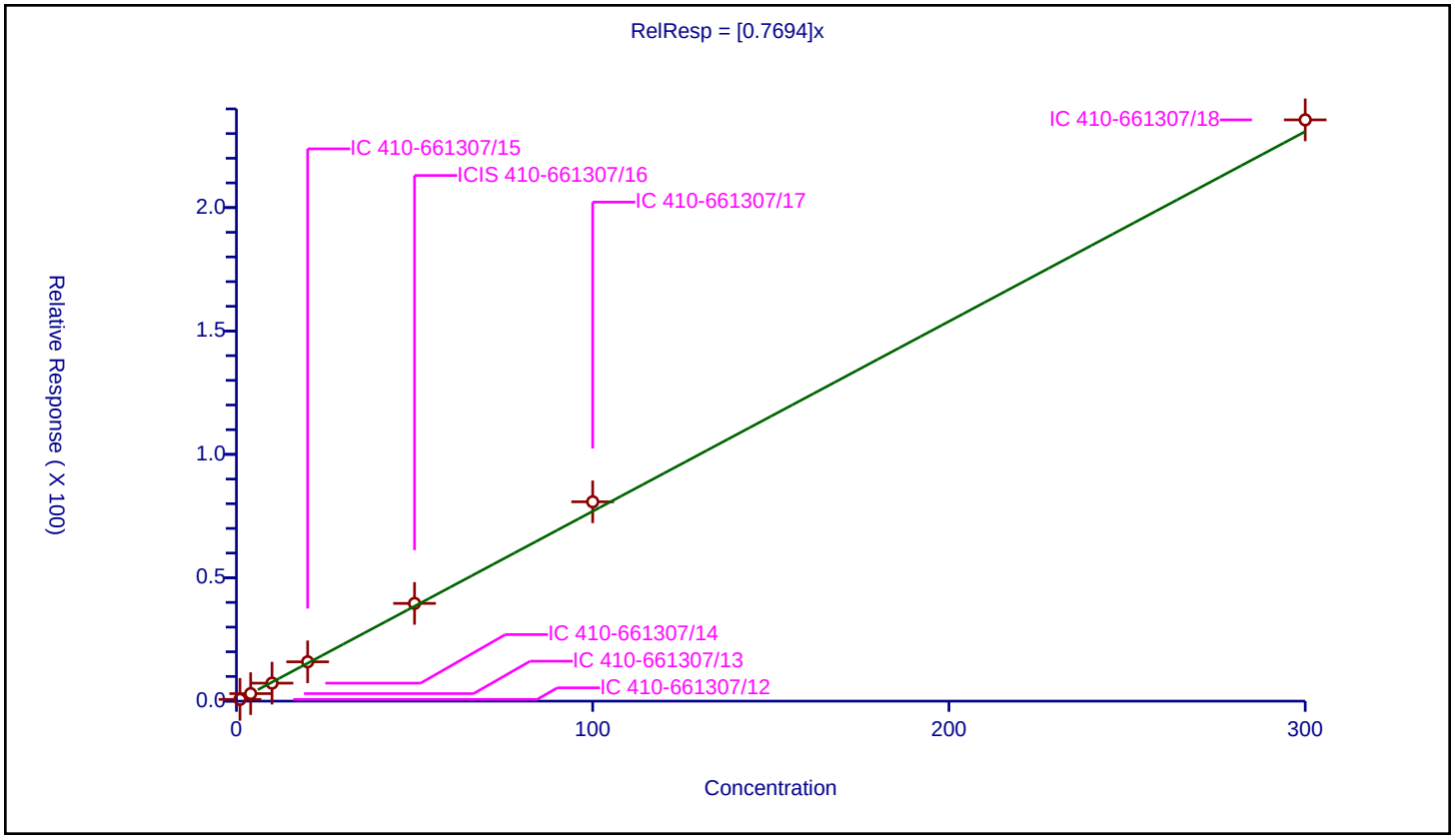
Curve Coefficients

Intercept:	0
Slope:	0.7694

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.710877	50.0	379250.0	0.710877	Y
2	IC 410-661307/13	4.0	3.051656	50.0	372306.0	0.762914	Y
3	IC 410-661307/14	10.0	7.295949	50.0	371439.0	0.729595	Y
4	IC 410-661307/15	20.0	15.941009	50.0	373615.0	0.79705	Y
5	ICIS 410-661307/16	50.0	39.605693	50.0	372882.0	0.792114	Y
6	IC 410-661307/17	100.0	80.785738	50.0	373025.0	0.807857	Y
7	IC 410-661307/18	300.0	235.553866	50.0	398598.0	0.78518	Y



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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

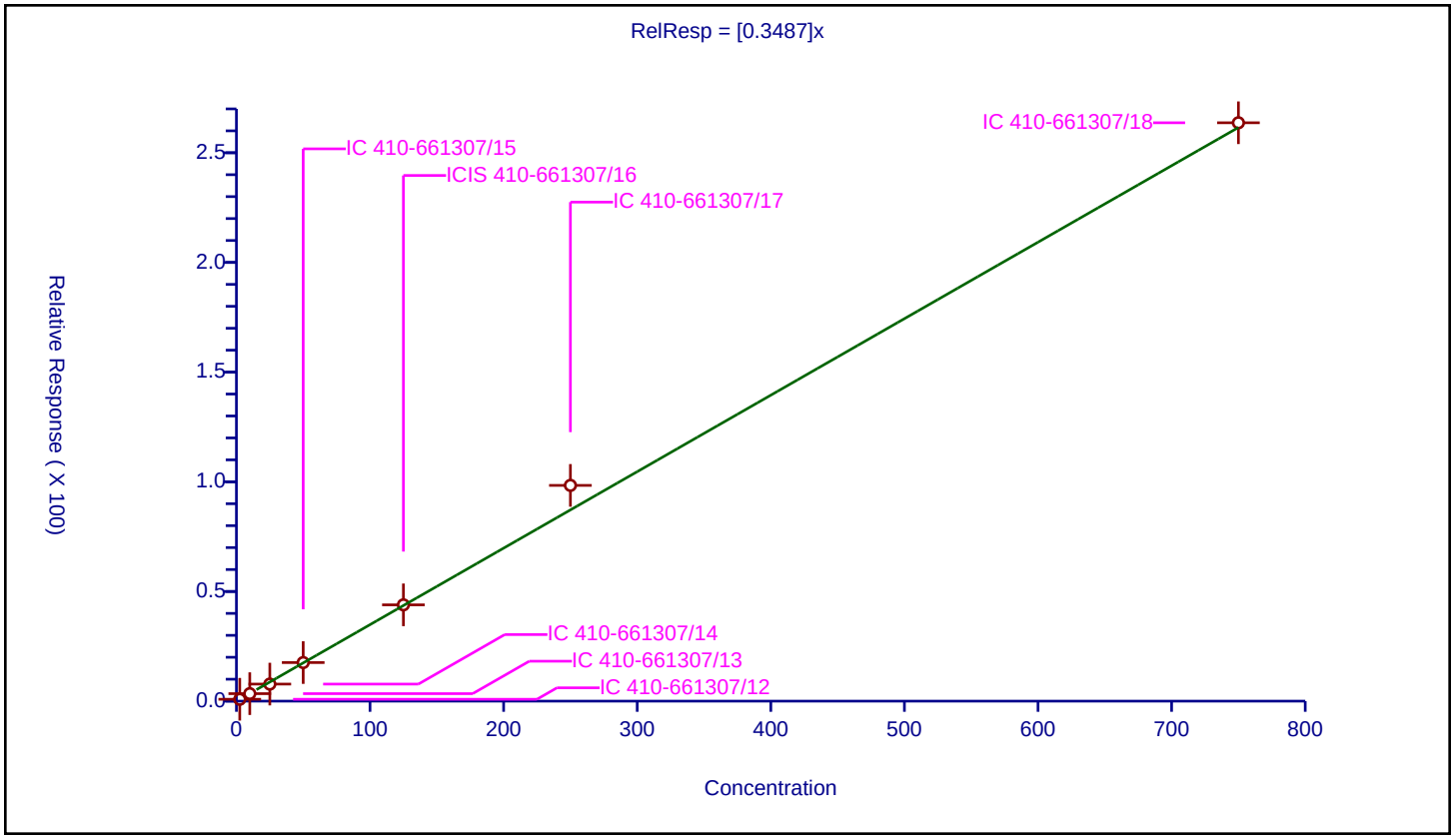
Curve Coefficients

Intercept:	0
Slope:	0.3487

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	2.5	0.849967	50.0	379250.0	0.339987	Y
2	IC 410-661307/13	10.0	3.417887	50.0	372306.0	0.341789	Y
3	IC 410-661307/14	25.0	7.782974	50.0	371439.0	0.311319	Y
4	IC 410-661307/15	50.0	17.58856	50.0	373615.0	0.351771	Y
5	ICIS 410-661307/16	125.0	43.895388	50.0	372882.0	0.351163	Y
6	IC 410-661307/17	250.0	98.360834	50.0	373025.0	0.393443	Y
7	IC 410-661307/18	750.0	263.669035	50.0	398598.0	0.351559	Y



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Calibration / 1,2,3-Trichloropropane

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

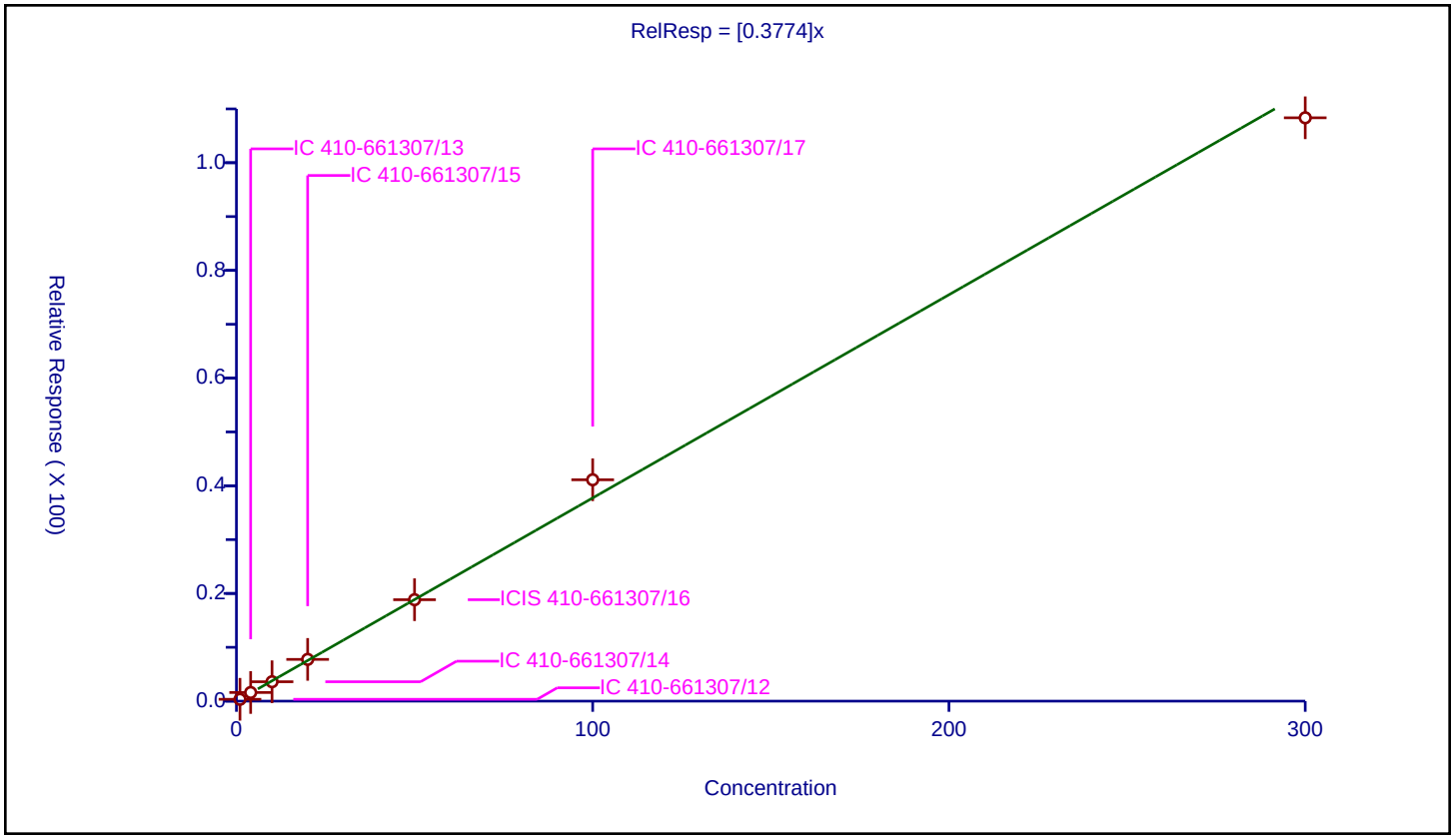
Curve Coefficients

Intercept:	0
Slope:	0.3774

Error Coefficients

Relative Standard Deviation:	6.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.342782	50.0	379250.0	0.342782	Y
2	IC 410-661307/13	4.0	1.60728	50.0	372306.0	0.40182	Y
3	IC 410-661307/14	10.0	3.603553	50.0	371439.0	0.360355	Y
4	IC 410-661307/15	20.0	7.754774	50.0	373615.0	0.387739	Y
5	ICIS 410-661307/16	50.0	18.838533	50.0	372882.0	0.376771	Y
6	IC 410-661307/17	100.0	41.115475	50.0	373025.0	0.411155	Y
7	IC 410-661307/18	300.0	108.345877	50.0	398598.0	0.361153	Y



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Calibration / N-Propylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

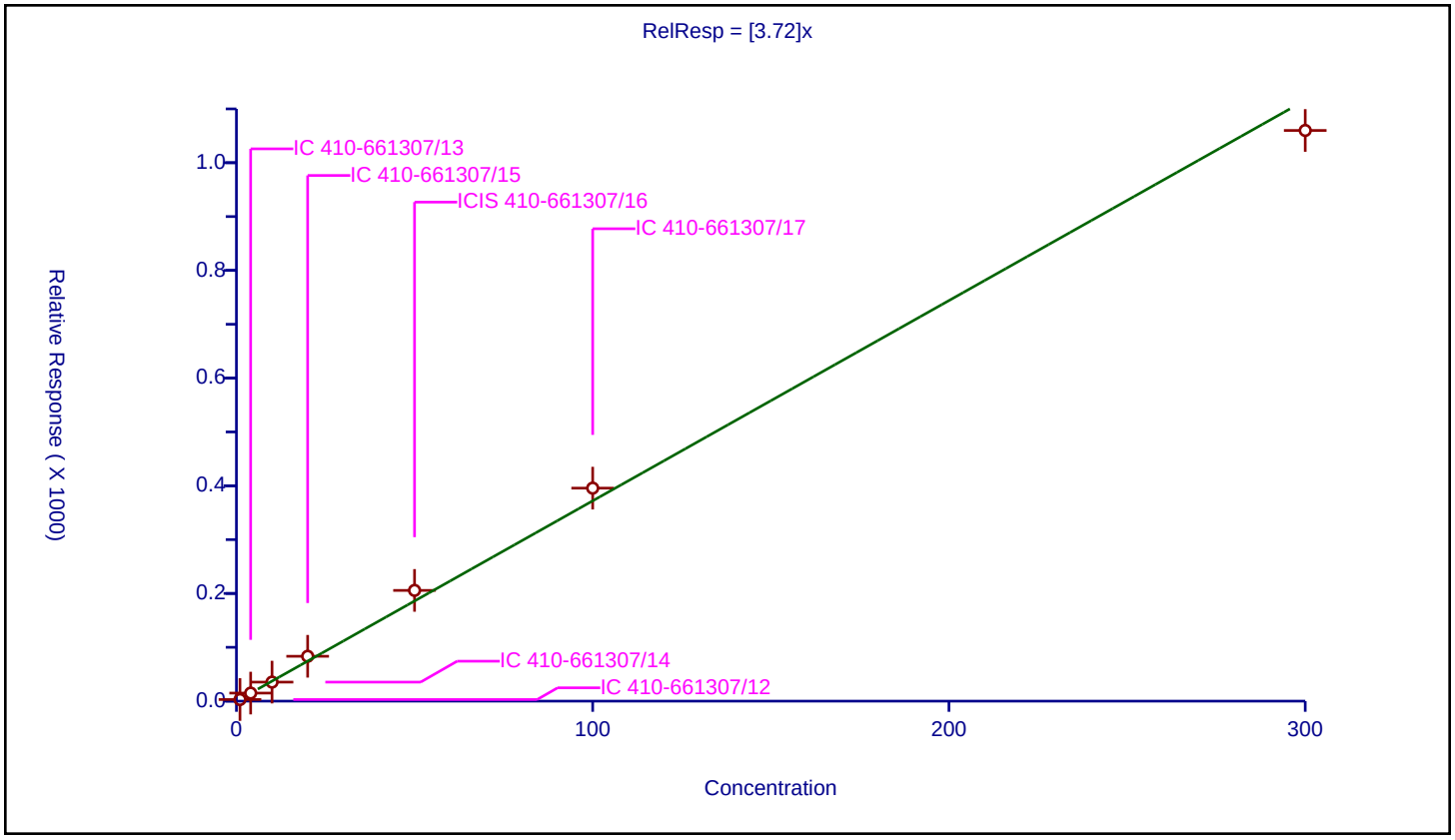
Curve Coefficients

Intercept:	0
Slope:	3.72

Error Coefficients

Relative Standard Deviation:	11.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	2.999077	50.0	379250.0	2.999077	Y
2	IC 410-661307/13	4.0	14.945368	50.0	372306.0	3.736342	Y
3	IC 410-661307/14	10.0	35.349681	50.0	371439.0	3.534968	Y
4	IC 410-661307/15	20.0	83.322136	50.0	373615.0	4.166107	Y
5	ICIS 410-661307/16	50.0	205.673242	50.0	372882.0	4.113465	Y
6	IC 410-661307/17	100.0	395.637156	50.0	373025.0	3.956372	Y
7	IC 410-661307/18	300.0	1059.94862	50.0	398598.0	3.533162	Y



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Calibration / 2-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

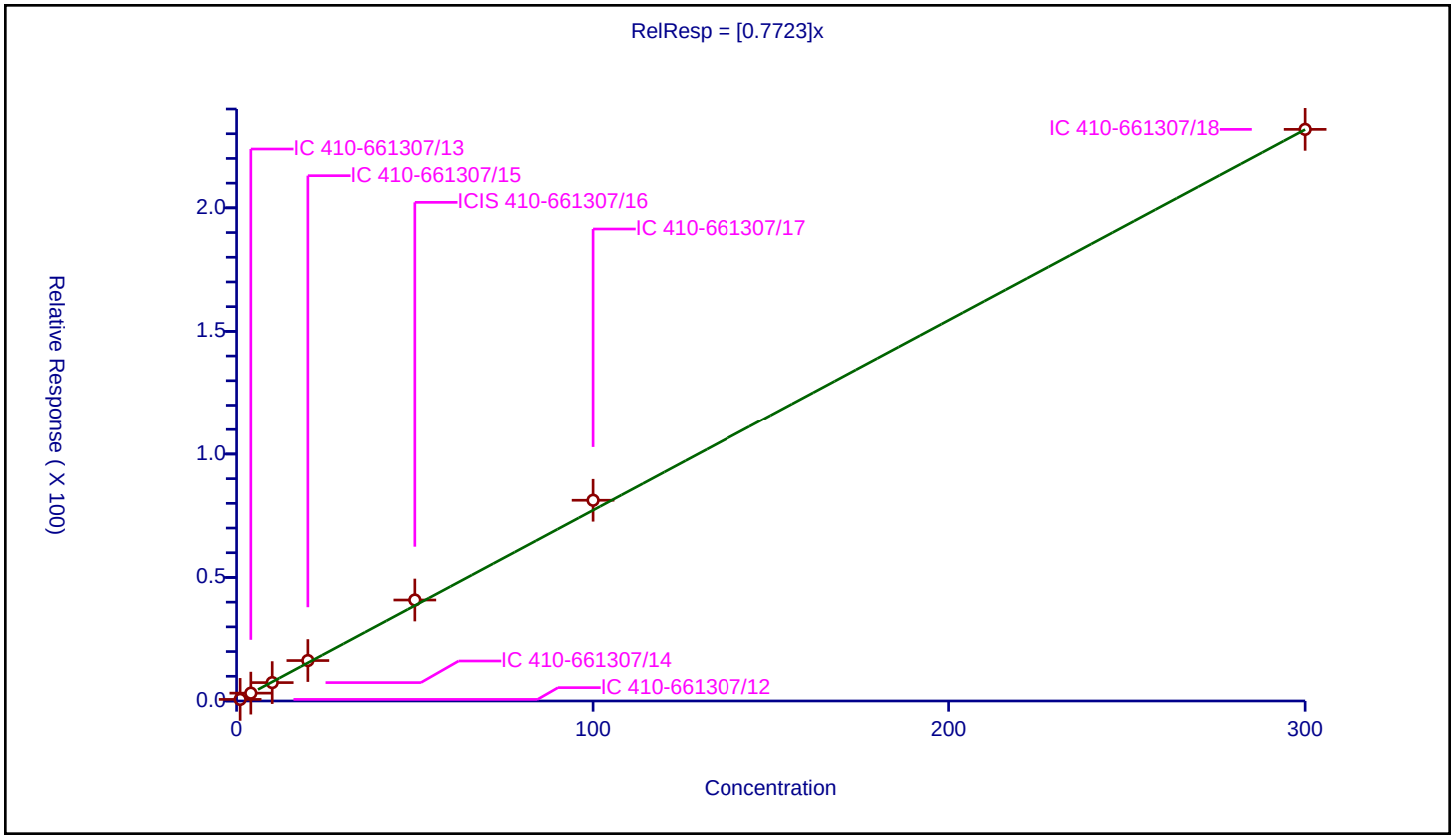
Curve Coefficients

Intercept:	0
Slope:	0.7723

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.646935	50.0	379250.0	0.646935	Y
2	IC 410-661307/13	4.0	3.176554	50.0	372306.0	0.794138	Y
3	IC 410-661307/14	10.0	7.44281	50.0	371439.0	0.744281	Y
4	IC 410-661307/15	20.0	16.370462	50.0	373615.0	0.818523	Y
5	ICIS 410-661307/16	50.0	40.870034	50.0	372882.0	0.817401	Y
6	IC 410-661307/17	100.0	81.253535	50.0	373025.0	0.812535	Y
7	IC 410-661307/18	300.0	231.759567	50.0	398598.0	0.772532	Y



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Calibration / 1,3,5-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

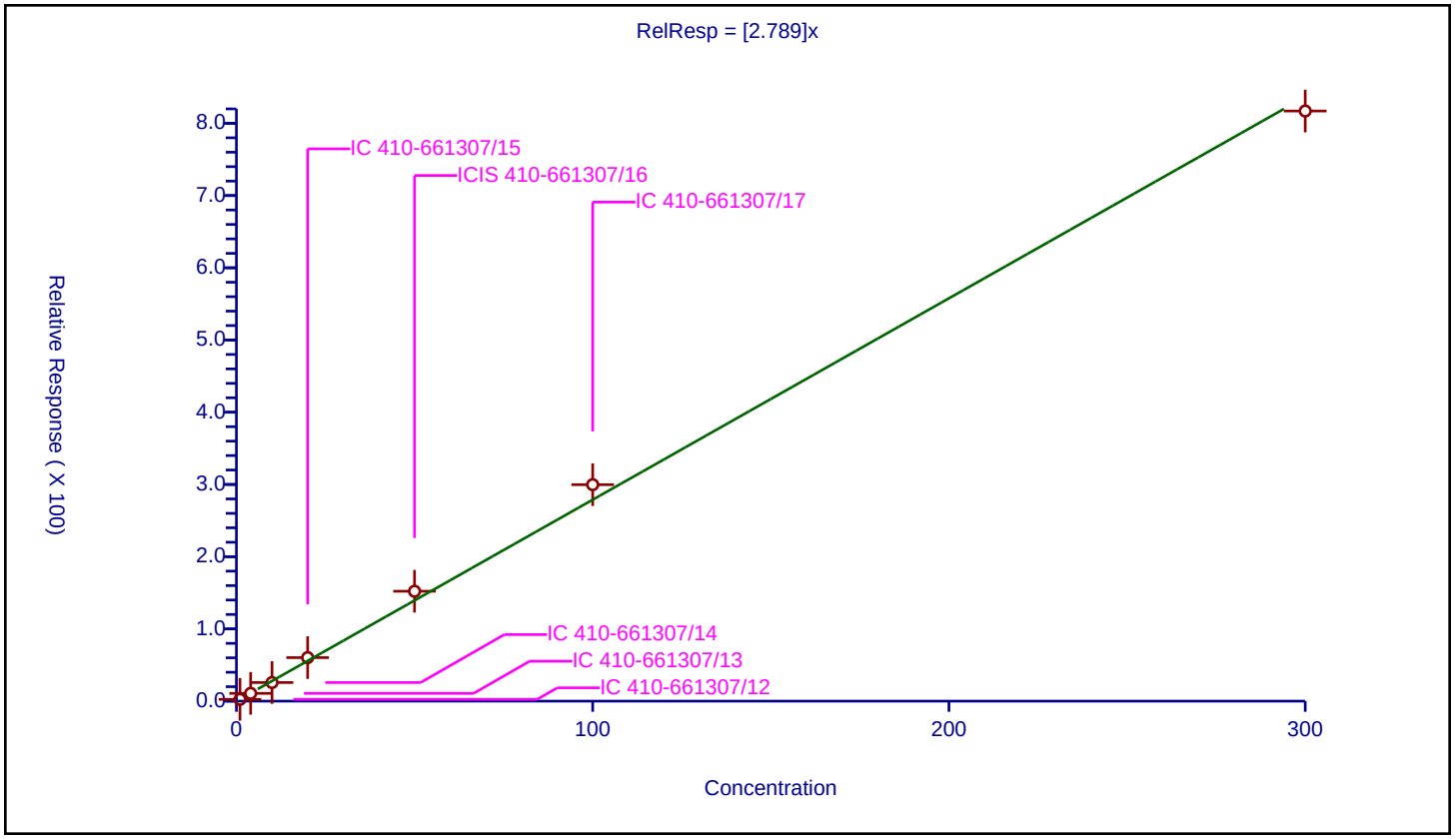
Curve Coefficients

Intercept:	0
Slope:	2.789

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	2.479499	50.0	379250.0	2.479499	Y
2	IC 410-661307/13	4.0	10.756877	50.0	372306.0	2.689219	Y
3	IC 410-661307/14	10.0	25.741104	50.0	371439.0	2.57411	Y
4	IC 410-661307/15	20.0	60.27515	50.0	373615.0	3.013757	Y
5	ICIS 410-661307/16	50.0	152.162212	50.0	372882.0	3.043244	Y
6	IC 410-661307/17	100.0	299.718652	50.0	373025.0	2.997187	Y
7	IC 410-661307/18	300.0	817.056533	50.0	398598.0	2.723522	Y



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Calibration / 4-Chlorotoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

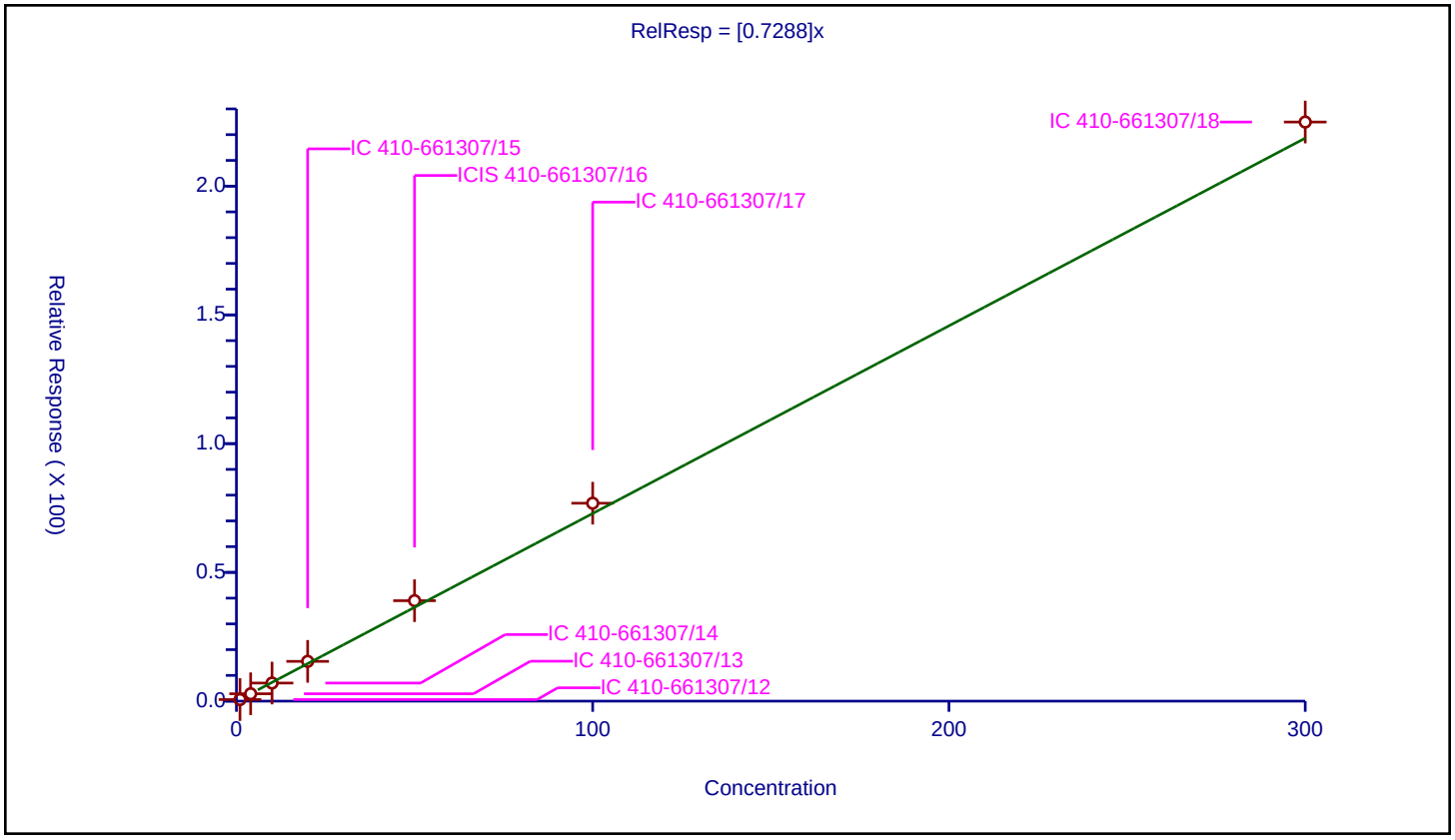
Curve Coefficients

Intercept:	0
Slope:	0.7288

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.610679	50.0	379250.0	0.610679	Y
2	IC 410-661307/13	4.0	2.868071	50.0	372306.0	0.717018	Y
3	IC 410-661307/14	10.0	7.030764	50.0	371439.0	0.703076	Y
4	IC 410-661307/15	20.0	15.442902	50.0	373615.0	0.772145	Y
5	ICIS 410-661307/16	50.0	39.005905	50.0	372882.0	0.780118	Y
6	IC 410-661307/17	100.0	76.863615	50.0	373025.0	0.768636	Y
7	IC 410-661307/18	300.0	224.896763	50.0	398598.0	0.749656	Y



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Calibration / tert-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

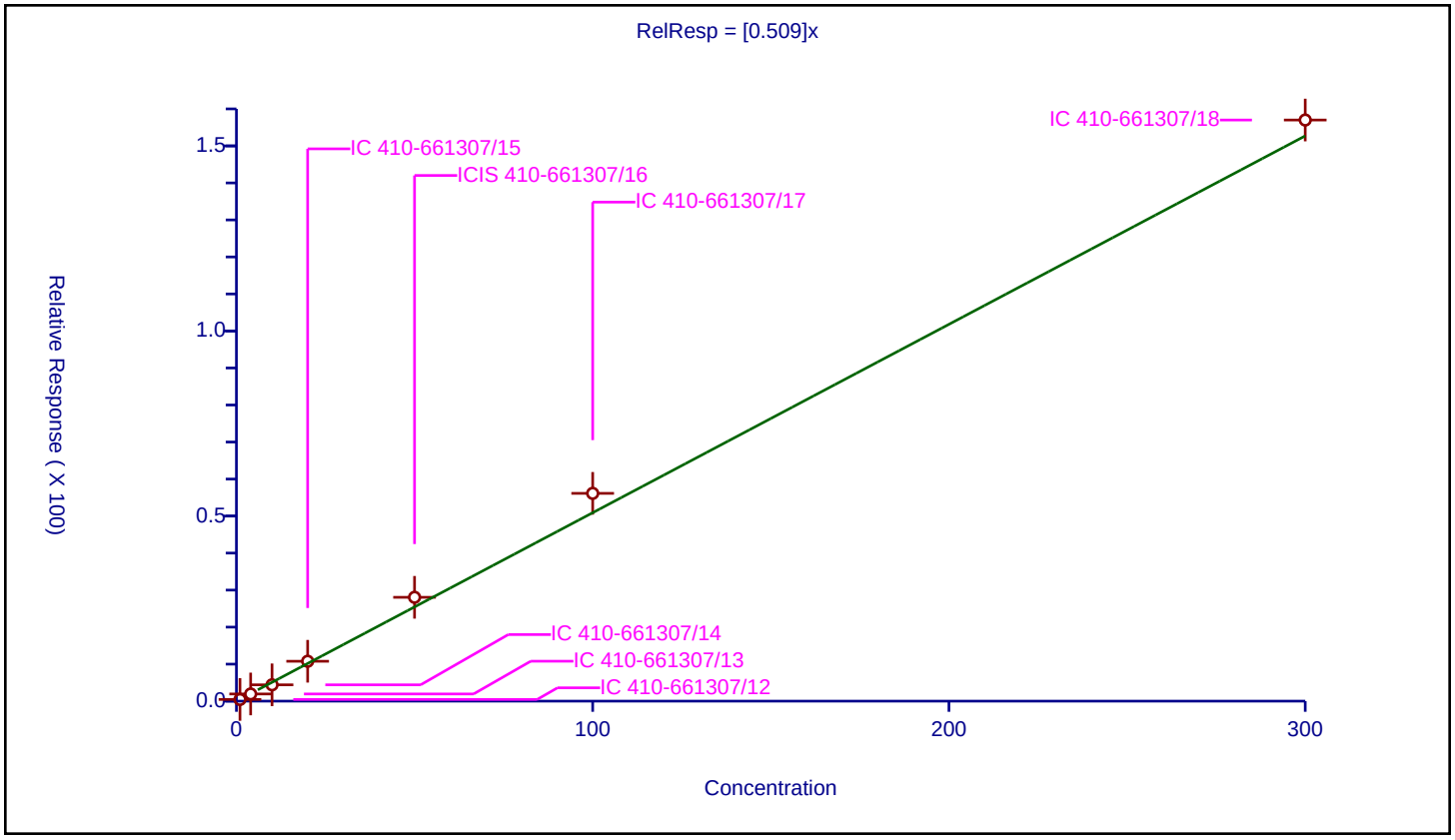
Curve Coefficients

Intercept:	0
Slope:	0.509

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.45379	50.0	379250.0	0.45379	Y
2	IC 410-661307/13	4.0	1.935908	50.0	372306.0	0.483977	Y
3	IC 410-661307/14	10.0	4.408665	50.0	371439.0	0.440866	Y
4	IC 410-661307/15	20.0	10.7762	50.0	373615.0	0.53881	Y
5	ICIS 410-661307/16	50.0	28.049222	50.0	372882.0	0.560984	Y
6	IC 410-661307/17	100.0	56.132029	50.0	373025.0	0.56132	Y
7	IC 410-661307/18	300.0	156.991003	50.0	398598.0	0.523303	Y



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Calibration / 1,2,4-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

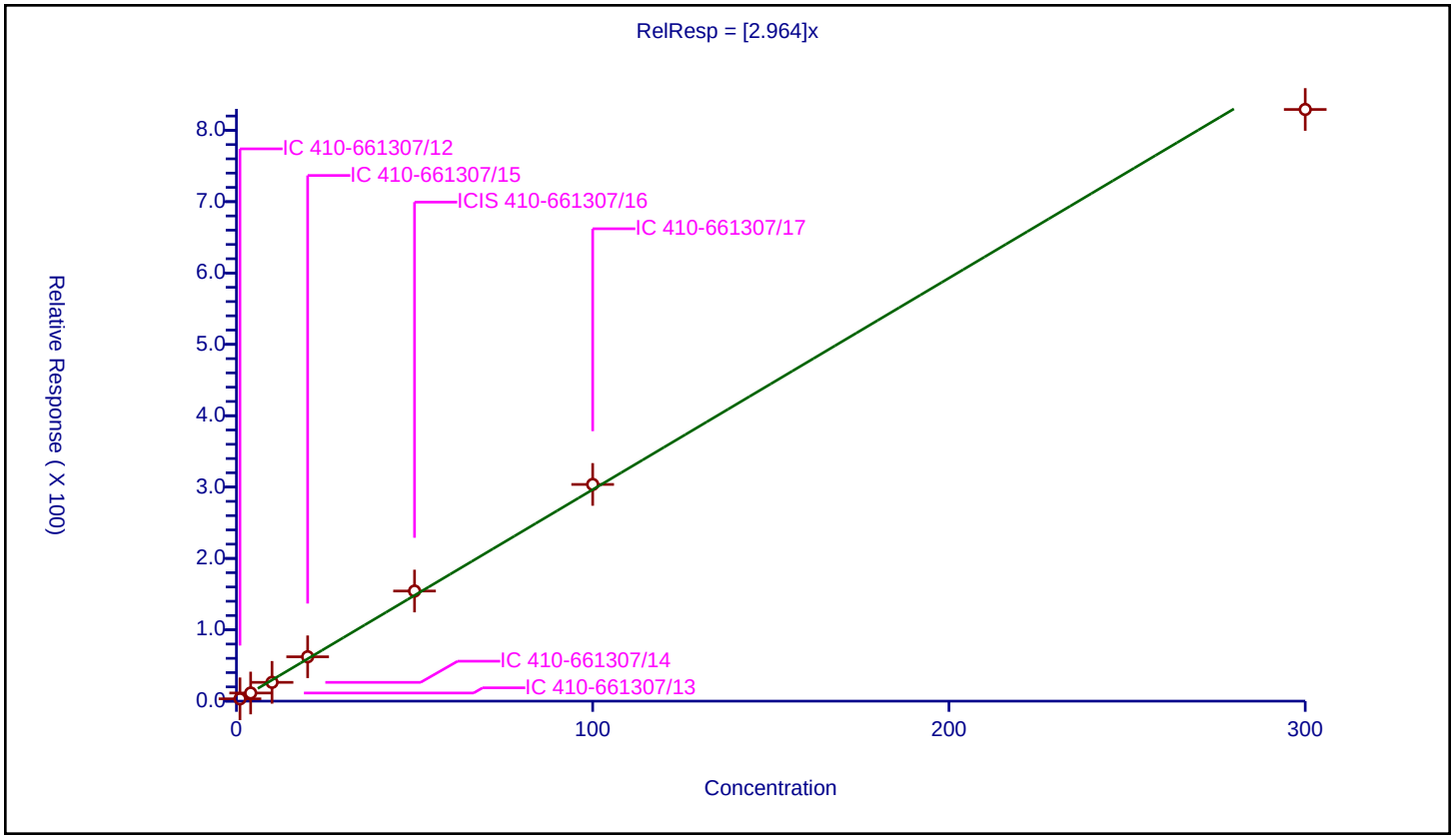
Curve Coefficients

Intercept:	0
Slope:	2.964

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	3.27528	50.0	379250.0	3.27528	Y
2	IC 410-661307/13	4.0	11.389153	50.0	372306.0	2.847288	Y
3	IC 410-661307/14	10.0	26.320203	50.0	371439.0	2.63202	Y
4	IC 410-661307/15	20.0	62.175635	50.0	373615.0	3.108782	Y
5	ICIS 410-661307/16	50.0	154.317183	50.0	372882.0	3.086344	Y
6	IC 410-661307/17	100.0	303.709001	50.0	373025.0	3.03709	Y
7	IC 410-661307/18	300.0	829.16259	50.0	398598.0	2.763875	Y



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Calibration / sec-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

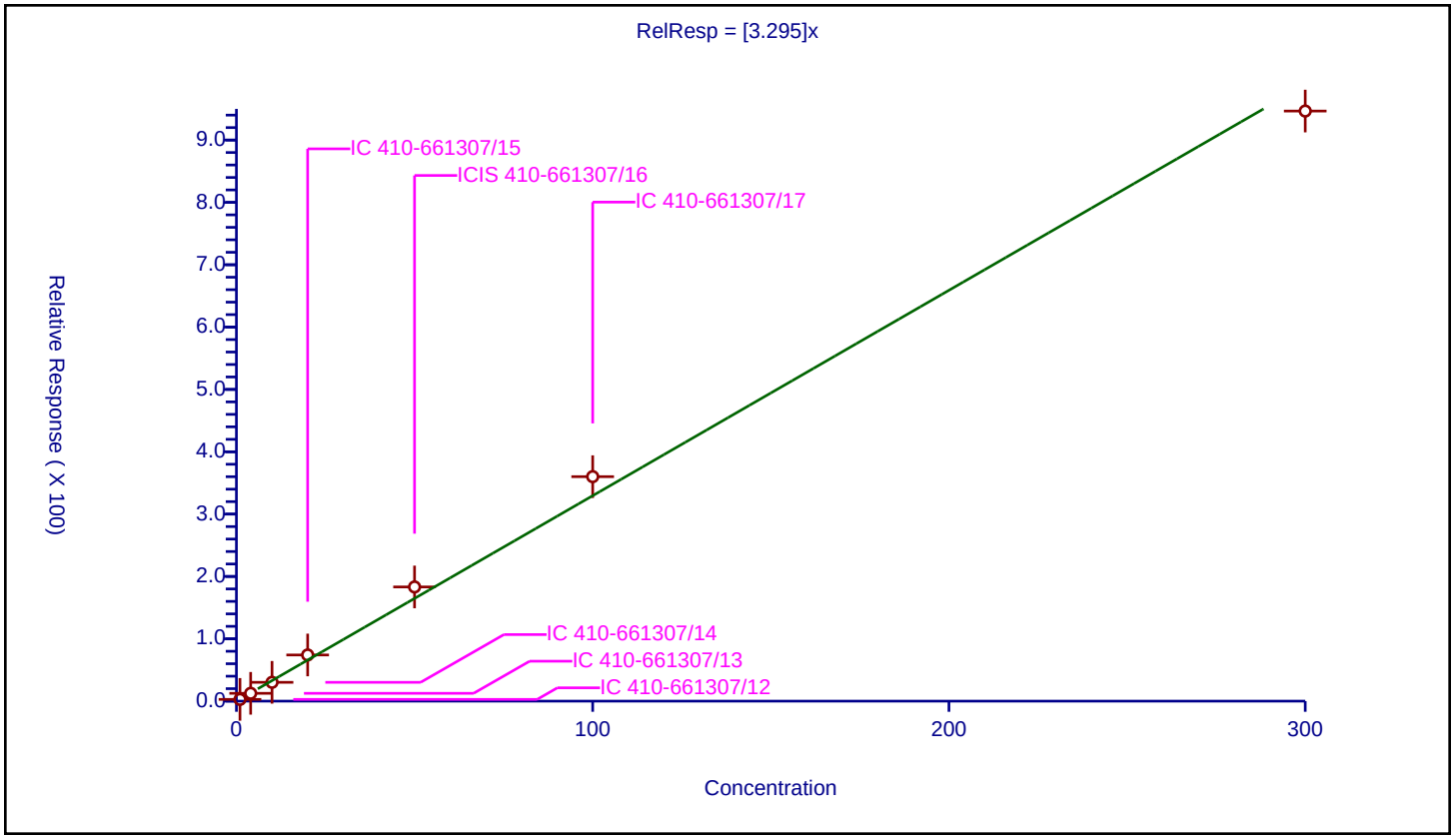
Curve Coefficients

Intercept:	0
Slope:	3.295

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	2.792617	50.0	379250.0	2.792617	Y
2	IC 410-661307/13	4.0	12.525181	50.0	372306.0	3.131295	Y
3	IC 410-661307/14	10.0	30.179922	50.0	371439.0	3.017992	Y
4	IC 410-661307/15	20.0	74.077727	50.0	373615.0	3.703886	Y
5	ICIS 410-661307/16	50.0	183.191197	50.0	372882.0	3.663824	Y
6	IC 410-661307/17	100.0	360.090879	50.0	373025.0	3.600909	Y
7	IC 410-661307/18	300.0	946.559441	50.0	398598.0	3.155198	Y



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Calibration / 1,3-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

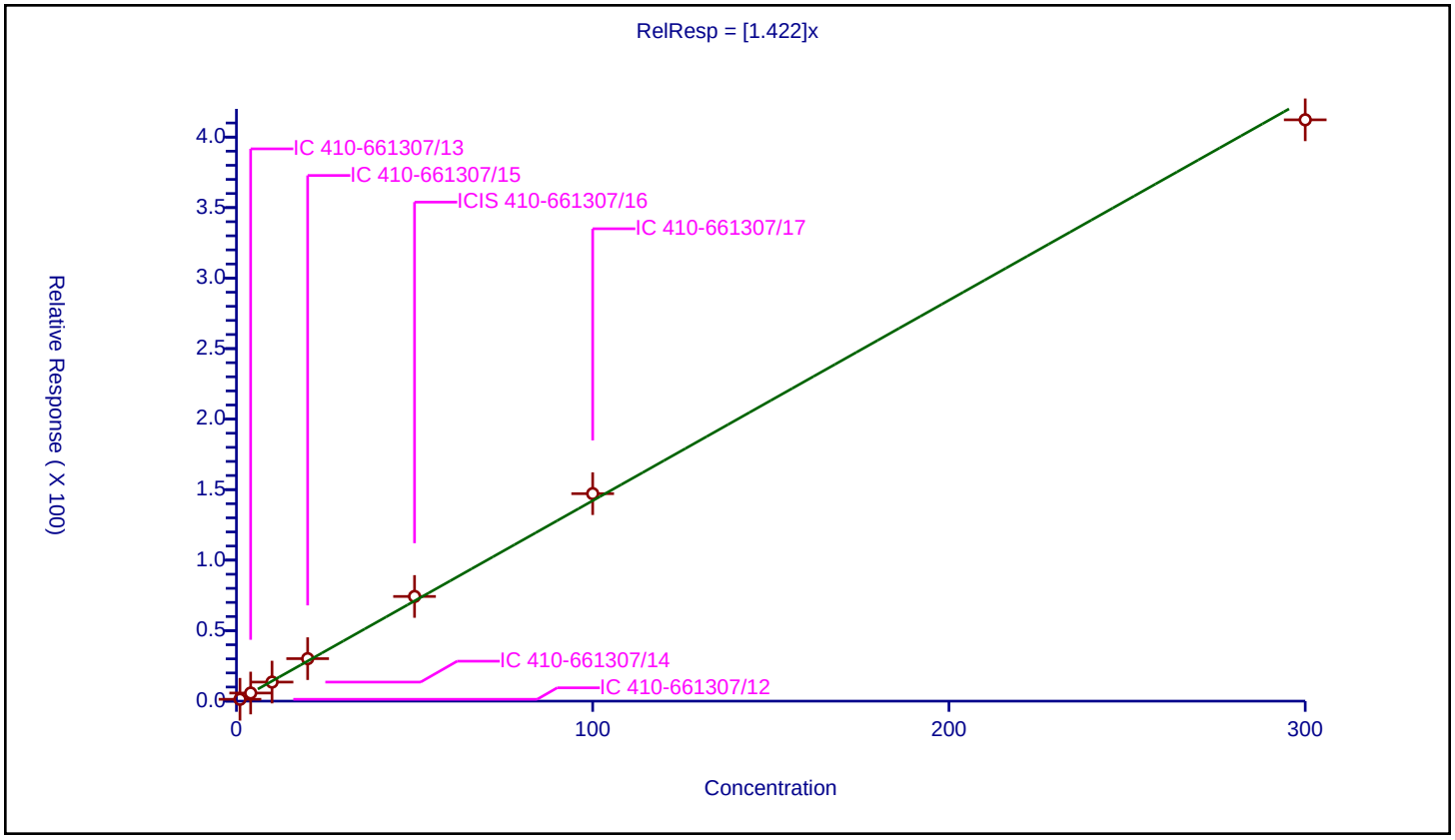
Curve Coefficients

Intercept:	0
Slope:	1.422

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.321556	50.0	379250.0	1.321556	Y
2	IC 410-661307/13	4.0	5.760181	50.0	372306.0	1.440045	Y
3	IC 410-661307/14	10.0	13.51164	50.0	371439.0	1.351164	Y
4	IC 410-661307/15	20.0	30.143463	50.0	373615.0	1.507173	Y
5	ICIS 410-661307/16	50.0	74.247349	50.0	372882.0	1.484947	Y
6	IC 410-661307/17	100.0	147.144561	50.0	373025.0	1.471446	Y
7	IC 410-661307/18	300.0	412.265114	50.0	398598.0	1.374217	Y



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Calibration / 4-Isopropyltoluene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

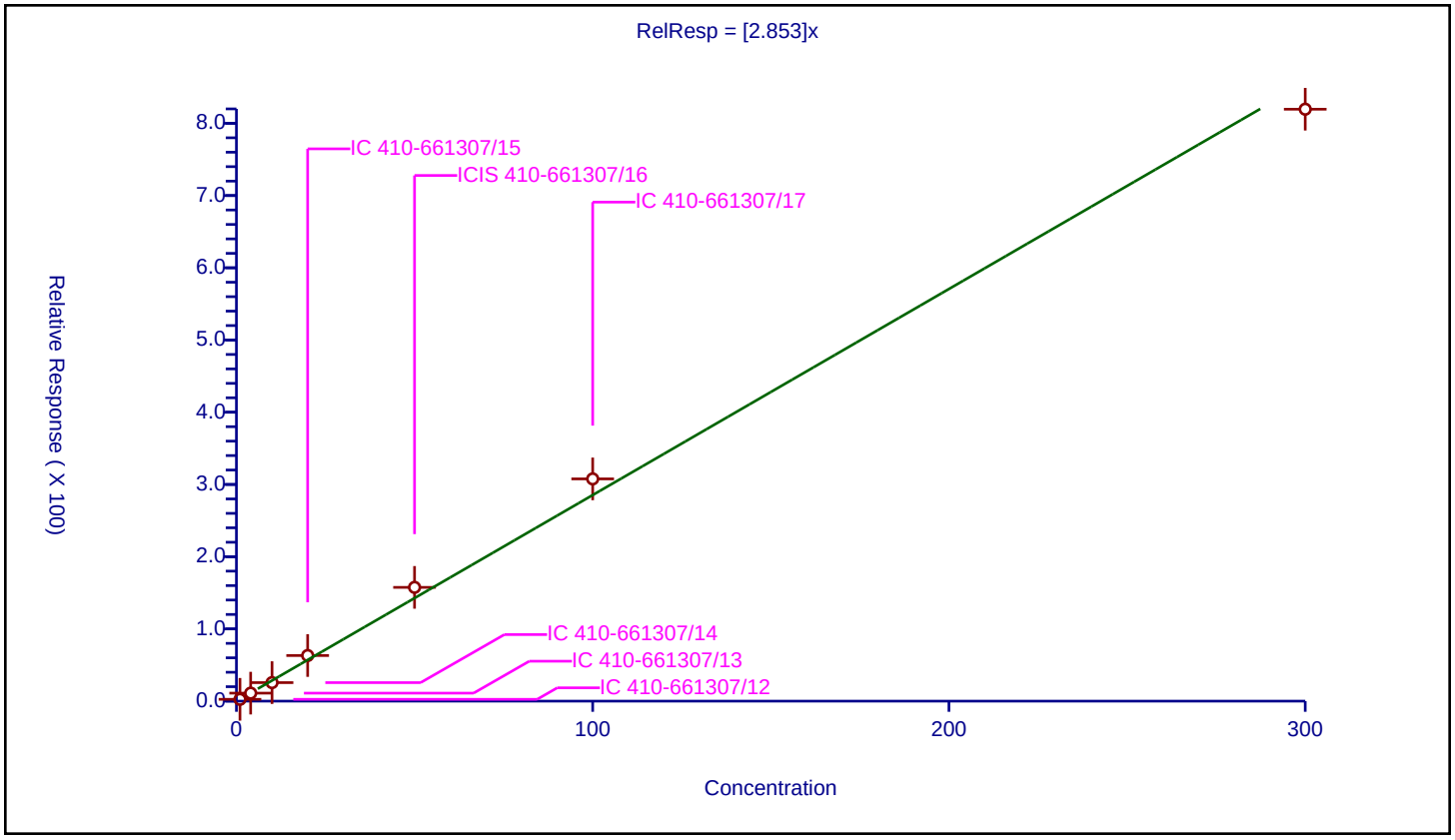
Curve Coefficients

Intercept:	0
Slope:	2.853

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	2.521028	50.0	379250.0	2.521028	Y
2	IC 410-661307/13	4.0	11.075567	50.0	372306.0	2.768892	Y
3	IC 410-661307/14	10.0	25.665318	50.0	371439.0	2.566532	Y
4	IC 410-661307/15	20.0	63.139729	50.0	373615.0	3.156986	Y
5	ICIS 410-661307/16	50.0	157.532812	50.0	372882.0	3.150656	Y
6	IC 410-661307/17	100.0	307.714764	50.0	373025.0	3.077148	Y
7	IC 410-661307/18	300.0	819.553911	50.0	398598.0	2.731846	Y



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Calibration / 1,4-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

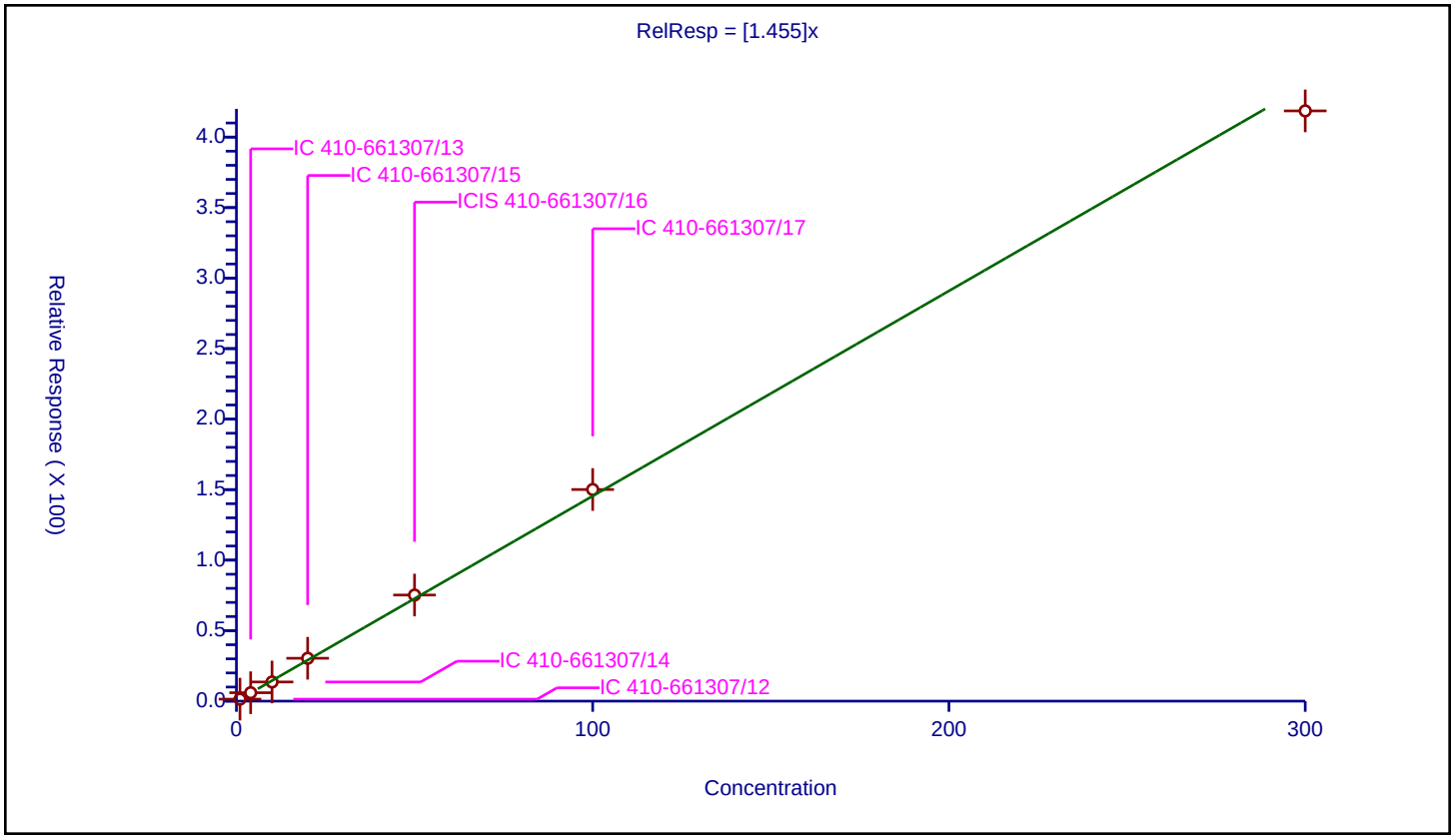
Curve Coefficients

Intercept:	0
Slope:	1.455

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.408965	50.0	379250.0	1.408965	Y
2	IC 410-661307/13	4.0	5.971701	50.0	372306.0	1.492925	Y
3	IC 410-661307/14	10.0	13.59308	50.0	371439.0	1.359308	Y
4	IC 410-661307/15	20.0	30.394791	50.0	373615.0	1.51974	Y
5	ICIS 410-661307/16	50.0	75.245654	50.0	372882.0	1.504913	Y
6	IC 410-661307/17	100.0	150.072649	50.0	373025.0	1.500726	Y
7	IC 410-661307/18	300.0	418.584137	50.0	398598.0	1.39528	Y



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Calibration / 1,2,3-Trimethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

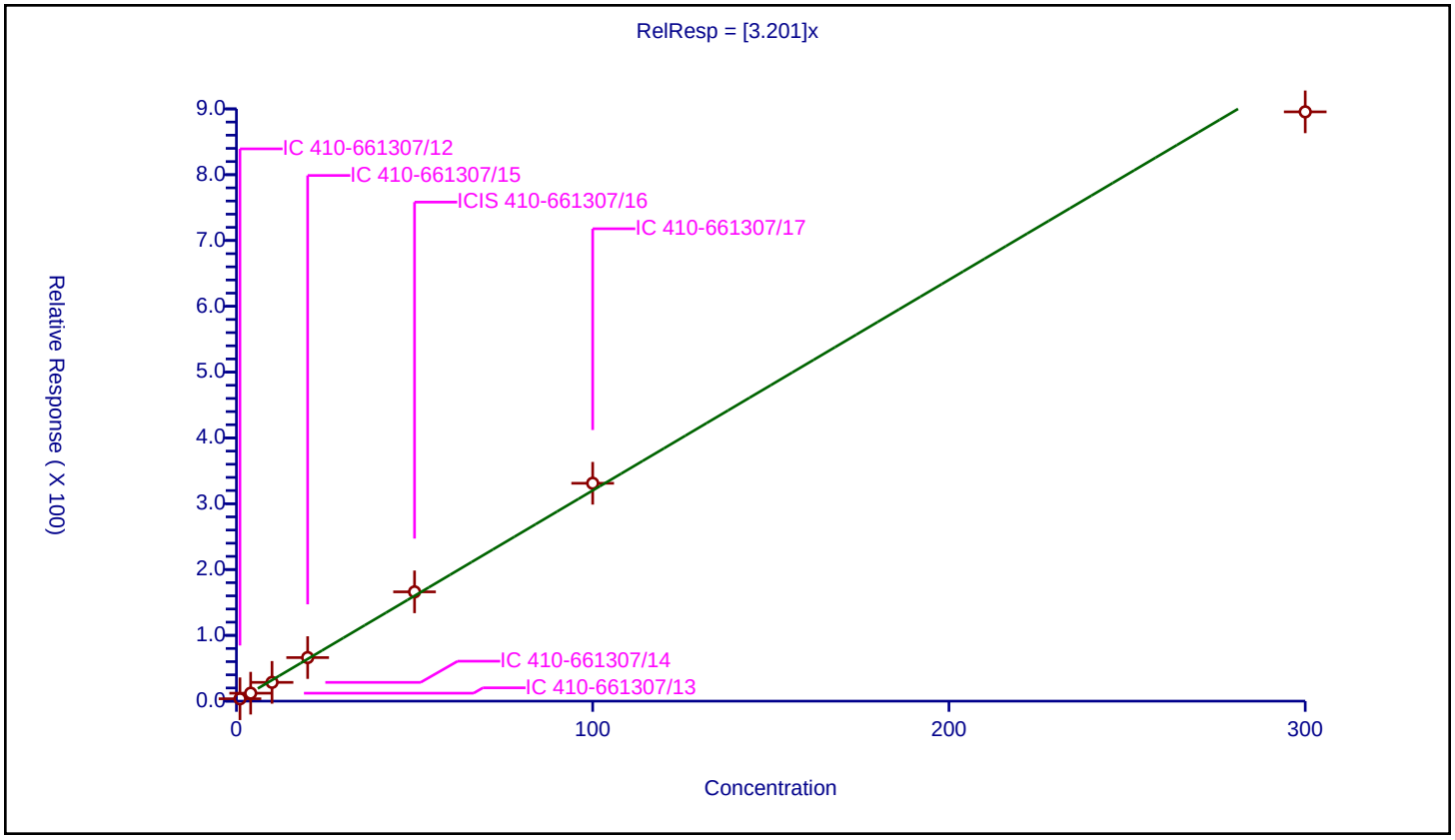
Curve Coefficients

Intercept:	0
Slope:	3.201

Error Coefficients

Relative Standard Deviation:	8.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	3.603823	50.0	379250.0	3.603823	Y
2	IC 410-661307/13	4.0	12.095158	50.0	372306.0	3.02379	Y
3	IC 410-661307/14	10.0	28.524738	50.0	371439.0	2.852474	Y
4	IC 410-661307/15	20.0	66.200634	50.0	373615.0	3.310032	Y
5	ICIS 410-661307/16	50.0	166.082031	50.0	372882.0	3.321641	Y
6	IC 410-661307/17	100.0	331.106092	50.0	373025.0	3.311061	Y
7	IC 410-661307/18	300.0	895.514278	50.0	398598.0	2.985048	Y



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Calibration / Benzyl chloride

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

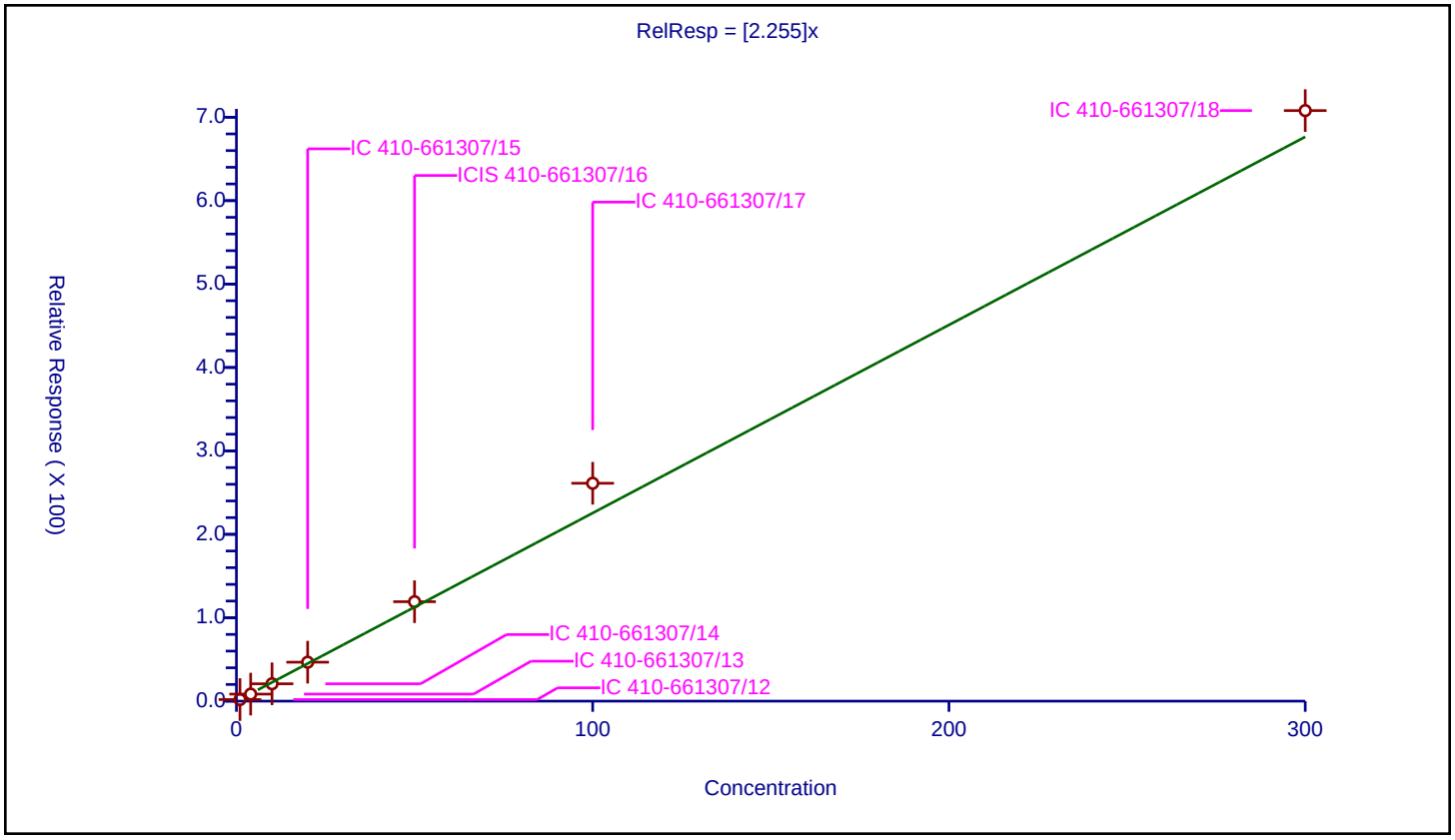
Curve Coefficients

Intercept:	0
Slope:	2.255

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.905999	50.0	379250.0	1.905999	Y
2	IC 410-661307/13	4.0	8.433117	50.0	372306.0	2.108279	Y
3	IC 410-661307/14	10.0	20.800724	50.0	371439.0	2.080072	Y
4	IC 410-661307/15	20.0	46.684956	50.0	373615.0	2.334248	Y
5	ICIS 410-661307/16	50.0	119.208221	50.0	372882.0	2.384164	Y
6	IC 410-661307/17	100.0	261.183433	50.0	373025.0	2.611834	Y
7	IC 410-661307/18	300.0	707.953126	50.0	398598.0	2.359844	Y



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Calibration / 1,3-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

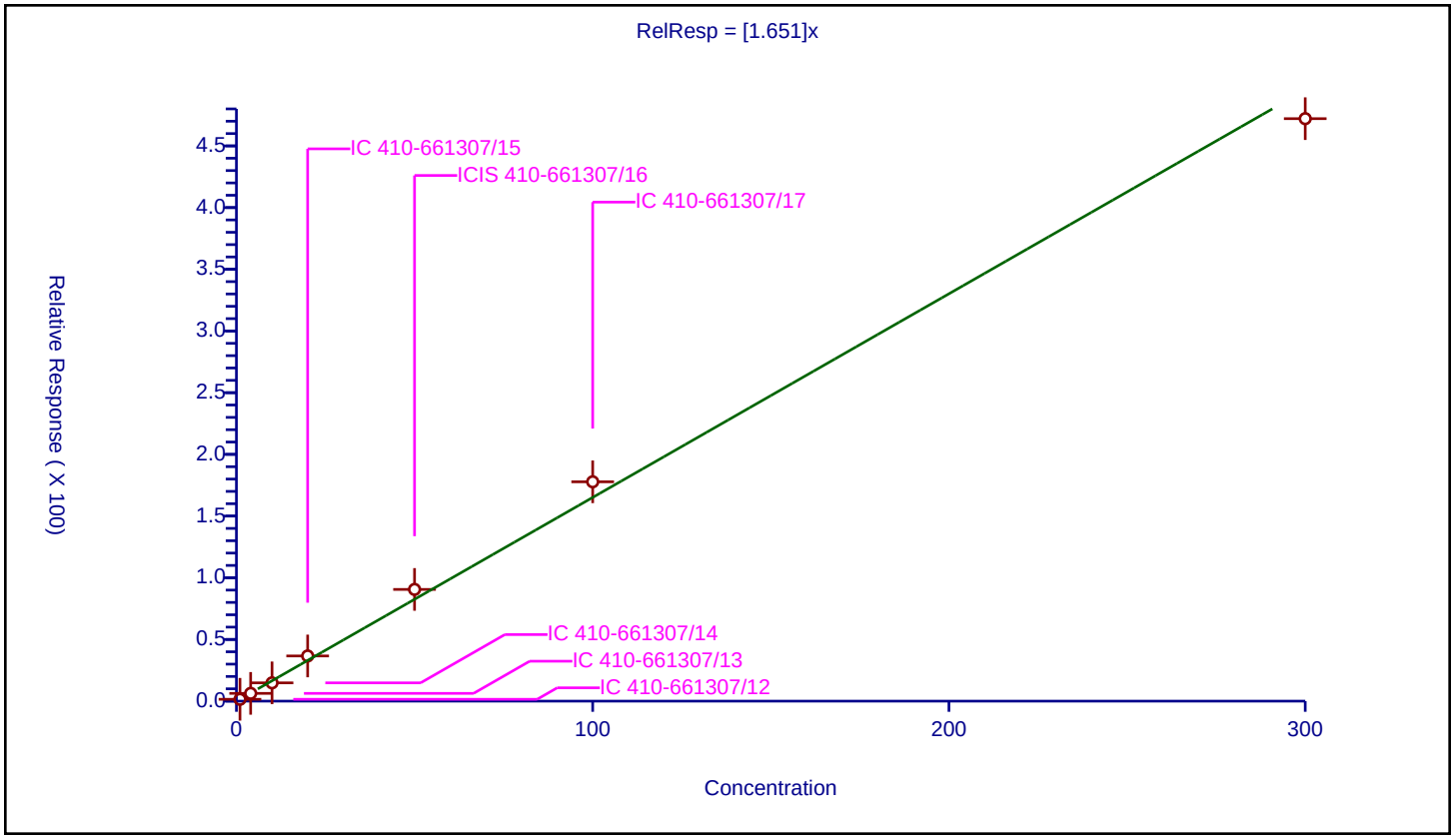
Curve Coefficients

Intercept:	0
Slope:	1.651

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.505999	50.0	379250.0	1.505999	Y
2	IC 410-661307/13	4.0	6.30006	50.0	372306.0	1.575015	Y
3	IC 410-661307/14	10.0	14.818315	50.0	371439.0	1.481831	Y
4	IC 410-661307/15	20.0	36.611217	50.0	373615.0	1.830561	Y
5	ICIS 410-661307/16	50.0	90.537623	50.0	372882.0	1.810752	Y
6	IC 410-661307/17	100.0	177.775082	50.0	373025.0	1.777751	Y
7	IC 410-661307/18	300.0	472.083779	50.0	398598.0	1.573613	Y



Calibration / p-Diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

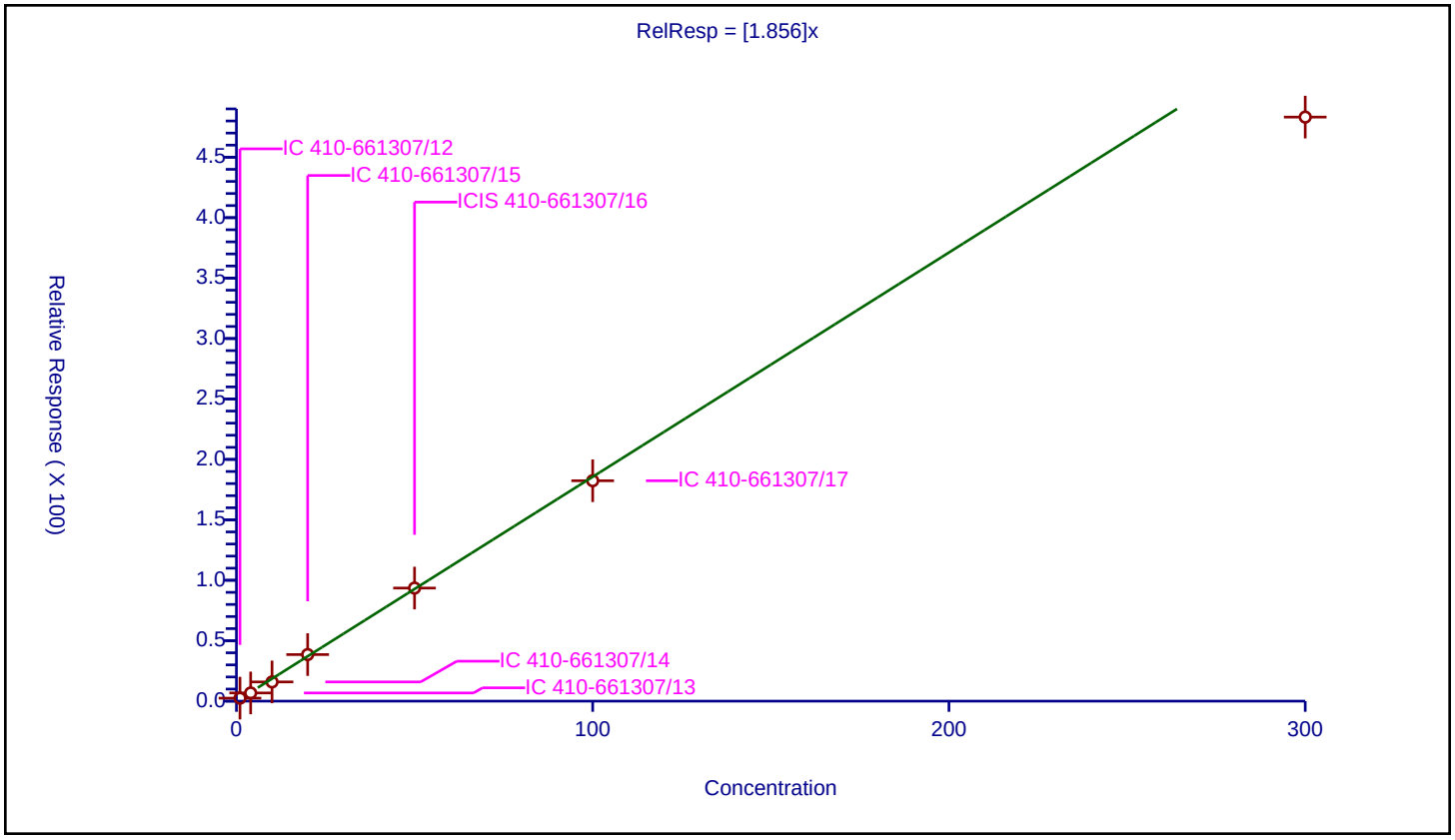
Curve Coefficients

Intercept:	0
Slope:	1.856

Error Coefficients

Relative Standard Deviation:	16.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	2.475412	50.0	379250.0	2.475412	Y
2	IC 410-661307/13	4.0	6.778161	50.0	372306.0	1.69454	Y
3	IC 410-661307/14	10.0	15.888208	50.0	371439.0	1.588821	Y
4	IC 410-661307/15	20.0	38.538201	50.0	373615.0	1.92691	Y
5	ICIS 410-661307/16	50.0	93.5611	50.0	372882.0	1.871222	Y
6	IC 410-661307/17	100.0	182.36767	50.0	373025.0	1.823677	Y
7	IC 410-661307/18	300.0	483.221316	50.0	398598.0	1.610738	Y



Calibration / n-Butylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

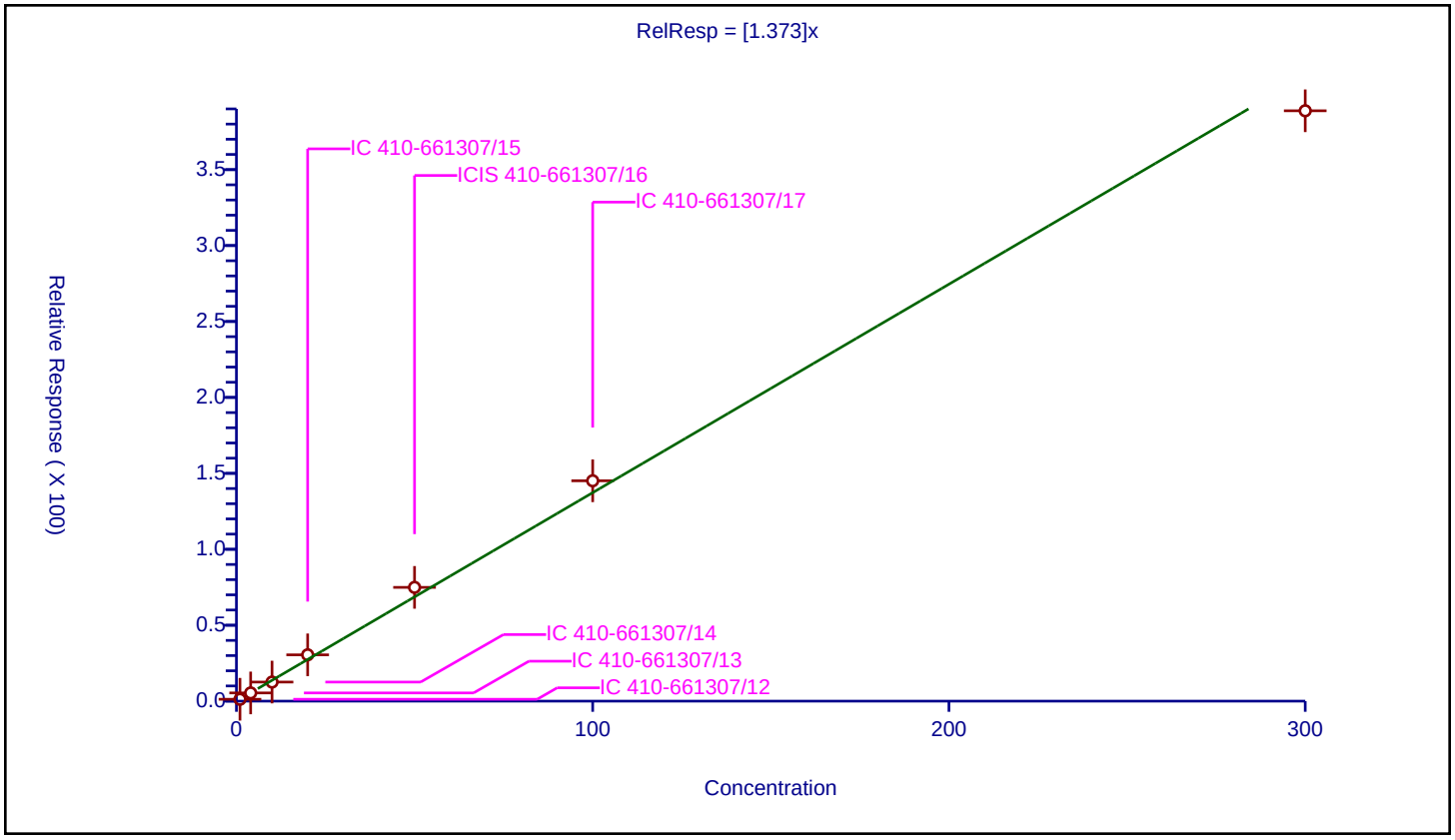
Curve Coefficients

Intercept:	0
Slope:	1.373

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.229005	50.0	379250.0	1.229005	Y
2	IC 410-661307/13	4.0	5.415035	50.0	372306.0	1.353759	Y
3	IC 410-661307/14	10.0	12.56707	50.0	371439.0	1.256707	Y
4	IC 410-661307/15	20.0	30.499846	50.0	373615.0	1.524992	Y
5	ICIS 410-661307/16	50.0	74.910964	50.0	372882.0	1.498219	Y
6	IC 410-661307/17	100.0	145.109041	50.0	373025.0	1.45109	Y
7	IC 410-661307/18	300.0	388.754961	50.0	398598.0	1.29585	Y



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Calibration / 1,2-Dichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

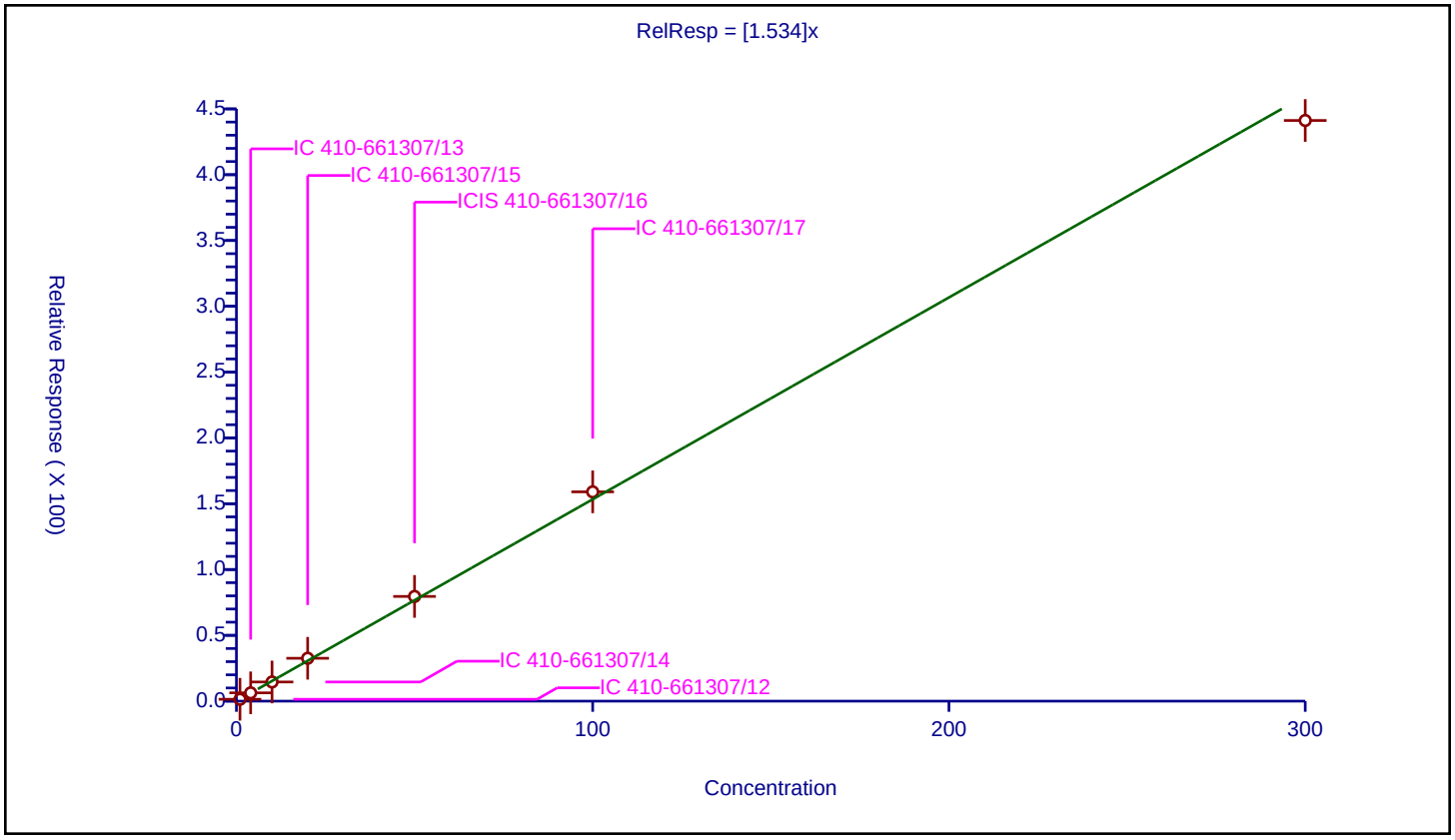
Curve Coefficients

Intercept:	0
Slope:	1.534

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.423336	50.0	379250.0	1.423336	Y
2	IC 410-661307/13	4.0	6.295628	50.0	372306.0	1.573907	Y
3	IC 410-661307/14	10.0	14.567533	50.0	371439.0	1.456753	Y
4	IC 410-661307/15	20.0	32.577386	50.0	373615.0	1.628869	Y
5	ICIS 410-661307/16	50.0	79.553183	50.0	372882.0	1.591064	Y
6	IC 410-661307/17	100.0	159.026607	50.0	373025.0	1.590266	Y
7	IC 410-661307/18	300.0	441.200407	50.0	398598.0	1.470668	Y



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Calibration / o-diethylbenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

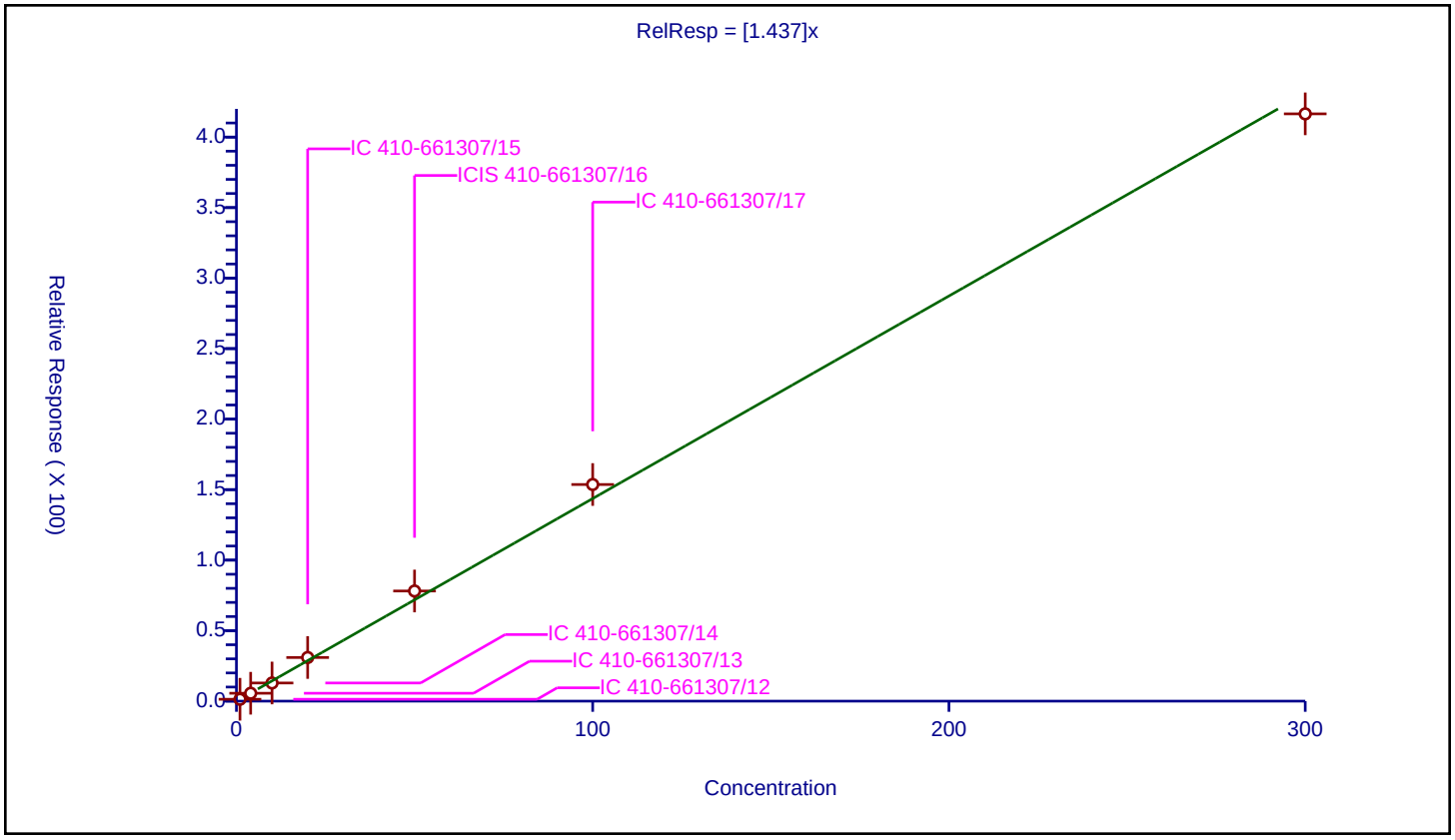
Curve Coefficients

Intercept:	0
Slope:	1.437

Error Coefficients

Relative Standard Deviation:	7.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.336058	50.0	379250.0	1.336058	Y
2	IC 410-661307/13	4.0	5.59392	50.0	372306.0	1.39848	Y
3	IC 410-661307/14	10.0	12.867927	50.0	371439.0	1.286793	Y
4	IC 410-661307/15	20.0	30.953923	50.0	373615.0	1.547696	Y
5	ICIS 410-661307/16	50.0	78.117072	50.0	372882.0	1.562341	Y
6	IC 410-661307/17	100.0	153.621339	50.0	373025.0	1.536213	Y
7	IC 410-661307/18	300.0	416.485406	50.0	398598.0	1.388285	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

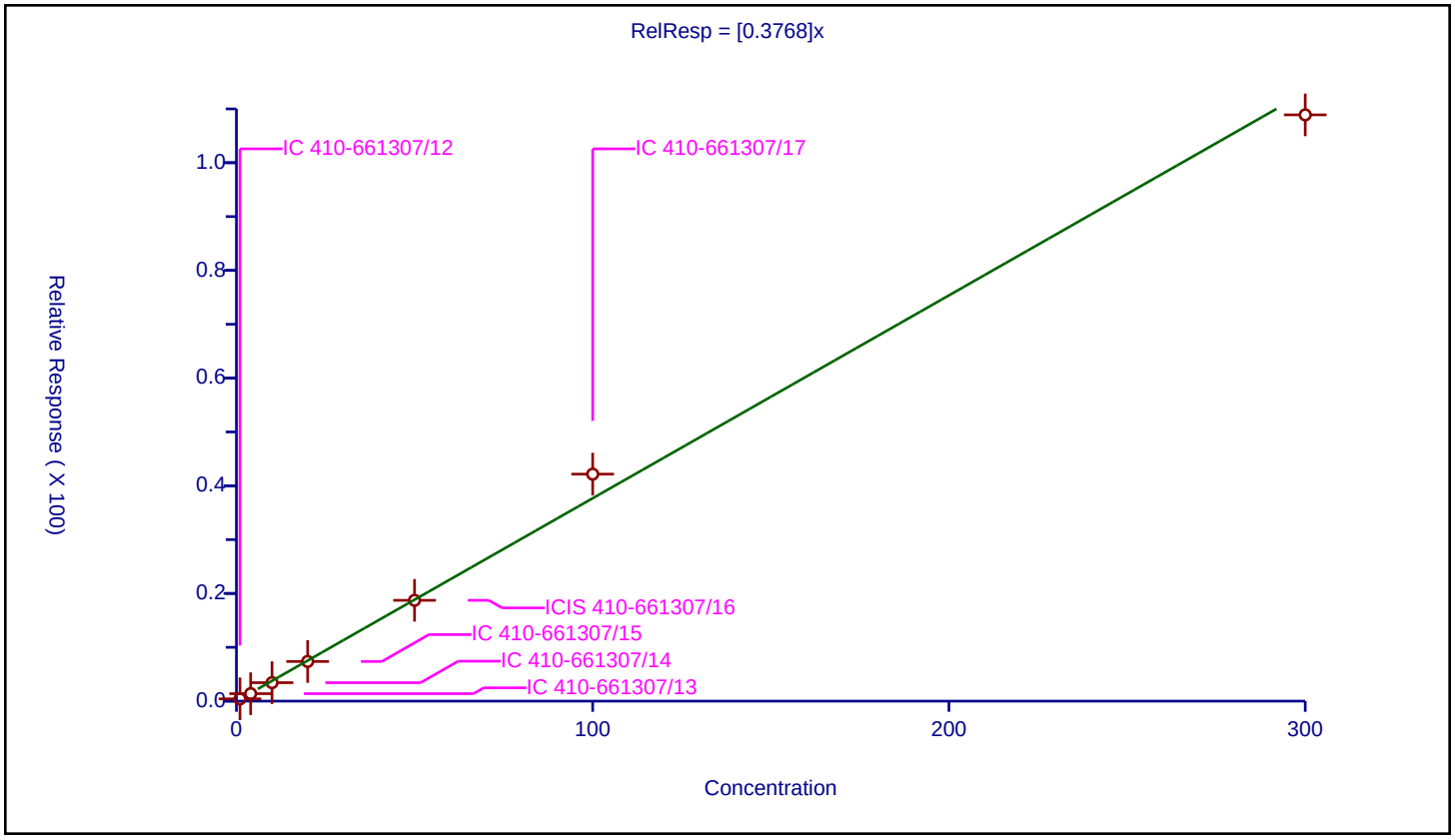
Curve Coefficients

Intercept:	0
Slope:	0.3768

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.420699	50.0	379250.0	0.420699	Y
2	IC 410-661307/13	4.0	1.386628	50.0	372306.0	0.346657	Y
3	IC 410-661307/14	10.0	3.428288	50.0	371439.0	0.342829	Y
4	IC 410-661307/15	20.0	7.367879	50.0	373615.0	0.368394	Y
5	ICIS 410-661307/16	50.0	18.725227	50.0	372882.0	0.374505	Y
6	IC 410-661307/17	100.0	42.165002	50.0	373025.0	0.42165	Y
7	IC 410-661307/18	300.0	108.8943	50.0	398598.0	0.362981	Y



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Calibration / 1,3,5-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

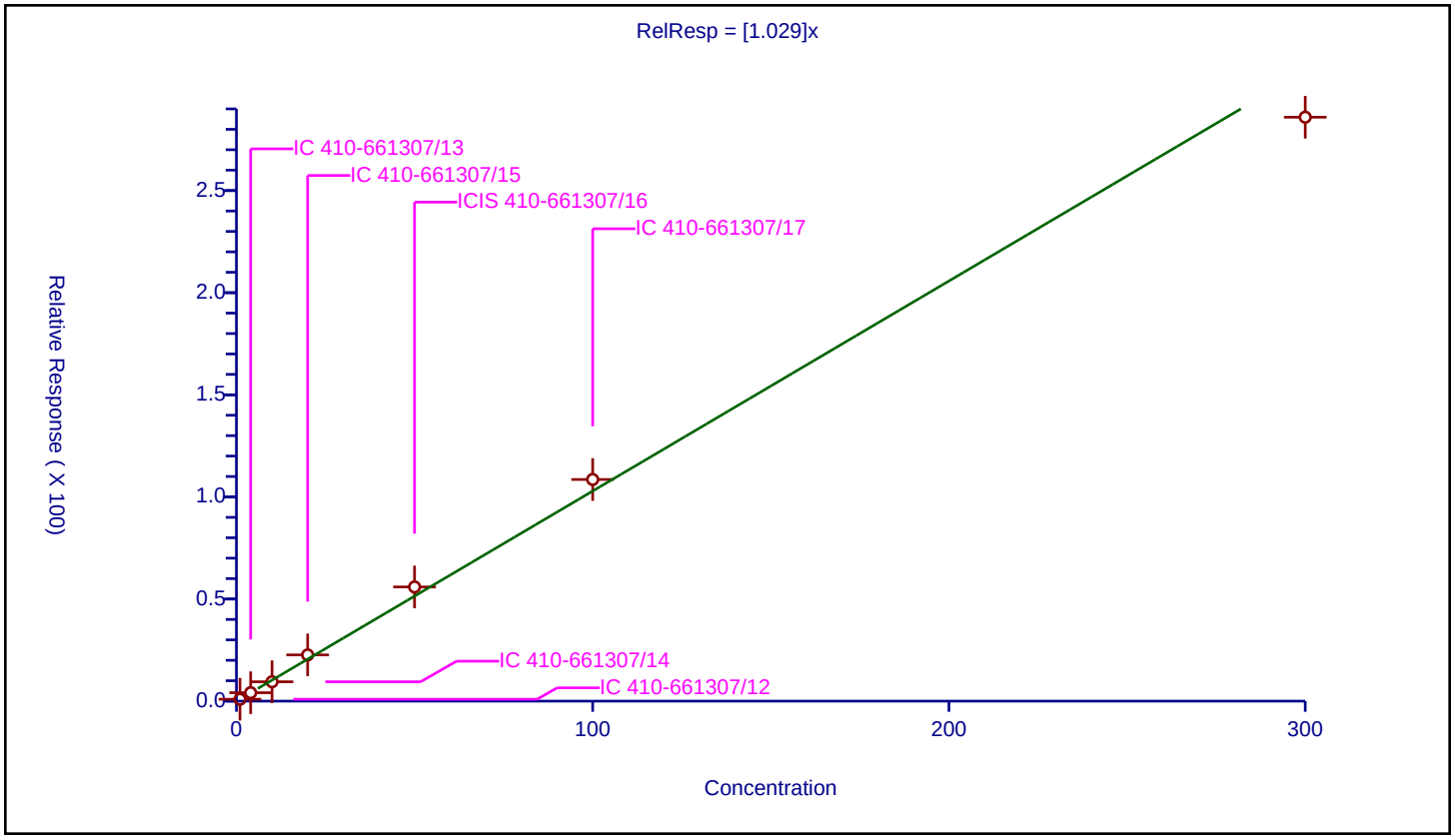
Curve Coefficients

Intercept:	0
Slope:	1.029

Error Coefficients

Relative Standard Deviation:	8.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.931048	50.0	379250.0	0.931048	Y
2	IC 410-661307/13	4.0	4.126444	50.0	372306.0	1.031611	Y
3	IC 410-661307/14	10.0	9.489445	50.0	371439.0	0.948945	Y
4	IC 410-661307/15	20.0	22.63801	50.0	373615.0	1.1319	Y
5	ICIS 410-661307/16	50.0	55.920908	50.0	372882.0	1.118418	Y
6	IC 410-661307/17	100.0	108.539776	50.0	373025.0	1.085398	Y
7	IC 410-661307/18	300.0	285.931565	50.0	398598.0	0.953105	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

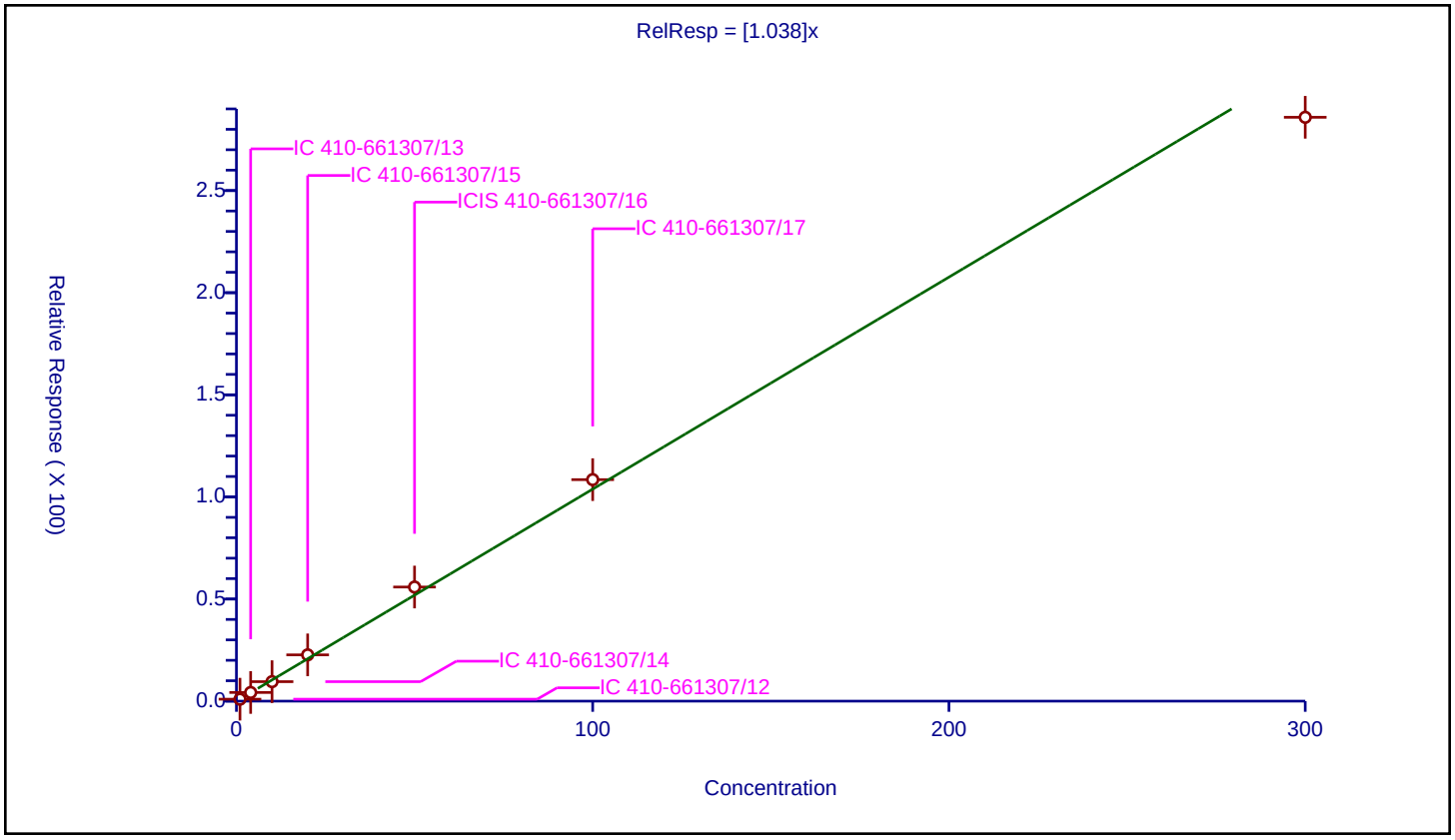
Curve Coefficients

Intercept:	0
Slope:	1.038

Error Coefficients

Relative Standard Deviation:	7.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.963349	50.0	379250.0	0.963349	Y
2	IC 410-661307/13	4.0	4.243687	50.0	372306.0	1.060922	Y
3	IC 410-661307/14	10.0	9.540867	50.0	371439.0	0.954087	Y
4	IC 410-661307/15	20.0	22.663437	50.0	373615.0	1.133172	Y
5	ICIS 410-661307/16	50.0	55.882424	50.0	372882.0	1.117648	Y
6	IC 410-661307/17	100.0	108.461765	50.0	373025.0	1.084618	Y
7	IC 410-661307/18	300.0	285.88879	50.0	398598.0	0.952963	Y



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Calibration / 2-Ethylhexyl acrylate

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

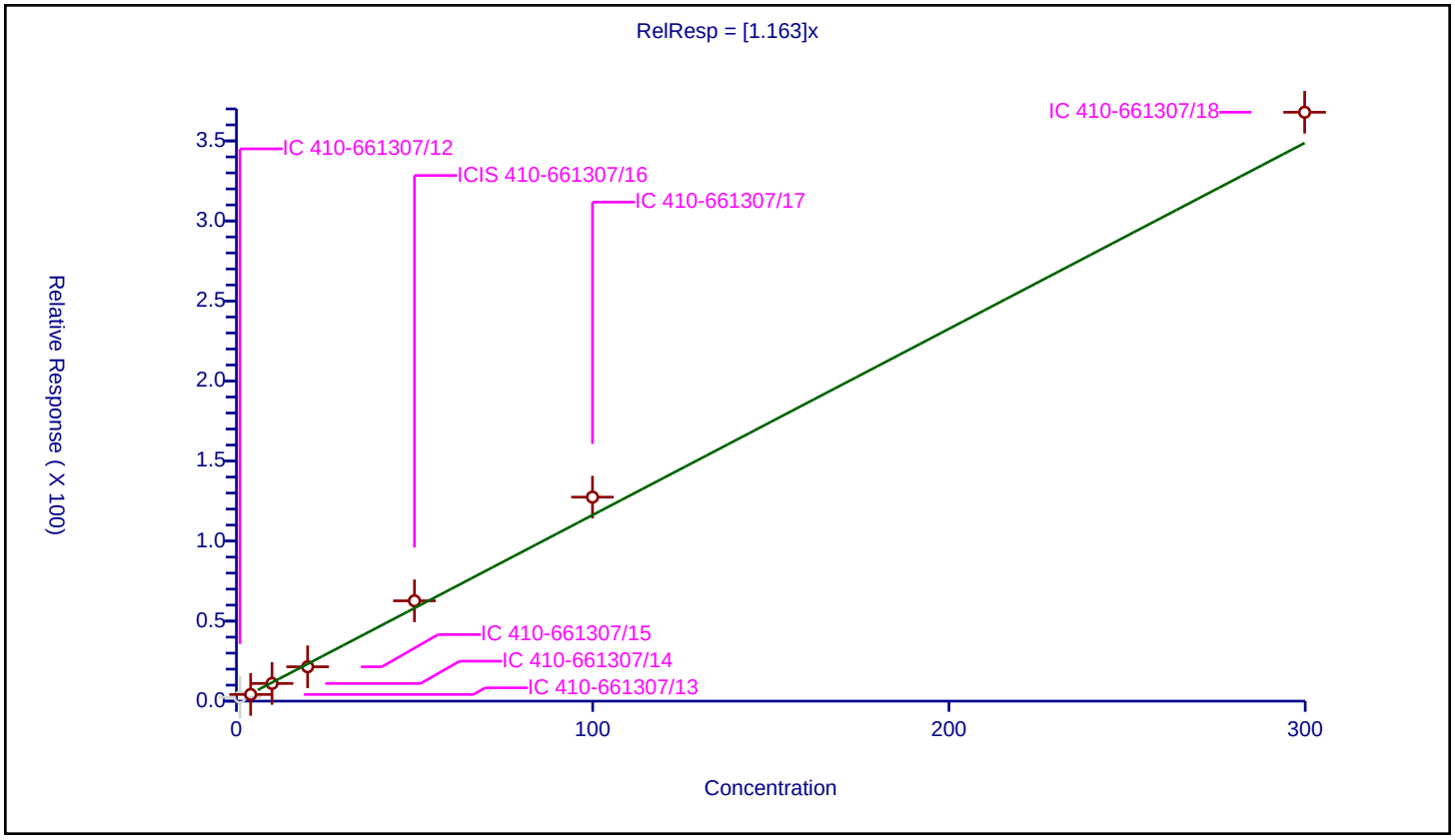
Curve Coefficients

Intercept:	0
Slope:	1.163

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	0.999472	2.47383	50.0	379250.0	2.475138	N
2	IC 410-661307/13	3.997886	4.166868	50.0	372306.0	1.042268	Y
3	IC 410-661307/14	9.994716	11.042459	50.0	371439.0	1.10483	Y
4	IC 410-661307/15	19.989432	21.469026	50.0	373615.0	1.074019	Y
5	ICIS 410-661307/16	49.97358	62.683905	50.0	372882.0	1.254341	Y
6	IC 410-661307/17	99.94716	127.452852	50.0	373025.0	1.275202	Y
7	IC 410-661307/18	299.84148	367.89585	50.0	398598.0	1.226968	Y



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Calibration / Hexachlorobutadiene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

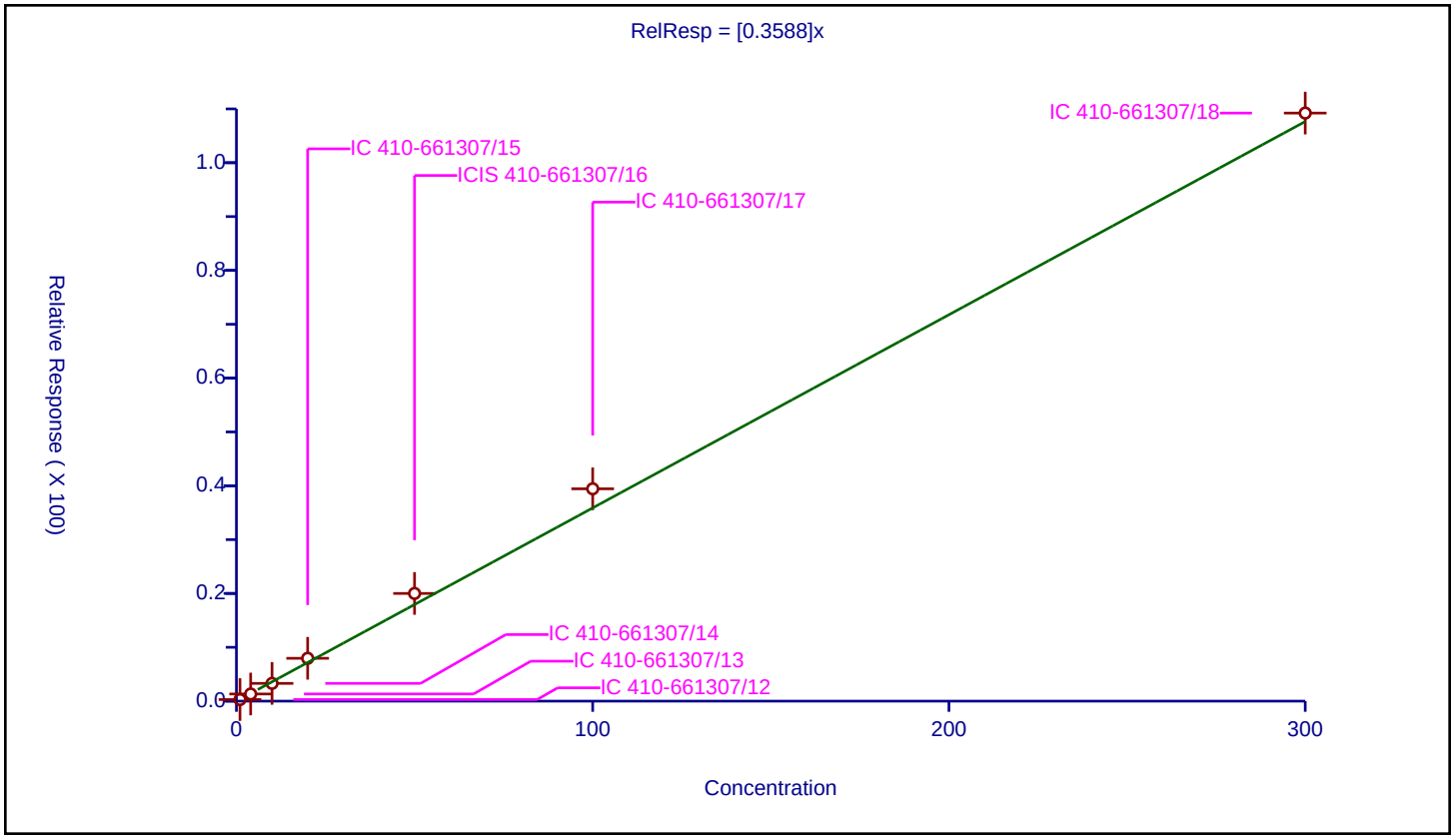
Curve Coefficients

Intercept:	0
Slope:	0.3588

Error Coefficients

Relative Standard Deviation:	11.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	0.293474	50.0	379250.0	0.293474	Y
2	IC 410-661307/13	4.0	1.329551	50.0	372306.0	0.332388	Y
3	IC 410-661307/14	10.0	3.297042	50.0	371439.0	0.329704	Y
4	IC 410-661307/15	20.0	7.956185	50.0	373615.0	0.397809	Y
5	ICIS 410-661307/16	50.0	20.00244	50.0	372882.0	0.400049	Y
6	IC 410-661307/17	100.0	39.440386	50.0	373025.0	0.394404	Y
7	IC 410-661307/18	300.0	109.221948	50.0	398598.0	0.364073	Y



Calibration / Naphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

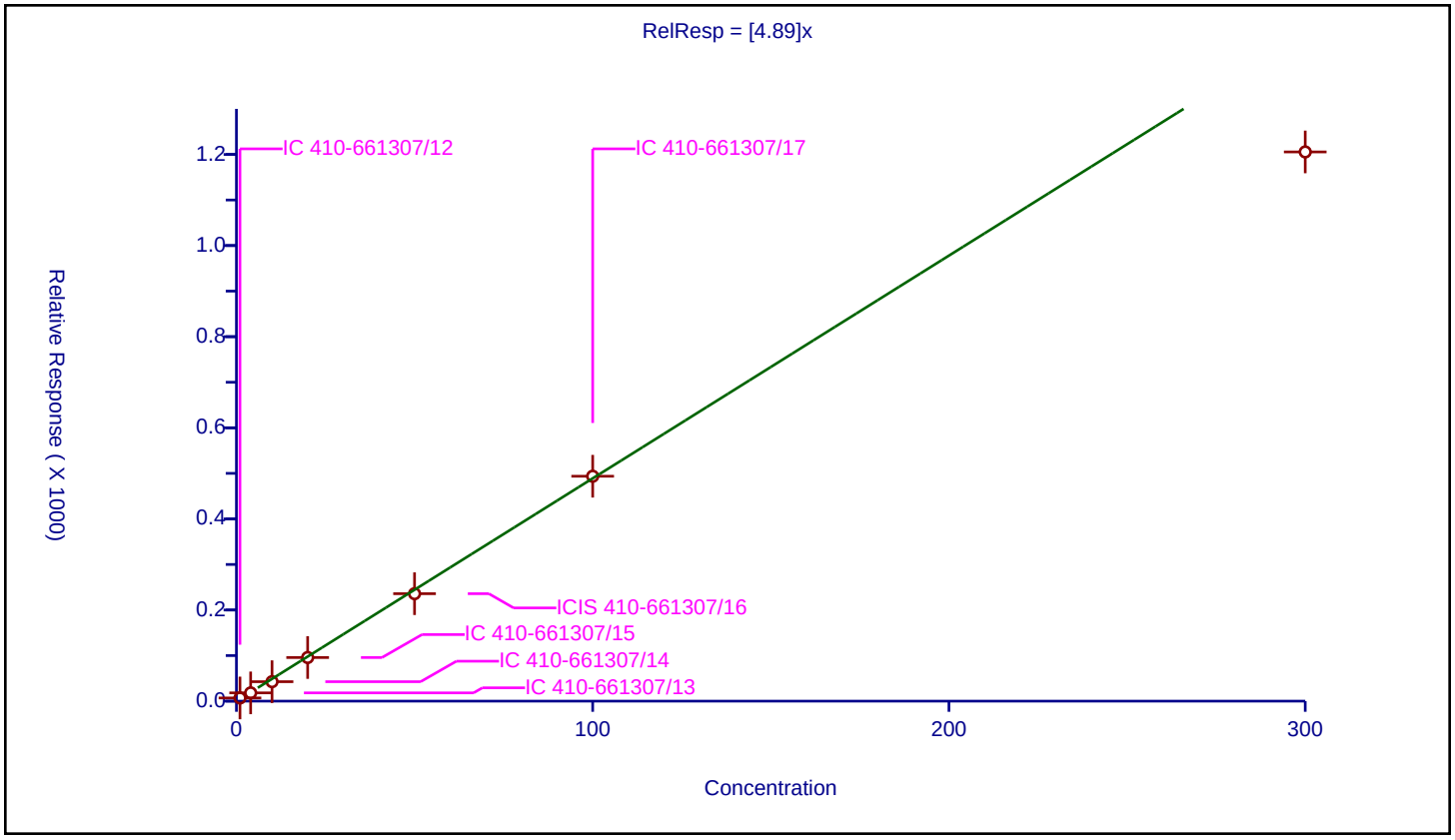
Curve Coefficients

Intercept:	0
Slope:	4.89

Error Coefficients

Relative Standard Deviation:	19.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	6.957416	50.0	379250.0	6.957416	Y
2	IC 410-661307/13	4.0	18.154287	50.0	372306.0	4.538572	Y
3	IC 410-661307/14	10.0	42.720877	50.0	371439.0	4.272088	Y
4	IC 410-661307/15	20.0	95.73197	50.0	373615.0	4.786599	Y
5	ICIS 410-661307/16	50.0	235.868318	50.0	372882.0	4.717366	Y
6	IC 410-661307/17	100.0	493.711279	50.0	373025.0	4.937113	Y
7	IC 410-661307/18	300.0	1205.539541	50.0	398598.0	4.018465	Y



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Calibration / 1,2,3-Trichlorobenzene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

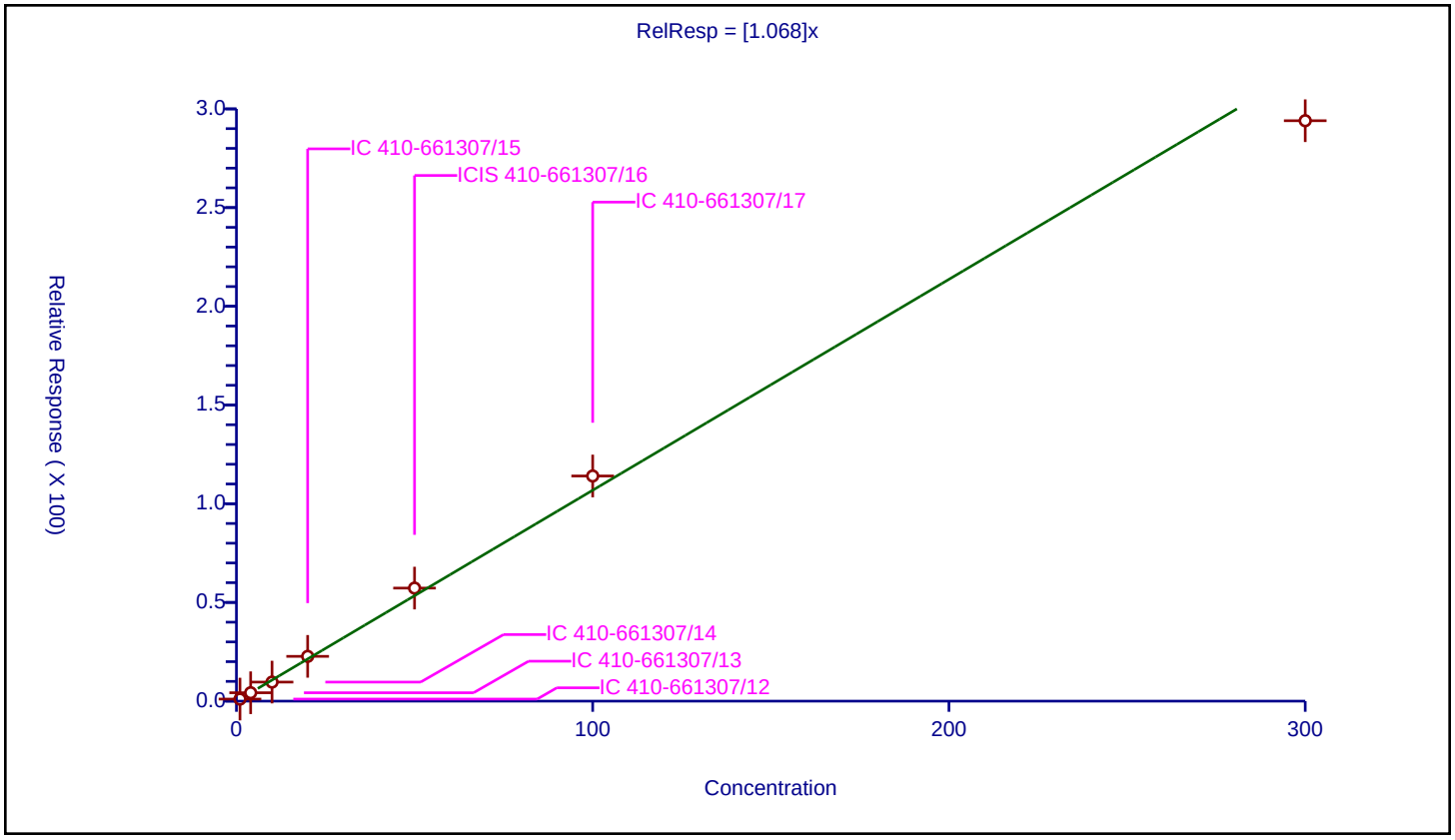
Curve Coefficients

Intercept:	0
Slope:	1.068

Error Coefficients

Relative Standard Deviation:	7.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	1.047198	50.0	379250.0	1.047198	Y
2	IC 410-661307/13	4.0	4.263026	50.0	372306.0	1.065756	Y
3	IC 410-661307/14	10.0	9.65071	50.0	371439.0	0.965071	Y
4	IC 410-661307/15	20.0	22.680299	50.0	373615.0	1.134015	Y
5	ICIS 410-661307/16	50.0	57.266374	50.0	372882.0	1.145327	Y
6	IC 410-661307/17	100.0	114.051739	50.0	373025.0	1.140517	Y
7	IC 410-661307/18	300.0	294.010256	50.0	398598.0	0.980034	Y



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Calibration / 2-Methylnaphthalene

Curve Type:	Average
Weighting:	Conc_Sq
Origin:	Force
Dependency:	Response
Calib Mode:	ISTD
Response Base:	AREA
RF Rounding:	0

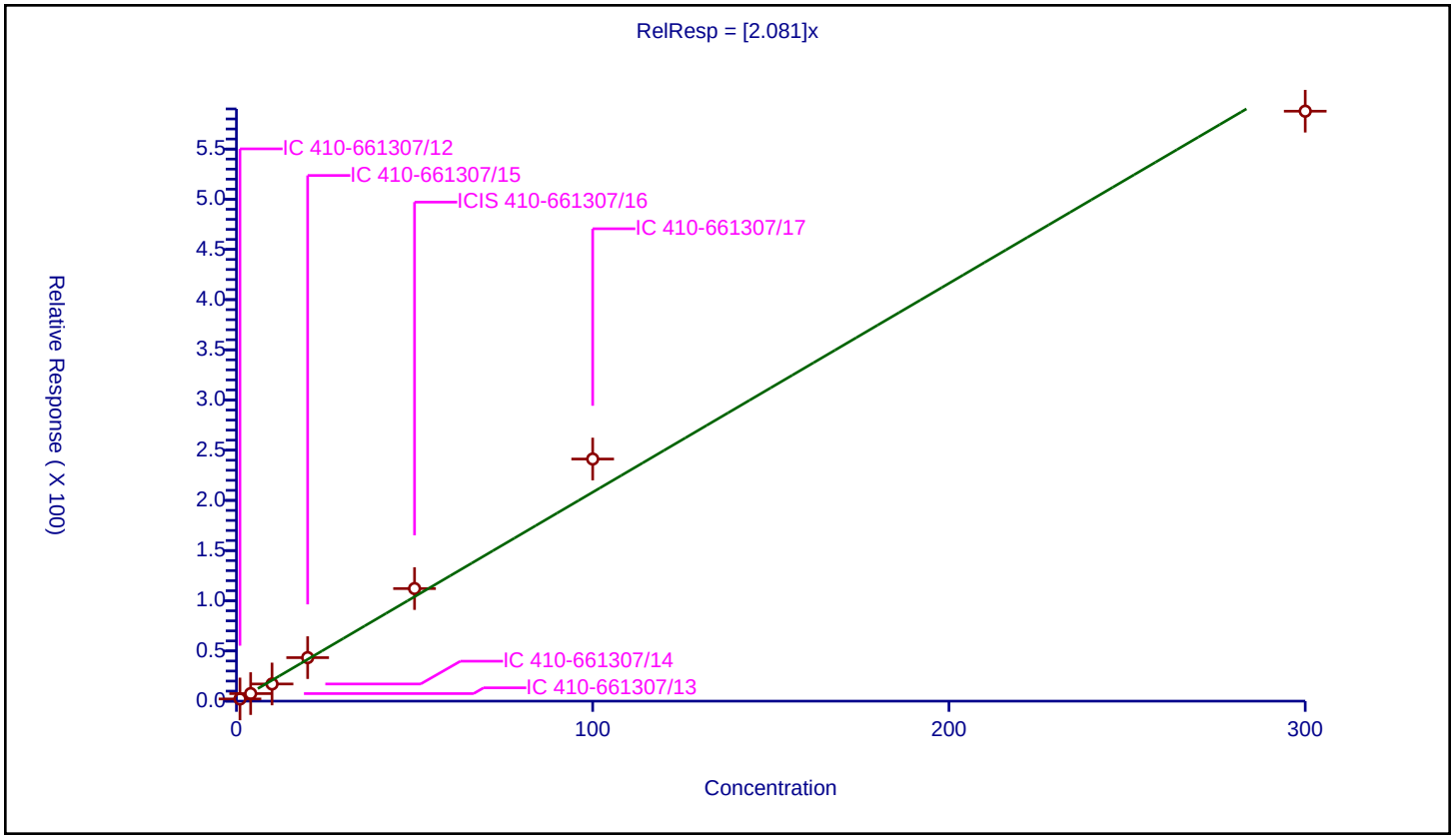
Curve Coefficients

Intercept:	0
Slope:	2.081

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-661307/12	1.0	2.191958	50.0	379250.0	2.191958	Y
2	IC 410-661307/13	4.0	7.534125	50.0	372306.0	1.883531	Y
3	IC 410-661307/14	10.0	17.108058	50.0	371439.0	1.710806	Y
4	IC 410-661307/15	20.0	43.344753	50.0	373615.0	2.167238	Y
5	ICIS 410-661307/16	50.0	112.148213	50.0	372882.0	2.242964	Y
6	IC 410-661307/17	100.0	241.189867	50.0	373025.0	2.411899	Y
7	IC 410-661307/18	300.0	587.729868	50.0	398598.0	1.9591	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: ICV 410-658909/20 Calibration Date: 06/17/2025 21:44

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UU17X20.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	0.4734	0.4516	0.1000	19.1	20.0	-4.6	30.0
Chloromethane	Ave	0.4855	0.4867	0.1000	20.0	20.0	0.2	30.0
1,3-Butadiene	Ave	0.5252	0.4957		18.9	20.0	-5.6	30.0
Vinyl chloride	Ave	0.4897	0.4948	0.1000	20.2	20.0	1.0	30.0
Bromomethane	Ave	0.3458	0.3641	0.1000	21.1	20.0	5.3	30.0
Chloroethane	Ave	0.2808	0.3022	0.1000	21.5	20.0	7.6	30.0
Dichlorofluoromethane	Ave	0.7595	0.7742		20.4	20.0	1.9	30.0
n-Pentane	Ave	0.4833	0.4733		19.6	20.0	-2.1	30.0
Trichlorofluoromethane	Ave	0.5659	0.5835	0.1000	20.6	20.0	3.1	30.0
Ethanol	Ave	0.0542	0.0577		1060	1000	6.4	30.0
Freon 123a	Ave	0.3701	0.3752		20.3	20.0	1.4	30.0
Acrolein	Ave	1.517	1.301		126	146	-14.2	30.0
1,1-Dichloroethene	Ave	0.2849	0.2986	0.1000	21.0	20.0	4.8	30.0
Acetone	Ave	0.7334	0.6847	0.1000	233	250	-6.6	30.0
Freon 113	Ave	0.3285	0.3140	0.1000	19.1	20.0	-4.4	30.0
Methyl iodide	Ave	0.5547	0.5212		18.8	20.0	-6.0	30.0
2-Propanol	Ave	0.7210	0.6454		134	150	-10.5	30.0
Carbon disulfide	Ave	0.8500	0.8573	0.1000	20.2	20.0	0.9	30.0
Methyl acetate	Ave	0.3512	0.3524	0.1000	20.1	20.0	0.4	30.0
Allyl chloride	Ave	0.3931	0.3769		19.2	20.0	-4.1	30.0
Methylene Chloride	Ave	0.3239	0.3285	0.1000	20.3	20.0	1.4	30.0
t-Butyl alcohol	Ave	1.090	1.032		189	200	-5.4	30.0
Acrylonitrile	Ave	0.1847	0.1859		101	100	0.7	30.0
trans-1,2-Dichloroethene	Ave	0.2790	0.2861	0.1000	20.5	20.0	2.6	30.0
Methyl tertiary butyl ether	Ave	0.9073	0.8919	0.1000	19.7	20.0	-1.7	30.0
n-Hexane	Ave	0.3874	0.3706		19.1	20.0	-4.3	30.0
1,1-Dichloroethane	Ave	0.4880	0.4972	0.2000	20.4	20.0	1.9	30.0
Isopropyl ether	Ave	0.8019	0.7804		19.5	20.0	-2.7	30.0
2-Chloro-1,3-butadiene	Ave	0.4242	0.4117		19.4	20.0	-2.9	30.0
Ethyl t-butyl ether	Ave	0.8379	0.8126		19.4	20.0	-3.0	30.0
2-Butanone	Ave	0.2511	0.2452	0.1000	244	250	-2.4	30.0
cis-1,2-Dichloroethene	Ave	0.3323	0.3287	0.1000	19.8	20.0	-1.1	30.0
2,2-Dichloropropane	Ave	0.4417	0.4440		20.1	20.0	0.5	30.0
Propionitrile	Ave	1.144	1.054		138	150	-7.9	30.0
Methyl acrylate	Ave	0.4405	0.5329		24.2	20.0	21.0	30.0
Methacrylonitrile	Ave	0.1806	0.1835		152	150	1.6	30.0
Bromochloromethane	Ave	0.1620	0.1603		19.8	20.0	-1.0	30.0
Tetrahydrofuran	Ave	1.085	0.9567		88.1	100	-11.9	30.0
Chloroform	Ave	0.4964	0.4928	0.2000	19.9	20.0	-0.7	30.0
1,1,1-Trichloroethane	Ave	0.4514	0.4519	0.1000	20.0	20.0	0.1	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: ICV 410-658909/20 Calibration Date: 06/17/2025 21:44

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UU17X20.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.5408	0.5306	0.1000	19.6	20.0	-1.9	30.0
1,1-Dichloropropene	Ave	0.4114	0.3988		19.4	20.0	-3.1	30.0
Carbon tetrachloride	Ave	0.3564	0.3611	0.1000	20.3	20.0	1.3	30.0
Isobutyl alcohol	Ave	0.3342	0.2984		447	500	-10.7	30.0
Benzene	Ave	1.232	1.205	0.5000	19.6	20.0	-2.2	30.0
1,2-Dichloroethane	Ave	0.3652	0.3612	0.1000	19.8	20.0	-1.1	30.0
t-Amyl methyl ether	Ave	0.8236	0.8206		19.9	20.0	-0.4	30.0
n-Heptane	Ave	0.3453	0.3453		20.0	20.0	0.0	30.0
n-Butanol	Ave	0.2363	0.2385		1010	1000	0.9	30.0
Trichloroethene	Ave	0.3043	0.2982	0.2000	19.6	20.0	-2.0	30.0
Ethyl acrylate	Ave	0.4174	0.4534		21.7	20.0	8.6	30.0
Methylcyclohexane	Ave	0.5865	0.5656	0.1000	19.3	20.0	-3.6	30.0
1,2-Dichloropropane	Ave	0.2800	0.2828	0.1000	20.2	20.0	1.0	30.0
t-Amyl ethyl ether	Ave	0.4189	0.4091		19.5	20.0	-2.3	30.0
Methyl methacrylate	Ave	0.2464	0.2471		20.1	20.0	0.3	30.0
1,4-Dioxane	Ave	0.0613	0.0617	0.0050	504	500	0.7	30.0
Dibromomethane	Ave	0.1834	0.1835		20.0	20.0	0.0	30.0
Bromodichloromethane	Ave	0.3240	0.3266	0.2000	20.2	20.0	0.8	30.0
2-Nitropropane	Ave	1.350	1.043		15.5	20.0	-22.7	30.0
2-Chloroethyl vinyl ether	Ave	0.1849	0.1726		18.7	20.0	-6.7	30.0
cis-1,3-Dichloropropene	Ave	0.3968	0.3928	0.2000	19.8	20.0	-1.0	30.0
4-Methyl-2-pentanone	Ave	0.4543	0.4675	0.1000	257	250	2.9	30.0
Toluene	Ave	1.070	1.063	0.4000	19.9	20.0	-0.7	30.0
trans-1,3-Dichloropropene	Ave	0.5075	0.4995	0.1000	19.7	20.0	-1.6	30.0
Ethyl methacrylate	Ave	0.6121	0.6058		19.8	20.0	-1.0	30.0
1,1,2-Trichloroethane	Ave	0.3540	0.3508	0.1000	19.8	20.0	-0.9	30.0
Tetrachloroethene	Ave	0.4484	0.4327	0.2000	19.3	20.0	-3.5	30.0
1,3-Dichloropropane	Ave	0.5913	0.5745		19.4	20.0	-2.9	30.0
2-Hexanone	Ave	0.4525	0.4747	0.1000	262	250	4.9	30.0
Dibromochloromethane	Ave	0.3392	0.3323		19.6	20.0	-2.0	30.0
1,2-Dibromoethane	Ave	0.3730	0.3590	0.1000	19.2	20.0	-3.8	30.0
1-Chlorohexane	Ave	0.5907	0.5589		18.9	20.0	-5.4	30.0
Chlorobenzene	Ave	1.155	1.136	0.5000	19.7	20.0	-1.7	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3974	0.3980		20.0	20.0	0.2	30.0
Ethylbenzene	Ave	2.137	2.090	0.1000	19.6	20.0	-2.2	30.0
m&p-Xylene	Ave	0.8447	0.8193	0.1000	38.8	40.0	-3.0	30.0
n-Butyl acrylate	Ave	0.8032	0.8943		22.2	20.0	11.3	30.0
o-Xylene	Ave	0.8648	0.8578	0.3000	19.8	20.0	-0.8	30.0
Styrene	Ave	1.290	1.283	0.3000	19.9	20.0	-0.6	30.0
Bromoform	Ave	0.2267	0.2260	0.1000	19.9	20.0	-0.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: ICV 410-658909/20 Calibration Date: 06/17/2025 21:44

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UU17X20.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropylbenzene	Ave	2.054	2.320	0.1000	22.6	20.0	12.9	30.0
Cyclohexanone	Ave	0.2259	0.2285		506	500	1.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.215	1.216	0.3000	20.0	20.0	0.0	30.0
Bromobenzene	Ave	0.8647	0.8477		19.6	20.0	-2.0	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3045	0.3222		106	100	5.8	30.0
1,2,3-Trichloropropane	Ave	0.3887	0.3919		20.2	20.0	0.8	30.0
N-Propylbenzene	Ave	4.737	4.714		19.9	20.0	-0.5	30.0
2-Chlorotoluene	Ave	0.9485	0.9390		19.8	20.0	-1.0	30.0
1,3,5-Trimethylbenzene	Ave	3.466	3.435		19.8	20.0	-0.9	30.0
4-Chlorotoluene	Ave	0.8958	0.8699		19.4	20.0	-2.9	30.0
tert-Butylbenzene	Ave	0.6843	0.6500		19.0	20.0	-5.0	30.0
1,2,4-Trimethylbenzene	Ave	3.504	3.455		19.7	20.0	-1.4	30.0
sec-Butylbenzene	Ave	4.372	4.336		19.8	20.0	-0.8	30.0
1,3-Dichlorobenzene	Ave	1.704	1.662	0.6000	19.5	20.0	-2.5	30.0
p-Isopropyltoluene	Ave	3.850	3.714		19.3	20.0	-3.5	30.0
1,4-Dichlorobenzene	Ave	1.682	1.647	0.5000	19.6	20.0	-2.1	30.0
1,2,3-Trimethylbenzene	Ave	3.594	3.516		19.6	20.0	-2.2	30.0
Benzyl chloride	Ave	2.187	2.150		19.7	20.0	-1.7	30.0
1,3-Diethylbenzene	Ave	2.149	2.161		20.1	20.0	0.5	30.0
1,4-Diethylbenzene	Ave	2.303	2.258		19.6	20.0	-2.0	30.0
n-Butylbenzene	Ave	1.851	1.788		19.3	20.0	-3.4	30.0
1,2-Dichlorobenzene	Ave	1.721	1.695	0.4000	19.7	20.0	-1.6	30.0
1,2-Diethylbenzene	Ave	1.782	1.762		19.8	20.0	-1.1	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3297	0.3312	0.0500	20.1	20.0	0.5	30.0
1,3,5-Trichlorobenzene	Ave	1.230	1.214		19.7	20.0	-1.3	30.0
1,2,4-Trichlorobenzene	Ave	1.172	1.167	0.2000	19.9	20.0	-0.4	30.0
2-Ethylhexyl acrylate	Ave	1.129	1.244		22.1	20.1	10.2	30.0
Hexachlorobutadiene	Ave	0.4130	0.3970		19.2	20.0	-3.9	30.0
Naphthalene	Ave	4.692	4.810		20.5	20.0	2.5	30.0
1,2,3-Trichlorobenzene	Ave	1.166	1.174		20.1	20.0	0.6	30.0
2-Methylnaphthalene	Ave	2.266	2.605		23.0	20.0	14.9	30.0
Dibromofluoromethane (Surr)	Ave	0.2411	0.2413		50.0	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0636	0.0653		51.4	50.0	2.8	30.0
Toluene-d8 (Surr)	Ave	1.376	1.370		49.8	50.0	-0.4	30.0
4-Bromofluorobenzene (Surr)	Ave	0.4947	0.4984		50.4	50.0	0.8	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X20.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 17-Jun-2025 21:44:35 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 410-0150677-020, 0
Operator ID: jml01693 Instrument ID: 23090
Sublist:

Method: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 18-Jun-2025 19:36:03 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1693

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.886	1.892	-0.006	99	200888	20.0	19.1	
6 Chloromethane	50	2.093	2.099	-0.006	99	216484	20.0	20.0	
8 Butadiene	39	2.203	2.197	0.006	90	220497	20.0	18.9	
7 Vinyl chloride	62	2.209	2.215	-0.006	98	220116	20.0	20.2	
10 Bromomethane	94	2.557	2.562	-0.005	90	161948	20.0	21.1	
11 Chloroethane	64	2.611	2.617	-0.006	99	134447	20.0	21.5	
12 Dichlorofluoromethane	67	2.892	2.898	-0.006	97	344376	20.0	20.4	
14 Pentane	43	2.928	2.934	-0.006	96	210551	20.0	19.6	
13 Trichlorofluoromethane	101	2.947	2.953	-0.006	97	259540	20.0	20.6	
16 Ethanol	45	3.136	3.166	-0.030	96	103604	1000.1	1063.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.264	3.276	-0.012	91	166900	20.0	20.3	
18 Acrolein	56	3.325	3.331	-0.006	100	341869	146.3	125.5	
19 1,1-Dichloroethene	96	3.483	3.483	0.000	97	132846	20.0	21.0	
21 Acetone	58	3.514	3.520	-0.006	100	307422	250.0	233.4	
20 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.520	3.526	-0.006	54	139685	20.0	19.1	
23 Iodomethane	142	3.678	3.690	-0.012	98	231849	20.0	18.8	
24 Isopropyl alcohol	45	3.739	3.770	-0.031	89	173866	150.0	134.3	
25 Carbon disulfide	76	3.831	3.818	0.013	98	381367	20.0	20.2	
26 Methyl acetate	43	3.910	3.922	-0.012	96	156766	20.0	20.1	
27 3-Chloro-1-propene	41	3.940	3.940	0.000	91	167637	20.0	19.2	
28 Methylene Chloride	84	4.148	4.154	-0.006	89	146125	20.0	20.3	a
* 29 t-Butyl alcohol-d10 (IS)	65	4.227	4.233	-0.006	98	448997	250.0	250.0	
30 2-Methyl-2-propanol	59	4.349	4.367	-0.018	99	370700	200.0	189.3	M
32 Acrylonitrile	53	4.477	4.495	-0.018	98	413534	100.0	100.7	
34 trans-1,2-Dichloroethene	96	4.538	4.544	-0.006	99	127262	20.0	20.5	
33 Methyl tert-butyl ether	73	4.562	4.568	-0.006	94	396727	20.0	19.7	
36 Hexane	57	4.983	4.989	-0.006	90	164873	20.0	19.1	
37 1,1-Dichloroethane	63	5.233	5.239	-0.006	96	221159	20.0	20.4	
38 Isopropyl ether	45	5.288	5.300	-0.012	94	347157	20.0	19.5	
39 2-Chloro-1,3-butadiene	53	5.336	5.342	-0.006	90	183139	20.0	19.4	
41 Tert-butyl ethyl ether	59	5.842	5.842	0.000	97	361486	20.0	19.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 2-Butanone (MEK)	43	6.074	6.086	-0.012	99	1363271	250.0	244.1	
44 cis-1,2-Dichloroethene	96	6.080	6.092	-0.012	79	146202	20.0	19.8	
45 2,2-Dichloropropane	77	6.099	6.104	-0.006	86	197512	20.0	20.1	
46 Propionitrile	54	6.172	6.184	-0.012	97	283981	150.0	138.2	
183 Methyl acrylate	55	6.196	6.196	0.000	99	236894	20.0	24.2	
47 Methacrylonitrile	67	6.385	6.385	0.000	91	612266	150.0	152.4	
48 Chlorobromomethane	128	6.422	6.428	-0.006	93	71304	20.0	19.8	
49 Tetrahydrofuran	71	6.434	6.440	-0.006	90	171818	100.0	88.1	
50 Chloroform	83	6.574	6.580	-0.006	92	219214	20.0	19.9	
$ 51 Dibromofluoromethane (Surr)	113	6.800	6.799	0.001	93	268302	50.0	50.0	
52 1,1,1-Trichloroethane	97	6.800	6.806	-0.006	98	201011	20.0	20.0	
53 Cyclohexane	56	6.903	6.903	0.000	89	236022	20.0	19.6	
56 Carbon tetrachloride	117	7.013	7.013	0.000	96	160634	20.0	20.3	
55 1,1-Dichloropropene	75	7.013	7.019	-0.006	97	177407	20.0	19.4	
57 Isobutyl alcohol	41	7.220	7.226	-0.006	95	267975	500.0	446.5	
$ 59 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.263	0.000	94	72649	50.0	51.4	
60 Benzene	78	7.287	7.287	0.000	96	535978	20.0	19.6	
61 1,2-Dichloroethane	62	7.360	7.372	-0.012	98	160670	20.0	19.8	M
62 Tert-amyl methyl ether	73	7.476	7.476	0.000	99	365017	20.0	19.9	
* 63 Fluorobenzene (IS)	96	7.696	7.702	-0.006	99	1112089	50.0	50.0	
64 n-Heptane	43	7.708	7.708	0.000	90	153609	20.0	20.0	
66 n-Butanol	56	8.080	8.104	-0.024	86	428294	1000.0	1009.1	
67 Trichloroethene	95	8.177	8.177	0.000	98	132665	20.0	19.6	
178 Ethyl acrylate	55	8.299	8.299	0.000	99	201461	20.0	21.7	
68 Methylcyclohexane	83	8.476	8.482	-0.006	87	251600	20.0	19.3	
70 2-ethoxy-2-methyl butane	87	8.525	8.519	0.006	94	181983	20.0	19.5	
69 1,2-Dichloropropane	63	8.519	8.519	0.000	74	125780	20.0	20.2	
71 Methyl methacrylate	69	8.604	8.604	0.000	88	109941	20.0	20.1	
72 1,4-Dioxane	88	8.629	8.622	0.006	40	55417	500.0	503.7	M
73 Dibromomethane	93	8.629	8.628	0.000	97	81615	20.0	20.0	
75 Dichlorobromomethane	83	8.866	8.866	0.000	100	145274	20.0	20.2	
76 2-Nitropropane	41	9.153	9.153	0.000	99	37471	20.0	15.5	
78 2-Chloroethyl vinyl ether	63	9.232	9.238	-0.006	91	76766	20.0	18.7	
79 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	174722	20.0	19.8	
80 4-Methyl-2-pentanone (MIBK)	43	9.598	9.604	-0.006	96	2599280	250.0	257.3	
$ 81 Toluene-d8 (Surr)	98	9.726	9.732	-0.006	93	1041893	50.0	49.8	
82 Toluene	92	9.805	9.805	0.000	98	323323	20.0	19.9	
105 trans-1,3-Dichloropropene	75	10.073	10.073	0.000	91	151891	20.0	19.7	
106 Ethyl methacrylate	69	10.134	10.134	0.000	88	184229	20.0	19.8	
107 1,1,2-Trichloroethane	97	10.281	10.280	0.001	90	106668	20.0	19.8	
108 Tetrachloroethene	166	10.360	10.360	0.000	97	131595	20.0	19.3	
109 1,3-Dichloropropane	76	10.445	10.445	0.000	88	174697	20.0	19.4	
110 2-Hexanone	43	10.500	10.500	0.000	96	1804340	250.0	262.2	
111 Chlorodibromomethane	129	10.659	10.658	0.001	89	101042	20.0	19.6	
112 Ethylene Dibromide	107	10.774	10.774	0.000	99	109180	20.0	19.2	
* 114 Chlorobenzene-d5 (IS)	117	11.207	11.207	0.000	85	760268	50.0	50.0	
115 1-Chlorohexane	91	11.219	11.219	0.000	95	169975	20.0	18.9	
116 Chlorobenzene	112	11.238	11.238	0.000	95	345350	20.0	19.7	
117 1,1,1,2-Tetrachloroethane	131	11.323	11.323	0.000	96	121035	20.0	20.0	
118 Ethylbenzene	91	11.323	11.323	0.000	98	635711	20.0	19.6	
119 m-Xylene & p-Xylene	106	11.439	11.445	-0.006	100	498320	40.0	38.8	
272 n-Butyl acrylate	55	11.725	11.725	0.000	97	271730	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
120 o-Xylene	106	11.780	11.780	0.000	95	260874	20.0	19.8	
121 Styrene	104	11.793	11.792	0.001	94	390191	20.0	19.9	
122 Bromoform	173	11.957	11.957	0.000	97	68728	20.0	19.9	
123 Isopropylbenzene	105	12.085	12.085	0.000	95	705542	20.0	22.6	
124 Cyclohexanone	55	12.170	12.170	0.000	90	205198	499.9	505.8	
$ 125 4-Bromofluorobenzene (Surr)	95	12.231	12.231	0.000	88	378898	50.0	50.4	
126 1,1,2,2-Tetrachloroethane	83	12.341	12.341	0.000	95	201485	20.0	20.0	
127 Bromobenzene	156	12.353	12.353	0.000	94	140513	20.0	19.6	
128 trans-1,4-Dichloro-2-butene	53	12.366	12.365	0.001	91	267003	100.0	105.8	
129 1,2,3-Trichloropropane	110	12.390	12.390	0.000	83	64956	20.0	20.2	
130 N-Propylbenzene	91	12.420	12.420	0.000	99	781447	20.0	19.9	
131 2-Chlorotoluene	126	12.500	12.500	0.000	97	155638	20.0	19.8	
132 1,3,5-Trimethylbenzene	105	12.561	12.560	0.001	94	569441	20.0	19.8	
133 4-Chlorotoluene	126	12.597	12.597	0.000	97	144195	20.0	19.4	
134 tert-Butylbenzene	134	12.811	12.810	0.001	92	107746	20.0	19.0	
136 1,2,4-Trimethylbenzene	105	12.853	12.853	0.000	97	572606	20.0	19.7	
137 sec-Butylbenzene	105	12.981	12.981	0.000	94	718789	20.0	19.8	
138 1,3-Dichlorobenzene	146	13.079	13.079	0.000	97	275406	20.0	19.5	
139 4-Isopropyltoluene	119	13.091	13.091	0.000	97	615621	20.0	19.3	
* 140 1,4-Dichlorobenzene-d4	152	13.140	13.140	0.000	94	414390	50.0	50.0	
141 1,4-Dichlorobenzene	146	13.158	13.158	0.000	95	273080	20.0	19.6	
142 1,2,3-Trimethylbenzene	105	13.170	13.170	0.000	98	582828	20.0	19.6	
143 Benzyl chloride	91	13.237	13.237	0.000	98	356403	20.0	19.7	
144 1,3-Diethylbenzene	119	13.298	13.298	0.000	95	358127	20.0	20.1	
145 p-Diethylbenzene	119	13.371	13.371	0.000	93	374277	20.0	19.6	
146 n-Butylbenzene	92	13.390	13.390	0.000	97	296424	20.0	19.3	
147 1,2-Dichlorobenzene	146	13.426	13.426	0.000	98	280901	20.0	19.7	
148 o-diethylbenzene	119	13.445	13.444	0.001	95	292071	20.0	19.8	
150 1,2-Dibromo-3-Chloropropane	75	13.987	13.981	0.006	92	54892	20.0	20.1	
151 1,3,5-Trichlorobenzene	180	14.115	14.115	0.000	98	201286	20.0	19.7	
152 1,2,4-Trichlorobenzene	180	14.554	14.554	0.000	95	193475	20.0	19.9	
267 2-Ethylhexyl acrylate	55	14.615	14.615	0.000	79	206680	20.1	22.1	
153 Hexachlorobutadiene	225	14.640	14.639	0.001	96	65810	20.0	19.2	
154 Naphthalene	128	14.743	14.743	0.000	97	797291	20.0	20.5	
155 1,2,3-Trichlorobenzene	180	14.889	14.889	0.000	96	194523	20.0	20.1	
156 2-Methylnaphthalene	142	15.524	15.523	0.001	92	431746	20.0	23.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_VOC#1_00224	Amount Added:	50.00	Units: uL	
MSV_LCS_2CEVE_00233	Amount Added:	50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added:	50.00	Units: uL	
MSV_LCS_ETOH_00010	Amount Added:	50.00	Units: uL	
MSV_Q_Acr_Std_00012	Amount Added:	2.00	Units: uL	
MSV_LCS_ACROL_00231	Amount Added:	50.00	Units: uL	
MSV_QC_2K_GAS_00305	Amount Added:	1.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

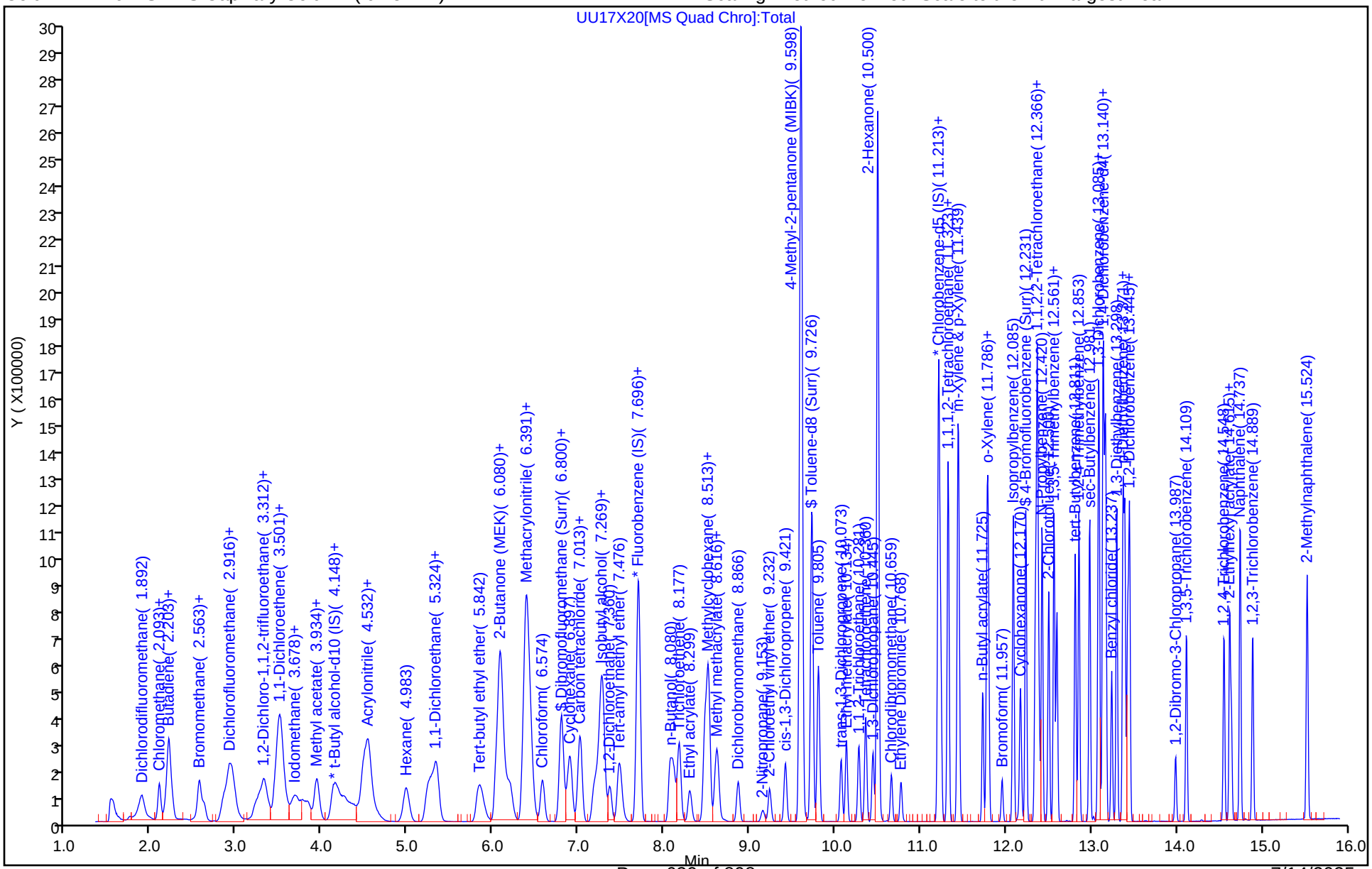
Report Date: 18-Jun-2025 19:37:30 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X20.D

Injection Date:	17-Jun-2025 21:44:35	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	ICV			Worklist Smp#:	20
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	20
Method:	MSV_8260_5mL_HP34	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

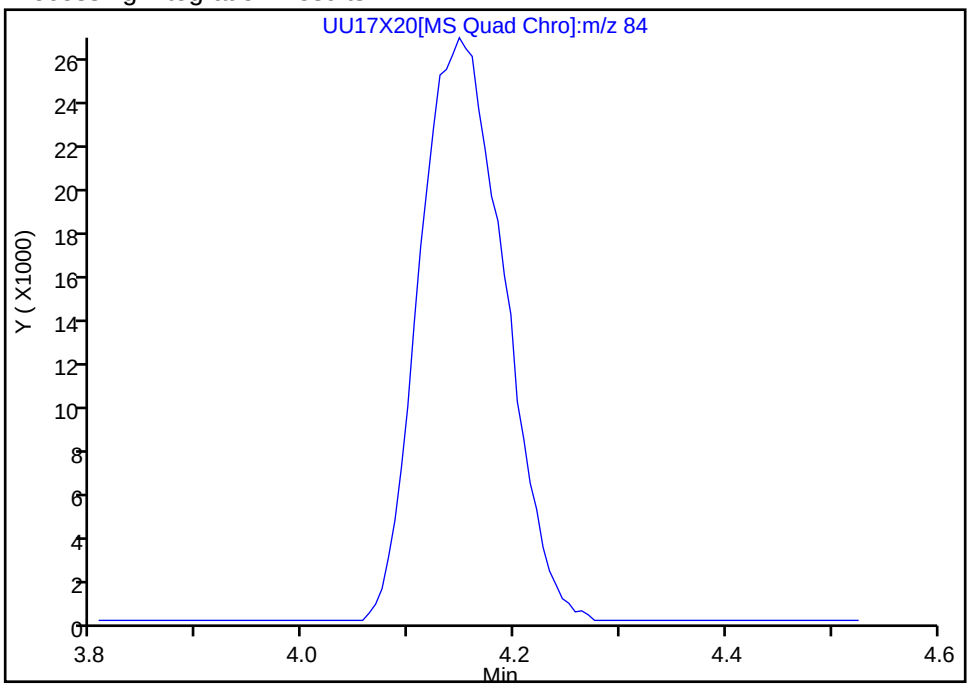
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X20.D
Injection Date: 17-Jun-2025 21:44:35 Instrument ID: 23090
Lims ID: ICV
Client ID:
Operator ID: jml01693 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

28 Methylene Chloride, CAS: 75-09-2

Signal: 1

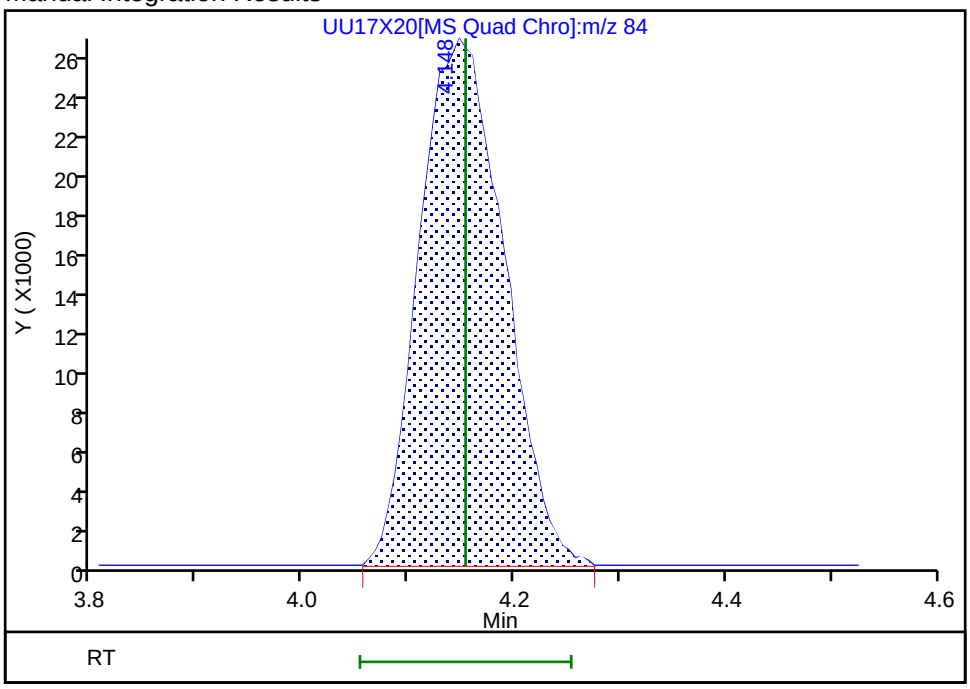
Not Detected
Expected RT: 4.15

Processing Integration Results



Manual Integration Results

RT: 4.15
Area: 146125
Amount: 20.283937
Amount Units: ug/l



Reviewer: TQ4J, 18-Jun-2025 09:30:17 -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

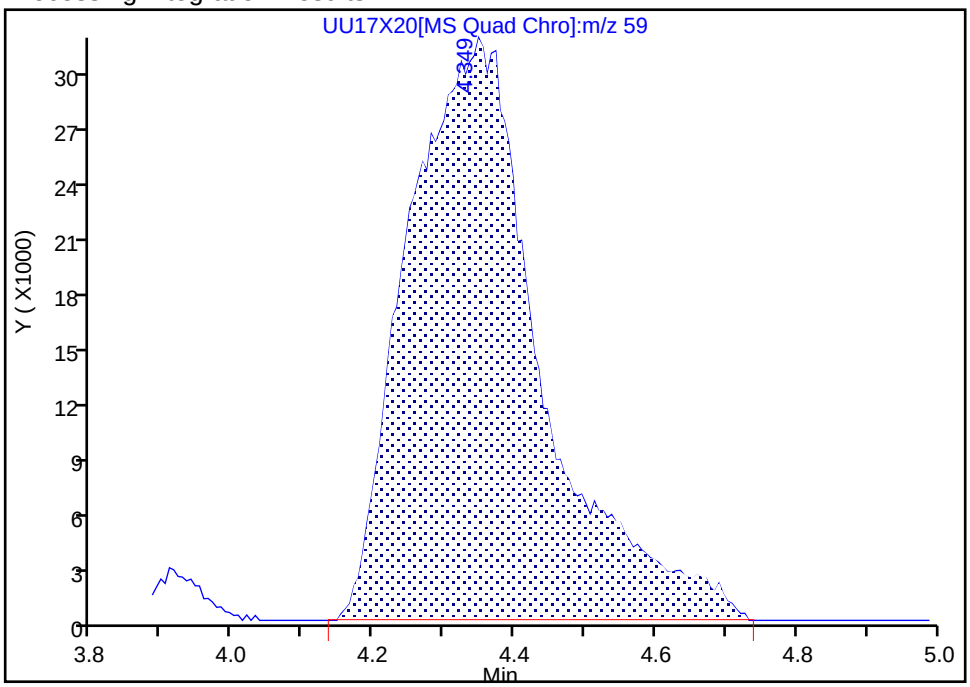
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X20.D				
Injection Date:	17-Jun-2025 21:44:35	Instrument ID:	23090		
Lims ID:	ICV				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

30 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

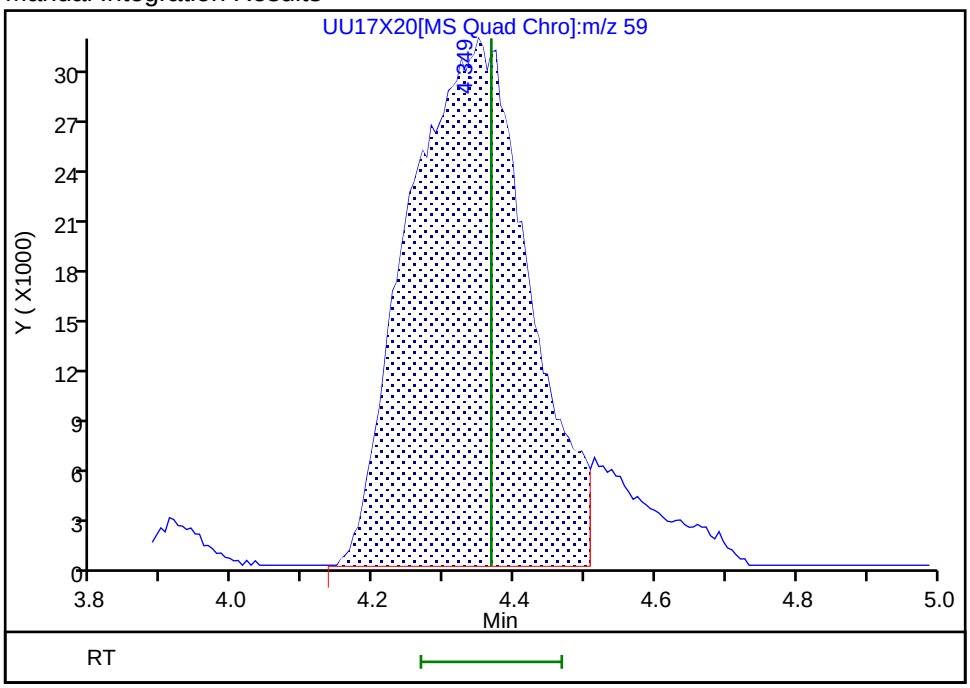
Processing Integration Results

RT: 4.35
Area: 411139
Amount: 209.9277
Amount Units: ug/l



Manual Integration Results

RT: 4.35
Area: 370700
Amount: 189.2795
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:35:43 -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

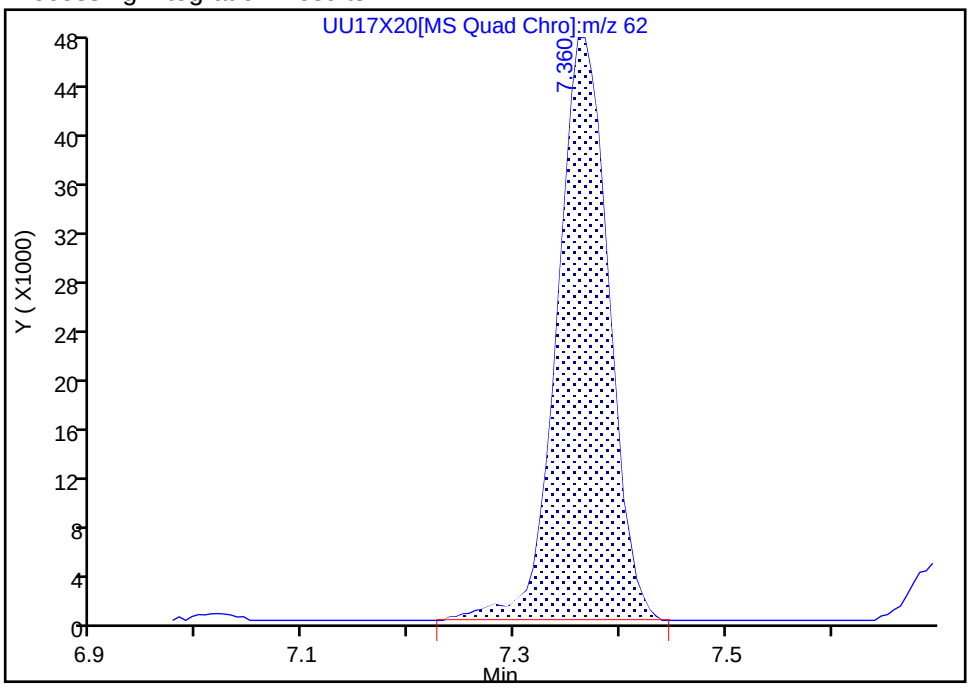
Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X20.D				
Injection Date:	17-Jun-2025 21:44:35	Instrument ID:	23090		
Lims ID:	ICV				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	20	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

61 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

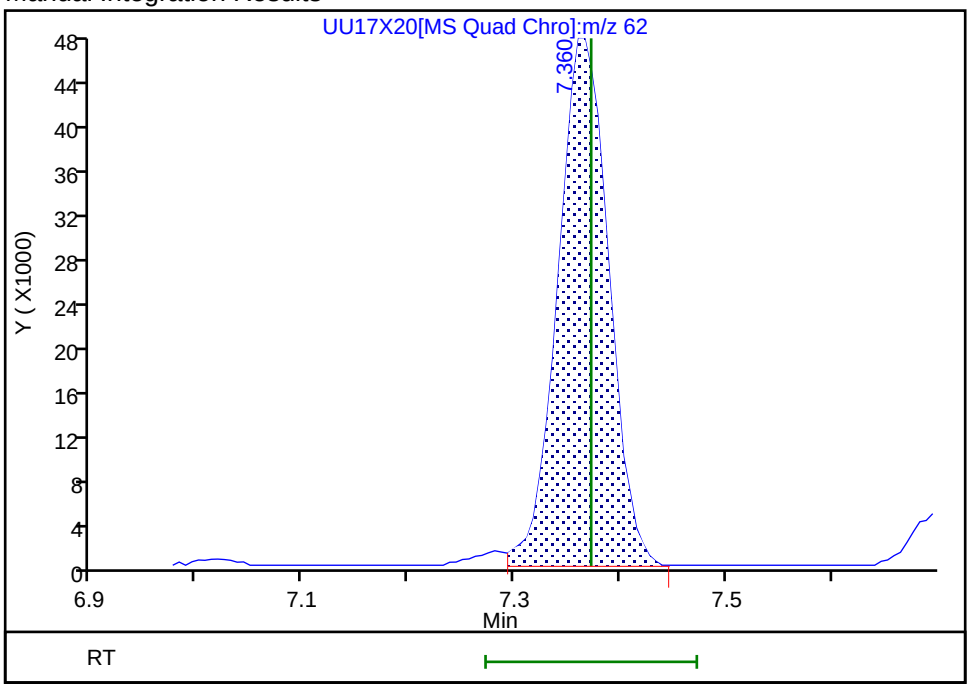
Processing Integration Results

RT: 7.36
Area: 163231
Amount: 20.097204
Amount Units: ug/l



Manual Integration Results

RT: 7.36
Area: 160670
Amount: 19.781891
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:34:39 -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

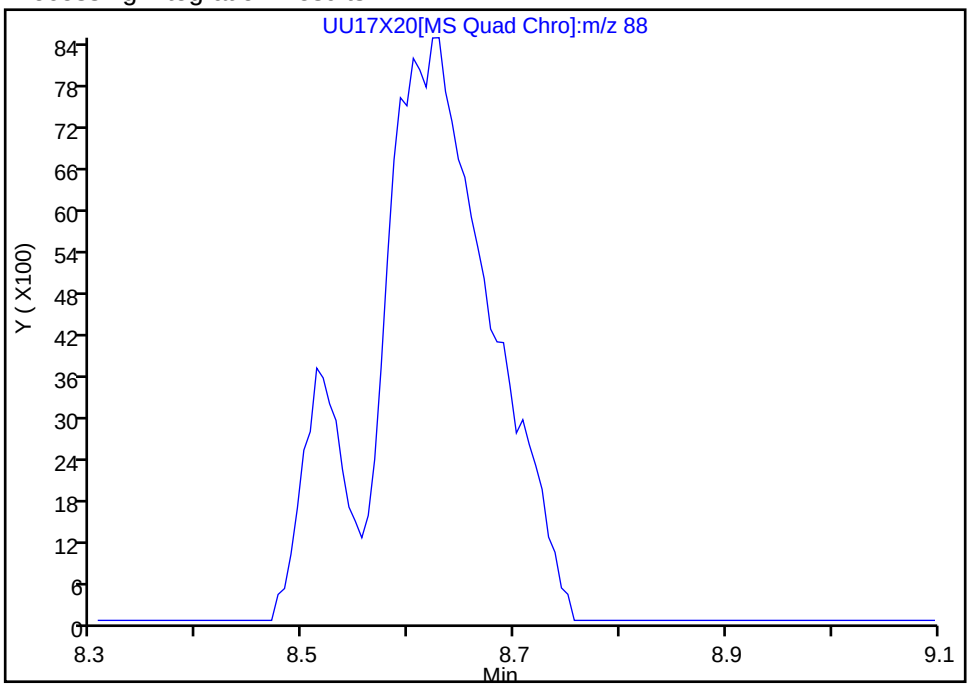
Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X20.D
Injection Date: 17-Jun-2025 21:44:35 Instrument ID: 23090
Lims ID: ICV
Client ID:
Operator ID: jml01693 ALS Bottle#: 20 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

72 1,4-Dioxane, CAS: 123-91-1

Signal: 1

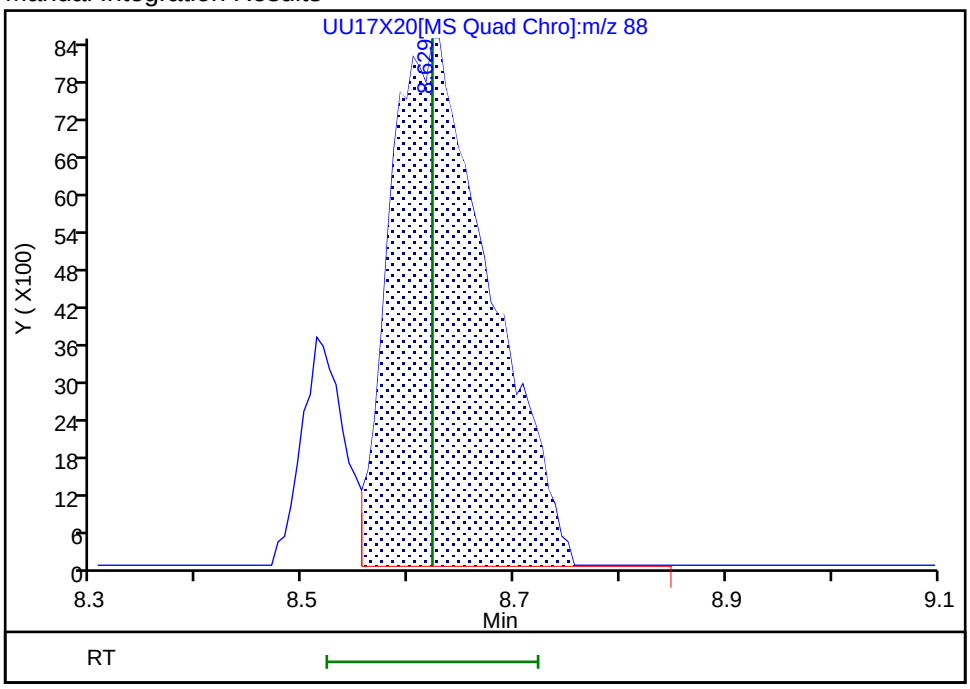
Not Detected
Expected RT: 8.62

Processing Integration Results



Manual Integration Results

RT: 8.63
Area: 55417
Amount: 503.7388
Amount Units: ug/l



Reviewer: UKEK, 18-Jun-2025 19:36:00 -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.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-669131/3 Calibration Date: 07/09/2025 20:53

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UL09X32.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	0.4734	0.5406	0.1000	57.1	50.0	14.2	20.0
Chloromethane	Ave	0.4855	0.5840	0.1000	60.1	50.0	20.3*	20.0
1,3-Butadiene	Ave	0.5252	0.5320		50.6	50.0	1.3	20.0
Vinyl chloride	Ave	0.4897	0.5422	0.1000	55.4	50.0	10.7	20.0
Bromomethane	Ave	0.3458	0.3420	0.1000	49.5	50.0	-1.1	20.0
Chloroethane	Ave	0.2808	0.2946	0.1000	52.5	50.0	4.9	20.0
Dichlorofluoromethane	Ave	0.7595	0.7065		46.5	50.0	-7.0	20.0
n-Pentane	Ave	0.4833	0.3892		40.3	50.0	-19.5	20.0
Trichlorofluoromethane	Ave	0.5659	0.5741	0.1000	50.7	50.0	1.5	20.0
Freon 123a	Ave	0.3701	0.3742		50.6	50.0	1.1	20.0
Acrolein	Ave	1.517	1.617		520	488	6.6	20.0
1,1-Dichloroethene	Ave	0.2849	0.2538	0.1000	44.6	50.0	-10.9	20.0
Acetone	Ave	0.7334	0.9302	0.1000	127	100	26.8*	20.0
Freon 113	Ave	0.3285	0.2831	0.1000	43.1	50.0	-13.8	20.0
Methyl iodide	Ave	0.5547	0.4530		40.8	50.0	-18.3	20.0
2-Propanol	Ave	0.7210	0.3756		130	250	-47.9*	20.0
Carbon disulfide	Ave	0.8500	0.7970	0.1000	46.9	50.0	-6.2	20.0
Methyl acetate	Ave	0.3512	0.3568	0.1000	50.8	50.0	1.6	20.0
Allyl chloride	Ave	0.3931	0.3897		49.6	50.0	-0.9	20.0
Methylene Chloride	Ave	0.3239	0.3125	0.1000	48.2	50.0	-3.5	20.0
t-Butyl alcohol	Ave	1.090	1.184		271	250	8.5	20.0
Acrylonitrile	Ave	0.1847	0.1955		132	125	5.9	20.0
trans-1,2-Dichloroethene	Ave	0.2790	0.2712	0.1000	48.6	50.0	-2.8	20.0
Methyl tertiary butyl ether	Ave	0.9073	0.8051	0.1000	44.4	50.0	-11.3	20.0
n-Hexane	Ave	0.3874	0.3520		45.4	50.0	-9.1	20.0
1,1-Dichloroethane	Ave	0.4880	0.4743	0.2000	48.6	50.0	-2.8	20.0
Isopropyl ether	Ave	0.8019	0.7914		49.3	50.0	-1.3	20.0
2-Chloro-1,3-butadiene	Ave	0.4242	0.3973		46.8	50.0	-6.3	20.0
Ethyl t-butyl ether	Ave	0.8379	0.7407		44.2	50.0	-11.6	20.0
2-Butanone	Ave	0.2511	0.2613	0.1000	104	100	4.1	20.0
cis-1,2-Dichloroethene	Ave	0.3323	0.3135	0.1000	47.2	50.0	-5.7	20.0
2,2-Dichloropropane	Ave	0.4417	0.4426		50.1	50.0	0.2	20.0
Propionitrile	Ave	1.144	1.276		279	250	11.5	20.0
Methacrylonitrile	Ave	0.1806	0.1841		127	125	1.9	20.0
Bromochloromethane	Ave	0.1620	0.1511		46.6	50.0	-6.7	20.0
Tetrahydrofuran	Ave	1.085	1.105		255	250	1.9	20.0
Chloroform	Ave	0.4964	0.4792	0.2000	48.3	50.0	-3.4	20.0
1,1,1-Trichloroethane	Ave	0.4514	0.4244	0.1000	47.0	50.0	-6.0	20.0
Cyclohexane	Ave	0.5408	0.5031	0.1000	46.5	50.0	-7.0	20.0
1,1-Dichloropropene	Ave	0.4114	0.3916		47.6	50.0	-4.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-669131/3 Calibration Date: 07/09/2025 20:53

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UL09X32.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	0.3564	0.3613	0.1000	50.7	50.0	1.4	20.0
Isobutyl alcohol	Ave	0.3342	0.3587		671	625	7.4	20.0
Benzene	Ave	1.232	1.185	0.5000	48.1	50.0	-3.8	20.0
1,2-Dichloroethane	Ave	0.3652	0.3478	0.1000	47.6	50.0	-4.8	20.0
t-Amyl methyl ether	Ave	0.8236	0.7345		44.6	50.0	-10.8	20.0
n-Heptane	Ave	0.3453	0.3403		49.3	50.0	-1.5	20.0
n-Butanol	Ave	0.2363	0.2600		688	625	10.0	20.0
Trichloroethene	Ave	0.3043	0.2896	0.2000	47.6	50.0	-4.8	20.0
Methylcyclohexane	Ave	0.5865	0.5406	0.1000	46.1	50.0	-7.8	20.0
1,2-Dichloropropane	Ave	0.2800	0.2920	0.1000	52.1	50.0	4.3	20.0
t-Amyl ethyl ether	Ave	0.4189	0.3987		47.6	50.0	-4.8	20.0
1,4-Dioxane	Ave	0.0613	0.0668	0.0050	682	625	9.0	20.0
Methyl methacrylate	Ave	0.2464	0.2505		50.8	50.0	1.6	20.0
Dibromomethane	Ave	0.1834	0.1855		50.6	50.0	1.2	20.0
Bromodichloromethane	Ave	0.3240	0.3411	0.2000	52.6	50.0	5.3	20.0
2-Nitropropane	Ave	1.350	1.579		292	250	17.0	20.0
2-Chloroethyl vinyl ether	Ave	0.1849	0.1918		51.9	50.0	3.7	20.0
cis-1,3-Dichloropropene	Ave	0.3968	0.4308	0.2000	54.3	50.0	8.6	20.0
4-Methyl-2-pentanone	Ave	0.4543	0.4865	0.1000	107	100	7.1	20.0
Toluene	Ave	1.070	1.020	0.4000	47.7	50.0	-4.7	20.0
trans-1,3-Dichloropropene	Ave	0.5075	0.5503	0.1000	54.2	50.0	8.4	20.0
Ethyl methacrylate	Ave	0.6121	0.5944		48.6	50.0	-2.9	20.0
1,1,2-Trichloroethane	Ave	0.3540	0.3514	0.1000	49.6	50.0	-0.7	20.0
Tetrachloroethene	Ave	0.4484	0.4013	0.2000	44.7	50.0	-10.5	20.0
1,3-Dichloropropane	Ave	0.5913	0.6092		51.5	50.0	3.0	20.0
2-Hexanone	Ave	0.4525	0.4942	0.1000	109	100	9.2	20.0
Dibromochloromethane	Ave	0.3392	0.3680		54.2	50.0	8.5	20.0
1,2-Dibromoethane	Ave	0.3730	0.3766	0.1000	50.5	50.0	1.0	20.0
1-Chlorohexane	Ave	0.5907	0.5395		45.7	50.0	-8.7	20.0
Chlorobenzene	Ave	1.155	1.128	0.5000	48.8	50.0	-2.4	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3974	0.4085		51.4	50.0	2.8	20.0
Ethylbenzene	Ave	2.137	2.058	0.1000	48.1	50.0	-3.7	20.0
m&p-Xylene	Ave	0.8447	0.8040	0.1000	95.2	100	-4.8	20.0
o-Xylene	Ave	0.8648	0.8175	0.3000	47.3	50.0	-5.5	20.0
Styrene	Ave	1.290	1.237	0.3000	47.9	50.0	-4.2	20.0
Bromoform	Ave	0.2267	0.2509	0.1000	55.3	50.0	10.7	20.0
Isopropylbenzene	Ave	2.054	1.911	0.1000	46.5	50.0	-7.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.215	1.304	0.3000	53.7	50.0	7.3	20.0
Bromobenzene	Ave	0.8647	0.8463		48.9	50.0	-2.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3045	0.3008		123	125	-1.2	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-669131/3 Calibration Date: 07/09/2025 20:53

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UL09X32.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	0.3887	0.3975		51.1	50.0	2.3	20.0
N-Propylbenzene	Ave	4.737	4.747		50.1	50.0	0.2	20.0
2-Chlorotoluene	Ave	0.9485	0.9287		49.0	50.0	-2.1	20.0
1,3,5-Trimethylbenzene	Ave	3.466	3.385		48.8	50.0	-2.3	20.0
4-Chlorotoluene	Ave	0.8958	0.8990		50.2	50.0	0.4	20.0
tert-Butylbenzene	Ave	0.6843	0.6640		48.5	50.0	-3.0	20.0
1,2,4-Trimethylbenzene	Ave	3.504	3.437		49.0	50.0	-1.9	20.0
sec-Butylbenzene	Ave	4.372	4.302		49.2	50.0	-1.6	20.0
1,3-Dichlorobenzene	Ave	1.704	1.639	0.6000	48.1	50.0	-3.8	20.0
p-Isopropyltoluene	Ave	3.850	3.723		48.4	50.0	-3.3	20.0
1,4-Dichlorobenzene	Ave	1.682	1.628	0.5000	48.4	50.0	-3.2	20.0
1,2,3-Trimethylbenzene	Ave	3.594	3.524		49.0	50.0	-2.0	20.0
Benzyl chloride	Ave	2.187	2.540		58.1	50.0	16.1	20.0
1,3-Diethylbenzene	Ave	2.149	2.049		47.7	50.0	-4.7	20.0
1,4-Diethylbenzene	Ave	2.303	2.218		48.2	50.0	-3.7	20.0
n-Butylbenzene	Ave	1.851	1.830		49.4	50.0	-1.2	20.0
1,2-Dichlorobenzene	Ave	1.721	1.670	0.4000	48.5	50.0	-3.0	20.0
1,2-Diethylbenzene	Ave	1.782	1.754		49.2	50.0	-1.6	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3297	0.3711	0.0500	56.3	50.0	12.6	20.0
1,3,5-Trichlorobenzene	Ave	1.230	1.110		45.1	50.0	-9.8	20.0
1,2,4-Trichlorobenzene	Ave	1.172	1.037	0.2000	44.2	50.0	-11.5	20.0
Hexachlorobutadiene	Ave	0.4130	0.3699		44.8	50.0	-10.4	20.0
Naphthalene	Ave	4.692	4.438		47.3	50.0	-5.4	20.0
1,2,3-Trichlorobenzene	Ave	1.166	1.034		44.3	50.0	-11.3	20.0
2-Methylnaphthalene	Ave	2.266	2.128		47.0	50.0	-6.1	20.0
Dibromofluoromethane (Surr)	Ave	0.2411	0.2398		49.7	50.0	-0.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0636	0.0637		50.1	50.0	0.3	20.0
Toluene-d8 (Surr)	Ave	1.376	1.390		50.5	50.0	1.0	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4947	0.4912		49.7	50.0	-0.7	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X32.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 09-Jul-2025 20:53:56 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0152932-003
Operator ID: gaw91131 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub5

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 21:37:37

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.898	1.898	0.000	99	519665	50.0	57.1	
4 Chloromethane	50	2.099	2.099	0.000	99	561447	50.0	60.1	
5 Butadiene	39	2.209	2.209	0.000	92	511420	50.0	50.6	
6 Vinyl chloride	62	2.215	2.215	0.000	98	521263	50.0	55.4	
8 Bromomethane	94	2.575	2.575	0.000	90	328762	50.0	49.5	
9 Chloroethane	64	2.629	2.629	0.000	100	283188	50.0	52.5	
10 Dichlorofluoromethane	67	2.910	2.910	0.000	97	679207	50.0	46.5	
11 Pentane	43	2.946	2.946	0.000	97	374178	50.0	40.3	
12 Trichlorofluoromethane	101	2.971	2.971	0.000	97	551903	50.0	50.7	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.288	3.288	0.000	92	359696	50.0	50.6	
16 Acrolein	56	3.343	3.343	0.000	100	1071798	487.9	520.1	
17 1,1-Dichloroethene	96	3.501	3.501	0.000	98	244031	50.0	44.6	
18 Acetone	58	3.513	3.513	0.000	87	126393	100.0	126.8	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.532	3.532	0.000	94	272176	50.0	43.1	
20 Iodomethane	142	3.708	3.708	0.000	98	435486	50.0	40.8	
21 Isopropyl alcohol	45	3.727	3.727	0.000	99	127583	250.0	130.2	
22 Carbon disulfide	76	3.788	3.788	0.000	99	766199	50.0	46.9	M
23 Methyl acetate	43	3.934	3.934	0.000	98	342971	50.0	50.8	
25 3-Chloro-1-propene	41	3.952	3.952	0.000	89	374663	50.0	49.6	a
26 Methylene Chloride	84	4.172	4.172	0.000	92	300431	50.0	48.2	a
* 27 t-Butyl alcohol-d10 (IS)	65	4.202	4.202	0.000	99	339697	250.0	250.0	
28 2-Methyl-2-propanol	59	4.300	4.300	0.000	100	402085	250.0	271.4	
30 Acrylonitrile	53	4.507	4.507	0.000	100	469914	125.0	132.3	
31 trans-1,2-Dichloroethene	96	4.562	4.562	0.000	100	260735	50.0	48.6	
32 Methyl tert-butyl ether	73	4.568	4.568	0.000	94	773986	50.0	44.4	
33 Hexane	57	5.001	5.001	0.000	91	338370	50.0	45.4	
34 1,1-Dichloroethane	63	5.251	5.251	0.000	96	455939	50.0	48.6	
36 Isopropyl ether	45	5.318	5.318	0.000	94	760813	50.0	49.3	
37 2-Chloro-1,3-butadiene	53	5.354	5.354	0.000	90	381972	50.0	46.8	
38 Tert-butyl ethyl ether	59	5.860	5.860	0.000	98	712083	50.0	44.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
39 2-Butanone (MEK)	43	6.080	6.080	0.000	99	502467	100.0	104.1	
40 cis-1,2-Dichloroethene	96	6.098	6.098	0.000	82	301372	50.0	47.2	
41 2,2-Dichloropropane	77	6.117	6.117	0.000	88	425466	50.0	50.1	
44 Propionitrile	54	6.178	6.178	0.000	99	433402	250.0	278.8	
46 Methacrylonitrile	67	6.397	6.397	0.000	94	442504	125.0	127.4	
47 Chlorobromomethane	128	6.434	6.434	0.000	95	145234	50.0	46.6	
48 Tetrahydrofuran	71	6.446	6.446	0.000	88	375528	250.0	254.6	
49 Chloroform	83	6.586	6.586	0.000	93	460700	50.0	48.3	
$ 50 Dibromofluoromethane (Surr)	113	6.805	6.805	0.000	93	230502	50.0	49.7	
51 1,1,1-Trichloroethane	97	6.812	6.812	0.000	98	407969	50.0	47.0	
52 Cyclohexane	56	6.903	6.903	0.000	89	483676	50.0	46.5	
53 Carbon tetrachloride	117	7.025	7.025	0.000	95	347337	50.0	50.7	
54 1,1-Dichloropropene	75	7.025	7.025	0.000	98	376459	50.0	47.6	
55 Isobutyl alcohol	41	7.208	7.208	0.000	95	304646	625.0	671.0	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	99	61258	50.0	50.1	
57 Benzene	78	7.293	7.293	0.000	96	1139539	50.0	48.1	
58 1,2-Dichloroethane	62	7.372	7.372	0.000	97	334306	50.0	47.6	
60 Tert-amyl methyl ether	73	7.482	7.482	0.000	99	706078	50.0	44.6	
* 61 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	961337	50.0	50.0	
62 n-Heptane	43	7.714	7.714	0.000	90	327133	50.0	49.3	
64 n-Butanol	56	8.086	8.086	0.000	88	220767	625.0	687.5	
65 Trichloroethene	95	8.177	8.177	0.000	99	278440	50.0	47.6	
67 Methylcyclohexane	83	8.482	8.482	0.000	92	519672	50.0	46.1	
68 1,2-Dichloropropane	63	8.525	8.525	0.000	76	280752	50.0	52.1	
69 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	93	383298	50.0	47.6	
71 1,4-Dioxane	88	8.604	8.604	0.000	66	56723	625.0	681.5	M
70 Methyl methacrylate	69	8.610	8.610	0.000	89	240768	50.0	50.8	
72 Dibromomethane	93	8.628	8.628	0.000	96	178363	50.0	50.6	
74 Dichlorobromomethane	83	8.866	8.866	0.000	100	327914	50.0	52.6	
75 2-Nitropropane	41	9.153	9.153	0.000	97	536240	250.0	292.4	
76 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	91	184388	50.0	51.9	
77 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	414181	50.0	54.3	
78 4-Methyl-2-pentanone (MIBK)	43	9.598	9.598	0.000	95	935459	100.0	107.1	
$ 79 Toluene-d8 (Surr)	98	9.726	9.726	0.000	93	912588	50.0	50.5	
80 Toluene	92	9.805	9.805	0.000	98	669764	50.0	47.7	
120 trans-1,3-Dichloropropene	75	10.067	10.067	0.000	91	361351	50.0	54.2	
121 Ethyl methacrylate	69	10.128	10.128	0.000	88	390330	50.0	48.6	
122 1,1,2-Trichloroethane	97	10.274	10.274	0.000	90	230768	50.0	49.6	
123 Tetrachloroethene	166	10.354	10.354	0.000	96	263517	50.0	44.7	
124 1,3-Dichloropropane	76	10.439	10.439	0.000	88	400057	50.0	51.5	
126 2-Hexanone	43	10.494	10.494	0.000	95	649059	100.0	109.2	
128 Chlorodibromomethane	129	10.652	10.652	0.000	90	241644	50.0	54.2	
129 Ethylene Dibromide	107	10.762	10.762	0.000	98	247327	50.0	50.5	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	656681	50.0	50.0	
131 1-Chlorohexane	91	11.213	11.213	0.000	96	354267	50.0	45.7	
132 Chlorobenzene	112	11.225	11.225	0.000	95	740656	50.0	48.8	
134 1,1,1,2-Tetrachloroethane	131	11.311	11.311	0.000	95	268239	50.0	51.4	
135 Ethylbenzene	91	11.317	11.317	0.000	98	1351248	50.0	48.1	
136 m-Xylene & p-Xylene	106	11.433	11.433	0.000	99	1055939	100.0	95.2	
138 o-Xylene	106	11.768	11.768	0.000	96	536867	50.0	47.3	
139 Styrene	104	11.786	11.786	0.000	95	812212	50.0	47.9	
140 Bromoform	173	11.945	11.945	0.000	96	164756	50.0	55.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 Isopropylbenzene	105	12.073	12.073	0.000	95	1254921	50.0	46.5	
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	322583	50.0	49.7	
145 1,1,2,2-Tetrachloroethane	83	12.329	12.329	0.000	94	447687	50.0	53.7	
146 Bromobenzene	156	12.341	12.341	0.000	97	290556	50.0	48.9	
147 trans-1,4-Dichloro-2-butene	53	12.353	12.353	0.000	91	258154	125.0	123.5	
148 1,2,3-Trichloropropane	110	12.378	12.378	0.000	83	136473	50.0	51.1	
149 N-Propylbenzene	91	12.408	12.408	0.000	99	1629652	50.0	50.1	
150 2-Chlorotoluene	126	12.487	12.487	0.000	97	318845	50.0	49.0	
151 1,3,5-Trimethylbenzene	105	12.548	12.548	0.000	94	1162132	50.0	48.8	
152 4-Chlorotoluene	126	12.585	12.585	0.000	97	308643	50.0	50.2	
154 tert-Butylbenzene	134	12.798	12.798	0.000	93	227949	50.0	48.5	
156 1,2,4-Trimethylbenzene	105	12.841	12.841	0.000	97	1180096	50.0	49.0	
157 sec-Butylbenzene	105	12.969	12.969	0.000	94	1476998	50.0	49.2	
158 1,3-Dichlorobenzene	146	13.066	13.066	0.000	97	562558	50.0	48.1	
159 4-Isopropyltoluene	119	13.079	13.079	0.000	97	1278313	50.0	48.4	
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	95	343313	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.146	13.146	0.000	94	559069	50.0	48.4	
162 1,2,3-Trimethylbenzene	105	13.158	13.158	0.000	98	1209764	50.0	49.0	
163 Benzyl chloride	91	13.225	13.225	0.000	98	872186	50.0	58.1	
164 1,3-Diethylbenzene	119	13.286	13.286	0.000	95	703305	50.0	47.7	
165 p-Diethylbenzene	119	13.359	13.359	0.000	93	761586	50.0	48.2	
166 n-Butylbenzene	92	13.377	13.377	0.000	97	628097	50.0	49.4	
167 1,2-Dichlorobenzene	146	13.414	13.414	0.000	98	573215	50.0	48.5	
168 o-diethylbenzene	119	13.432	13.432	0.000	95	602171	50.0	49.2	
170 1,2-Dibromo-3-Chloropropane	75	13.969	13.969	0.000	85	127420	50.0	56.3	
171 1,3,5-Trichlorobenzene	180	14.097	14.097	0.000	97	380928	50.0	45.1	
172 1,2,4-Trichlorobenzene	180	14.536	14.536	0.000	94	355961	50.0	44.2	
174 Hexachlorobutadiene	225	14.627	14.627	0.000	98	127001	50.0	44.8	
175 Naphthalene	128	14.725	14.725	0.000	97	1523663	50.0	47.3	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	95	355139	50.0	44.3	
177 2-Methylnaphthalene	142	15.511	15.511	0.000	92	730710	50.0	47.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_2CEVE_00235	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#1_00243	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00245	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01075	Amount Added:	2.50	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 09-Jul-2025 23:35:10 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X32.D

Injection Date: 09-Jul-2025 20:53:56 Instrument ID: 23090 Operator ID: gaw91131

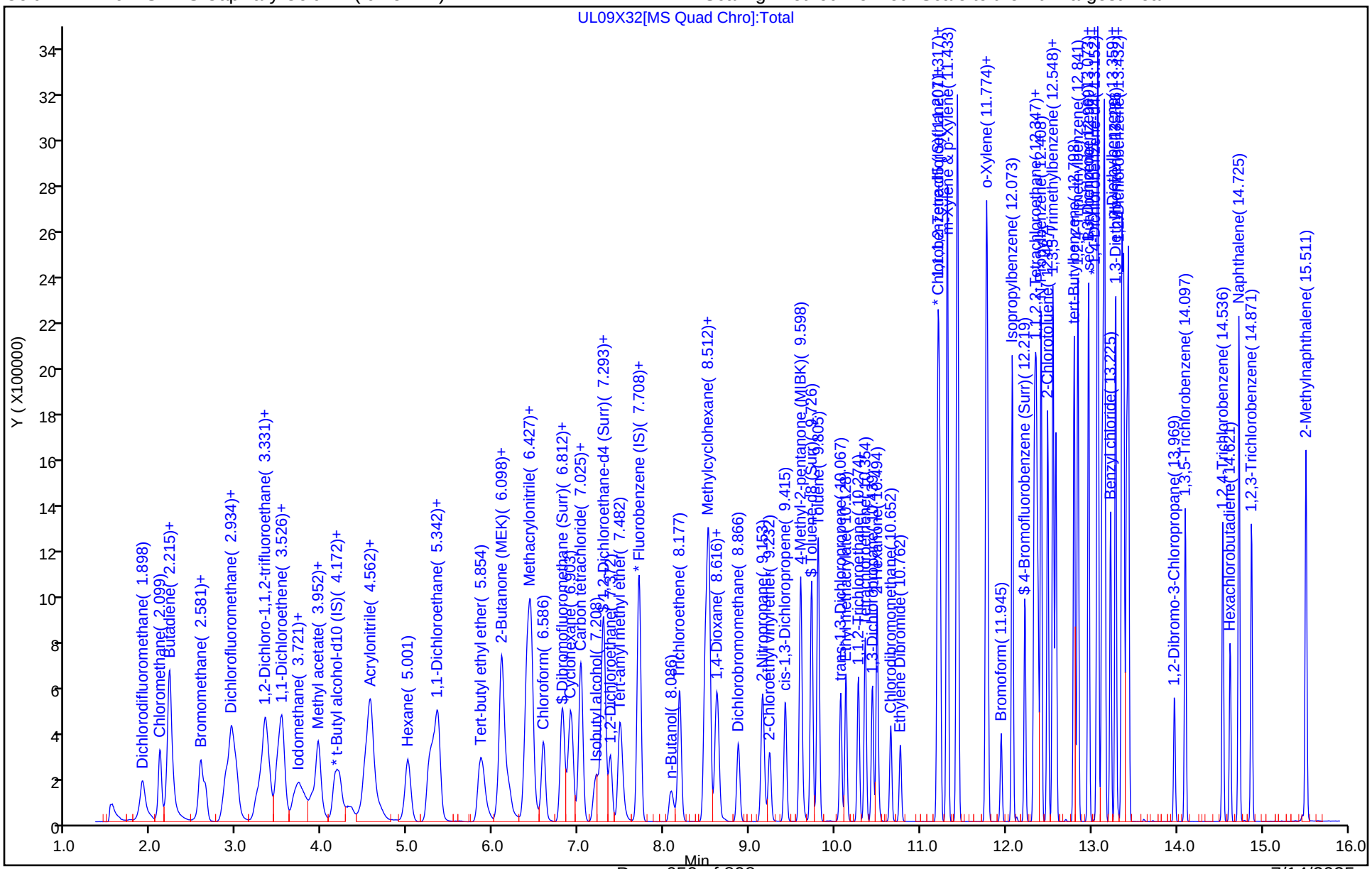
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 2

Method: MSV_8260_5mL_HP34 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

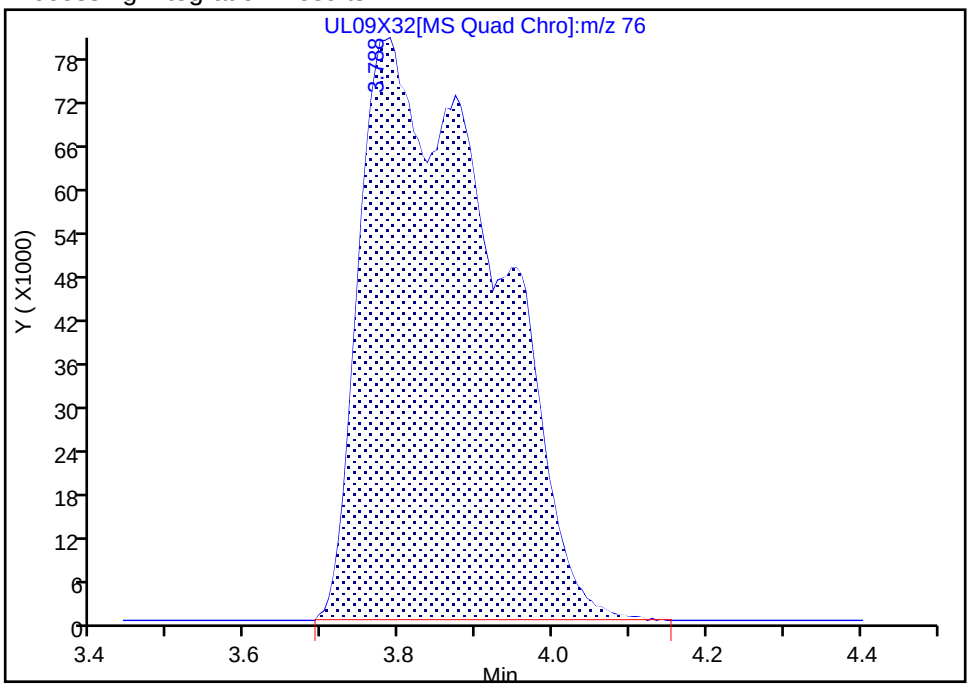
Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X32.D
Injection Date: 09-Jul-2025 20:53:56 Instrument ID: 23090
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

22 Carbon disulfide, CAS: 75-15-0

Signal: 1

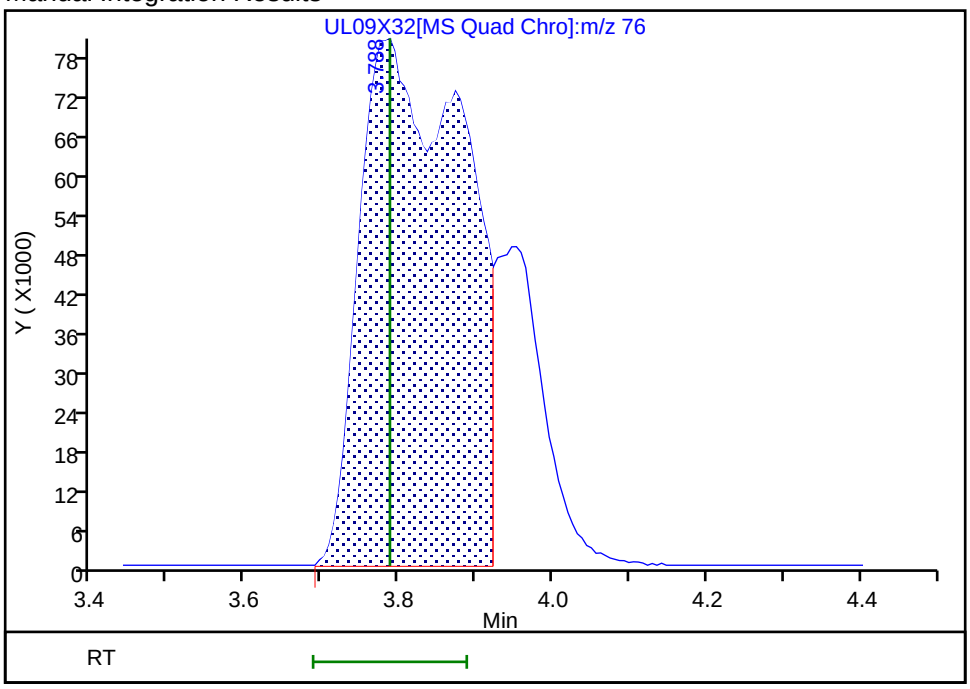
Processing Integration Results

RT: 3.79
Area: 970940
Amount: 59.413295
Amount Units: ug/l



Manual Integration Results

RT: 3.79
Area: 766199
Amount: 46.884882
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 21:33:09 -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

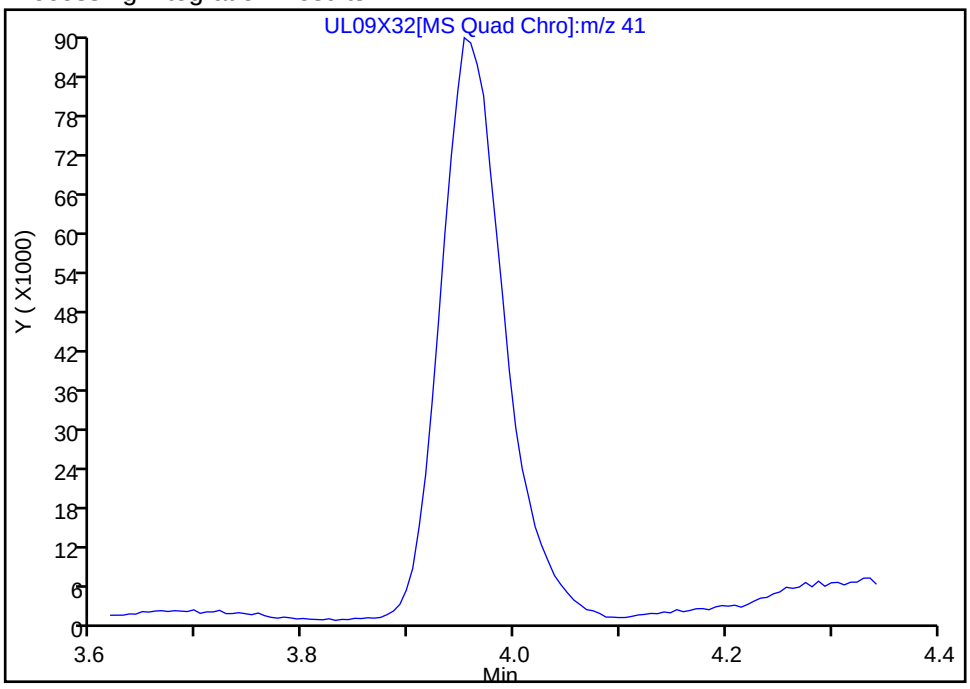
Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X32.D				
Injection Date:	09-Jul-2025 20:53:56	Instrument ID:	23090		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

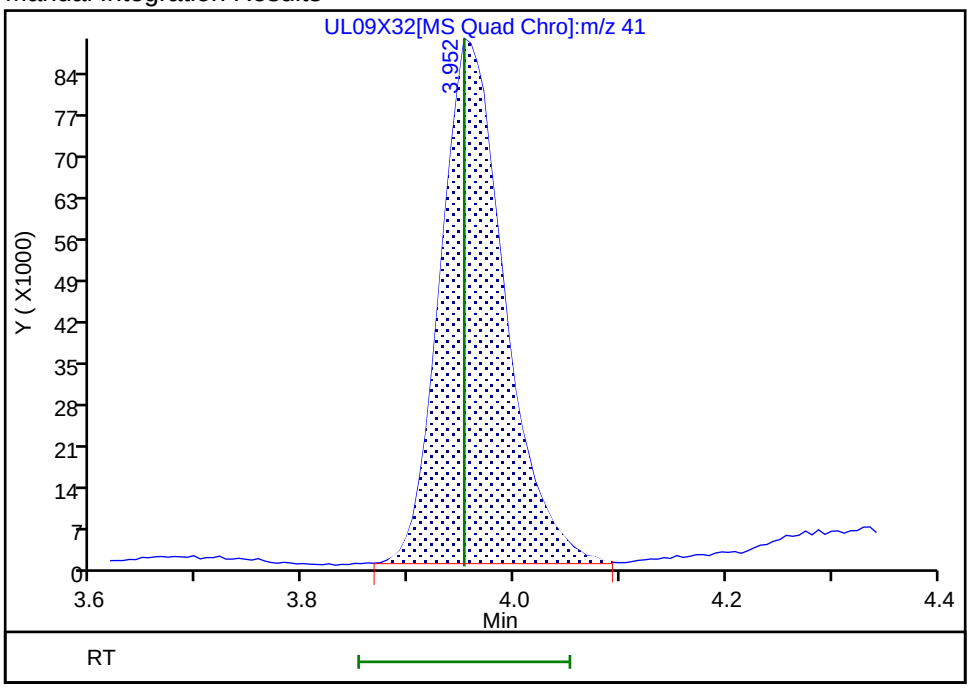
Not Detected
Expected RT: 3.95

Processing Integration Results



Manual Integration Results

RT: 3.95
Area: 374663
Amount: 49.571248
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 21:33:17 -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

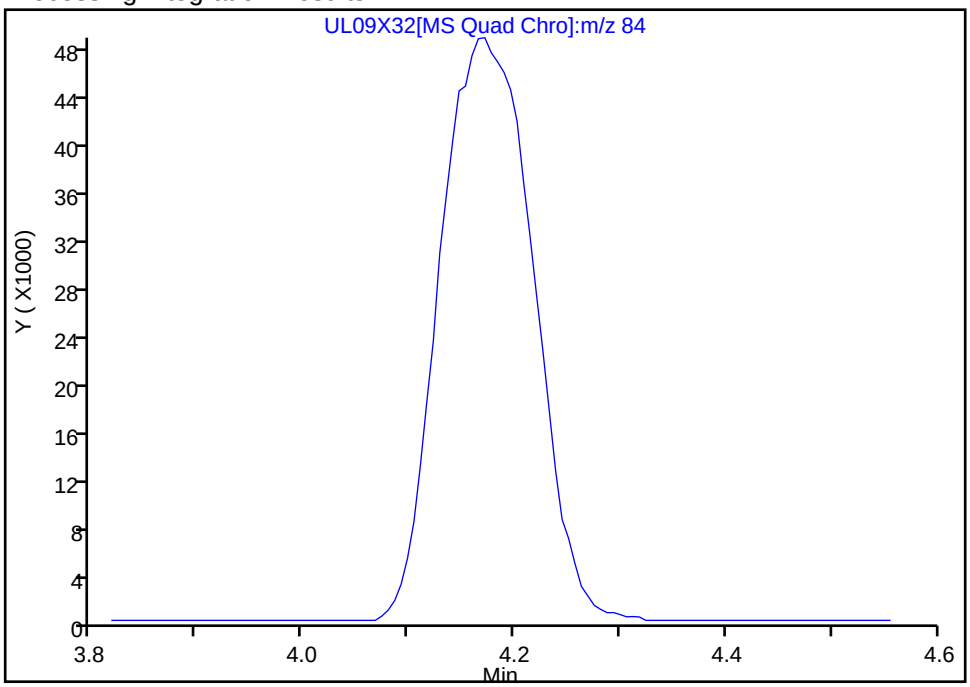
Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X32.D
Injection Date: 09-Jul-2025 20:53:56 Instrument ID: 23090
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

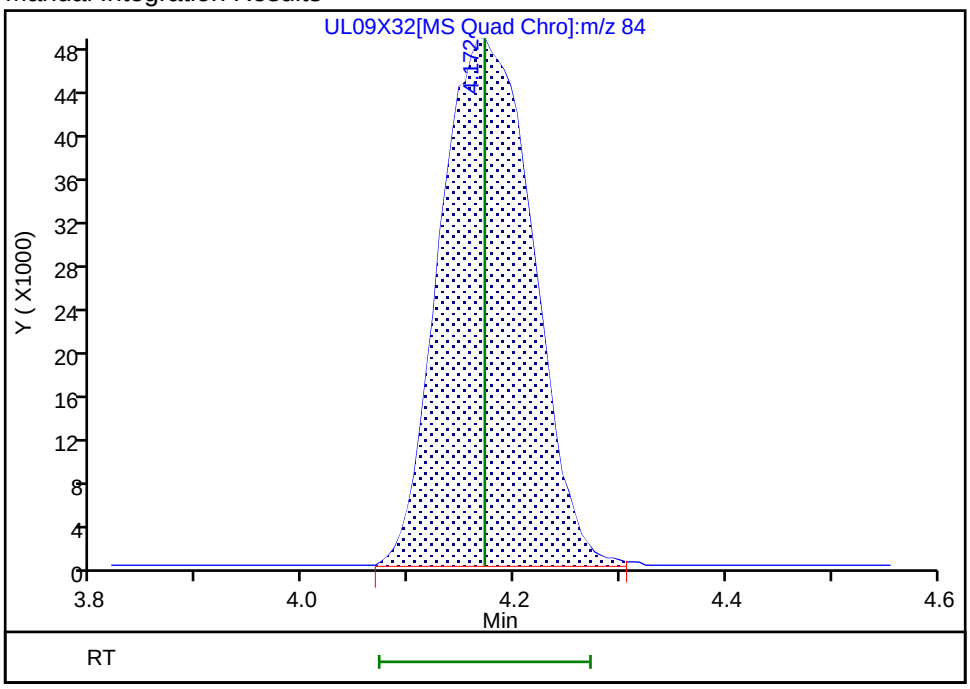
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 300431
Amount: 48.243228
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 21:33:22 -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

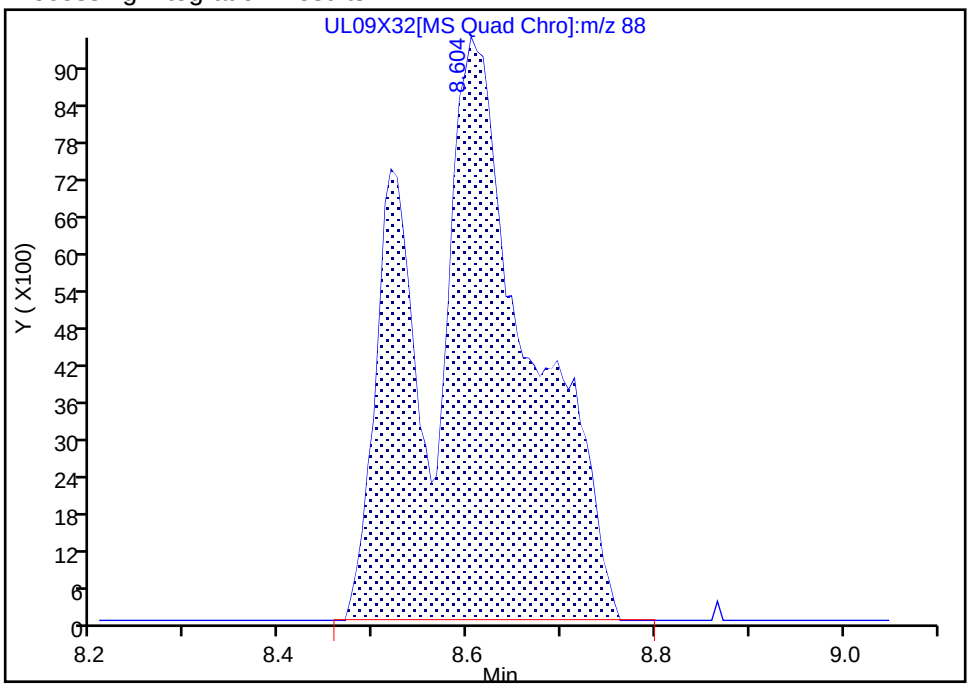
Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X32.D				
Injection Date:	09-Jul-2025 20:53:56	Instrument ID:	23090		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

71 1,4-Dioxane, CAS: 123-91-1

Signal: 1

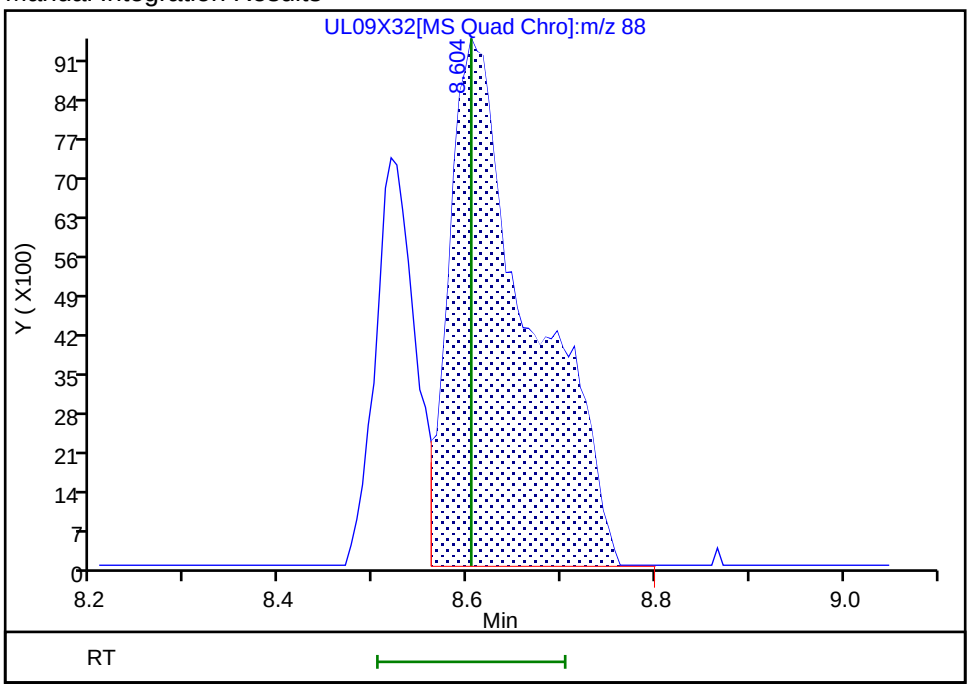
Processing Integration Results

RT: 8.60
Area: 77422
Amount: 930.2047
Amount Units: ug/l



Manual Integration Results

RT: 8.60
Area: 56723
Amount: 681.5117
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 21:33:43 -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.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-669730/3 Calibration Date: 07/10/2025 21:16

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UL10X32.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	0.4734	0.4406	0.1000	46.5	50.0	-6.9	20.0
Chloromethane	Ave	0.4855	0.5325	0.1000	54.8	50.0	9.7	20.0
1,3-Butadiene	Ave	0.5252	0.5809		55.3	50.0	10.6	20.0
Vinyl chloride	Ave	0.4897	0.4935	0.1000	50.4	50.0	0.8	20.0
Bromomethane	Ave	0.3458	0.3287	0.1000	47.5	50.0	-5.0	20.0
Chloroethane	Ave	0.2808	0.2888	0.1000	51.4	50.0	2.8	20.0
Dichlorofluoromethane	Ave	0.7595	0.7431		48.9	50.0	-2.2	20.0
n-Pentane	Ave	0.4833	0.3927		40.6	50.0	-18.7	20.0
Trichlorofluoromethane	Ave	0.5659	0.5303	0.1000	46.9	50.0	-6.3	20.0
Freon 123a	Ave	0.3701	0.3831		51.8	50.0	3.5	20.0
Acrolein	Ave	1.517	1.579		508	488	4.1	20.0
Acetone	Ave	0.7334	0.9101	0.1000	124	100	24.1*	20.0
1,1-Dichloroethene	Ave	0.2849	0.2533	0.1000	44.5	50.0	-11.1	20.0
Freon 113	Ave	0.3285	0.2769	0.1000	42.1	50.0	-15.7	20.0
2-Propanol	Ave	0.7210	0.3819		132	250	-47.0*	20.0
Methyl iodide	Ave	0.5547	0.4498		40.5	50.0	-18.9	20.0
Carbon disulfide	Ave	0.8500	0.8079	0.1000	47.5	50.0	-5.0	20.0
Methyl acetate	Ave	0.3512	0.3694	0.1000	52.6	50.0	5.2	20.0
Allyl chloride	Ave	0.3931	0.3925		49.9	50.0	-0.1	20.0
Methylene Chloride	Ave	0.3239	0.3153	0.1000	48.7	50.0	-2.7	20.0
t-Butyl alcohol	Ave	1.090	0.9060		208	250	-16.9	20.0
Acrylonitrile	Ave	0.1847	0.2082		141	125	12.7	20.0
trans-1,2-Dichloroethene	Ave	0.2790	0.2727	0.1000	48.9	50.0	-2.2	20.0
Methyl tertiary butyl ether	Ave	0.9073	0.8382	0.1000	46.2	50.0	-7.6	20.0
n-Hexane	Ave	0.3874	0.3602		46.5	50.0	-7.0	20.0
1,1-Dichloroethane	Ave	0.4880	0.4889	0.2000	50.1	50.0	0.2	20.0
Isopropyl ether	Ave	0.8019	0.8037		50.1	50.0	0.2	20.0
2-Chloro-1,3-butadiene	Ave	0.4242	0.3991		47.0	50.0	-5.9	20.0
Ethyl t-butyl ether	Ave	0.8379	0.7663		45.7	50.0	-8.5	20.0
2-Butanone	Ave	0.2511	0.2643	0.1000	105	100	5.3	20.0
cis-1,2-Dichloroethene	Ave	0.3323	0.3201	0.1000	48.2	50.0	-3.7	20.0
2,2-Dichloropropane	Ave	0.4417	0.4469		50.6	50.0	1.2	20.0
Propionitrile	Ave	1.144	1.301		284	250	13.7	20.0
Methacrylonitrile	Ave	0.1806	0.1928		133	125	6.7	20.0
Bromochloromethane	Ave	0.1620	0.1535		47.4	50.0	-5.2	20.0
Tetrahydrofuran	Ave	1.085	1.132		261	250	4.3	20.0
Chloroform	Ave	0.4964	0.4847	0.2000	48.8	50.0	-2.3	20.0
1,1,1-Trichloroethane	Ave	0.4514	0.4266	0.1000	47.3	50.0	-5.5	20.0
Cyclohexane	Ave	0.5408	0.5067	0.1000	46.8	50.0	-6.3	20.0
Carbon tetrachloride	Ave	0.3564	0.3654	0.1000	51.3	50.0	2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-669730/3 Calibration Date: 07/10/2025 21:16

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UL10X32.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.4114	0.3930		47.8	50.0	-4.5	20.0
Isobutyl alcohol	Ave	0.3342	0.3563		666	625	6.6	20.0
Benzene	Ave	1.232	1.185	0.5000	48.1	50.0	-3.8	20.0
1,2-Dichloroethane	Ave	0.3652	0.3584	0.1000	49.1	50.0	-1.9	20.0
t-Amyl methyl ether	Ave	0.8236	0.7474		45.4	50.0	-9.3	20.0
n-Heptane	Ave	0.3453	0.3598		52.1	50.0	4.2	20.0
n-Butanol	Ave	0.2363	0.2646		700	625	12.0	20.0
Trichloroethene	Ave	0.3043	0.2896	0.2000	47.6	50.0	-4.8	20.0
Methylcyclohexane	Ave	0.5865	0.5558	0.1000	47.4	50.0	-5.2	20.0
1,2-Dichloropropane	Ave	0.2800	0.2879	0.1000	51.4	50.0	2.8	20.0
t-Amyl ethyl ether	Ave	0.4189	0.4136		49.4	50.0	-1.3	20.0
1,4-Dioxane	Ave	0.0613	0.0693	0.0050	707	625	13.2	20.0
Methyl methacrylate	Ave	0.2464	0.2559		51.9	50.0	3.8	20.0
Dibromomethane	Ave	0.1834	0.1864		50.8	50.0	1.6	20.0
Bromodichloromethane	Ave	0.3240	0.3425	0.2000	52.9	50.0	5.7	20.0
2-Nitropropane	Ave	1.350	1.562		289	250	15.7	20.0
2-Chloroethyl vinyl ether	Ave	0.1849	0.1900		51.4	50.0	2.8	20.0
cis-1,3-Dichloropropene	Ave	0.3968	0.4305	0.2000	54.2	50.0	8.5	20.0
4-Methyl-2-pentanone	Ave	0.4543	0.4838	0.1000	107	100	6.5	20.0
Toluene	Ave	1.070	1.022	0.4000	47.8	50.0	-4.5	20.0
trans-1,3-Dichloropropene	Ave	0.5075	0.5462	0.1000	53.8	50.0	7.6	20.0
Ethyl methacrylate	Ave	0.6121	0.6052		49.4	50.0	-1.1	20.0
1,1,2-Trichloroethane	Ave	0.3540	0.3520	0.1000	49.7	50.0	-0.6	20.0
Tetrachloroethene	Ave	0.4484	0.3976	0.2000	44.3	50.0	-11.3	20.0
1,3-Dichloropropane	Ave	0.5913	0.6105		51.6	50.0	3.2	20.0
2-Hexanone	Ave	0.4525	0.4946	0.1000	109	100	9.3	20.0
Dibromochloromethane	Ave	0.3392	0.3711		54.7	50.0	9.4	20.0
1,2-Dibromoethane	Ave	0.3730	0.3787	0.1000	50.8	50.0	1.5	20.0
1-Chlorohexane	Ave	0.5907	0.5477		46.4	50.0	-7.3	20.0
Chlorobenzene	Ave	1.155	1.119	0.5000	48.4	50.0	-3.2	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3974	0.4085		51.4	50.0	2.8	20.0
Ethylbenzene	Ave	2.137	2.048	0.1000	47.9	50.0	-4.2	20.0
m&p-Xylene	Ave	0.8447	0.8049	0.1000	95.3	100	-4.7	20.0
o-Xylene	Ave	0.8648	0.8098	0.3000	46.8	50.0	-6.4	20.0
Styrene	Ave	1.290	1.214	0.3000	47.0	50.0	-5.9	20.0
Bromoform	Ave	0.2267	0.2543	0.1000	56.1	50.0	12.2	20.0
Isopropylbenzene	Ave	2.054	1.937	0.1000	47.1	50.0	-5.7	20.0
1,1,2,2-Tetrachloroethane	Ave	1.215	1.319	0.3000	54.3	50.0	8.6	20.0
Bromobenzene	Ave	0.8647	0.8462		48.9	50.0	-2.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3045	0.3013		124	125	-1.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-669730/3 Calibration Date: 07/10/2025 21:16

Instrument ID: 23090 Calib Start Date: 06/17/2025 19:00

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/17/2025 21:03

Lab File ID: UL10X32.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	0.3887	0.4101		52.7	50.0	5.5	20.0
N-Propylbenzene	Ave	4.737	4.849		51.2	50.0	2.4	20.0
2-Chlorotoluene	Ave	0.9485	0.9247		48.7	50.0	-2.5	20.0
1,3,5-Trimethylbenzene	Ave	3.466	3.458		49.9	50.0	-0.2	20.0
4-Chlorotoluene	Ave	0.8958	0.8898		49.7	50.0	-0.7	20.0
tert-Butylbenzene	Ave	0.6843	0.6785		49.6	50.0	-0.8	20.0
1,2,4-Trimethylbenzene	Ave	3.504	3.500		49.9	50.0	-0.1	20.0
sec-Butylbenzene	Ave	4.372	4.465		51.1	50.0	2.1	20.0
1,3-Dichlorobenzene	Ave	1.704	1.632	0.6000	47.9	50.0	-4.2	20.0
p-Isopropyltoluene	Ave	3.850	3.836		49.8	50.0	-0.4	20.0
1,4-Dichlorobenzene	Ave	1.682	1.624	0.5000	48.3	50.0	-3.4	20.0
1,2,3-Trimethylbenzene	Ave	3.594	3.571		49.7	50.0	-0.6	20.0
Benzyl chloride	Ave	2.187	2.586		59.1	50.0	18.2	20.0
1,3-Diethylbenzene	Ave	2.149	2.114		49.2	50.0	-1.6	20.0
1,4-Diethylbenzene	Ave	2.303	2.283		49.6	50.0	-0.9	20.0
n-Butylbenzene	Ave	1.851	1.899		51.3	50.0	2.6	20.0
1,2-Dichlorobenzene	Ave	1.721	1.660	0.4000	48.2	50.0	-3.6	20.0
1,2-Diethylbenzene	Ave	1.782	1.803		50.6	50.0	1.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3297	0.3771	0.0500	57.2	50.0	14.4	20.0
1,3,5-Trichlorobenzene	Ave	1.230	1.137		46.2	50.0	-7.6	20.0
1,2,4-Trichlorobenzene	Ave	1.172	1.061	0.2000	45.3	50.0	-9.5	20.0
Hexachlorobutadiene	Ave	0.4130	0.3891		47.1	50.0	-5.8	20.0
Naphthalene	Ave	4.692	4.556		48.6	50.0	-2.9	20.0
1,2,3-Trichlorobenzene	Ave	1.166	1.074		46.1	50.0	-7.9	20.0
2-Methylnaphthalene	Ave	2.266	2.227		49.1	50.0	-1.7	20.0
Dibromofluoromethane (Surr)	Ave	0.2411	0.2424		50.3	50.0	0.5	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0636	0.0642		50.5	50.0	1.0	20.0
Toluene-d8 (Surr)	Ave	1.376	1.392		50.6	50.0	1.2	20.0
4-Bromofluorobenzene (Surr)	Ave	0.4947	0.4919		49.7	50.0	-0.5	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 10-Jul-2025 21:16:51 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0153094-003
Operator ID: gaw91131 Instrument ID: 23090
Sublist: chrom-MSV_8260_5mL_HP34*sub5

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 21:49:25

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.898	1.898	0.000	99	427006	50.0	46.5	
4 Chloromethane	50	2.099	2.099	0.000	99	516063	50.0	54.8	
5 Butadiene	39	2.209	2.209	0.000	91	562979	50.0	55.3	
6 Vinyl chloride	62	2.215	2.215	0.000	97	478298	50.0	50.4	
8 Bromomethane	94	2.575	2.575	0.000	90	318549	50.0	47.5	
9 Chloroethane	64	2.630	2.630	0.000	100	279876	50.0	51.4	
10 Dichlorofluoromethane	67	2.922	2.922	0.000	97	720254	50.0	48.9	
11 Pentane	43	2.947	2.947	0.000	96	380654	50.0	40.6	
12 Trichlorofluoromethane	101	2.965	2.965	0.000	97	513971	50.0	46.9	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.288	3.288	0.000	92	371353	50.0	51.8	
16 Acrolein	56	3.343	3.343	0.000	100	1090271	487.9	508.1	
18 Acetone	58	3.507	3.507	0.000	100	128782	100.0	124.1	
17 1,1-Dichloroethene	96	3.520	3.520	0.000	98	245493	50.0	44.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.532	3.532	0.000	94	268370	50.0	42.1	
21 Isopropyl alcohol	45	3.690	3.690	0.000	98	135087	250.0	132.4	
20 Iodomethane	142	3.709	3.709	0.000	98	435962	50.0	40.5	
22 Carbon disulfide	76	3.782	3.782	0.000	99	782999	50.0	47.5	M
23 Methyl acetate	43	3.928	3.928	0.000	97	358024	50.0	52.6	
25 3-Chloro-1-propene	41	3.953	3.953	0.000	89	380446	50.0	49.9	a
26 Methylene Chloride	84	4.184	4.184	0.000	90	305562	50.0	48.7	Ma
* 27 t-Butyl alcohol-d10 (IS)	65	4.202	4.202	0.000	93	353746	250.0	250.0	M
28 2-Methyl-2-propanol	59	4.312	4.312	0.000	99	320488	250.0	207.7	
30 Acrylonitrile	53	4.501	4.501	0.000	99	504491	125.0	140.9	
31 trans-1,2-Dichloroethene	96	4.562	4.562	0.000	100	264341	50.0	48.9	
32 Methyl tert-butyl ether	73	4.574	4.574	0.000	96	812409	50.0	46.2	
33 Hexane	57	5.001	5.001	0.000	90	349154	50.0	46.5	
34 1,1-Dichloroethane	63	5.245	5.245	0.000	96	473863	50.0	50.1	
36 Isopropyl ether	45	5.306	5.306	0.000	94	779003	50.0	50.1	
37 2-Chloro-1,3-butadiene	53	5.355	5.355	0.000	90	386846	50.0	47.0	
38 Tert-butyl ethyl ether	59	5.855	5.855	0.000	97	742710	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
39 2-Butanone (MEK)	43	6.080	6.080	0.000	99	512355	100.0	105.3	
40 cis-1,2-Dichloroethene	96	6.092	6.092	0.000	81	310222	50.0	48.2	
41 2,2-Dichloropropane	77	6.111	6.111	0.000	88	433152	50.0	50.6	
44 Propionitrile	54	6.178	6.178	0.000	99	460270	250.0	284.4	
46 Methacrylonitrile	67	6.391	6.391	0.000	92	467094	125.0	133.4	
47 Chlorobromomethane	128	6.434	6.434	0.000	95	148748	50.0	47.4	
48 Tetrahydrofuran	71	6.440	6.440	0.000	86	400463	250.0	260.8	
49 Chloroform	83	6.586	6.586	0.000	93	469787	50.0	48.8	
$ 50 Dibromofluoromethane (Surr)	113	6.800	6.800	0.000	92	234908	50.0	50.3	
51 1,1,1-Trichloroethane	97	6.812	6.812	0.000	98	413479	50.0	47.3	
52 Cyclohexane	56	6.903	6.903	0.000	88	491139	50.0	46.8	
53 Carbon tetrachloride	117	7.019	7.019	0.000	96	354197	50.0	51.3	
54 1,1-Dichloropropene	75	7.025	7.025	0.000	98	380896	50.0	47.8	
55 Isobutyl alcohol	41	7.202	7.202	0.000	94	315100	625.0	666.4	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	97	62214	50.0	50.5	
57 Benzene	78	7.293	7.293	0.000	96	1148393	50.0	48.1	
58 1,2-Dichloroethane	62	7.373	7.373	0.000	97	347343	50.0	49.1	
60 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	724363	50.0	45.4	
* 61 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	969216	50.0	50.0	
62 n-Heptane	43	7.708	7.708	0.000	90	348756	50.0	52.1	
64 n-Butanol	56	8.074	8.074	0.000	87	233984	625.0	699.7	
65 Trichloroethene	95	8.177	8.177	0.000	99	280666	50.0	47.6	
67 Methylcyclohexane	83	8.482	8.482	0.000	94	538670	50.0	47.4	
68 1,2-Dichloropropane	63	8.519	8.519	0.000	78	278991	50.0	51.4	
69 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	94	400834	50.0	49.4	
71 1,4-Dioxane	88	8.604	8.604	0.000	65	61307	625.0	707.3	M
70 Methyl methacrylate	69	8.604	8.604	0.000	89	247976	50.0	51.9	
72 Dibromomethane	93	8.628	8.628	0.000	96	180624	50.0	50.8	
74 Dichlorobromomethane	83	8.866	8.866	0.000	100	331970	50.0	52.9	
75 2-Nitropropane	41	9.147	9.147	0.000	97	552391	250.0	289.3	
76 2-Chloroethyl vinyl ether	63	9.232	9.232	0.000	92	184131	50.0	51.4	
77 cis-1,3-Dichloropropene	75	9.415	9.415	0.000	97	417271	50.0	54.2	
78 4-Methyl-2-pentanone (MIBK)	43	9.592	9.592	0.000	95	937896	100.0	106.5	
$ 79 Toluene-d8 (Surr)	98	9.720	9.720	0.000	93	911009	50.0	50.6	
80 Toluene	92	9.799	9.799	0.000	98	668678	50.0	47.8	
120 trans-1,3-Dichloropropene	75	10.061	10.061	0.000	91	357345	50.0	53.8	
121 Ethyl methacrylate	69	10.128	10.128	0.000	89	395964	50.0	49.4	
122 1,1,2-Trichloroethane	97	10.268	10.268	0.000	90	230259	50.0	49.7	
123 Tetrachloroethene	166	10.354	10.354	0.000	96	260111	50.0	44.3	
124 1,3-Dichloropropane	76	10.433	10.433	0.000	88	399428	50.0	51.6	
126 2-Hexanone	43	10.488	10.488	0.000	95	647221	100.0	109.3	
128 Chlorodibromomethane	129	10.646	10.646	0.000	90	242810	50.0	54.7	
129 Ethylene Dibromide	107	10.762	10.762	0.000	98	247736	50.0	50.8	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	654230	50.0	50.0	
131 1-Chlorohexane	91	11.207	11.207	0.000	96	358331	50.0	46.4	
132 Chlorobenzene	112	11.226	11.226	0.000	95	731913	50.0	48.4	
134 1,1,1,2-Tetrachloroethane	131	11.311	11.311	0.000	96	267284	50.0	51.4	
135 Ethylbenzene	91	11.311	11.311	0.000	98	1340031	50.0	47.9	
136 m-Xylene & p-Xylene	106	11.427	11.427	0.000	100	1053162	100.0	95.3	
138 o-Xylene	106	11.768	11.768	0.000	96	529821	50.0	46.8	
139 Styrene	104	11.780	11.780	0.000	94	794317	50.0	47.0	
140 Bromoform	173	11.939	11.939	0.000	96	166343	50.0	56.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
141 Isopropylbenzene	105	12.073	12.073	0.000	95	1267165	50.0	47.1	
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	321844	50.0	49.7	
145 1,1,2,2-Tetrachloroethane	83	12.323	12.323	0.000	93	446022	50.0	54.3	
146 Bromobenzene	156	12.335	12.335	0.000	96	286026	50.0	48.9	
147 trans-1,4-Dichloro-2-butene	53	12.353	12.353	0.000	90	254649	125.0	123.7	
148 1,2,3-Trichloropropane	110	12.372	12.372	0.000	83	138611	50.0	52.7	
149 N-Propylbenzene	91	12.408	12.408	0.000	99	1639199	50.0	51.2	
150 2-Chlorotoluene	126	12.487	12.487	0.000	96	312580	50.0	48.7	
151 1,3,5-Trimethylbenzene	105	12.548	12.548	0.000	94	1168945	50.0	49.9	
152 4-Chlorotoluene	126	12.579	12.579	0.000	98	300791	50.0	49.7	
154 tert-Butylbenzene	134	12.798	12.798	0.000	92	229363	50.0	49.6	
156 1,2,4-Trimethylbenzene	105	12.841	12.841	0.000	97	1183039	50.0	49.9	
157 sec-Butylbenzene	105	12.963	12.963	0.000	94	1509444	50.0	51.1	
158 1,3-Dichlorobenzene	146	13.067	13.067	0.000	97	551805	50.0	47.9	
159 4-Isopropyltoluene	119	13.073	13.073	0.000	97	1296533	50.0	49.8	
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	94	338029	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.140	13.140	0.000	93	549094	50.0	48.3	
162 1,2,3-Trimethylbenzene	105	13.152	13.152	0.000	98	1207155	50.0	49.7	
163 Benzyl chloride	91	13.219	13.219	0.000	98	874148	50.0	59.1	
164 1,3-Diethylbenzene	119	13.280	13.280	0.000	95	714557	50.0	49.2	
165 p-Diethylbenzene	119	13.353	13.353	0.000	93	771621	50.0	49.6	
166 n-Butylbenzene	92	13.378	13.378	0.000	98	642076	50.0	51.3	
167 1,2-Dichlorobenzene	146	13.408	13.408	0.000	98	561082	50.0	48.2	
168 o-diethylbenzene	119	13.432	13.432	0.000	95	609625	50.0	50.6	
170 1,2-Dibromo-3-Chloropropane	75	13.969	13.969	0.000	85	127470	50.0	57.2	
171 1,3,5-Trichlorobenzene	180	14.097	14.097	0.000	97	384175	50.0	46.2	
172 1,2,4-Trichlorobenzene	180	14.536	14.536	0.000	94	358579	50.0	45.3	
174 Hexachlorobutadiene	225	14.621	14.621	0.000	98	131519	50.0	47.1	
175 Naphthalene	128	14.725	14.725	0.000	97	1540163	50.0	48.6	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	96	363118	50.0	46.1	
177 2-Methylnaphthalene	142	15.505	15.505	0.000	92	752700	50.0	49.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_2CEVE_00235	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#1_00243	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00245	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01075	Amount Added:	2.50	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

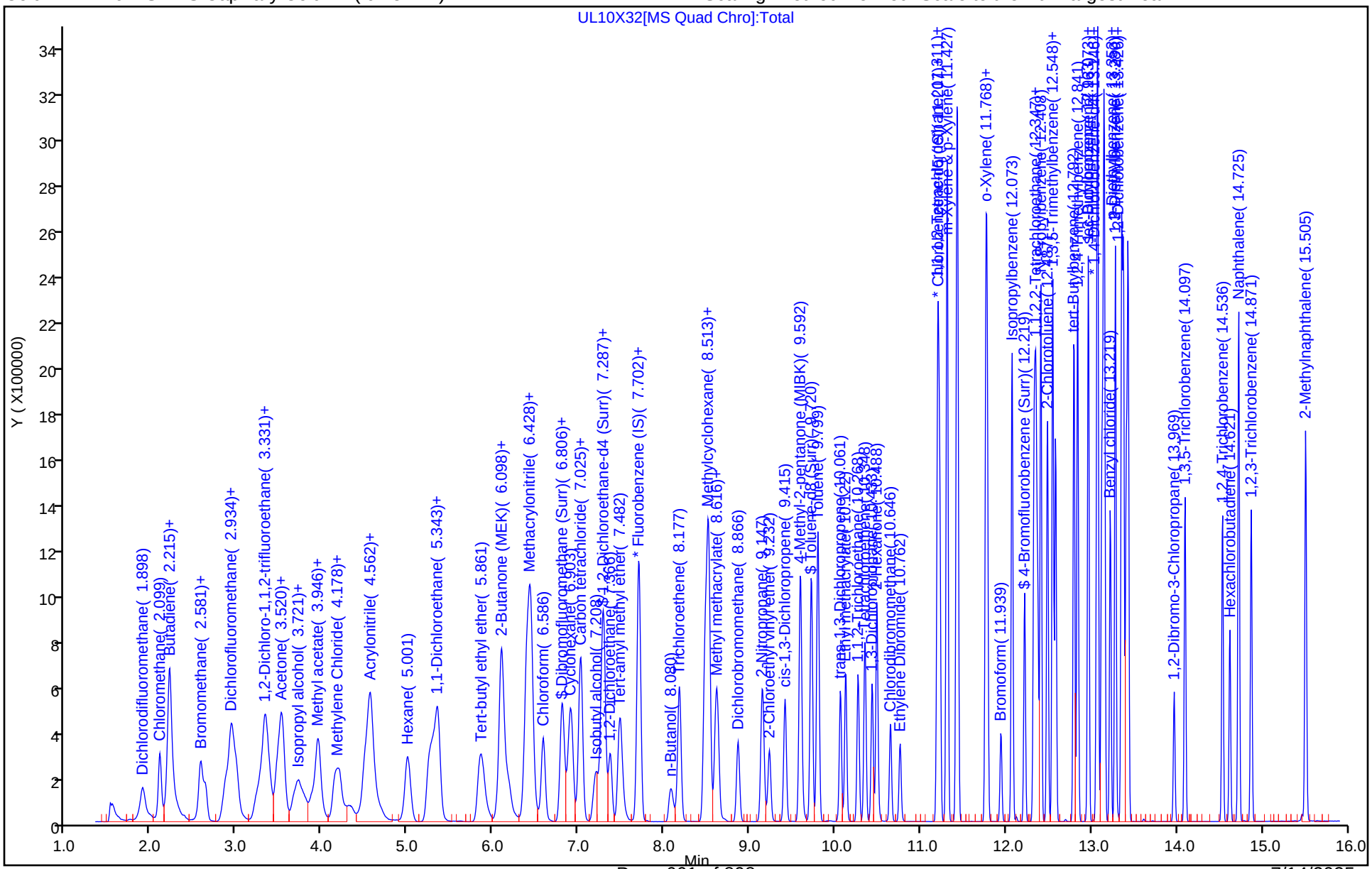
Report Date: 10-Jul-2025 23:38:11 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D

Injection Date:	10-Jul-2025 21:16:51	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	MSV_8260_5mL_HP34	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

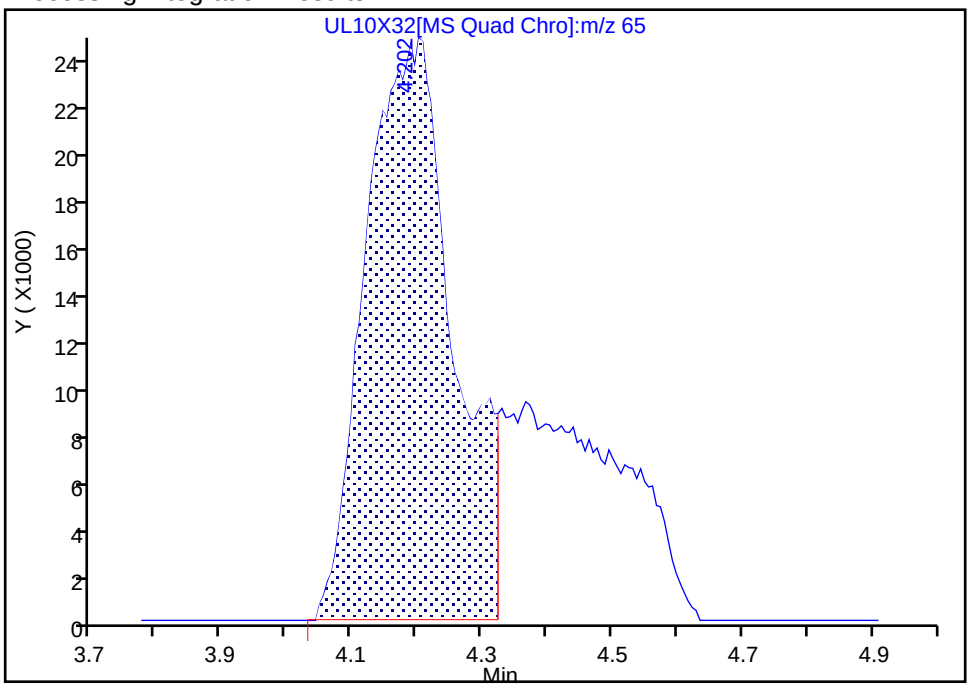
Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D
Injection Date: 10-Jul-2025 21:16:51 Instrument ID: 23090
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

* 27 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

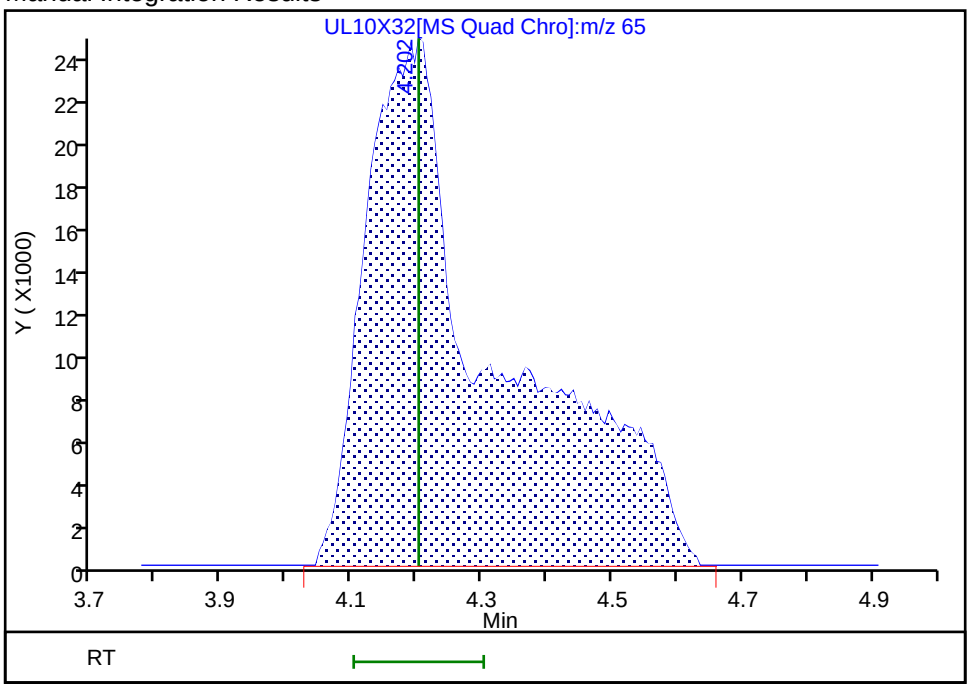
Processing Integration Results

RT: 4.20
Area: 235165
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 4.20
Area: 353746
Amount: 250.0000
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 21:52:09 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

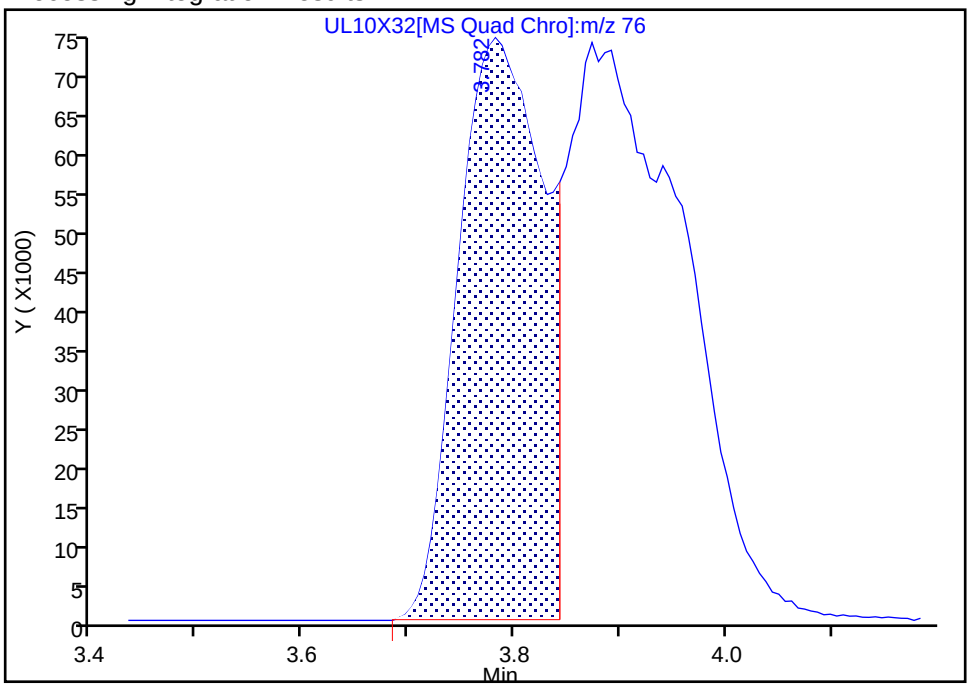
Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D				
Injection Date:	10-Jul-2025 21:16:51	Instrument ID:	23090		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Carbon disulfide, CAS: 75-15-0

Signal: 1

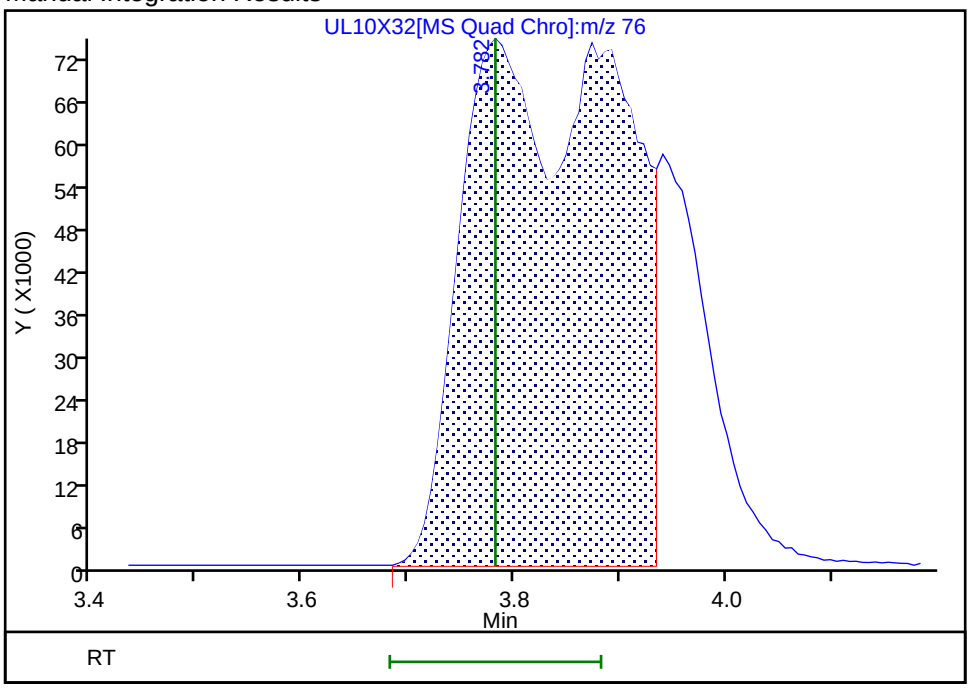
Processing Integration Results

RT: 3.78
Area: 425894
Amount: 25.849244
Amount Units: ug/l



Manual Integration Results

RT: 3.78
Area: 782999
Amount: 47.523403
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 21:51:32 -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

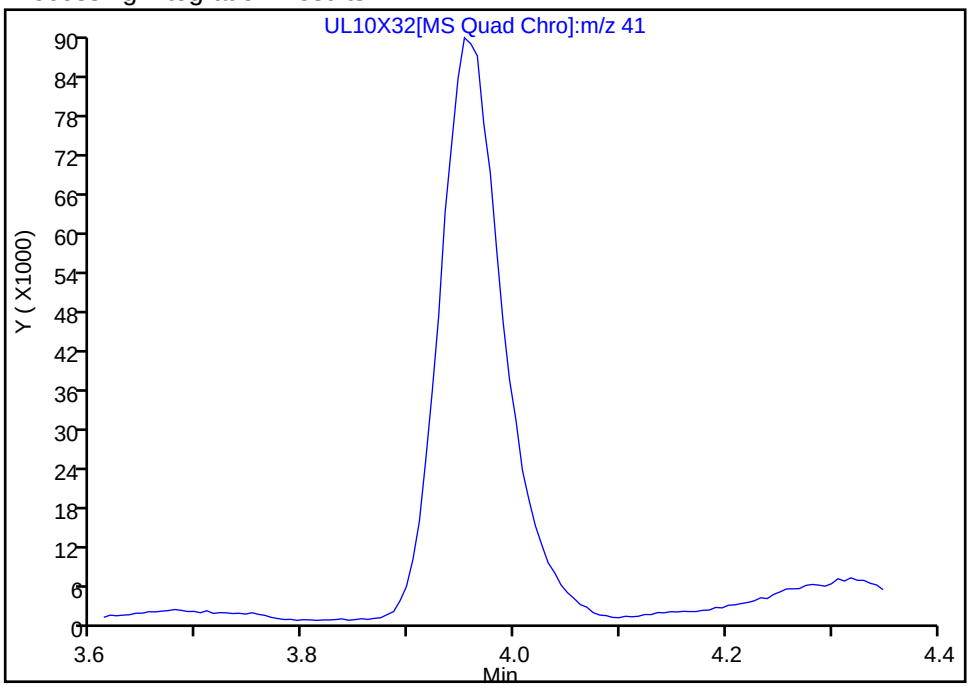
Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D
Injection Date: 10-Jul-2025 21:16:51 Instrument ID: 23090
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

25 3-Chloro-1-propene, CAS: 107-05-1

Signal: 1

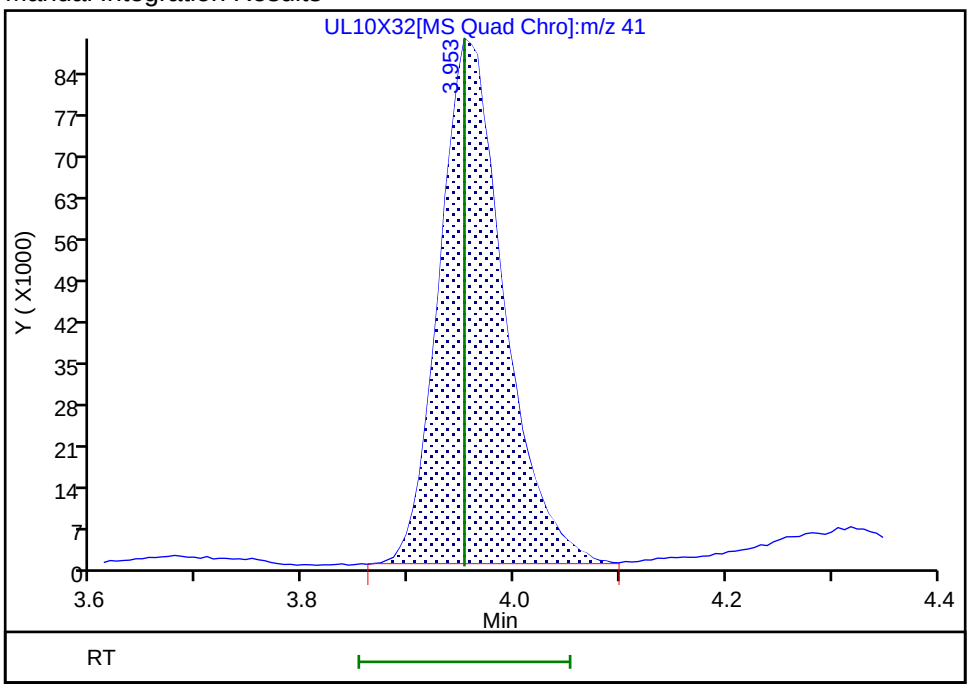
Not Detected
Expected RT: 3.95

Processing Integration Results



Manual Integration Results

RT: 3.95
Area: 380446
Amount: 49.927193
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 21:51:38 -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

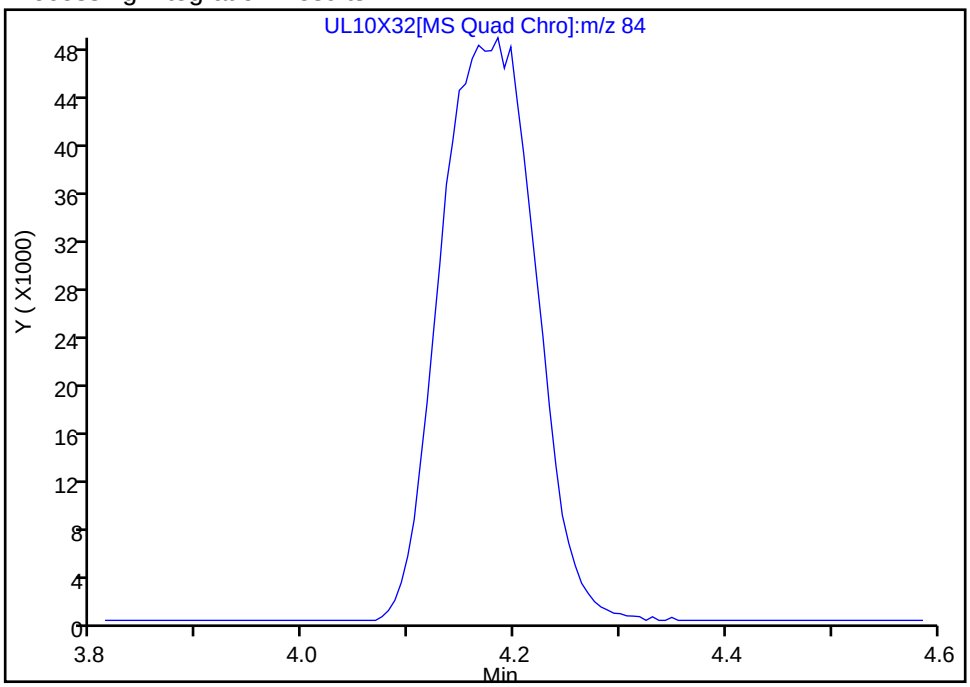
Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D
Injection Date: 10-Jul-2025 21:16:51 Instrument ID: 23090
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

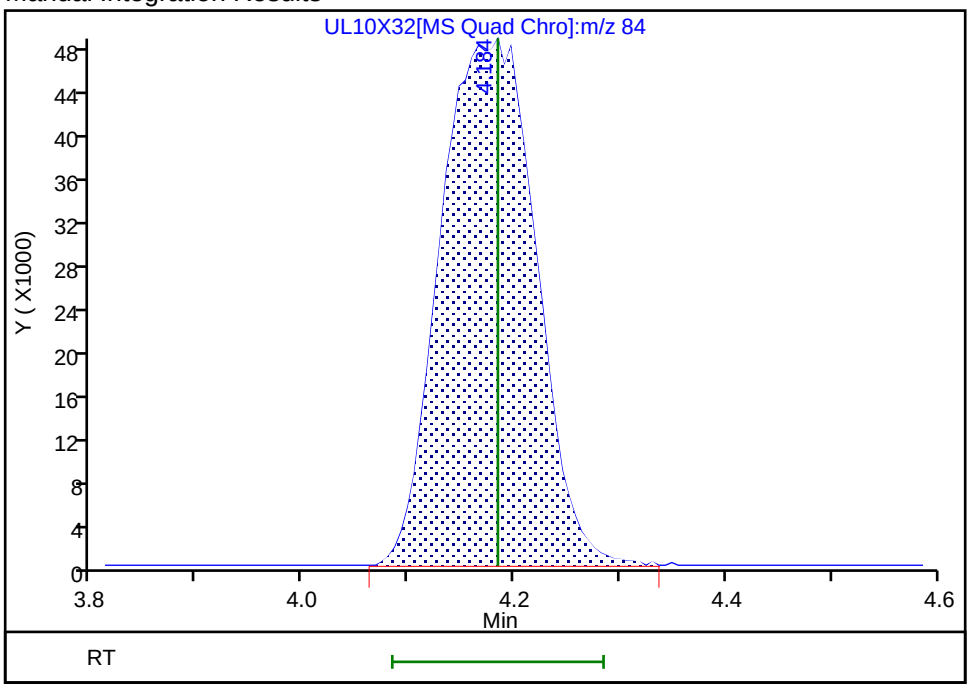
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.18
Area: 305562
Amount: 48.668285
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 21:51:49 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

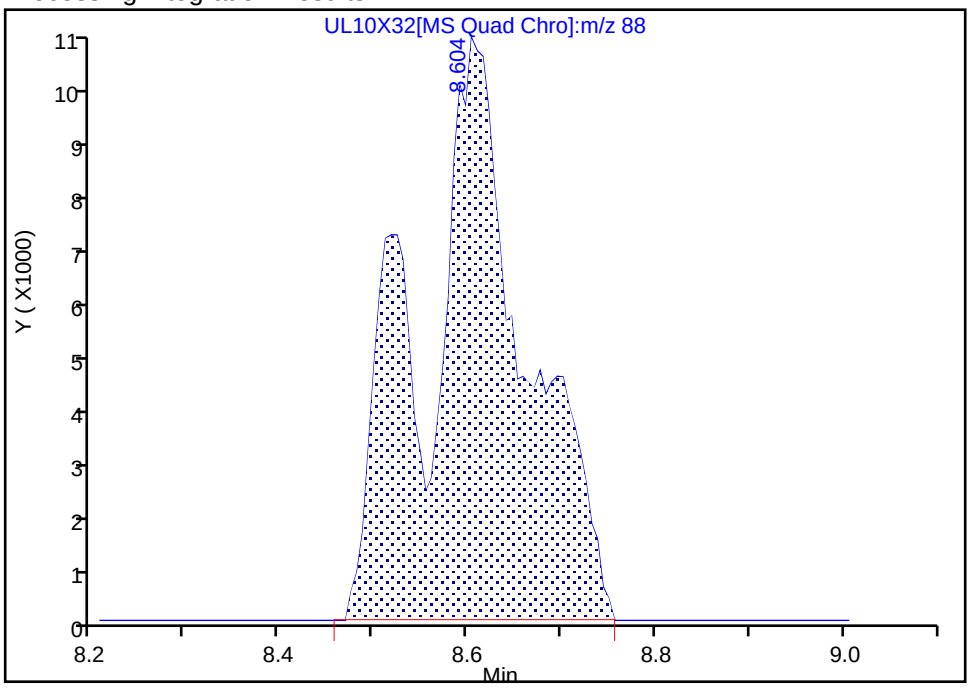
Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X32.D				
Injection Date:	10-Jul-2025 21:16:51	Instrument ID:	23090		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

71 1,4-Dioxane, CAS: 123-91-1

Signal: 1

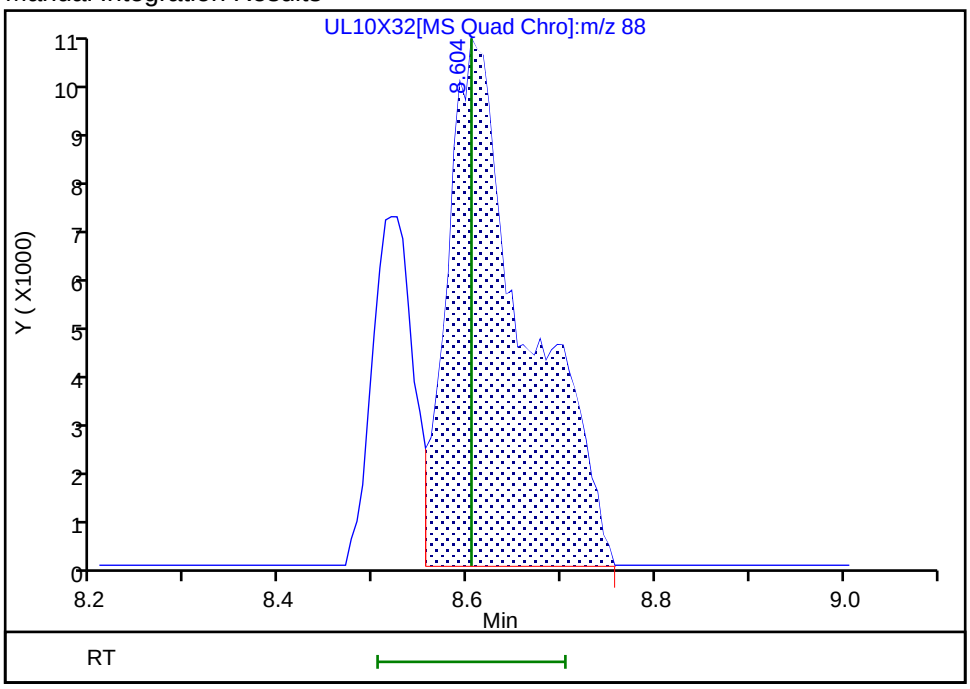
Processing Integration Results

RT: 8.60
Area: 81734
Amount: 943.0116
Amount Units: ug/l



Manual Integration Results

RT: 8.60
Area: 61307
Amount: 707.3337
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 21:52:27 -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.: 410-229797-1

SDG No.:

Lab Sample ID: ICV 410-661307/20 Calibration Date: 06/23/2025 21:47

Instrument ID: 9137 Calib Start Date: 06/23/2025 18:50

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/23/2025 21:02

Lab File ID: WU23X19.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	0.5383	0.4932	0.1000	18.3	20.0	-8.4	30.0
Chloromethane	Ave	0.5808	0.5235	0.1000	18.0	20.0	-9.9	30.0
Vinyl chloride	Ave	0.5711	0.5146	0.1000	18.0	20.0	-9.9	30.0
1,3-Butadiene	Ave	0.5959	0.5050		16.9	20.0	-15.3	30.0
Bromomethane	Ave	0.3788	0.3389	0.1000	17.9	20.0	-10.5	30.0
Chloroethane	Ave	0.3045	0.2725	0.1000	17.9	20.0	-10.5	30.0
Dichlorofluoromethane	Ave	0.8518	0.7504		17.6	20.0	-11.9	30.0
Trichlorofluoromethane	Ave	0.6395	0.5590	0.1000	17.5	20.0	-12.6	30.0
n-Pentane	Ave	0.4892	0.4039		16.5	20.0	-17.4	30.0
Ethanol	Ave	0.0673	0.0600		892	1000	-10.8	30.0
Freon 123a	Ave	0.4094	0.3581		17.5	20.0	-12.5	30.0
Acrolein	Ave	1.501	1.516		148	146	1.0	30.0
1,1-Dichloroethene	Ave	0.2758	0.2866	0.1000	20.8	20.0	3.9	30.0
Acetone	Ave	0.7658	0.7012	0.1000	229	250	-8.4	30.0
Freon 113	Ave	0.3186	0.2884	0.1000	18.1	20.0	-9.5	30.0
Methyl iodide	Ave	0.5339	0.4858		18.2	20.0	-9.0	30.0
2-Propanol	Ave	0.8536	0.7273		128	150	-14.8	30.0
Carbon disulfide	Ave	1.011	0.8974	0.1000	17.8	20.0	-11.2	30.0
Methyl acetate	Ave	0.3701	0.3107	0.1000	16.8	20.0	-16.1	30.0
Allyl chloride	Ave	0.4256	0.3796		17.8	20.0	-10.8	30.0
Methylene Chloride	Ave	0.3131	0.2992	0.1000	19.1	20.0	-4.4	30.0
t-Butyl alcohol	Ave	1.140	0.9511		167	200	-16.6	30.0
Acrylonitrile	Ave	0.1949	0.1739		89.2	100	-10.8	30.0
Methyl tert-butyl ether	Ave	0.9675	0.8579	0.1000	17.7	20.0	-11.3	30.0
trans-1,2-Dichloroethene	Ave	0.2589	0.2501	0.1000	19.3	20.0	-3.4	30.0
n-Hexane	Ave	0.3111	0.2725		17.5	20.0	-12.4	30.0
1,1-Dichloroethane	Ave	0.4645	0.4538	0.2000	19.5	20.0	-2.3	30.0
Isopropyl ether	Ave	0.8944	0.8182		18.3	20.0	-8.5	30.0
2-Chloro-1,3-butadiene	Ave	0.4249	0.3997		18.8	20.0	-5.9	30.0
Ethyl t-butyl ether	Ave	0.9337	0.8246		17.7	20.0	-11.7	30.0
2-Butanone (MEK)	Ave	0.2591	0.2240	0.1000	216	250	-13.5	30.0
cis-1,2-Dichloroethene	Ave	0.2983	0.2854	0.1000	19.1	20.0	-4.3	30.0
2,2-Dichloropropane	Ave	0.4735	0.4517		19.1	20.0	-4.6	30.0
Propionitrile	Ave	1.187	1.163		147	150	-2.0	30.0
Methyl acrylate	Ave	0.4585	0.4031		17.6	20.0	-12.1	30.0
Methacrylonitrile	Ave	0.1819	0.1678		138	150	-7.8	30.0
Bromochloromethane	Ave	0.1430	0.1362		19.0	20.0	-4.8	30.0
Tetrahydrofuran	Ave	1.008	0.9752		96.7	100	-3.3	30.0
Chloroform	Ave	0.4861	0.4406	0.2000	18.1	20.0	-9.4	30.0
1,1,1-Trichloroethane	Ave	0.4600	0.4575	0.1000	19.9	20.0	-0.5	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: ICV 410-661307/20 Calibration Date: 06/23/2025 21:47

Instrument ID: 9137 Calib Start Date: 06/23/2025 18:50

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/23/2025 21:02

Lab File ID: WU23X19.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Cyclohexane	Ave	0.5337	0.4832	0.1000	18.1	20.0	-9.5	30.0
1,1-Dichloropropene	Ave	0.3920	0.3592		18.3	20.0	-8.4	30.0
Carbon tetrachloride	Ave	0.3658	0.3471	0.1000	19.0	20.0	-5.1	30.0
Isobutyl alcohol	Ave	0.3710	0.2916		393	500	-21.4	30.0
Benzene	Ave	1.139	1.090	0.5000	19.2	20.0	-4.2	30.0
1,2-Dichloroethane	Ave	0.3524	0.3421	0.1000	19.4	20.0	-2.9	30.0
t-Amyl methyl ether	Ave	0.8951	0.8094		18.1	20.0	-9.6	30.0
n-Heptane	Ave	0.2867	0.2368		16.5	20.0	-17.4	30.0
n-Butanol	Ave	0.2791	0.2315		830	1000	-17.0	30.0
Trichloroethene	Ave	0.2832	0.2678	0.2000	18.9	20.0	-5.5	30.0
Ethyl acrylate	Ave	0.4735	0.3789		16.0	20.0	-20.0	30.0
Methylcyclohexane	Ave	0.4573	0.3988	0.1000	17.4	20.0	-12.8	30.0
1,2-Dichloropropane	Ave	0.2864	0.2701	0.1000	18.9	20.0	-5.7	30.0
t-Amyl ethyl ether	Ave	0.4190	0.3779		18.0	20.0	-9.8	30.0
Methyl methacrylate	Ave	0.2608	0.2342		18.0	20.0	-10.2	30.0
1,4-Dioxane	Ave	0.0721	0.0578	0.0050	401	500	-19.9	30.0
Dibromomethane	Ave	0.1797	0.1677		18.7	20.0	-6.7	30.0
Bromodichloromethane	Ave	0.3144	0.2940	0.2000	18.7	20.0	-6.5	30.0
2-Nitropropane	Ave	1.595	1.352		17.0	20.0	-15.2	30.0
2-Chloroethyl vinyl ether	Ave	0.2045	0.1801		17.6	20.0	-11.9	30.0
cis-1,3-Dichloropropene	Ave	0.4120	0.3551	0.2000	17.2	20.0	-13.8	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5059	0.4646	0.1000	230	250	-8.2	30.0
Toluene	Ave	0.9380	0.8978	0.4000	19.1	20.0	-4.3	30.0
trans-1,3-Dichloropropene	Ave	0.4973	0.4511	0.1000	18.1	20.0	-9.3	30.0
Ethyl methacrylate	Ave	0.6423	0.5744		17.9	20.0	-10.6	30.0
1,1,2-Trichloroethane	Ave	0.3421	0.3109	0.1000	18.2	20.0	-9.1	30.0
Tetrachloroethene	Ave	0.3736	0.3555	0.2000	19.0	20.0	-4.8	30.0
1,3-Dichloropropane	Ave	0.5743	0.5274		18.4	20.0	-8.2	30.0
2-Hexanone	Ave	0.4736	0.4438	0.1000	234	250	-6.3	30.0
Dibromochloromethane	Ave	0.3277	0.2952		18.0	20.0	-9.9	30.0
1,2-Dibromoethane (EDB)	Ave	0.3618	0.3334	0.1000	18.4	20.0	-7.9	30.0
1-Chlorohexane	Ave	0.4805	0.4260		17.7	20.0	-11.4	30.0
Chlorobenzene	Ave	0.9857	0.9232	0.5000	18.7	20.0	-6.3	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3734	0.3500		18.7	20.0	-6.3	30.0
Ethylbenzene	Ave	1.855	1.751	0.1000	18.9	20.0	-5.6	30.0
m&p-Xylene	Ave	0.7037	0.6611	0.1000	37.6	40.0	-6.0	30.0
n-Butyl acrylate	Ave	0.8947	0.7660		17.1	20.0	-14.4	30.0
o-Xylene	Ave	0.7447	0.7025	0.3000	18.9	20.0	-5.7	30.0
Styrene	Ave	1.118	1.050	0.3000	18.8	20.0	-6.0	30.0
Bromoform	Ave	0.2419	0.2146	0.1000	17.7	20.0	-11.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: ICV 410-661307/20 Calibration Date: 06/23/2025 21:47

Instrument ID: 9137 Calib Start Date: 06/23/2025 18:50

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/23/2025 21:02

Lab File ID: WU23X19.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Isopropylbenzene	Ave	1.686	1.810	0.1000	21.5	20.0	7.3	30.0
Cyclohexanone	Ave	0.2709	0.2433		449	500	-10.2	30.0
1,1,2,2-Tetrachloroethane	Ave	1.225	1.108	0.3000	18.1	20.0	-9.6	30.0
Bromobenzene	Ave	0.7694	0.7036		18.3	20.0	-8.5	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3487	0.3147		90.2	100	-9.8	30.0
1,2,3-Trichloropropane	Ave	0.3774	0.3441		18.2	20.0	-8.8	30.0
N-Propylbenzene	Ave	3.720	3.517		18.9	20.0	-5.5	30.0
2-Chlorotoluene	Ave	0.7723	0.7040		18.2	20.0	-8.9	30.0
1,3,5-Trimethylbenzene	Ave	2.789	2.596		18.6	20.0	-6.9	30.0
4-Chlorotoluene	Ave	0.7288	0.6605		18.1	20.0	-9.4	30.0
tert-Butylbenzene	Ave	0.5090	0.4622		18.2	20.0	-9.2	30.0
1,2,4-Trimethylbenzene	Ave	2.964	2.606		17.6	20.0	-12.1	30.0
sec-Butylbenzene	Ave	3.295	3.024		18.4	20.0	-8.2	30.0
1,3-Dichlorobenzene	Ave	1.422	1.272	0.6000	17.9	20.0	-10.5	30.0
p-Isopropyltoluene	Ave	2.853	2.565		18.0	20.0	-10.1	30.0
1,4-Dichlorobenzene	Ave	1.455	1.289	0.5000	17.7	20.0	-11.4	30.0
1,2,3-Trimethylbenzene	Ave	3.201	2.768		17.3	20.0	-13.5	30.0
Benzyl chloride	Ave	2.255	2.015		17.9	20.0	-10.7	30.0
1,3-Diethylbenzene	Ave	1.651	1.486		18.0	20.0	-10.0	30.0
1,4-Diethylbenzene	Ave	1.856	1.538		16.6	20.0	-17.1	30.0
n-Butylbenzene	Ave	1.373	1.209		17.6	20.0	-11.9	30.0
1,2-Dichlorobenzene	Ave	1.534	1.367	0.4000	17.8	20.0	-10.9	30.0
1,2-Diethylbenzene	Ave	1.437	1.273		17.7	20.0	-11.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3768	0.3018	0.0500	16.0	20.0	-19.9	30.0
1,3,5-Trichlorobenzene	Ave	1.029	0.9126		17.7	20.0	-11.3	30.0
1,2,4-Trichlorobenzene	Ave	1.038	0.9113	0.2000	17.6	20.0	-12.2	30.0
2-Ethylhexyl acrylate	Ave	1.163	0.9006		15.5	20.1	-22.6	30.0
Hexachlorobutadiene	Ave	0.3588	0.3242		18.1	20.0	-9.6	30.0
Naphthalene	Ave	4.890	3.968		16.2	20.0	-18.8	30.0
1,2,3-Trichlorobenzene	Ave	1.068	0.9269		17.4	20.0	-13.2	30.0
2-Methylnaphthalene	Ave	2.081	1.914		18.4	20.0	-8.0	30.0
Dibromofluoromethane (Surr)	Ave	0.2356	0.2347		49.8	50.0	-0.4	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0598	0.0595		49.8	50.0	-0.5	30.0
Toluene-d8 (Surr)	Ave	1.333	1.333		50.0	50.0	0.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5004	0.4972		49.7	50.0	-0.6	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X19.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 23-Jun-2025 21:47:30 ALS Bottle#: 19 Worklist Smp#: 20
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151197-020
Misc. Info.: ICV
Operator ID: knk41612 Instrument ID: 9137
Sublist:

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 25-Jun-2025 08:55:51 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1604

First Level Reviewer: Y6ZN Date: 23-Jun-2025 22:08:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.982	1.982	0.000	99	185305	20.0	18.3	
7 Chloromethane	50	2.184	2.184	0.000	100	196689	20.0	18.0	
9 Vinyl chloride	62	2.300	2.300	0.000	98	193368	20.0	18.0	
8 Butadiene	39	2.303	2.303	0.000	85	189737	20.0	16.9	
12 Bromomethane	94	2.653	2.656	-0.003	91	127347	20.0	17.9	
13 Chloroethane	64	2.720	2.727	-0.007	100	102373	20.0	17.9	
14 Dichlorofluoromethane	67	2.996	2.999	-0.003	98	281963	20.0	17.6	
15 Trichlorofluoromethane	101	3.047	3.054	-0.007	96	210014	20.0	17.5	
28 Pentane	43	3.070	3.073	-0.003	97	151753	20.0	16.5	
17 Ethanol	45	3.150	3.247	-0.096	60	78492	1000.1	891.8	
18 1,2-Dichloro-1,1,2-trifluoroetha	67	3.388	3.391	-0.003	92	134558	20.0	17.5	
19 Acrolein	56	3.461	3.462	-0.001	99	290065	146.3	147.8	
20 1,1-Dichloroethene	96	3.606	3.609	-0.003	98	107677	20.0	20.8	
22 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.641	3.648	-0.007	78	108371	20.0	18.1	
21 Acetone	58	3.641	3.651	-0.010	100	229164	250.0	228.9	
23 Iodomethane	142	3.814	3.824	-0.010	98	182546	20.0	18.2	
24 Isopropyl alcohol	45	3.824	3.879	-0.055	41	142608	150.0	127.8	
25 Carbon disulfide	76	3.949	3.959	-0.010	99	337172	20.0	17.8	
27 Methyl acetate	43	4.061	4.068	-0.007	96	116731	20.0	16.8	
30 3-Chloro-1-propene	41	4.084	4.090	-0.006	94	142638	20.0	17.8	
33 Methylene Chloride	84	4.296	4.293	0.003	89	112410	20.0	19.1	
* 34 t-Butyl alcohol-d10 (IS)	65	4.363	4.386	-0.023	0	326795	250.0	250.0	
35 2-Methyl-2-propanol	59	4.485	4.501	-0.016	32	248664	200.0	166.8	M
36 Acrylonitrile	53	4.636	4.642	-0.006	98	326659	100.0	89.2	
38 trans-1,2-Dichloroethene	96	4.703	4.700	0.003	98	93968	20.0	19.3	
37 Methyl tert-butyl ether	73	4.694	4.716	-0.022	90	322334	20.0	17.7	
39 Hexane	57	5.133	5.137	-0.004	90	102368	20.0	17.5	
41 1,1-Dichloroethane	63	5.371	5.371	0.000	96	170522	20.0	19.5	
42 Isopropyl ether	45	5.438	5.432	0.006	96	307416	20.0	18.3	
43 2-Chloro-1,3-butadiene	53	5.473	5.486	-0.013	91	150186	20.0	18.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
44 Tert-butyl ethyl ether	59	5.964	5.968	-0.004	98	309839	20.0	17.7	
46 2-Butanone (MEK)	43	6.167	6.170	-0.004	100	1052079	250.0	216.1	
47 cis-1,2-Dichloroethene	96	6.215	6.212	0.003	82	107233	20.0	19.1	
49 2,2-Dichloropropane	77	6.227	6.234	-0.007	88	169726	20.0	19.1	
50 Propionitrile	54	6.266	6.292	-0.026	95	228083	150.0	147.0	
51 Methyl acrylate	55	6.292	6.305	-0.013	98	151351	20.0	17.6	
53 Methacrylonitrile	67	6.484	6.484	0.000	91	472771	150.0	138.4	
54 Chlorobromomethane	128	6.539	6.545	-0.006	93	51160	20.0	19.0	
55 Tetrahydrofuran	71	6.558	6.548	0.010	76	127473	100.0	96.7	
56 Chloroform	83	6.693	6.693	0.000	94	165562	20.0	18.1	
$ 57 Dibromofluoromethane (Surr)	113	6.908	6.914	-0.006	93	220484	50.0	49.8	
58 1,1,1-Trichloroethane	97	6.921	6.918	0.003	97	171891	20.0	19.9	
59 Cyclohexane	56	7.014	7.017	-0.003	91	181570	20.0	18.1	
62 1,1-Dichloropropene	75	7.129	7.133	-0.003	94	134960	20.0	18.3	
61 Carbon tetrachloride	117	7.132	7.133	0.000	93	130430	20.0	19.0	
64 Isobutyl alcohol	41	7.302	7.312	-0.010	90	190571	500.0	393.0	
$ 65 1,2-Dichloroethane-d4 (Surr)	102	7.363	7.370	-0.007	0	55908	50.0	49.8	
66 Benzene	78	7.402	7.399	0.003	97	409684	20.0	19.2	
69 1,2-Dichloroethane	62	7.473	7.469	0.004	97	128520	20.0	19.4	
70 Tert-amyl methyl ether	73	7.591	7.588	0.003	99	304113	20.0	18.1	
* 73 Fluorobenzene (IS)	96	7.803	7.806	-0.003	98	939320	50.0	50.0	
74 n-Heptane	43	7.816	7.813	0.003	43	88976	20.0	16.5	
75 n-Butanol	56	8.179	8.172	0.006	89	302630	1000.0	829.5	
76 Trichloroethene	95	8.278	8.278	0.000	99	100602	20.0	18.9	
77 Ethyl acrylate	55	8.397	8.394	0.003	99	142199	20.0	16.0	
78 Methylcyclohexane	83	8.589	8.589	0.000	93	149847	20.0	17.4	
80 1,2-Dichloropropane	63	8.615	8.618	-0.003	73	101482	20.0	18.9	
79 2-ethoxy-2-methyl butane	87	8.618	8.625	-0.007	92	141985	20.0	18.0	
81 Methyl methacrylate	69	8.702	8.702	0.000	91	88012	20.0	18.0	
82 1,4-Dioxane	88	8.711	8.708	0.003	65	37789	500.0	400.7	
83 Dibromomethane	93	8.724	8.731	-0.007	97	62997	20.0	18.7	
85 Dichlorobromomethane	83	8.965	8.965	0.000	100	110448	20.0	18.7	
86 2-Nitropropane	41	9.241	9.247	-0.006	99	35336	20.0	17.0	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	90	67679	20.0	17.6	
91 cis-1,3-Dichloropropene	75	9.510	9.510	0.000	96	133424	20.0	17.2	
92 4-Methyl-2-pentanone (MIBK)	43	9.683	9.684	-0.001	96	2182078	250.0	229.6	
$ 94 Toluene-d8 (Surr)	98	9.812	9.812	0.000	93	899802	50.0	50.0	
99 Toluene	92	9.886	9.889	-0.003	99	242373	20.0	19.1	
124 trans-1,3-Dichloropropene	75	10.142	10.142	0.000	94	121784	20.0	18.1	
126 Ethyl methacrylate	69	10.203	10.203	0.000	88	155062	20.0	17.9	
128 1,1,2-Trichloroethane	97	10.348	10.351	-0.003	91	83924	20.0	18.2	
129 Tetrachloroethene	166	10.434	10.434	0.000	97	95970	20.0	19.0	
131 1,3-Dichloropropane	76	10.508	10.511	-0.003	90	142363	20.0	18.4	
133 2-Hexanone	43	10.563	10.563	0.000	96	1497631	250.0	234.3	
135 Chlorodibromomethane	129	10.720	10.723	-0.003	90	79696	20.0	18.0	
136 Ethylene Dibromide	107	10.832	10.832	0.000	99	89990	20.0	18.4	
* 138 Chlorobenzene-d5 (IS)	117	11.262	11.262	0.000	86	674888	50.0	50.0	
139 1-Chlorohexane	91	11.269	11.269	0.000	98	114988	20.0	17.7	
140 Chlorobenzene	112	11.288	11.288	0.000	95	249221	20.0	18.7	
141 1,1,1,2-Tetrachloroethane	131	11.368	11.371	-0.003	94	94493	20.0	18.7	
142 Ethylbenzene	91	11.375	11.371	0.004	98	472625	20.0	18.9	
143 m-Xylene & p-Xylene	106	11.487	11.487	0.000	0	356952	40.0	37.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
144 n-Butyl acrylate	55	11.763	11.763	0.000	97	206609	20.0	17.1	
145 o-Xylene	106	11.817	11.818	-0.001	97	189656	20.0	18.9	
146 Styrene	104	11.830	11.830	0.000	94	283562	20.0	18.8	
147 Bromoform	173	11.987	11.988	-0.001	96	57944	20.0	17.7	
148 Isopropylbenzene	105	12.116	12.116	0.000	96	488595	20.0	21.5	
150 Cyclohexanone	55	12.199	12.199	0.000	92	158979	499.9	449.0	
$ 151 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	88	335536	50.0	49.7	
152 1,1,2,2-Tetrachloroethane	83	12.366	12.366	0.000	95	165682	20.0	18.1	
153 Bromobenzene	156	12.376	12.379	-0.003	97	105239	20.0	18.3	
154 trans-1,4-Dichloro-2-butene	53	12.389	12.389	0.000	94	235323	100.0	90.2	
155 1,2,3-Trichloropropane	110	12.411	12.411	0.000	86	51470	20.0	18.2	
156 N-Propylbenzene	91	12.443	12.446	-0.003	99	526010	20.0	18.9	
157 2-Chlorotoluene	126	12.523	12.523	0.000	96	105289	20.0	18.2	
158 1,3,5-Trimethylbenzene	105	12.581	12.581	0.000	93	388242	20.0	18.6	
159 4-Chlorotoluene	126	12.613	12.617	-0.004	98	98781	20.0	18.1	
160 tert-Butylbenzene	134	12.822	12.825	-0.003	93	69127	20.0	18.2	
162 1,2,4-Trimethylbenzene	105	12.864	12.864	0.000	97	389694	20.0	17.6	
163 sec-Butylbenzene	105	12.985	12.986	-0.001	94	452240	20.0	18.4	
164 1,3-Dichlorobenzene	146	13.085	13.085	0.000	98	190272	20.0	17.9	
165 4-Isopropyltoluene	119	13.095	13.091	0.004	97	383666	20.0	18.0	
* 166 1,4-Dichlorobenzene-d4	152	13.139	13.140	-0.001	96	373911	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.159	13.159	0.000	94	192776	20.0	17.7	
169 1,2,3-Trimethylbenzene	105	13.168	13.172	-0.004	99	413978	20.0	17.3	
170 Benzyl chloride	91	13.236	13.236	0.000	98	301309	20.0	17.9	
171 1,3-Diethylbenzene	119	13.294	13.294	0.000	95	222293	20.0	18.0	
172 p-Diethylbenzene	119	13.364	13.364	0.000	93	229974	20.0	16.6	
173 n-Butylbenzene	92	13.387	13.383	0.004	97	180881	20.0	17.6	
174 1,2-Dichlorobenzene	146	13.419	13.422	-0.003	97	204387	20.0	17.8	
175 o-diethylbenzene	119	13.438	13.438	0.000	96	190323	20.0	17.7	
177 1,2-Dibromo-3-Chloropropane	75	13.961	13.964	-0.003	83	45143	20.0	16.0	
178 1,3,5-Trichlorobenzene	180	14.086	14.086	0.000	97	136498	20.0	17.7	
179 1,2,4-Trichlorobenzene	180	14.510	14.513	-0.003	94	136304	20.0	17.6	
180 2-Ethylhexyl acrylate	55	14.567	14.568	-0.001	81	135034	20.1	15.5	
181 Hexachlorobutadiene	225	14.596	14.593	0.003	96	48493	20.0	18.1	
182 Naphthalene	128	14.696	14.696	0.000	97	593534	20.0	16.2	
183 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	97	138627	20.0	17.4	
184 2-Methylnaphthalene	142	15.472	15.476	-0.004	91	286264	20.0	18.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00225	Amount Added:	50.00	Units: uL	
MSV_LCS_2CEVE_00235	Amount Added:	50.00	Units: uL	
MSV_LCS_CYC_00012	Amount Added:	50.00	Units: uL	
MSV_LCS_ETOH_00010	Amount Added:	50.00	Units: uL	
MSV_Q_Acr_Std_00012	Amount Added:	2.00	Units: uL	
MSV_LCS_ACROL_00233	Amount Added:	50.00	Units: uL	
MSV_QC_2K_GAS_00309	Amount Added:	1.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

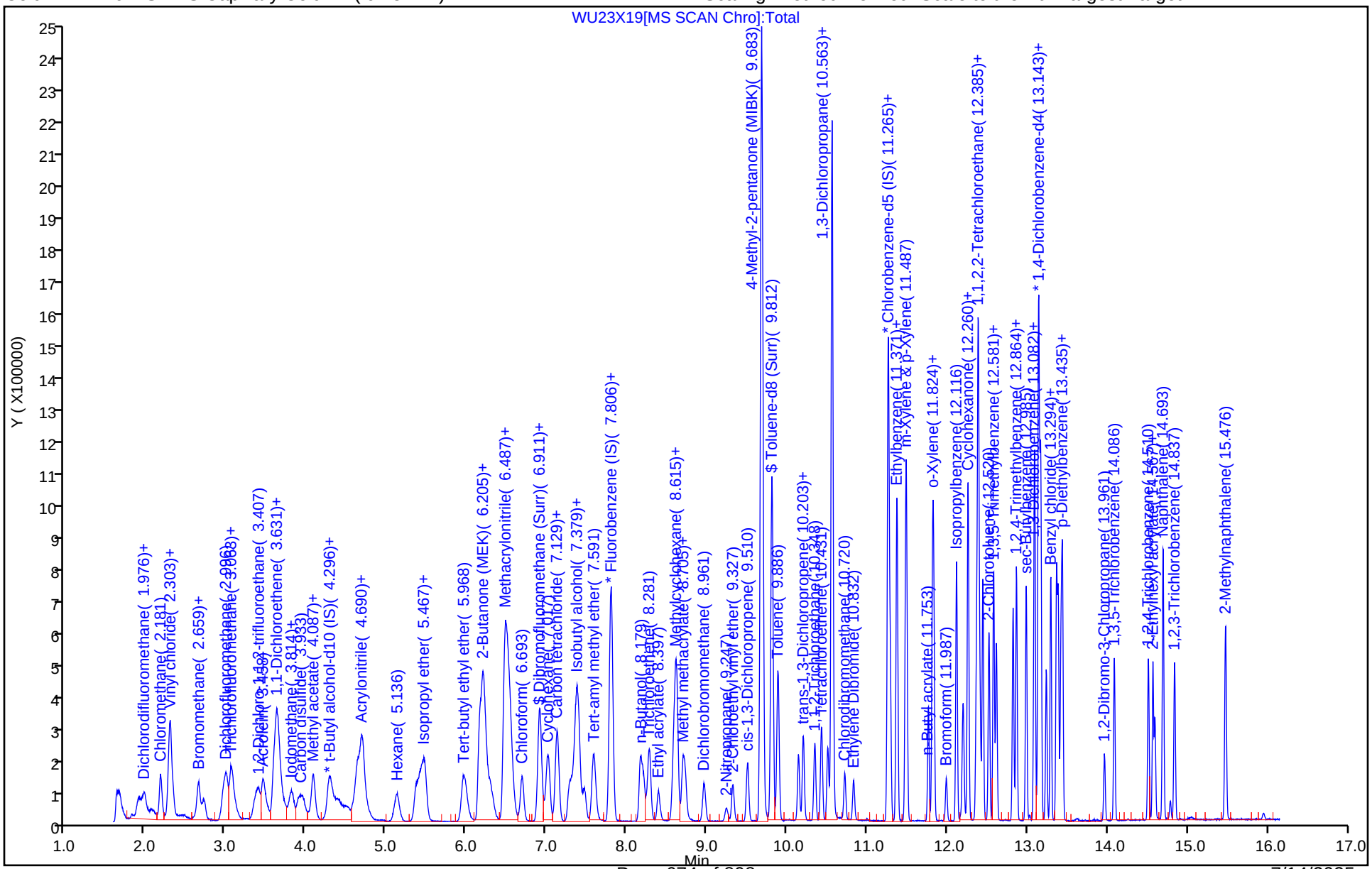
Report Date: 25-Jun-2025 08:56:27 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X19.D

Injection Date:	23-Jun-2025 21:47:30	Instrument ID:	9137	Operator ID:	knk41612
Lims ID:	ICV			Worklist Smp#:	20
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	19
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

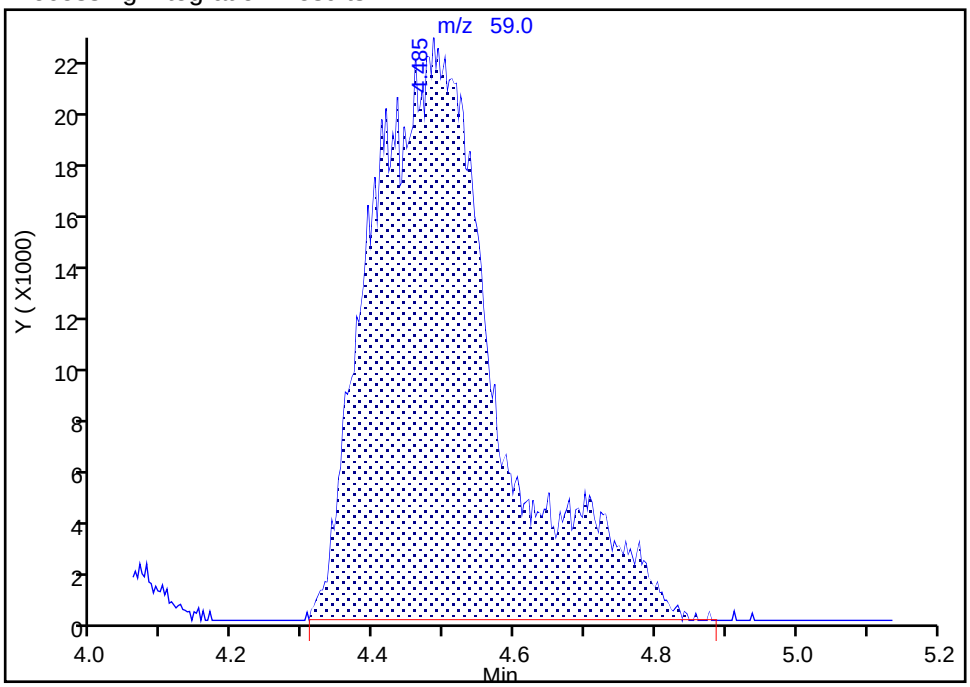
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X19.D				
Injection Date:	23-Jun-2025 21:47:30	Instrument ID:	9137		
Lims ID:	ICV				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	19	Worklist Smp#:	20
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 2-Methyl-2-propanol, CAS: 75-65-0

Signal: 1

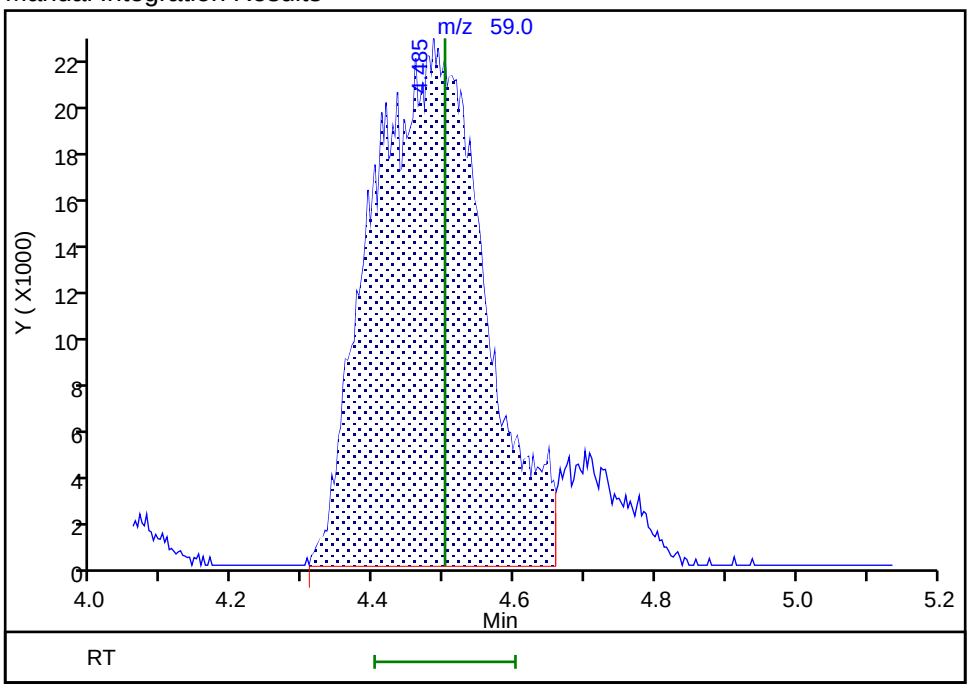
Processing Integration Results

RT: 4.49
Area: 277910
Amount: 186.4203
Amount Units: ug/l



Manual Integration Results

RT: 4.49
Area: 248664
Amount: 166.8023
Amount Units: ug/l



Reviewer: Y6ZN, 23-Jun-2025 22:08:19 -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.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-668460/3 Calibration Date: 07/08/2025 22:24

Instrument ID: 9137 Calib Start Date: 06/23/2025 18:50

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/23/2025 21:02

Lab File ID: WL08X35.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	0.5383	0.5717	0.1000	53.1	50.0	6.2	20.0
Chloromethane	Ave	0.5808	0.6544	0.1000	56.3	50.0	12.7	20.0
1,3-Butadiene	Ave	0.5959	0.5031		42.2	50.0	-15.6	20.0
Vinyl chloride	Ave	0.5711	0.6228	0.1000	54.5	50.0	9.1	20.0
Bromomethane	Ave	0.3788	0.4084	0.1000	53.9	50.0	7.8	20.0
Chloroethane	Ave	0.3045	0.3071	0.1000	50.4	50.0	0.8	20.0
Dichlorofluoromethane	Ave	0.8518	0.7821		45.9	50.0	-8.2	20.0
Trichlorofluoromethane	Ave	0.6395	0.6378	0.1000	49.9	50.0	-0.3	20.0
n-Pentane	Ave	0.4892	0.3603		36.8	50.0	-26.4*	20.0
Freon 123a	Ave	0.4094	0.3880		47.4	50.0	-5.2	20.0
Acrolein	Ave	1.501	1.829		595	488	21.9*	20.0
1,1-Dichloroethene	Ave	0.2758	0.2637	0.1000	47.8	50.0	-4.4	20.0
Acetone	Ave	0.7658	1.150	0.1000	150	100	50.2*	20.0
Freon 113	Ave	0.3186	0.2790	0.1000	43.8	50.0	-12.4	20.0
2-Propanol	Ave	0.8536	0.6652		195	250	-22.1*	20.0
Methyl iodide	Ave	0.5339	0.5221		48.9	50.0	-2.2	20.0
Carbon disulfide	Ave	1.011	0.9539	0.1000	47.2	50.0	-5.6	20.0
Methyl acetate	Ave	0.3701	0.3254	0.1000	44.0	50.0	-12.1	20.0
Allyl chloride	Ave	0.4256	0.3756		44.1	50.0	-11.7	20.0
Methylene Chloride	Ave	0.3131	0.3049	0.1000	48.7	50.0	-2.6	20.0
t-Butyl alcohol	Ave	1.140	1.286		282	250	12.7	20.0
Acrylonitrile	Ave	0.1949	0.1940		124	125	-0.5	20.0
Methyl tert-butyl ether	Ave	0.9675	0.8826	0.1000	45.6	50.0	-8.8	20.0
trans-1,2-Dichloroethene	Ave	0.2589	0.2592	0.1000	50.1	50.0	0.1	20.0
n-Hexane	Ave	0.3111	0.2822		45.4	50.0	-9.3	20.0
1,1-Dichloroethane	Ave	0.4645	0.4526	0.2000	48.7	50.0	-2.5	20.0
Isopropyl ether	Ave	0.8944	0.8563		47.9	50.0	-4.3	20.0
2-Chloro-1,3-butadiene	Ave	0.4249	0.3842		45.2	50.0	-9.6	20.0
Ethyl t-butyl ether	Ave	0.9337	0.8081		43.3	50.0	-13.5	20.0
2-Butanone (MEK)	Ave	0.2591	0.2644	0.1000	102	100	2.0	20.0
cis-1,2-Dichloroethene	Ave	0.2983	0.2923	0.1000	49.0	50.0	-2.0	20.0
2,2-Dichloropropane	Ave	0.4735	0.4283		45.2	50.0	-9.5	20.0
Propionitrile	Ave	1.187	1.640		345	250	38.2*	20.0
Methyl acrylate	Ave	0.4585	0.4061		44.3	50.0	-11.4	20.0
Methacrylonitrile	Ave	0.1819	0.1801		124	125	-1.0	20.0
Bromochloromethane	Ave	0.1430	0.1494		52.2	50.0	4.4	20.0
Tetrahydrofuran	Ave	1.008	1.331		330	250	32.0*	20.0
Chloroform	Ave	0.4861	0.4451	0.2000	45.8	50.0	-8.4	20.0
1,1,1-Trichloroethane	Ave	0.4600	0.4516	0.1000	49.1	50.0	-1.8	20.0
Cyclohexane	Ave	0.5337	0.4756	0.1000	44.6	50.0	-10.9	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-668460/3 Calibration Date: 07/08/2025 22:24

Instrument ID: 9137 Calib Start Date: 06/23/2025 18:50

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/23/2025 21:02

Lab File ID: WL08X35.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1-Dichloropropene	Ave	0.3920	0.3808		48.6	50.0	-2.8	20.0
Carbon tetrachloride	Ave	0.3658	0.3749	0.1000	51.2	50.0	2.5	20.0
Isobutyl alcohol	Ave	0.3710	0.3952		666	625	6.5	20.0
Benzene	Ave	1.139	1.147	0.5000	50.4	50.0	0.7	20.0
1,2-Dichloroethane	Ave	0.3524	0.3382	0.1000	48.0	50.0	-4.0	20.0
t-Amyl methyl ether	Ave	0.8951	0.8023		44.8	50.0	-10.4	20.0
n-Heptane	Ave	0.2867	0.2880		50.2	50.0	0.4	20.0
n-Butanol	Ave	0.2791	0.2813		630	625	0.8	20.0
Trichloroethene	Ave	0.2832	0.2865	0.2000	50.6	50.0	1.2	20.0
Ethyl acrylate	Ave	0.4735	0.4027		42.6	50.0	-14.9	20.0
Methylcyclohexane	Ave	0.4573	0.4424	0.1000	48.4	50.0	-3.3	20.0
1,2-Dichloropropane	Ave	0.2864	0.2861	0.1000	49.9	50.0	-0.1	20.0
t-Amyl ethyl ether	Ave	0.4190	0.3886		46.4	50.0	-7.3	20.0
Methyl methacrylate	Ave	0.2608	0.2662		51.0	50.0	2.0	20.0
1,4-Dioxane	Ave	0.0721	0.0839	0.0050	727	625	16.3	20.0
Dibromomethane	Ave	0.1797	0.1874		52.1	50.0	4.3	20.0
Bromodichloromethane	Ave	0.3144	0.3295	0.2000	52.4	50.0	4.8	20.0
2-Nitropropane	Ave	1.595	1.913		300	250	19.9	20.0
2-Chloroethyl vinyl ether	Ave	0.2045	0.2006		49.0	50.0	-1.9	20.0
cis-1,3-Dichloropropene	Ave	0.4120	0.4128	0.2000	50.1	50.0	0.2	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.5059	0.5088	0.1000	101	100	0.6	20.0
Toluene	Ave	0.9380	0.9574	0.4000	51.0	50.0	2.1	20.0
trans-1,3-Dichloropropene	Ave	0.4973	0.4964	0.1000	49.9	50.0	-0.2	20.0
Ethyl methacrylate	Ave	0.6423	0.5845		45.5	50.0	-9.0	20.0
1,1,2-Trichloroethane	Ave	0.3421	0.3541	0.1000	51.8	50.0	3.5	20.0
Tetrachloroethene	Ave	0.3736	0.4810	0.2000	64.4	50.0	28.8*	20.0
1,3-Dichloropropane	Ave	0.5743	0.5741		50.0	50.0	-0.0	20.0
2-Hexanone	Ave	0.4736	0.4806	0.1000	101	100	1.5	20.0
Dibromochloromethane	Ave	0.3277	0.3760		57.4	50.0	14.8	20.0
1,2-Dibromoethane (EDB)	Ave	0.3618	0.3768	0.1000	52.1	50.0	4.1	20.0
1-Chlorohexane	Ave	0.4805	0.4703		48.9	50.0	-2.1	20.0
Chlorobenzene	Ave	0.9857	1.041	0.5000	52.8	50.0	5.7	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3734	0.4103		54.9	50.0	9.9	20.0
Ethylbenzene	Ave	1.855	1.919	0.1000	51.7	50.0	3.4	20.0
m&p-Xylene	Ave	0.7037	0.7444	0.1000	106	100	5.8	20.0
n-Butyl acrylate	Ave	0.8947	0.7673		42.9	50.0	-14.2	20.0
o-Xylene	Ave	0.7447	0.7820	0.3000	52.5	50.0	5.0	20.0
Styrene	Ave	1.118	1.189	0.3000	53.2	50.0	6.4	20.0
Bromoform	Ave	0.2419	0.2951	0.1000	61.0	50.0	22.0*	20.0
Isopropylbenzene	Ave	1.686	1.801	0.1000	53.4	50.0	6.8	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Lab Sample ID: CCVIS 410-668460/3 Calibration Date: 07/08/2025 22:24

Instrument ID: 9137 Calib Start Date: 06/23/2025 18:50

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/23/2025 21:02

Lab File ID: WL08X35.D Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
1,1,2,2-Tetrachloroethane	Ave	1.225	1.253	0.3000	51.1	50.0	2.3	20.0
Bromobenzene	Ave	0.7694	0.8329		54.1	50.0	8.3	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3487	0.3203		115	125	-8.2	20.0
1,2,3-Trichloropropane	Ave	0.3774	0.3791		50.2	50.0	0.5	20.0
N-Propylbenzene	Ave	3.720	4.015		54.0	50.0	7.9	20.0
2-Chlorotoluene	Ave	0.7723	0.8283		53.6	50.0	7.2	20.0
1,3,5-Trimethylbenzene	Ave	2.789	2.959		53.1	50.0	6.1	20.0
4-Chlorotoluene	Ave	0.7288	0.8039		55.2	50.0	10.3	20.0
tert-Butylbenzene	Ave	0.5090	0.5640		55.4	50.0	10.8	20.0
1,2,4-Trimethylbenzene	Ave	2.964	3.032		51.1	50.0	2.3	20.0
sec-Butylbenzene	Ave	3.295	3.719		56.4	50.0	12.9	20.0
1,3-Dichlorobenzene	Ave	1.422	1.574	0.6000	55.4	50.0	10.7	20.0
p-Isopropyltoluene	Ave	2.853	3.222		56.5	50.0	12.9	20.0
1,4-Dichlorobenzene	Ave	1.455	1.603	0.5000	55.1	50.0	10.2	20.0
1,2,3-Trimethylbenzene	Ave	3.201	3.225		50.4	50.0	0.8	20.0
Benzyl chloride	Ave	2.255	2.332		51.7	50.0	3.4	20.0
1,3-Diethylbenzene	Ave	1.651	1.802		54.6	50.0	9.1	20.0
1,4-Diethylbenzene	Ave	1.856	1.918		51.7	50.0	3.3	20.0
n-Butylbenzene	Ave	1.373	1.498		54.5	50.0	9.1	20.0
1,2-Dichlorobenzene	Ave	1.534	1.663	0.4000	54.2	50.0	8.4	20.0
1,2-Diethylbenzene	Ave	1.437	1.585		55.1	50.0	10.3	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3768	0.3612	0.0500	47.9	50.0	-4.1	20.0
1,3,5-Trichlorobenzene	Ave	1.029	1.181		57.4	50.0	14.8	20.0
1,2,4-Trichlorobenzene	Ave	1.038	1.162	0.2000	56.0	50.0	11.9	20.0
2-Ethylhexyl acrylate	Ave	1.163	0.9468		40.7	50.0	-18.6	20.0
Hexachlorobutadiene	Ave	0.3588	0.4422		61.6	50.0	23.2*	20.0
Naphthalene	Ave	4.890	4.927		50.4	50.0	0.8	20.0
1,2,3-Trichlorobenzene	Ave	1.068	1.228		57.5	50.0	14.9	20.0
2-Methylnaphthalene	Ave	2.081	2.288		55.0	50.0	10.0	20.0
Dibromofluoromethane (Surr)	Ave	0.2356	0.2325		49.3	50.0	-1.3	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0598	0.0593		49.6	50.0	-0.8	20.0
Toluene-d8 (Surr)	Ave	1.333	1.329		49.9	50.0	-0.3	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5004	0.4666		46.6	50.0	-6.8	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X35.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 08-Jul-2025 22:24:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-003
Misc. Info.: CCVIS
Operator ID: AGD105956 Instrument ID: 9137
Sublist: chrom-MSVoa_9137*sub31

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:52:19 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 08-Jul-2025 23:31:17

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.969	1.969	0.000	100	469782	50.0	53.1	
7 Chloromethane	50	2.175	2.175	0.000	100	537773	50.0	56.3	
8 Butadiene	39	2.293	2.293	0.000	75	413446	50.0	42.2	
9 Vinyl chloride	62	2.293	2.293	0.000	99	511819	50.0	54.5	
11 Bromomethane	94	2.649	2.649	0.000	89	335591	50.0	53.9	
13 Chloroethane	64	2.720	2.720	0.000	100	252340	50.0	50.4	
14 Dichlorofluoromethane	67	2.986	2.986	0.000	98	642681	50.0	45.9	
15 Trichlorofluoromethane	101	3.047	3.047	0.000	99	524167	50.0	49.9	
16 Pentane	43	3.057	3.057	0.000	97	296050	50.0	36.8	
19 1,2-Dichloro-1,1,2-trifluoroetha	67	3.384	3.384	0.000	92	318812	50.0	47.4	
20 Acrolein	56	3.455	3.455	0.000	100	818683	487.9	594.7	
21 1,1-Dichloroethene	96	3.606	3.606	0.000	98	216720	50.0	47.8	
22 Acetone	58	3.628	3.628	0.000	87	105485	100.0	150.2	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.635	3.635	0.000	92	229289	50.0	43.8	
25 Isopropyl alcohol	45	3.785	3.785	0.000	45	152523	250.0	194.8	
26 Iodomethane	142	3.808	3.808	0.000	97	429018	50.0	48.9	
27 Carbon disulfide	76	3.946	3.946	0.000	98	783896	50.0	47.2	M
28 Methyl acetate	43	4.052	4.052	0.000	97	267436	50.0	44.0	
30 3-Chloro-1-propene	41	4.077	4.077	0.000	95	308631	50.0	44.1	
* 35 t-Butyl alcohol-d10 (IS)	65	4.273	4.273	0.000	90	229298	250.0	250.0	
34 Methylene Chloride	84	4.280	4.280	0.000	90	250592	50.0	48.7	
36 2-Methyl-2-propanol	59	4.446	4.446	0.000	97	294785	250.0	281.8	
37 Acrylonitrile	53	4.623	4.623	0.000	99	398469	125.0	124.4	
39 Methyl tert-butyl ether	73	4.674	4.674	0.000	93	725306	50.0	45.6	
38 trans-1,2-Dichloroethene	96	4.690	4.690	0.000	99	213038	50.0	50.1	
40 Hexane	57	5.120	5.120	0.000	92	231904	50.0	45.4	
41 1,1-Dichloroethane	63	5.361	5.361	0.000	96	371970	50.0	48.7	
43 Isopropyl ether	45	5.422	5.422	0.000	94	703660	50.0	47.9	
44 2-Chloro-1,3-butadiene	53	5.470	5.470	0.000	90	315707	50.0	45.2	
45 Tert-butyl ethyl ether	59	5.967	5.967	0.000	98	664065	50.0	43.3	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
47 2-Butanone (MEK)	43	6.163	6.163	0.000	100	434511	100.0	102.0	
48 cis-1,2-Dichloroethene	96	6.202	6.202	0.000	83	240180	50.0	49.0	
49 2,2-Dichloropropane	77	6.218	6.218	0.000	78	351955	50.0	45.2	
51 Propionitrile	54	6.263	6.263	0.000	96	376008	250.0	345.4	
52 Methyl acrylate	55	6.298	6.298	0.000	99	333853	50.0	44.3	
54 Methacrylonitrile	67	6.478	6.478	0.000	90	370055	125.0	123.8	
55 Chlorobromomethane	128	6.532	6.532	0.000	95	122747	50.0	52.2	
56 Tetrahydrofuran	71	6.551	6.551	0.000	87	305188	250.0	330.0	
57 Chloroform	83	6.689	6.689	0.000	94	365740	50.0	45.8	
$ 58 Dibromofluoromethane (Surr)	113	6.904	6.904	0.000	94	191053	50.0	49.3	
59 1,1,1-Trichloroethane	97	6.920	6.920	0.000	99	371111	50.0	49.1	
60 Cyclohexane	56	7.010	7.010	0.000	90	390799	50.0	44.6	
61 1,1-Dichloropropene	75	7.123	7.123	0.000	97	312974	50.0	48.6	
62 Carbon tetrachloride	117	7.126	7.126	0.000	81	308090	50.0	51.2	
65 Isobutyl alcohol	41	7.286	7.286	0.000	93	226520	625.0	665.7	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.357	7.357	0.000	86	48736	50.0	49.6	
67 Benzene	78	7.395	7.395	0.000	96	942752	50.0	50.4	
68 1,2-Dichloroethane	62	7.466	7.466	0.000	98	277938	50.0	48.0	
71 Tert-amyl methyl ether	73	7.582	7.582	0.000	98	659299	50.0	44.8	
* 74 Fluorobenzene (IS)	96	7.797	7.797	0.000	99	821780	50.0	50.0	
75 n-Heptane	43	7.813	7.813	0.000	94	236640	50.0	50.2	
76 n-Butanol	56	8.169	8.169	0.000	91	161260	625.0	630.0	
77 Trichloroethene	95	8.278	8.278	0.000	99	235422	50.0	50.6	
78 Ethyl acrylate	55	8.390	8.390	0.000	99	331120	50.0	42.6	
79 Methylcyclohexane	83	8.583	8.583	0.000	91	363543	50.0	48.4	
80 1,2-Dichloropropane	63	8.618	8.618	0.000	87	235139	50.0	49.9	
81 2-ethoxy-2-methyl butane	87	8.621	8.621	0.000	92	319316	50.0	46.4	
82 Methyl methacrylate	69	8.695	8.695	0.000	90	218727	50.0	51.0	
83 1,4-Dioxane	88	8.711	8.711	0.000	35	48076	625.0	726.6	
84 Dibromomethane	93	8.730	8.730	0.000	97	154002	50.0	52.1	
86 Dichlorobromomethane	83	8.965	8.965	0.000	100	270779	50.0	52.4	
87 2-Nitropropane	41	9.241	9.241	0.000	98	438606	250.0	299.9	
88 2-Chloroethyl vinyl ether	63	9.324	9.324	0.000	91	164811	50.0	49.0	
92 cis-1,3-Dichloropropene	75	9.510	9.510	0.000	97	339206	50.0	50.1	
93 4-Methyl-2-pentanone (MIBK)	43	9.680	9.680	0.000	97	836190	100.0	100.6	
$ 95 Toluene-d8 (Surr)	98	9.809	9.809	0.000	94	806360	50.0	49.9	
98 Toluene	92	9.886	9.886	0.000	98	580722	50.0	51.0	
125 trans-1,3-Dichloropropene	75	10.145	10.145	0.000	92	301105	50.0	49.9	
126 Ethyl methacrylate	69	10.203	10.203	0.000	89	354572	50.0	45.5	
129 1,1,2-Trichloroethane	97	10.348	10.348	0.000	90	214782	50.0	51.8	
130 Tetrachloroethene	166	10.431	10.431	0.000	98	291785	50.0	64.4	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	89	348247	50.0	50.0	
134 2-Hexanone	43	10.559	10.559	0.000	97	583039	100.0	101.5	
136 Chlorodibromomethane	129	10.723	10.723	0.000	91	228102	50.0	57.4	
137 Ethylene Dibromide	107	10.832	10.832	0.000	98	228533	50.0	52.1	
* 139 Chlorobenzene-d5 (IS)	117	11.259	11.259	0.000	84	606574	50.0	50.0	
140 1-Chlorohexane	91	11.269	11.269	0.000	97	285272	50.0	48.9	
141 Chlorobenzene	112	11.288	11.288	0.000	95	631685	50.0	52.8	
142 1,1,1,2-Tetrachloroethane	131	11.368	11.368	0.000	96	248851	50.0	54.9	
143 Ethylbenzene	91	11.371	11.371	0.000	98	1164018	50.0	51.7	
144 m-Xylene & p-Xylene	106	11.487	11.487	0.000	100	903107	100.0	105.8	
145 n-Butyl acrylate	55	11.763	11.763	0.000	96	465449	50.0	42.9	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
146 o-Xylene	106	11.817	11.817	0.000	96	474315	50.0	52.5	
147 Styrene	104	11.830	11.830	0.000	94	721440	50.0	53.2	
148 Bromoform	173	11.987	11.987	0.000	97	178980	50.0	61.0	
149 Isopropylbenzene	105	12.116	12.116	0.000	95	1092488	50.0	53.4	
$ 152 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	91	283017	50.0	46.6	
153 1,1,2,2-Tetrachloroethane	83	12.363	12.363	0.000	95	421654	50.0	51.1	
154 Bromobenzene	156	12.376	12.376	0.000	96	280308	50.0	54.1	
155 trans-1,4-Dichloro-2-butene	53	12.385	12.385	0.000	90	269471	125.0	114.8	
156 1,2,3-Trichloropropane	110	12.408	12.408	0.000	86	127589	50.0	50.2	
157 N-Propylbenzene	91	12.443	12.443	0.000	99	1351082	50.0	54.0	
158 2-Chlorotoluene	126	12.520	12.520	0.000	97	278747	50.0	53.6	
159 1,3,5-Trimethylbenzene	105	12.578	12.578	0.000	94	995936	50.0	53.1	
160 4-Chlorotoluene	126	12.613	12.613	0.000	97	270529	50.0	55.2	
161 tert-Butylbenzene	134	12.822	12.822	0.000	93	189814	50.0	55.4	
163 1,2,4-Trimethylbenzene	105	12.863	12.863	0.000	97	1020524	50.0	51.1	
164 sec-Butylbenzene	105	12.985	12.985	0.000	94	1251669	50.0	56.4	
165 1,3-Dichlorobenzene	146	13.085	13.085	0.000	99	529707	50.0	55.4	
166 4-Isopropyltoluene	119	13.091	13.091	0.000	97	1084273	50.0	56.5	
* 167 1,4-Dichlorobenzene-d4	152	13.139	13.139	0.000	94	336540	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.155	13.155	0.000	95	539505	50.0	55.1	
169 1,2,3-Trimethylbenzene	105	13.165	13.165	0.000	98	1085502	50.0	50.4	
171 Benzyl chloride	91	13.232	13.232	0.000	98	784712	50.0	51.7	
172 1,3-Diethylbenzene	119	13.290	13.290	0.000	95	606360	50.0	54.6	
173 p-Diethylbenzene	119	13.364	13.364	0.000	94	645507	50.0	51.7	
174 n-Butylbenzene	92	13.383	13.383	0.000	98	504029	50.0	54.5	
175 1,2-Dichlorobenzene	146	13.419	13.419	0.000	99	559509	50.0	54.2	
176 o-diethylbenzene	119	13.438	13.438	0.000	95	533248	50.0	55.1	
178 1,2-Dibromo-3-Chloropropane	75	13.961	13.961	0.000	88	121570	50.0	47.9	
179 1,3,5-Trichlorobenzene	180	14.083	14.083	0.000	98	397381	50.0	57.4	
180 1,2,4-Trichlorobenzene	180	14.510	14.510	0.000	95	391001	50.0	56.0	
181 2-Ethylhexyl acrylate	55	14.564	14.564	0.000	81	318700	50.0	40.7	
182 Hexachlorobutadiene	225	14.590	14.590	0.000	96	148823	50.0	61.6	
183 Naphthalene	128	14.692	14.692	0.000	97	1658048	50.0	50.4	
184 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	96	413107	50.0	57.5	
185 2-Methylnaphthalene	142	15.472	15.472	0.000	92	770122	50.0	55.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00243	Amount Added:	5.00	Units: uL	
MSV_CCV_2CEVE_00235	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00245	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01075	Amount Added:	2.50	Units: uL	
MSV_V_Acr_Std_00010	Amount Added:	1.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added:	5.00	Units: uL	Run Reagent

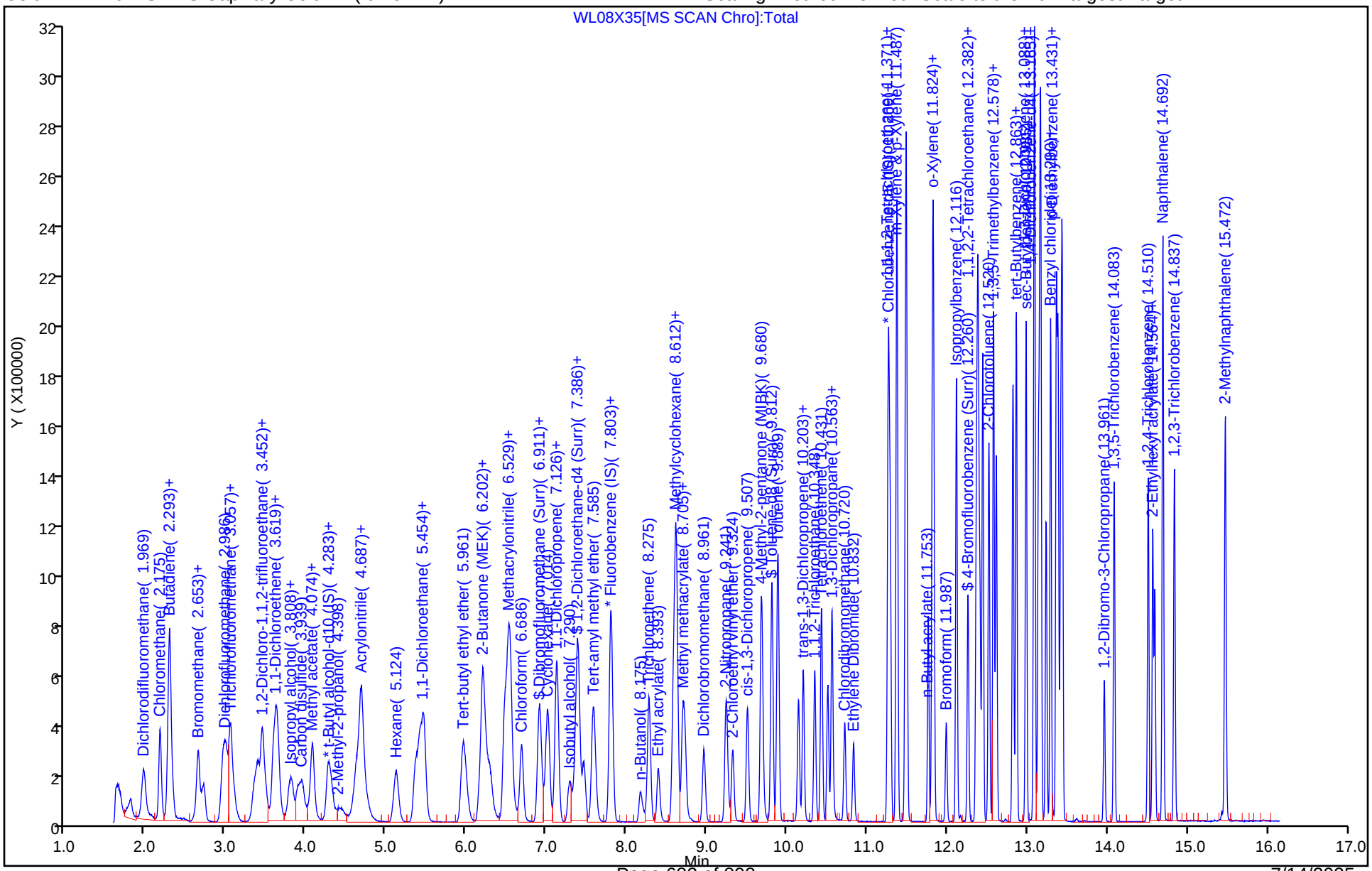
Report Date: 09-Jul-2025 02:52:20 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X35.D

Injection Date:	08-Jul-2025 22:24:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

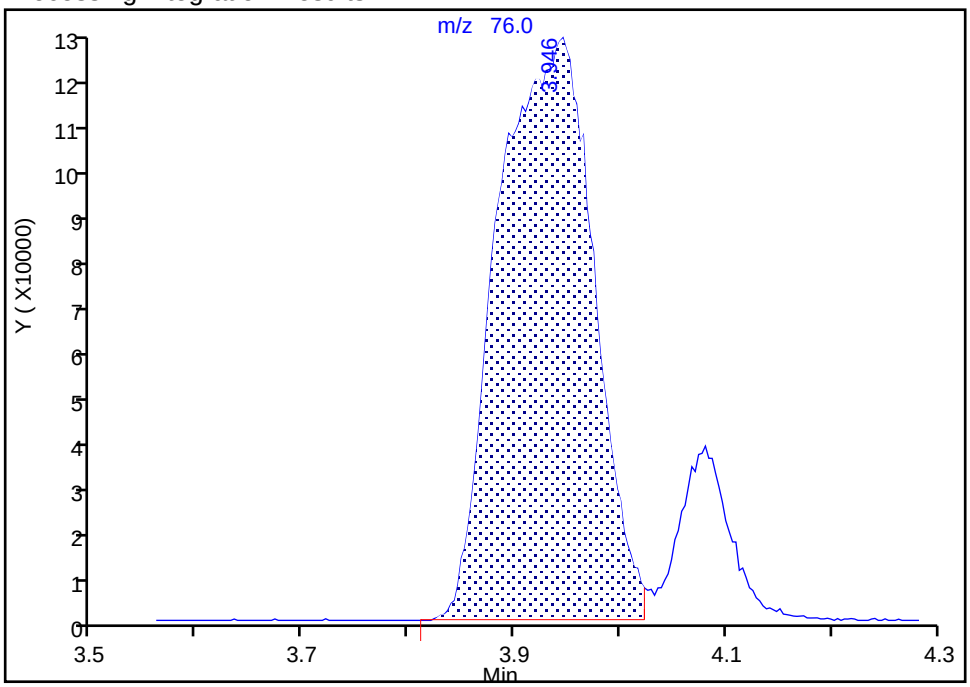
Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X35.D				
Injection Date:	08-Jul-2025 22:24:30	Instrument ID:	9137		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

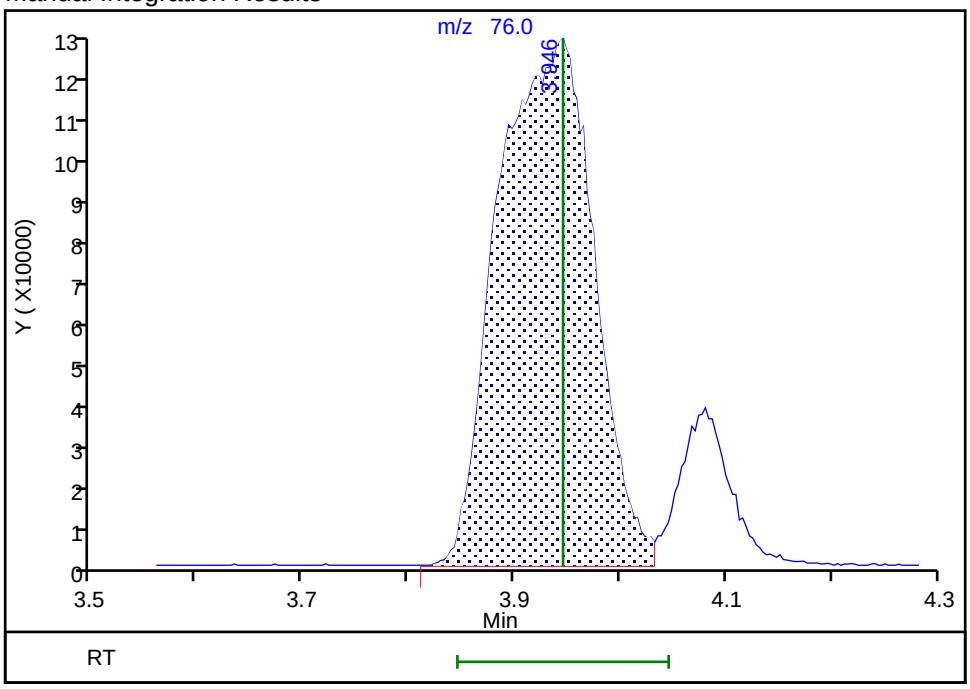
Processing Integration Results

RT: 3.95
Area: 780338
Amount: 46.968859
Amount Units: ug/l



Manual Integration Results

RT: 3.95
Area: 783896
Amount: 47.183016
Amount Units: ug/l



Reviewer: Z6YX, 08-Jul-2025 22:54:28 -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\23090\20250617-150677.b\UU17T03.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	17-Jun-2025 15:18:26	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	bfb				
Misc. Info.:	410-0150677-001, 0				
Operator ID:	jml01693	Instrument ID:	23090		
Method:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\MSV_8260_5mL_HP34.m				
Limit Group:	MSV - 8260C_D				
Last Update:	18-Jun-2025 11:35:58	Calib Date:	17-Jun-2025 21:03:02		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1701				
First Level Reviewer: UJML		Date:	17-Jun-2025 15:31:43		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 35 BFB	95	4.499	4.499	0.000	0	597114	NC	NC	

QC Flag Legend

Processing Flags

NC - Not Calibrated

Reagents:

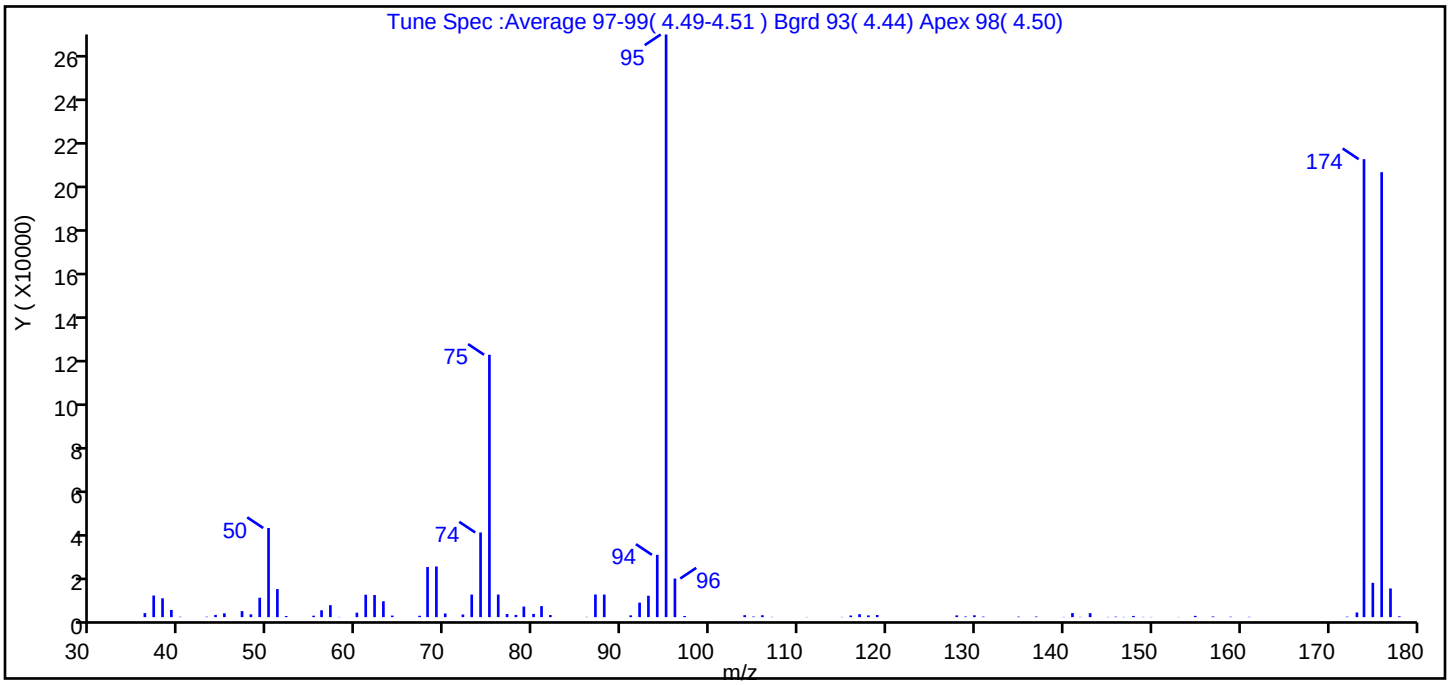
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17T03.D				
Injection Date:	17-Jun-2025 15:18:26	Instrument ID:	23090		
Lims ID:	bfb				
Client ID:					
Operator ID:	jml01693	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 35 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	15.3
75	30 to 60% of m/z 95	45.0
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.8 (1.0)
174	50 to 120% of m/z 95	78.6
175	5 to 9% of m/z 174	5.9 (7.5)
176	Greater than 95% but less than 101% of m/z 174	76.4 (97.2)
177	5 to 9% of m/z 176	4.9 (6.5)

Data File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17T03.D\MSV_8260_5mL_HP34.rslt\spec
Injection Date: 17-Jun-2025 15:18:26
Spectrum: Tune Spec :Average 97-99(4.49-4.51) Bgrd 93(4.44) Apex 98(4.50)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 86

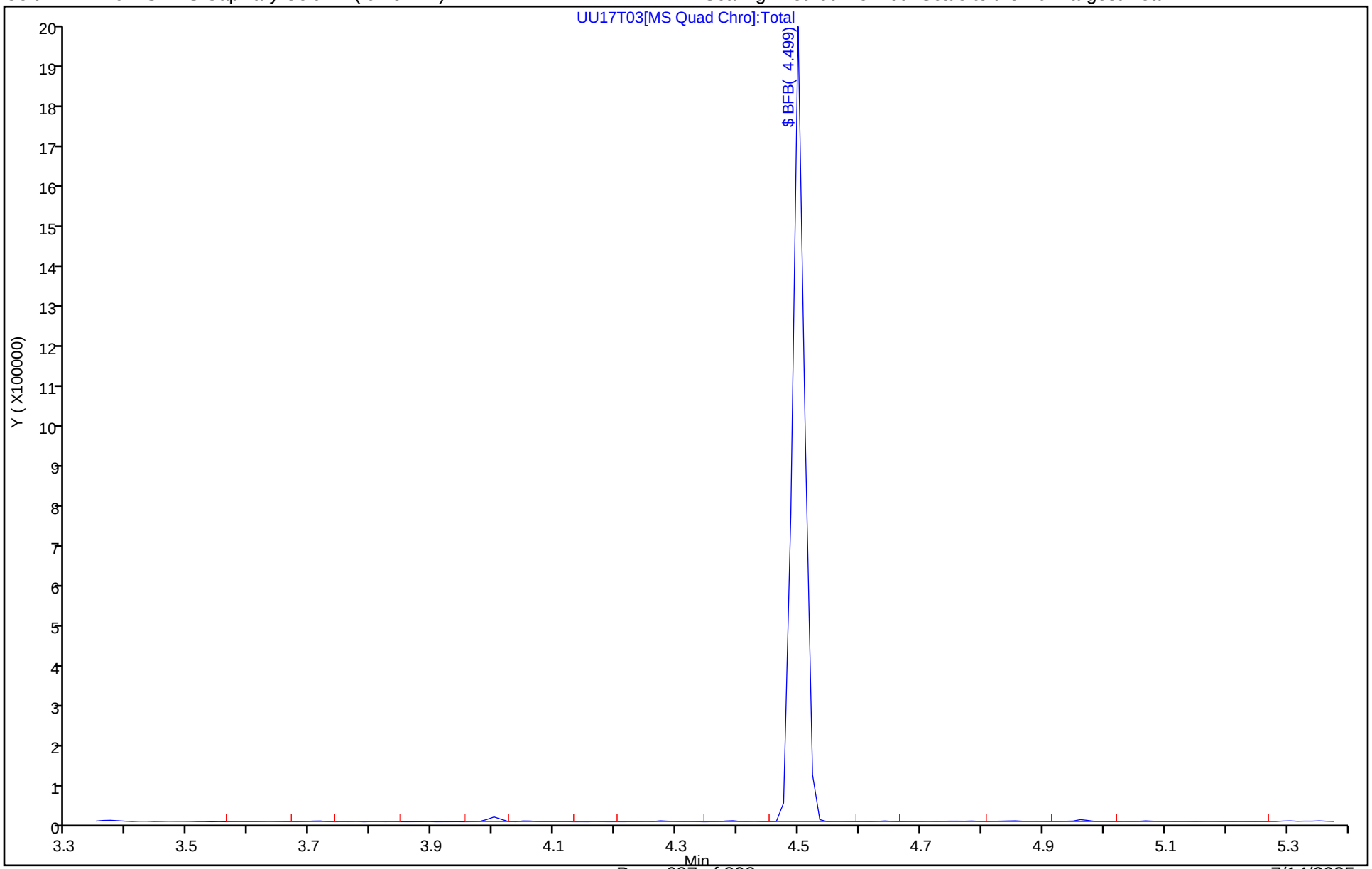
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1866	64.00	718	94.00	28784	142.00	127
37.00	9985	67.00	637	95.00	269184	143.00	1840
38.00	8711	68.00	23152	96.00	17840	145.00	109
39.00	3331	69.00	23416	97.00	521	146.00	240
40.00	171	70.00	1692	104.00	917	147.00	105
43.00	194	72.00	1229	105.00	269	148.00	561
44.00	1011	73.00	10426	106.00	886	149.00	121
45.00	1781	74.00	39112	107.00	119	150.00	98
47.00	2782	75.00	121216	111.00	89	153.00	94
48.00	1308	76.00	10444	115.00	101	155.00	590
49.00	8974	77.00	1435	116.00	751	157.00	320
50.00	41184	78.00	1024	117.00	1371	159.00	196
51.00	12963	79.00	4885	118.00	810	161.00	157
52.00	520	80.00	1492	119.00	979	172.00	232
55.00	672	81.00	5112	128.00	817	173.00	2154
56.00	3175	82.00	968	129.00	298	174.00	211584
57.00	5532	86.00	132	130.00	864	175.00	15845
58.00	112	87.00	10478	131.00	252	176.00	205568
60.00	2071	88.00	10437	135.00	254	177.00	13267
61.00	10350	91.00	826	137.00	287	178.00	369
62.00	10216	92.00	6717	140.00	109		
63.00	7348	93.00	9890	141.00	1862		

Report Date: 18-Jun-2025 11:36:00 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17T03.D				
Injection Date:	17-Jun-2025 15:18:26	Instrument ID:	23090	Operator ID:	jml01693
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09T31.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	09-Jul-2025 20:15:50	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	bfb				
Misc. Info.:	410-0152932-001				
Operator ID:	gaw91131	Instrument ID:	23090		
Method:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m				
Limit Group:	MSV - 8260C_D				
Last Update:	09-Jul-2025 23:35:58	Calib Date:	17-Jun-2025 21:03:02		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1606				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 29 BFB	95	4.487	4.487	0.000	0	333735	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

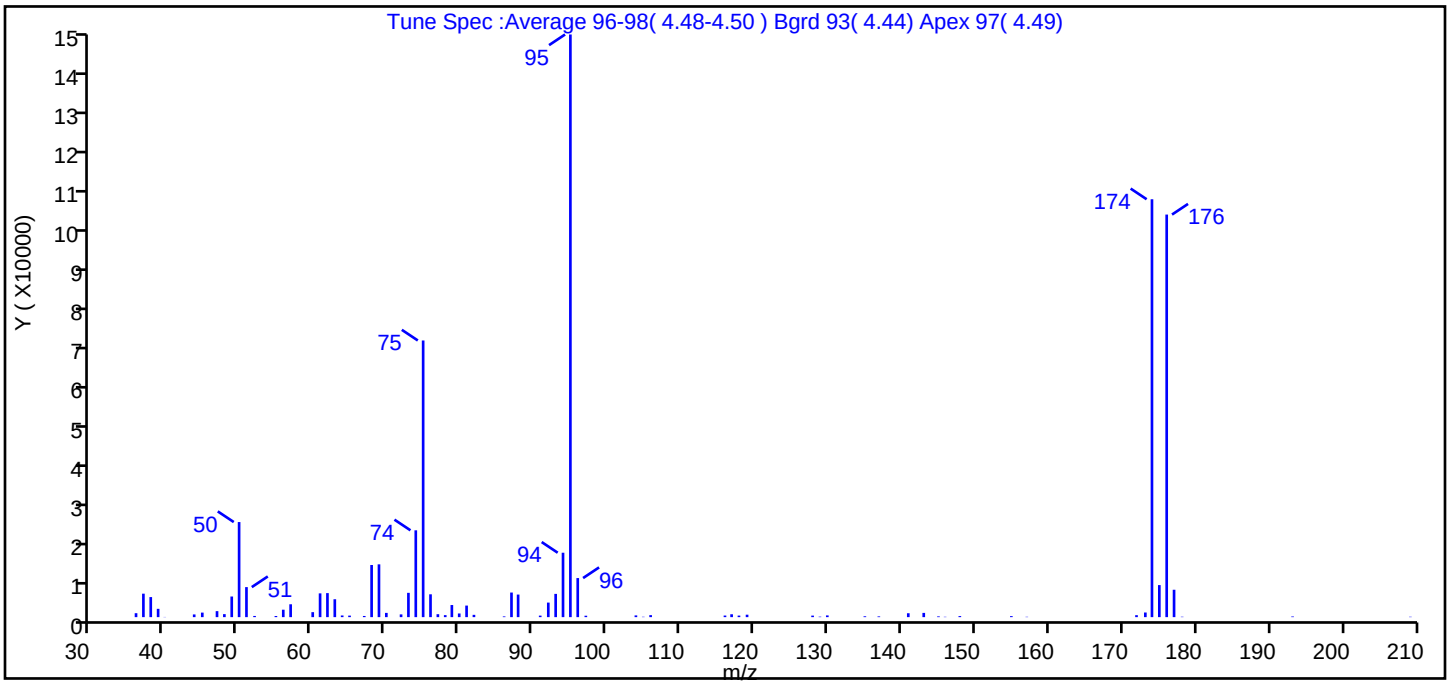
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09T31.D				
Injection Date:	09-Jul-2025 20:15:50	Instrument ID:	23090		
Lims ID:	bfb				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 29 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.3
75	30 to 60% of m/z 95	47.5
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.8 (1.1)
174	50 to 120% of m/z 95	71.7
175	5 to 9% of m/z 174	5.5 (7.7)
176	Greater than 95% but less than 101% of m/z 174	69.1 (96.3)
177	5 to 9% of m/z 176	4.7 (6.8)

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09T31.D\MSV_8260_5mL_HP34.rslt\spect
Injection Date: 09-Jul-2025 20:15:50
Spectrum: Tune Spec :Average 96-98(4.48-4.50) Bgrd 93(4.44) Apex 97(4.49)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 75

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	976	63.00	4423	87.00	6078	135.00	212
37.00	5799	64.00	412	88.00	5578	137.00	183
38.00	4956	65.00	381	91.00	376	141.00	963
39.00	2054	67.00	288	92.00	3595	143.00	1048
40.00	46	68.00	12880	93.00	5746	145.00	186
44.00	670	69.00	13042	94.00	15915	146.00	86
45.00	1122	70.00	1050	95.00	143936	148.00	260
47.00	1484	72.00	680	96.00	9654	155.00	248
48.00	744	73.00	6004	97.00	352	157.00	86
49.00	5097	74.00	21448	104.00	430	172.00	487
50.00	23488	75.00	68344	105.00	91	173.00	1146
51.00	7420	76.00	5643	106.00	495	174.00	103232
52.00	294	77.00	726	116.00	395	175.00	7918
55.00	280	78.00	494	117.00	713	176.00	99448
56.00	1838	79.00	2992	118.00	386	177.00	6767
57.00	3179	80.00	905	119.00	605	178.00	101
60.00	1231	81.00	2858	128.00	379	193.00	161
61.00	5872	82.00	570	129.00	118	209.00	94
62.00	5936	86.00	178	130.00	424		

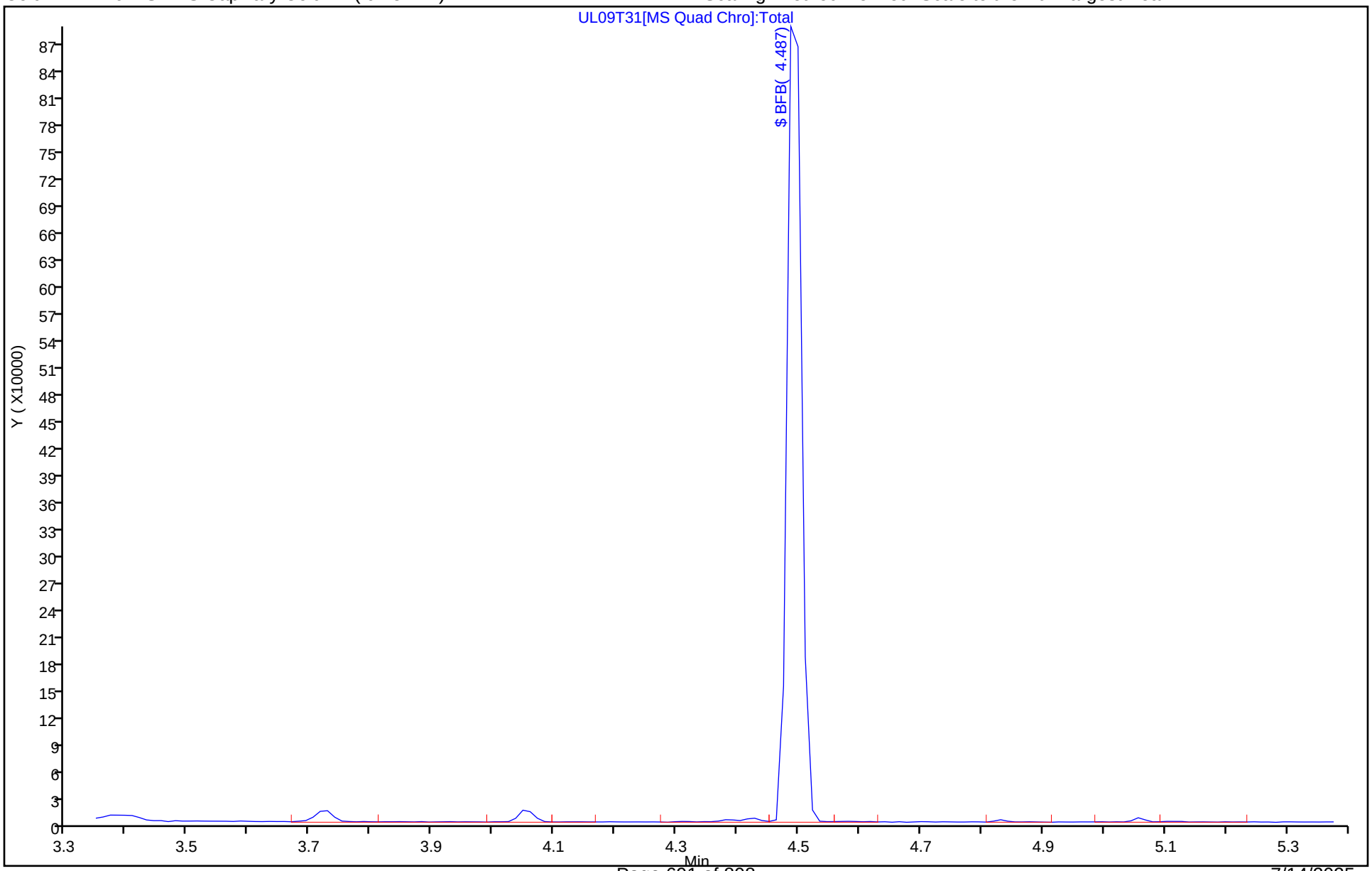
Report Date: 09-Jul-2025 23:35:58 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09T31.D

Injection Date:	09-Jul-2025 20:15:50	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10T31.D				
Lims ID:	bfb				
Client ID:					
Sample Type:	BFB				
Inject. Date:	10-Jul-2025 20:30:21	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	bfb				
Misc. Info.:	410-0153094-001				
Operator ID:	gaw91131	Instrument ID:	23090		
Method:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m				
Limit Group:	MSV - 8260C_D				
Last Update:	10-Jul-2025 23:38:49	Calib Date:	17-Jun-2025 21:03:02		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1701				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 29 BFB	95	4.487	4.487	0.000	0	337438	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

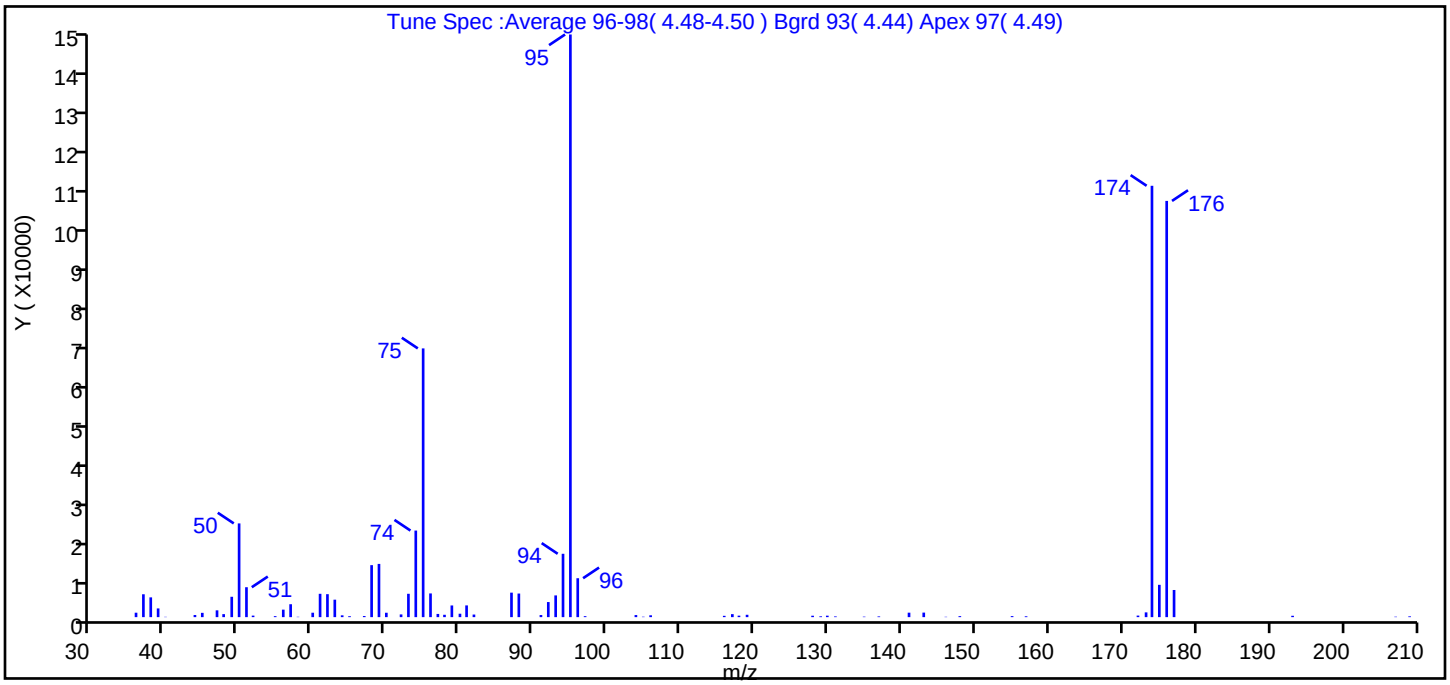
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10T31.D
Injection Date: 10-Jul-2025 20:30:21 Instrument ID: 23090
Lims ID: bfb
Client ID:
Operator ID: gaw91131 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

$ 29 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.1
75	30 to 60% of m/z 95	46.1
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.8 (1.1)
174	50 to 120% of m/z 95	74.0
175	5 to 9% of m/z 174	5.5 (7.5)
176	Greater than 95% but less than 101% of m/z 174	71.4 (96.5)
177	5 to 9% of m/z 176	4.7 (6.5)

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10T31.D\MSV_8260_5mL_HP34.rslt\spect
Injection Date: 10-Jul-2025 20:30:21
Spectrum: Tune Spec :Average 96-98(4.48-4.50) Bgrd 93(4.44) Apex 97(4.49)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 75

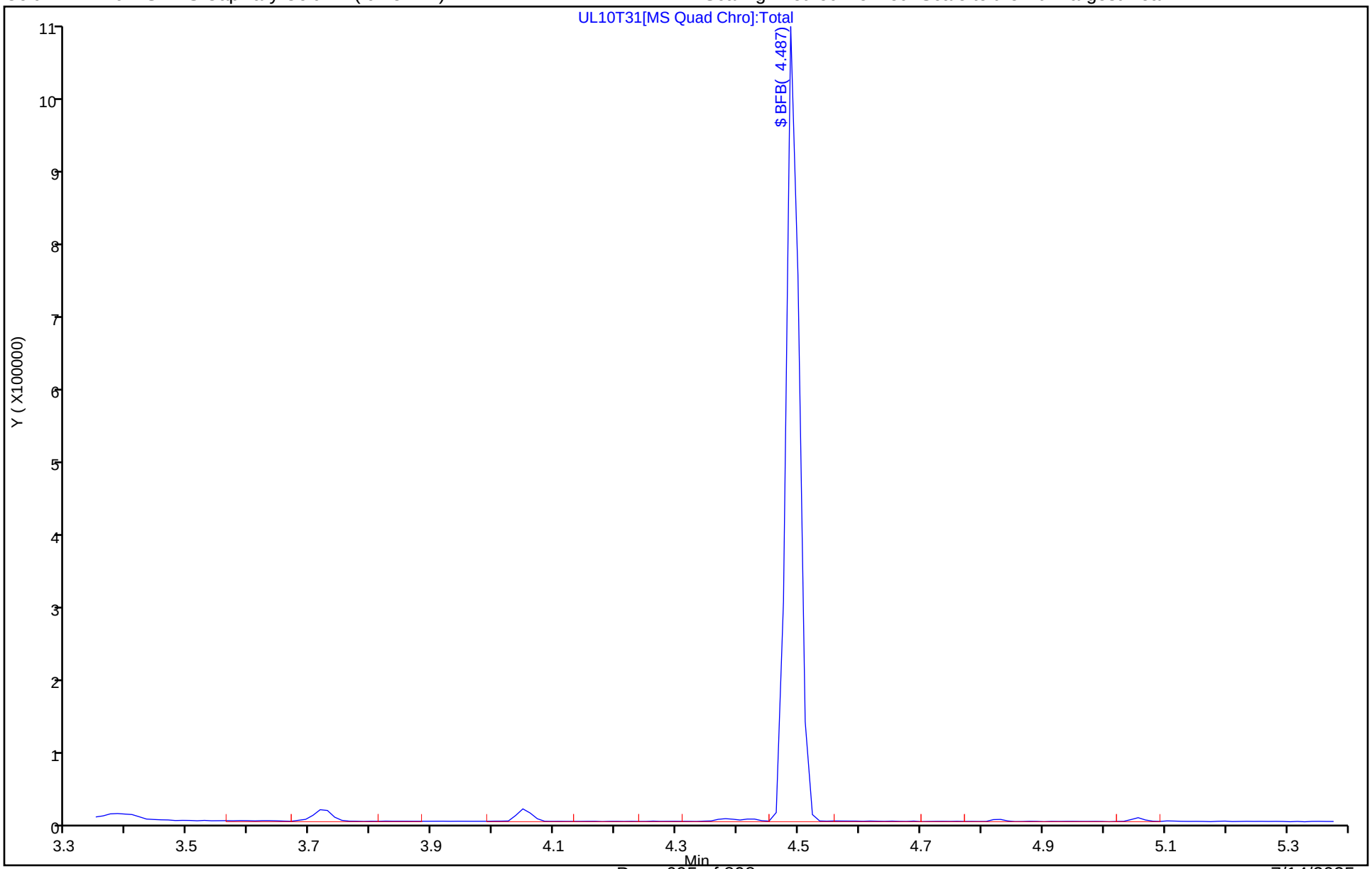
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1131	62.00	5856	87.00	6245	131.00	184
37.00	5832	63.00	4453	88.00	6016	135.00	125
38.00	5041	64.00	462	91.00	536	137.00	185
39.00	2223	65.00	236	92.00	3847	141.00	1139
40.00	80	67.00	280	93.00	5541	143.00	1158
44.00	542	68.00	13255	94.00	16154	146.00	88
45.00	1096	69.00	13571	95.00	148544	148.00	253
47.00	1736	70.00	1121	96.00	9923	155.00	260
48.00	768	72.00	695	97.00	247	157.00	217
49.00	5191	73.00	5956	104.00	529	172.00	398
50.00	23896	74.00	22072	105.00	109	173.00	1218
51.00	7629	75.00	68512	106.00	471	174.00	109968
52.00	390	76.00	6044	116.00	336	175.00	8239
55.00	252	77.00	819	117.00	766	176.00	106112
56.00	1911	78.00	602	118.00	380	177.00	6923
57.00	3294	79.00	2979	119.00	602	193.00	347
58.00	90	80.00	873	128.00	361	207.00	113
60.00	1130	81.00	2993	129.00	209	209.00	201
61.00	5951	82.00	664	130.00	373		

Report Date: 10-Jul-2025 23:38:49 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10T31.D				
Injection Date:	10-Jul-2025 20:30:21	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 23-Jun-2025 14:51:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0151197-001
Misc. Info.: bfb
Operator ID: knk41612 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 23-Jun-2025 22:26:49 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1675

First Level Reviewer: DVW2 Date: 23-Jun-2025 15:06:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 31 BFB	95	4.115	4.115	0.000	0	172946	NC	NC	a

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

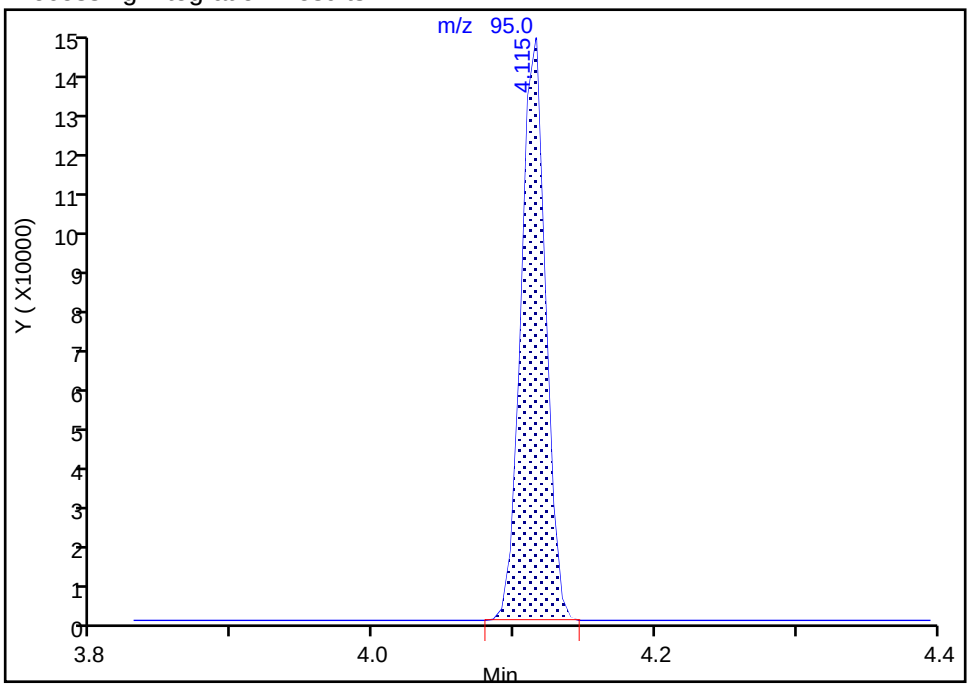
Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23T01.D				
Injection Date:	23-Jun-2025 14:51:30	Instrument ID:	9137		
Lims ID:	bfb				
Client ID:					
Operator ID:	knk41612	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

$ 31 BFB, CAS: 460-00-4

Signal: 1

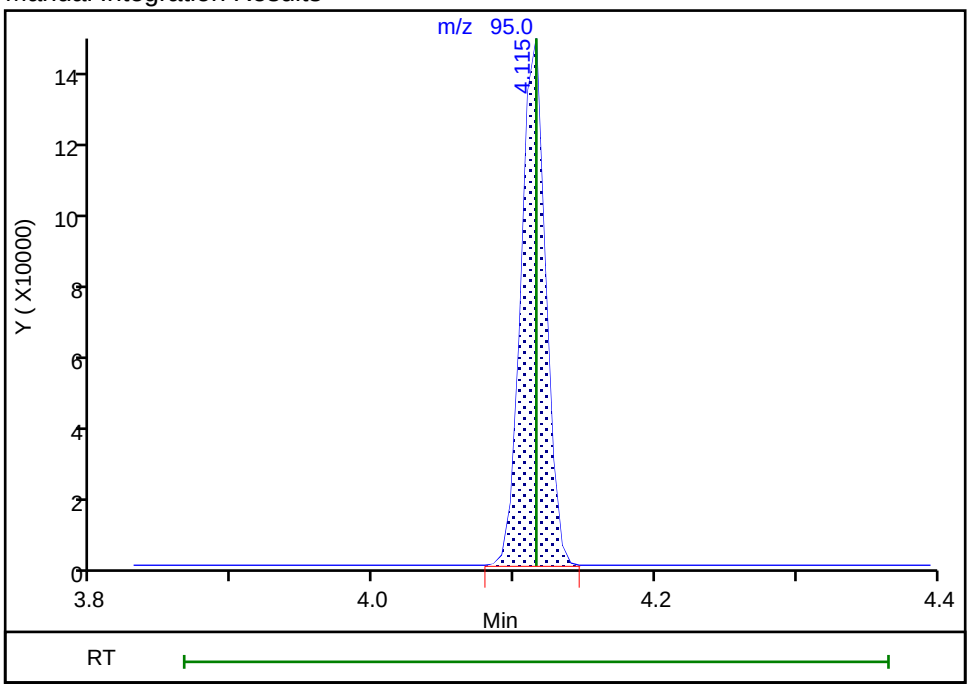
Processing Integration Results

RT: 4.12
Area: 172946
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.12
Area: 172946
Amount: 0
Amount Units: ug/l



Reviewer: DVW2, 23-Jun-2025 15:05:58 -04:00:00 (UTC)

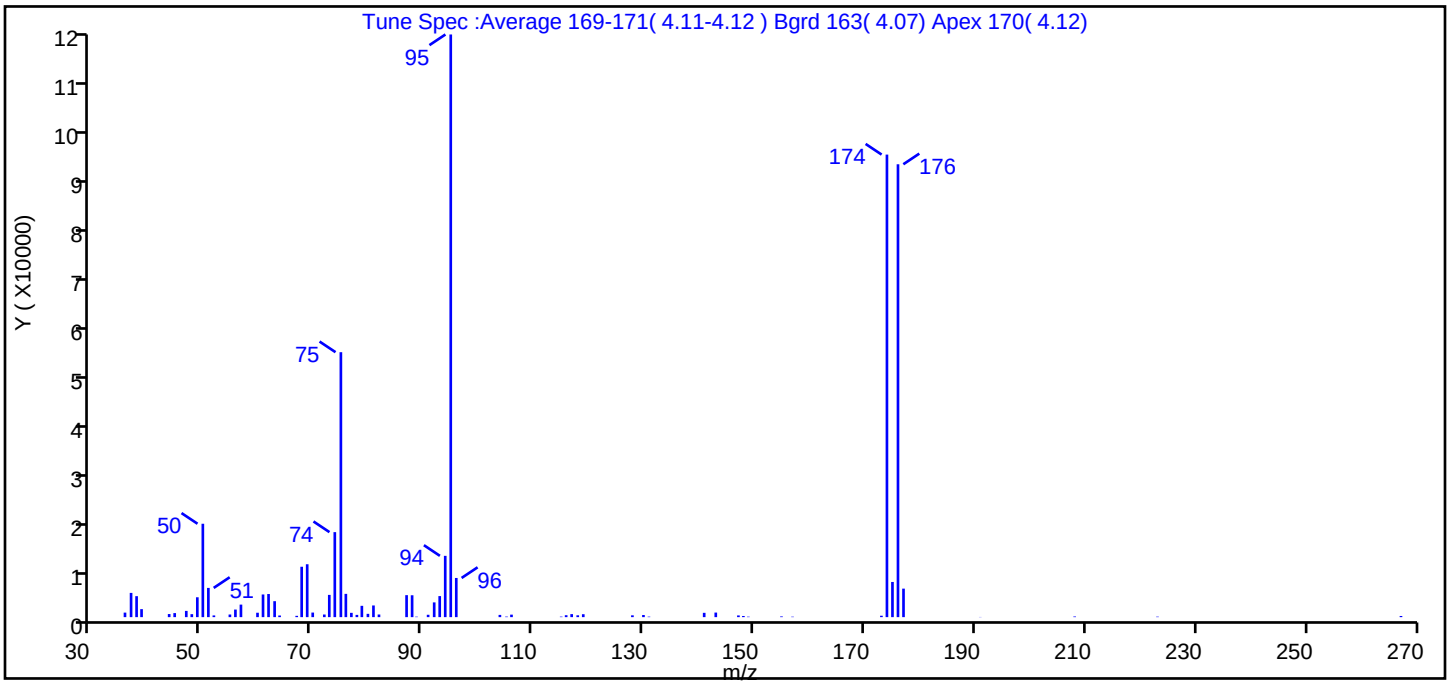
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23T01.D				
Injection Date:	23-Jun-2025 14:51:30	Instrument ID:	9137		
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_9137	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 31 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.0
75	30 to 60% of m/z 95	45.5
96	5 to 9% of m/z 95	6.7
173	Less than 2% of m/z 174	0.2 (0.3)
174	50 to 120% of m/z 95	79.4
175	5 to 9% of m/z 174	6.0 (7.6)
176	Greater than 95% but less than 101% of m/z 174	77.7 (97.9)
177	5 to 9% of m/z 176	4.9 (6.3)

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23T01.D\MSVoa_9137.rslt\spectra.d
Injection Date: 23-Jun-2025 14:51:30
Spectrum: Tune Spec :Average 169-171(4.11-4.12) Bgrd 163(4.07) Apex 170(4.12)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 71

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	926	63.00	3258	88.00	4467	131.00	101
37.00	4950	64.00	334	89.00	97	141.00	881
38.00	4284	67.00	267	91.00	484	143.00	934
39.00	1636	68.00	10290	92.00	3012	147.00	349
44.00	633	69.00	10803	93.00	4299	148.00	231
45.00	828	70.00	936	94.00	12517	149.00	96
47.00	1275	72.00	538	95.00	118984	155.00	146
48.00	610	73.00	4544	96.00	8000	157.00	91
49.00	4058	74.00	17360	104.00	458	173.00	288
50.00	19072	75.00	54104	105.00	113	174.00	94456
51.00	5969	76.00	4754	106.00	512	175.00	7183
52.00	350	77.00	879	115.00	104	176.00	92480
55.00	537	78.00	460	116.00	394	177.00	5822
56.00	1550	79.00	2311	117.00	618	191.00	36
57.00	2560	80.00	676	118.00	376	208.00	132
60.00	900	81.00	2385	119.00	598	223.00	98
61.00	4630	82.00	539	128.00	371	267.00	236
62.00	4721	87.00	4491	130.00	434		

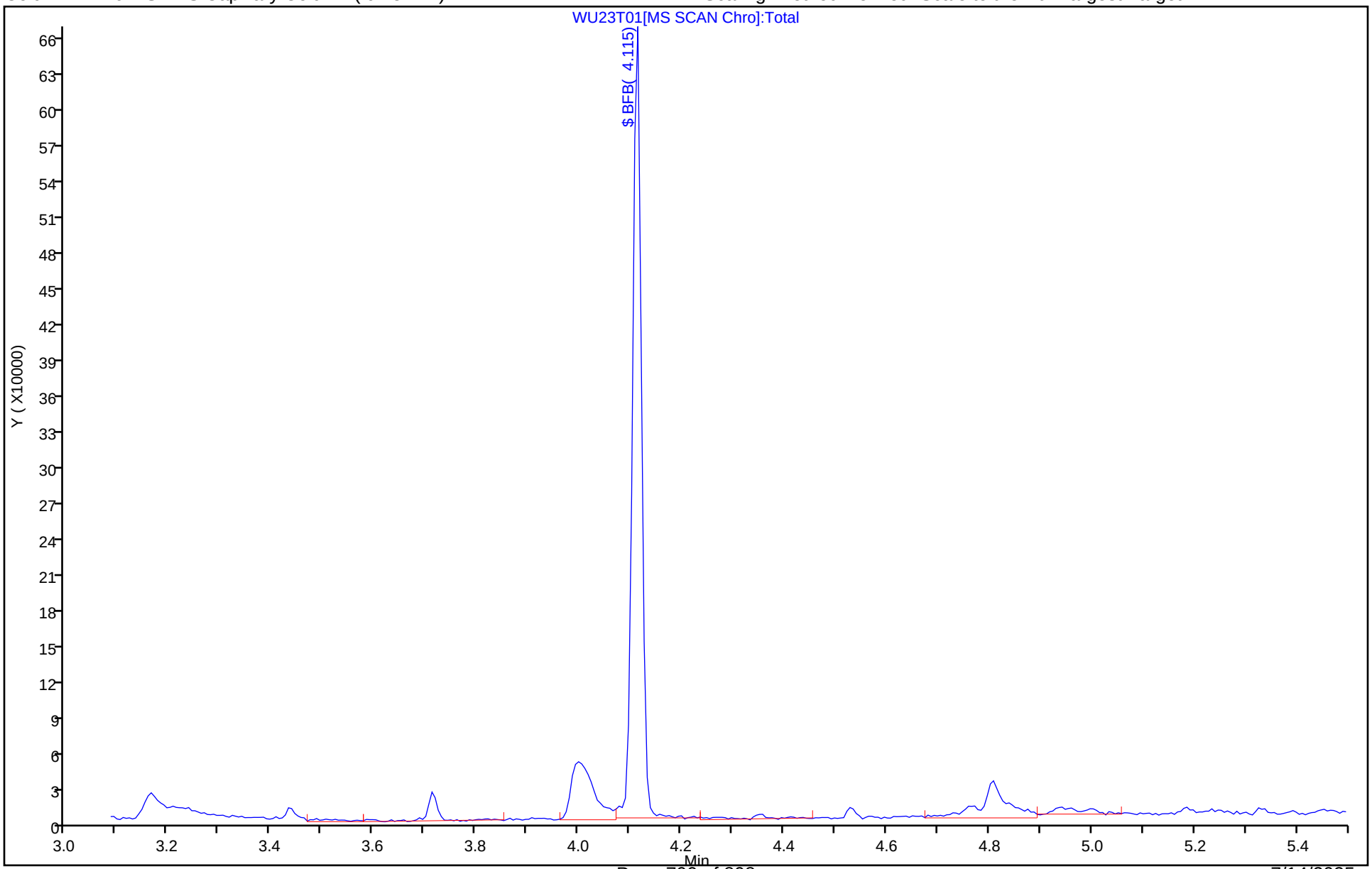
Report Date: 23-Jun-2025 22:26:49 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23T01.D

Injection Date:	23-Jun-2025 14:51:30	Instrument ID:	9137	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_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08T34.D
Lims ID: BFB
Client ID:
Sample Type: BFB
Inject. Date: 08-Jul-2025 21:37:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0152802-001
Misc. Info.: BFB
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:53:15 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 08-Jul-2025 21:59:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 31 BFB	95	4.103	4.103	0.000	0	353478	NC	NC	a

QC Flag Legend

Processing Flags
NC - Not Calibrated
Review Flags
a - User Assigned ID

Reagents:

MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

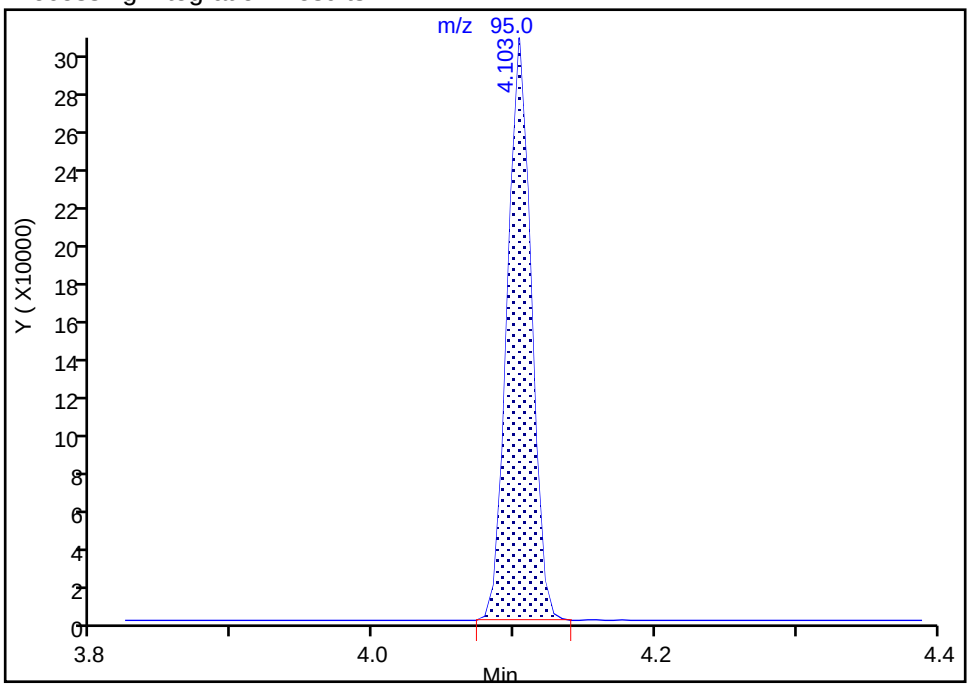
Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08T34.D				
Injection Date:	08-Jul-2025 21:37:30	Instrument ID:	9137		
Lims ID:	BFB				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

$ 31 BFB, CAS: 460-00-4

Signal: 1

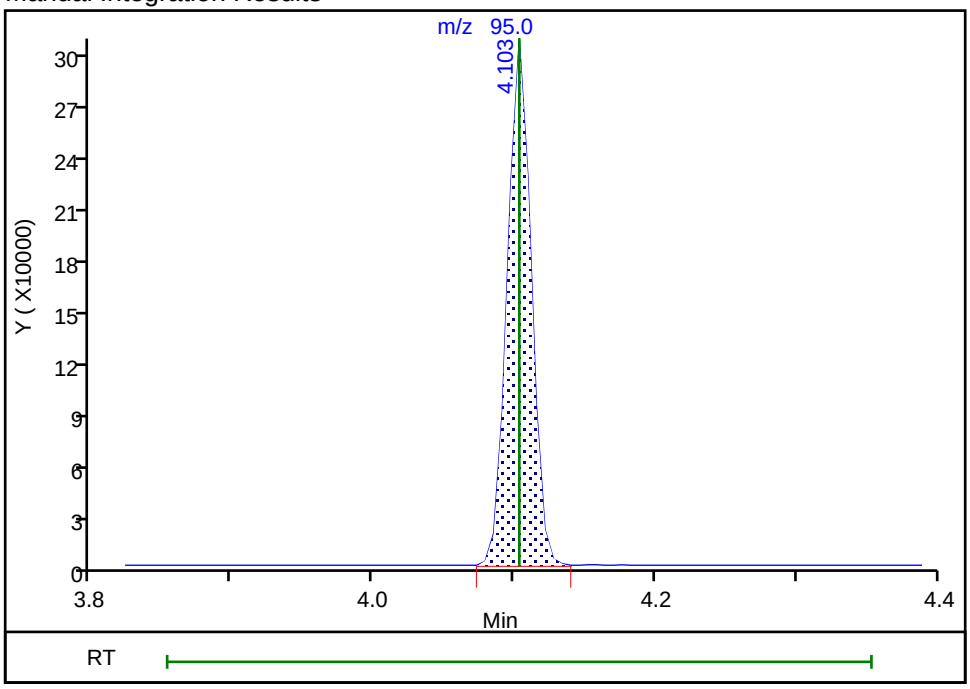
Processing Integration Results

RT: 4.10
Area: 353478
Amount: 0
Amount Units: ug/l



Manual Integration Results

RT: 4.10
Area: 353478
Amount: 0
Amount Units: ug/l



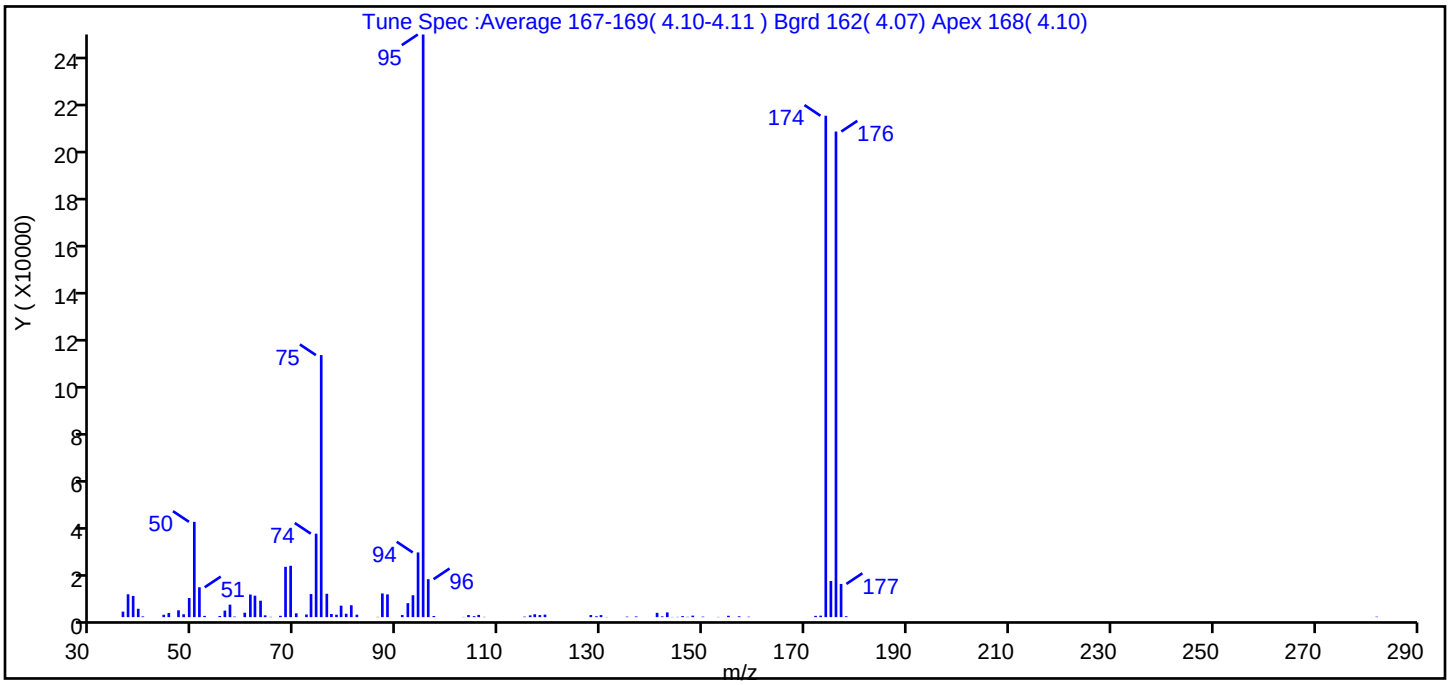
Reviewer: Z6YX, 08-Jul-2025 21:59:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08T34.D				
Injection Date:	08-Jul-2025 21:37:30	Instrument ID:	9137		
Lims ID:	BFB				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 31 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.4
75	30 to 60% of m/z 95	45.0
96	5 to 9% of m/z 95	6.5
173	Less than 2% of m/z 174	0.3 (0.3)
174	50 to 120% of m/z 95	86.1
175	5 to 9% of m/z 174	6.2 (7.2)
176	Greater than 95% but less than 101% of m/z 174	83.3 (96.8)
177	5 to 9% of m/z 176	5.7 (6.8)

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08T34.D\MSVoa_9137.rslt\spectra.d
Injection Date: 08-Jul-2025 21:37:30
Spectrum: Tune Spec :Average 167-169(4.10-4.11) Bgrd 162(4.07) Apex 168(4.10)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 86

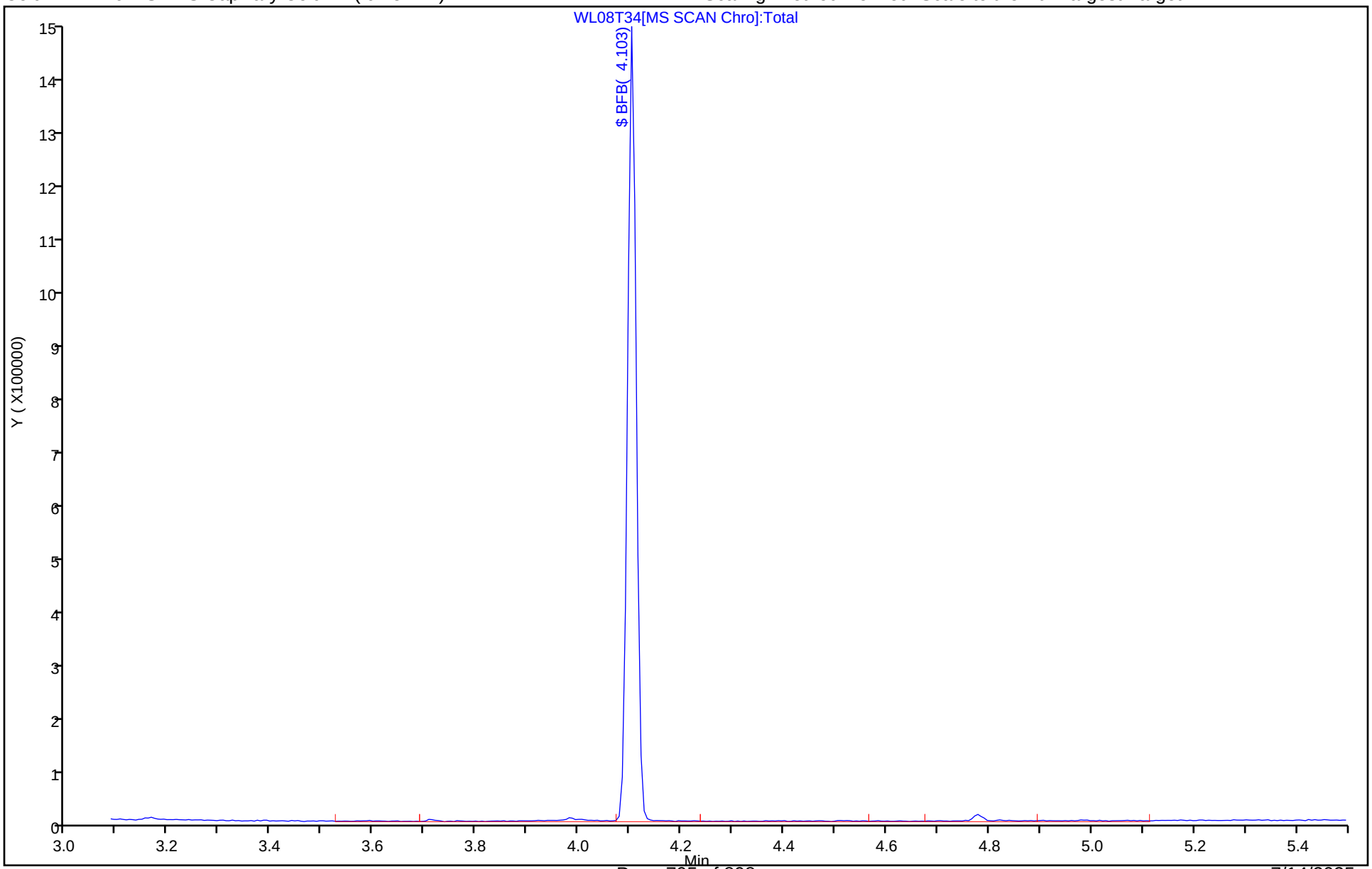
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2352	65.00	131	94.00	27520	143.00	2017
37.00	9726	67.00	570	95.00	247808	144.00	83
38.00	9024	68.00	21416	96.00	16152	145.00	114
39.00	3563	69.00	21840	97.00	491	146.00	435
40.00	318	70.00	1635	103.00	86	147.00	129
44.00	1008	72.00	1124	104.00	892	148.00	638
45.00	1735	73.00	9822	105.00	422	150.00	220
47.00	2914	74.00	35496	106.00	960	153.00	90
48.00	1224	75.00	111448	107.00	103	155.00	585
49.00	8134	76.00	9949	115.00	211	157.00	367
50.00	40528	77.00	1341	116.00	763	159.00	182
51.00	12707	78.00	1037	117.00	1231	172.00	542
52.00	534	79.00	4882	118.00	890	173.00	628
55.00	491	80.00	1453	119.00	1087	174.00	213248
56.00	2779	81.00	5052	128.00	888	175.00	15396
57.00	5313	82.00	1045	129.00	368	176.00	206528
58.00	239	86.00	110	130.00	864	177.00	14126
60.00	1891	87.00	10076	131.00	84	178.00	391
61.00	9620	88.00	9672	135.00	225	281.00	20
62.00	9132	91.00	890	137.00	296	282.00	195
63.00	6992	92.00	5952	141.00	1839		
64.00	763	93.00	9312	142.00	321		

Report Date: 09-Jul-2025 02:53:16 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08T34.D				
Injection Date:	08-Jul-2025 21:37:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-668460/7

Matrix: Water
Lab File ID: WL08X39.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 23:52

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-668460/7

Matrix: Water
Lab File ID: WL08X39.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 23:52

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

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)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		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\9137\20250708-152802.b\WL08X39.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 08-Jul-2025 23:52:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-007
Misc. Info.: MB
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:52:19 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 09-Jul-2025 02:51:47

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
A 1 C4-C10	1		(0.000-0.100)					ND	
A 2 C4-C12	1		(0.000-0.250)					ND	
4 Chlorotrifluoroethene	116		1.950					ND	
5 Dichlorodifluoromethane	85		1.969					ND	
6 Chlorodifluoromethane	51		2.001					ND	
7 Chloromethane	50		2.175					ND	7
8 Butadiene	39		2.293					ND	7
9 Vinyl chloride	62		2.293					ND	
10 2-Chloro-1,1,1-Trifluoroethane	118		2.387					ND	
11 Bromomethane	94		2.649					ND	
13 Chloroethane	64		2.720					ND	
14 Dichlorofluoromethane	67		2.986					ND	
15 Trichlorofluoromethane	101		3.047					ND	
16 Pentane	43		3.057					ND	
17 Ethanol	45		3.256					ND	
18 Ethyl ether	59		3.279					ND	
19 1,2-Dichloro-1,1,2-trifluoroetha	67		3.384					ND	
20 Acrolein	56		3.455					ND	
21 1,1-Dichloroethene	96		3.606					ND	
22 Acetone	58		3.628					ND	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.635					ND	
24 Dimethyl Sulfide	62		3.763					ND	
25 Isopropyl alcohol	45		3.785					ND	
26 Iodomethane	142		3.808					ND	
27 Carbon disulfide	76		3.946					ND	7
29 Acetonitrile	41		4.045					ND	
28 Methyl acetate	43		4.052					ND	
30 3-Chloro-1-propene	41		4.077					ND	
* 35 t-Butyl alcohol-d10 (IS)	65	4.353	4.273	0.080	1	225167	250.0	250.0	
34 Methylene Chloride	84		4.280					ND	
36 2-Methyl-2-propanol	59		4.446					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
37 Acrylonitrile	53		4.623					ND	
39 Methyl tert-butyl ether	73		4.674					ND	
38 trans-1,2-Dichloroethene	96		4.690					ND	
40 Hexane	57		5.120					ND	
41 1,1-Dichloroethane	63		5.361					ND	
43 Isopropyl ether	45		5.422					ND	
42 Vinyl acetate	43		5.422					ND	
44 2-Chloro-1,3-butadiene	53		5.470					ND	
45 Tert-butyl ethyl ether	59		5.967					ND	
S 46 1,2-Dichloroethene, Total	100		6.155					ND	7
47 2-Butanone (MEK)	43		6.163					ND	
48 cis-1,2-Dichloroethene	96		6.202					ND	
49 2,2-Dichloropropane	77		6.218					ND	
50 Ethyl acetate	43		6.228					ND	
51 Propionitrile	54		6.263					ND	
52 Methyl acrylate	55		6.298					ND	
A 53 C6-C10	1	6.394	(2.952-9.836)		0	2115605		NC	
54 Methacrylonitrile	67		6.478					ND	
55 Chlorobromomethane	128		6.532					ND	
56 Tetrahydrofuran	71		6.551					ND	
57 Chloroform	83		6.689					ND	
$ 58 Dibromofluoromethane (Surr)	113	6.901	6.904	-0.003	93	190190	50.0	50.6	
59 1,1,1-Trichloroethane	97		6.920					ND	
60 Cyclohexane	56		7.010					ND	
61 1,1-Dichloropropene	75		7.123					ND	
62 Carbon tetrachloride	117		7.126					ND	
A 63 C5-C12	1	7.153	(2.686-11.621)		0	2307021		NC	
65 Isobutyl alcohol	41		7.286					ND	
A 64 C6-C12	1	7.286	(2.952-11.621)		0	2290669		NC	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.360	7.357	0.003	55	48626	50.0	51.0	
67 Benzene	78		7.395					ND	
68 1,2-Dichloroethane	62		7.466					ND	
69 Isopropyl acetate	43		7.476					ND	
70 t-Amyl alcohol	73		7.511					ND	
71 Tert-amyl methyl ether	73		7.582					ND	
* 74 Fluorobenzene (IS)	96	7.797	7.797	0.000	99	797277	50.0	50.0	
75 n-Heptane	43		7.813					ND	
76 n-Butanol	56		8.169					ND	
77 Trichloroethene	95		8.278					ND	
78 Ethyl acrylate	55		8.390					ND	
79 Methylcyclohexane	83		8.583					ND	
80 1,2-Dichloropropane	63		8.618					ND	
81 2-ethoxy-2-methyl butane	87		8.621					ND	
82 Methyl methacrylate	69		8.695					ND	
83 1,4-Dioxane	88		8.711					ND	
84 Dibromomethane	93		8.730					ND	
85 n-Propyl acetate	61		8.779					ND	
86 Dichlorobromomethane	83		8.965					ND	
87 2-Nitropropane	41		9.241					ND	
88 2-Chloroethyl vinyl ether	63		9.324					ND	
90 2,3,4-Trichlorobutene	109		9.417					ND	
92 cis-1,3-Dichloropropene	75		9.510					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
93 4-Methyl-2-pentanone (MIBK)	43		9.680					ND	7
$ 95 Toluene-d8 (Surr)	98	9.812	9.809	0.004	93	757038	50.0	49.1	
98 Toluene	92		9.886					ND	
S 121 1,3-Dichloropropene, Total	100		10.060					ND	7
125 trans-1,3-Dichloropropene	75		10.145					ND	7
126 Ethyl methacrylate	69		10.203					ND	
129 1,1,2-Trichloroethane	97		10.348					ND	
130 Tetrachloroethene	166		10.431					ND	U
131 1,3-Dichloropropane	76		10.511					ND	
133 3,4-Dichloro-1-butene	75		10.550					ND	7
134 2-Hexanone	43		10.559					ND	
135 n-Butyl acetate	43		10.672					ND	
136 Chlorodibromomethane	129		10.723					ND	
137 Ethylene Dibromide	107		10.832					ND	
S 138 Xylenes, Total	106		11.245					ND	7
* 139 Chlorobenzene-d5 (IS)	117	11.262	11.259	0.003	84	577837	50.0	50.0	
140 1-Chlorohexane	91		11.269					ND	U
141 Chlorobenzene	112		11.288					ND	
142 1,1,1,2-Tetrachloroethane	131		11.368					ND	
143 Ethylbenzene	91		11.371					ND	7
144 m-Xylene & p-Xylene	106		11.487					ND	
145 n-Butyl acrylate	55		11.763					ND	
146 o-Xylene	106		11.817					ND	
147 Styrene	104		11.830					ND	
148 Bromoform	173		11.987					ND	
149 Isopropylbenzene	105		12.116					ND	
150 cis-1,4-Dichloro-2-butene	88		12.167					ND	U
151 Cyclohexanone	55		12.199					ND	7
$ 152 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	91	274297	50.0	47.4	
153 1,1,2,2-Tetrachloroethane	83		12.363					ND	
154 Bromobenzene	156		12.376					ND	
155 trans-1,4-Dichloro-2-butene	53		12.385					ND	
156 1,2,3-Trichloropropane	110		12.408					ND	
157 N-Propylbenzene	91		12.443					ND	
158 2-Chlorotoluene	126		12.520					ND	
159 1,3,5-Trimethylbenzene	105		12.578					ND	
160 4-Chlorotoluene	126		12.613					ND	
161 tert-Butylbenzene	134		12.822					ND	
162 Pentachloroethane	167		12.857					ND	
163 1,2,4-Trimethylbenzene	105		12.863					ND	
164 sec-Butylbenzene	105		12.985					ND	
165 1,3-Dichlorobenzene	146		13.085					ND	7
166 4-Isopropyltoluene	119		13.091					ND	
* 167 1,4-Dichlorobenzene-d4	152	13.139	13.139	0.000	94	337057	50.0	50.0	
168 1,4-Dichlorobenzene	146		13.155					ND	7
169 1,2,3-Trimethylbenzene	105		13.165					ND	
171 Benzyl chloride	91		13.232					ND	7
172 1,3-Diethylbenzene	119		13.290					ND	
173 p-Diethylbenzene	119		13.364					ND	7
174 n-Butylbenzene	92		13.383					ND	
175 1,2-Dichlorobenzene	146		13.419					ND	
176 o-diethylbenzene	119		13.438					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
177 Hexachloroethane	201		13.560					ND	
178 1,2-Dibromo-3-Chloropropane	75		13.961					ND	
179 1,3,5-Trichlorobenzene	180		14.083					ND	7
180 1,2,4-Trichlorobenzene	180		14.510					ND	
181 2-Ethylhexyl acrylate	55		14.564					ND	
182 Hexachlorobutadiene	225		14.590					ND	
183 Naphthalene	128		14.692					ND	7
184 1,2,3-Trichlorobenzene	180		14.837					ND	7
185 2-Methylnaphthalene	142		15.472					ND	7
187 tert-Butyl Formate	1		0.000					ND	
188 Undecane	1		0.000					ND	
189 4-Ethyltoluene	1		0.000					ND	
190 1,4-Divinylbenzene	1		0.000					ND	
191 2-Methylhexane TIC	1		0.000					ND	
192 3-Methylpentane TIC	1		0.000					ND	
193 Diethoxymethane	1		0.000					ND	
194 Ethyl bromide	1		0.000					ND	
195 1,3-Divinylbenzene	1		0.000					ND	
196 Propene oxide	1		0.000					ND	
198 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
199 Dimethylformamide TIC	1		0.000					ND	
200 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
201 Cyclopentane TIC	1		0.000					ND	
202 sec-Butyl Alcohol	45		0.000					ND	
203 3-Methylhexane TIC	1		0.000					ND	
204 n-Octane	1		0.000					ND	
206 3-Pentanone TIC	1		0.000					ND	
$ 207 trans-1,2,3-Trichlorobutene-2 TI	1		0.000					ND	
208 2,3-Dimethylbutane TIC	1		0.000					ND	
209 2,2-Dimethylbutane TIC	1		0.000					ND	
210 Methylcyclopentane TIC	1		0.000					ND	
211 Dimethyl Sulfide TIC	1		0.000					ND	
212 2,2-Dimethylpropane TIC	1		0.000					ND	
213 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
214 3-Methyl-1-butene	1		0.000					ND	
215 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
216 Propanol	1		0.000					ND	
217 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
219 3-chloro-1-Butene	1		0.000					ND	
220 Chloroacetonitrile	1		0.000					ND	
221 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
222 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
223 n-Nonane	1		0.000					ND	
224 Gasoline (Unleaded)	1		0.000					ND	
225 1-Methylnaphthalene	142		0.000					ND	
226 sec-Butyl Alcohol TIC	1		0.000					ND	
227 1-Chlorobutane	1		0.000					ND	
228 Methylal	1		0.000					ND	
229 TAH TIC	1		0.000					ND	
230 Phosgene TIC	1		0.000					ND	
231 Carbonyl sulfide TIC	1		0.000					ND	
232 4-Hydroxy-4-methyl-2-pentanone T	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
233 bis(2-chloromethyl)ether TIC	1		0.000					ND	
234 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
S 235 Total BTEX	1		0.000					ND	
236 Isobutyl acetate	43		0.000					ND	
237 1-Bromo-2-chloroethane	1		0.000					ND	
S 238 Total Diethylbenzene	1		0.000					ND	7
S 239 divinyl benzene	1		0.000					ND	7
240 C7-C12	1		0.000					ND	
241 Methyl Isocyanate TIC	1		0.000					ND	
242 Styrene oxide TIC	1		0.000					ND	

QC Flag Legend

Processing Flags
- NC - Not Calibrated
- 7 - Failed Limit of Detection

Review Flags
- U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00036 Amount Added: 5.00 Units: uL Run Reagent

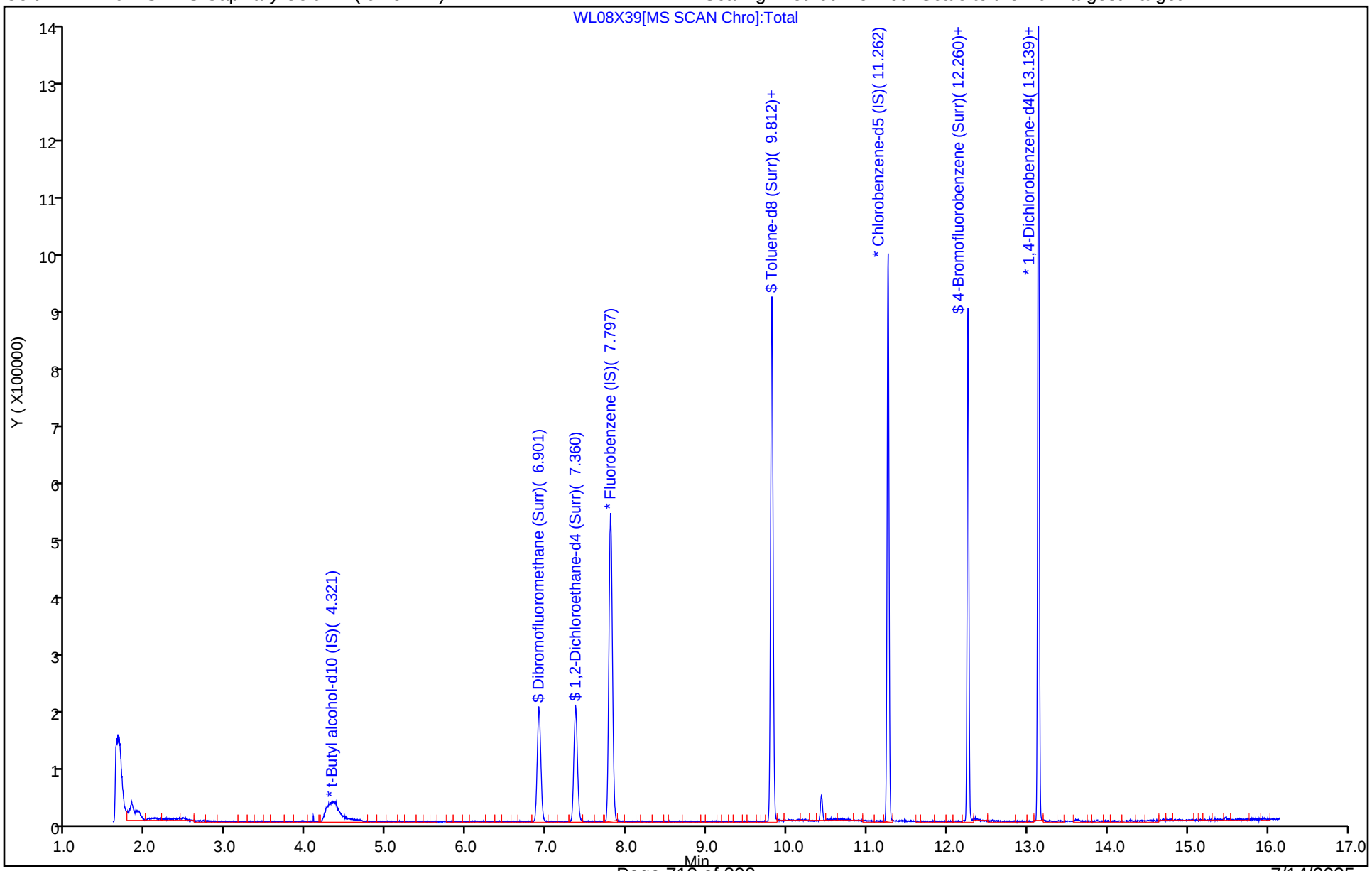
Report Date: 09-Jul-2025 02:53:12 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X39.D

Injection Date:	08-Jul-2025 23:52:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X39.D				
Lims ID:	MB				
Client ID:					
Sample Type:	MB				
Inject. Date:	08-Jul-2025 23:52:30	ALS Bottle#:	6	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Sample Info:	410-0152802-007				
Misc. Info.:	MB				
Operator ID:	AGD105956	Instrument ID:	9137		
Method:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m				
Limit Group:	MSV - 8260C_D				
Last Update:	09-Jul-2025 02:52:19	Calib Date:	23-Jun-2025 21:02:30		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1637				

First Level Reviewer: Z6YX Date: 09-Jul-2025 02:51:47

Compound	Amount Added	Amount Recovered	% Rec.
$ 58 Dibromofluoromethane (Surr)	50.0	50.6	101.24
$ 66 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	101.99
$ 95 Toluene-d8 (Surr)	50.0	49.1	98.29
$ 152 4-Bromofluorobenzene (Surr)	50.0	47.4	94.86

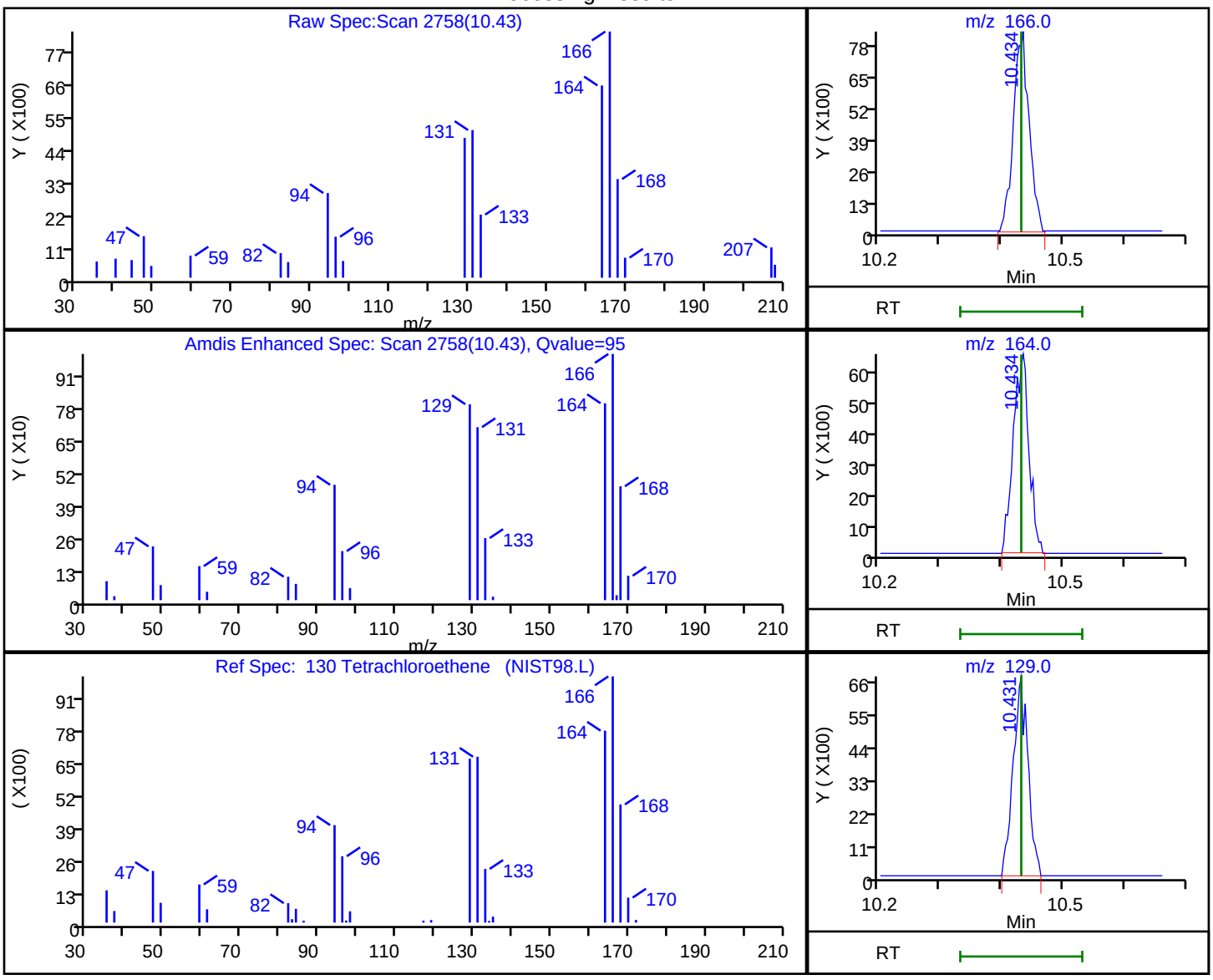
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X39.D
Injection Date: 08-Jul-2025 23:52:30 Instrument ID: 9137
Lims ID: MB
Client ID:
Operator ID: AGD105956 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9137 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

130 Tetrachloroethene, CAS: 127-18-4

Processing Results



RT	Mass	Response	Amount
10.43	166.00	14857	3.440912
10.43	164.00	11647	
10.43	129.00	11276	
10.43	131.00	10293	

Reviewer: Z6YX, 09-Jul-2025 02:51:27 -04:00:00 (UTC)
Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-669131/7

Matrix: Water
Lab File ID: UL09X36.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 22:16

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.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-669131/7

Matrix: Water
Lab File ID: UL09X36.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 22:16

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.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	99		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X36.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Jul-2025 22:16:31 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-007
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 23:34:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85		1.898					ND	
2 Chlorotrifluoroethene	116		2.009					ND	
3 Chlorodifluoromethane	51		2.014					ND	
4 Chloromethane	50		2.099					ND	
5 Butadiene	39		2.209					ND	
6 Vinyl chloride	62		2.215					ND	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.514					ND	
8 Bromomethane	94		2.575					ND	
9 Chloroethane	64		2.629					ND	
10 Dichlorofluoromethane	67		2.910					ND	
11 Pentane	43		2.946					ND	
12 Trichlorofluoromethane	101		2.971					ND	
13 Ethanol	45		3.117					ND	
14 Ethyl ether	59		3.160					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67		3.288					ND	
16 Acrolein	56		3.343					ND	
17 1,1-Dichloroethene	96		3.501					ND	
18 Acetone	58		3.513					ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.532					ND	
20 Iodomethane	142		3.708					ND	
21 Isopropyl alcohol	45		3.727					ND	
22 Carbon disulfide	76		3.788					ND	
23 Methyl acetate	43		3.934					ND	
24 Acetonitrile	41		3.952					ND	
25 3-Chloro-1-propene	41		3.952					ND	
26 Methylene Chloride	84		4.172					ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.209	4.202	0.007	31	334955	250.0	250.0	
28 2-Methyl-2-propanol	59		4.300					ND	
30 Acrylonitrile	53		4.507					ND	
31 trans-1,2-Dichloroethene	96		4.562					ND	
32 Methyl tert-butyl ether	73		4.568					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	57		5.001					ND	
34 1,1-Dichloroethane	63		5.251					ND	
35 Vinyl acetate	43		5.263					ND	
36 Isopropyl ether	45		5.318					ND	
37 2-Chloro-1,3-butadiene	53		5.354					ND	
38 Tert-butyl ethyl ether	59		5.860					ND	
39 2-Butanone (MEK)	43		6.080					ND	
40 cis-1,2-Dichloroethene	96		6.098					ND	
41 2,2-Dichloropropane	77		6.117					ND	
42 Ethyl acetate	43		6.147					ND	
S 43 1,2-Dichloroethene, Total	100		6.155					ND	7
44 Propionitrile	54		6.178					ND	
45 Methyl acrylate	55		6.196					ND	
46 Methacrylonitrile	67		6.397					ND	
47 Chlorobromomethane	128		6.434					ND	
48 Tetrahydrofuran	71		6.446					ND	
49 Chloroform	83		6.586					ND	
$ 50 Dibromofluoromethane (Surr)	113	6.806	6.805	0.001	93	230964	50.0	52.6	
51 1,1,1-Trichloroethane	97		6.812					ND	
52 Cyclohexane	56		6.903					ND	
53 Carbon tetrachloride	117		7.025					ND	
54 1,1-Dichloropropene	75		7.025					ND	
55 Isobutyl alcohol	41		7.208					ND	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	48	60241	50.0	52.1	
57 Benzene	78		7.293					ND	
58 1,2-Dichloroethane	62		7.372					ND	
59 Isopropyl acetate	43		7.397					ND	
60 Tert-amyl methyl ether	73		7.482					ND	
* 61 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	910191	50.0	50.0	
62 n-Heptane	43		7.714					ND	
63 t-Amyl alcohol	73		7.901					ND	
64 n-Butanol	56		8.086					ND	
65 Trichloroethene	95		8.177					ND	
66 Ethyl acrylate	55		8.299					ND	
67 Methylcyclohexane	83		8.482					ND	
68 1,2-Dichloropropane	63		8.525					ND	
69 2-ethoxy-2-methyl butane	87		8.525					ND	
71 1,4-Dioxane	88		8.604					ND	
70 Methyl methacrylate	69		8.610					ND	
72 Dibromomethane	93		8.628					ND	
73 n-Propyl acetate	61		8.689					ND	
74 Dichlorobromomethane	83		8.866					ND	
75 2-Nitropropane	41		9.153					ND	
76 2-Chloroethyl vinyl ether	63		9.238					ND	
77 cis-1,3-Dichloropropene	75		9.421					ND	
78 4-Methyl-2-pentanone (MIBK)	43		9.598					ND	
$ 79 Toluene-d8 (Surr)	98	9.726	9.726	0.000	93	832232	50.0	49.4	
80 Toluene	92		9.805					ND	
S 119 1,3-Dichloropropene, Total	100		10.060					ND	7
120 trans-1,3-Dichloropropene	75		10.067					ND	
121 Ethyl methacrylate	69		10.128					ND	
122 1,1,2-Trichloroethane	97		10.274					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Tetrachloroethene	166		10.354				ND		
124 1,3-Dichloropropane	76		10.439				ND		
125 3,4-Dichloro-1-butene	75		10.482				ND		
126 2-Hexanone	43		10.494				ND		
127 n-Butyl acetate	43		10.616				ND		
128 Chlorodibromomethane	129		10.652				ND		
129 Ethylene Dibromide	107		10.762				ND		
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	612068	50.0	50.0	
131 1-Chlorohexane	91		11.213				ND		U
132 Chlorobenzene	112		11.225				ND		
S 133 Xylenes, Total	106		11.245				ND		7
134 1,1,1,2-Tetrachloroethane	131		11.311				ND		
135 Ethylbenzene	91		11.317				ND		
136 m-Xylene & p-Xylene	106		11.433				ND		
137 n-Butyl acrylate	55		11.725				ND		
138 o-Xylene	106		11.768				ND		
139 Styrene	104		11.786				ND		
140 Bromoform	173		11.945				ND		
141 Isopropylbenzene	105		12.073				ND		
142 cis-1,4-Dichloro-2-butene	88		12.134				ND		U
143 Cyclohexanone	55		12.170				ND		
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	302605	50.0	50.0	
145 1,1,2,2-Tetrachloroethane	83		12.329				ND		
146 Bromobenzene	156		12.341				ND		
147 trans-1,4-Dichloro-2-butene	53		12.353				ND		
148 1,2,3-Trichloropropane	110		12.378				ND		
149 N-Propylbenzene	91		12.408				ND		
150 2-Chlorotoluene	126		12.487				ND		
151 1,3,5-Trimethylbenzene	105		12.548				ND		
152 4-Chlorotoluene	126		12.585				ND		
153 2,3,4-Trichlorobutene	109		12.615				ND		
154 tert-Butylbenzene	134		12.798				ND		
156 1,2,4-Trimethylbenzene	105		12.841				ND		
155 Pentachloroethane	167		12.841				ND		
157 sec-Butylbenzene	105		12.969				ND		
158 1,3-Dichlorobenzene	146		13.066				ND		
159 4-Isopropyltoluene	119		13.079				ND		
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	95	331031	50.0	50.0	
161 1,4-Dichlorobenzene	146		13.146				ND		
162 1,2,3-Trimethylbenzene	105		13.158				ND		
163 Benzyl chloride	91		13.225				ND		
164 1,3-Diethylbenzene	119		13.286				ND		
165 p-Diethylbenzene	119		13.359				ND		
166 n-Butylbenzene	92		13.377				ND		
167 1,2-Dichlorobenzene	146		13.414				ND		
168 o-diethylbenzene	119		13.432				ND		
169 Hexachloroethane	201		13.560				ND		
170 1,2-Dibromo-3-Chloropropane	75		13.969				ND		
171 1,3,5-Trichlorobenzene	180		14.097				ND		
172 1,2,4-Trichlorobenzene	180		14.536				ND		
173 2-Ethylhexyl acrylate	55		14.615				ND		
174 Hexachlorobutadiene	225		14.627				ND		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
175 Naphthalene	128		14.725					ND	7
176 1,2,3-Trichlorobenzene	180		14.871					ND	
177 2-Methylnaphthalene	142		15.511					ND	7
178 C4-C10	1		0.000					ND	
179 1,3-Divinylbenzene	1		0.000					ND	
180 1-Bromo-2-chloroethane	1		0.000					ND	
181 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
182 C6-C10	1		0.000					ND	
183 3-chloro-1-Butene	1		0.000					ND	
184 C6-C12	1		0.000					ND	
185 3-Methyl-1-butene	1		0.000					ND	
186 n-Decane	57		0.000					ND	
187 Dodecane	57		0.000					ND	
188 Butane	1		0.000					ND	
189 tert-Butyl Formate	1		0.000					ND	
190 Methylal	1		0.000					ND	
191 Chloroacetonitrile	1		0.000					ND	
192 3-Methylhexane TIC	1		0.000					ND	
193 Undecane	1		0.000					ND	
S 194 Total BTEX	1		0.000					ND	
195 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
196 Propanol	1		0.000					ND	
197 n-Nonane	1		0.000					ND	
198 Isobutyl acetate	43		0.000					ND	
199 n-Octane	1		0.000					ND	
200 bis(2-chloromethyl)ether TIC	1		0.000					ND	
201 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
202 4-Hydroxy-4-methyl-2-pentanone T	1		0.000					ND	
S 203 divinyl benzene	1		0.000					ND	7
S 204 Total Diethylbenzene	1		0.000					ND	7
205 1-Chlorobutane	1		0.000					ND	
206 Diethoxymethane	1		0.000					ND	
207 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
208 Ethyl bromide	1		0.000					ND	
209 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
210 Propene oxide	1		0.000					ND	
211 1,4-Divinylbenzene	1		0.000					ND	
212 C5-C12	1		0.000					ND	
213 2-Butoxyethyl acetate	1		0.000					ND	
214 Gasoline (Unleaded)	1		0.000					ND	
215 TAH TIC	1		0.000					ND	
216 Dimethyl Sulfide	1		0.000					ND	
217 1-Methylnaphthalene	142		0.000					ND	
218 C7-C12	1		0.000					ND	
$ 219 trans-1,2,3-Trichlorobutene-2 T	1		0.000					ND	
220 sec-Butyl Alcohol TIC	1		0.000					ND	
221 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
222 Phosgene TIC	1		0.000					ND	
223 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
224 2,3-Dimethylbutane TIC	1		0.000					ND	
225 Methylcyclopentane TIC	1		0.000					ND	
226 sec-Butyl Alcohol	45		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
227 2,2-Dimethylbutane TIC	1		0.000					ND	
228 Cyclopentane TIC	1		0.000					ND	
229 3-Methylpentane TIC	1		0.000					ND	
230 1-Methylnaphthalene (TIC)	1		0.000					ND	
231 3-Pentanone TIC	1		0.000					ND	
232 4-Ethyltoluene	1		0.000					ND	
233 2-Methylhexane TIC	1		0.000					ND	
234 3-chloro-1-Butene TIC	1		0.000					ND	
235 2,2-Dimethylpropane TIC	1		0.000					ND	
236 Dimethyl Sulfide TIC	1		0.000					ND	
237 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
238 Dimethylformamide TIC	1		0.000					ND	
239 Carbonyl sulfide TIC	1		0.000					ND	
240 Styrene oxide TIC	1		0.000					ND	
241 C4-C12	1		0.000					ND	
242 Methyl Isocyanate 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

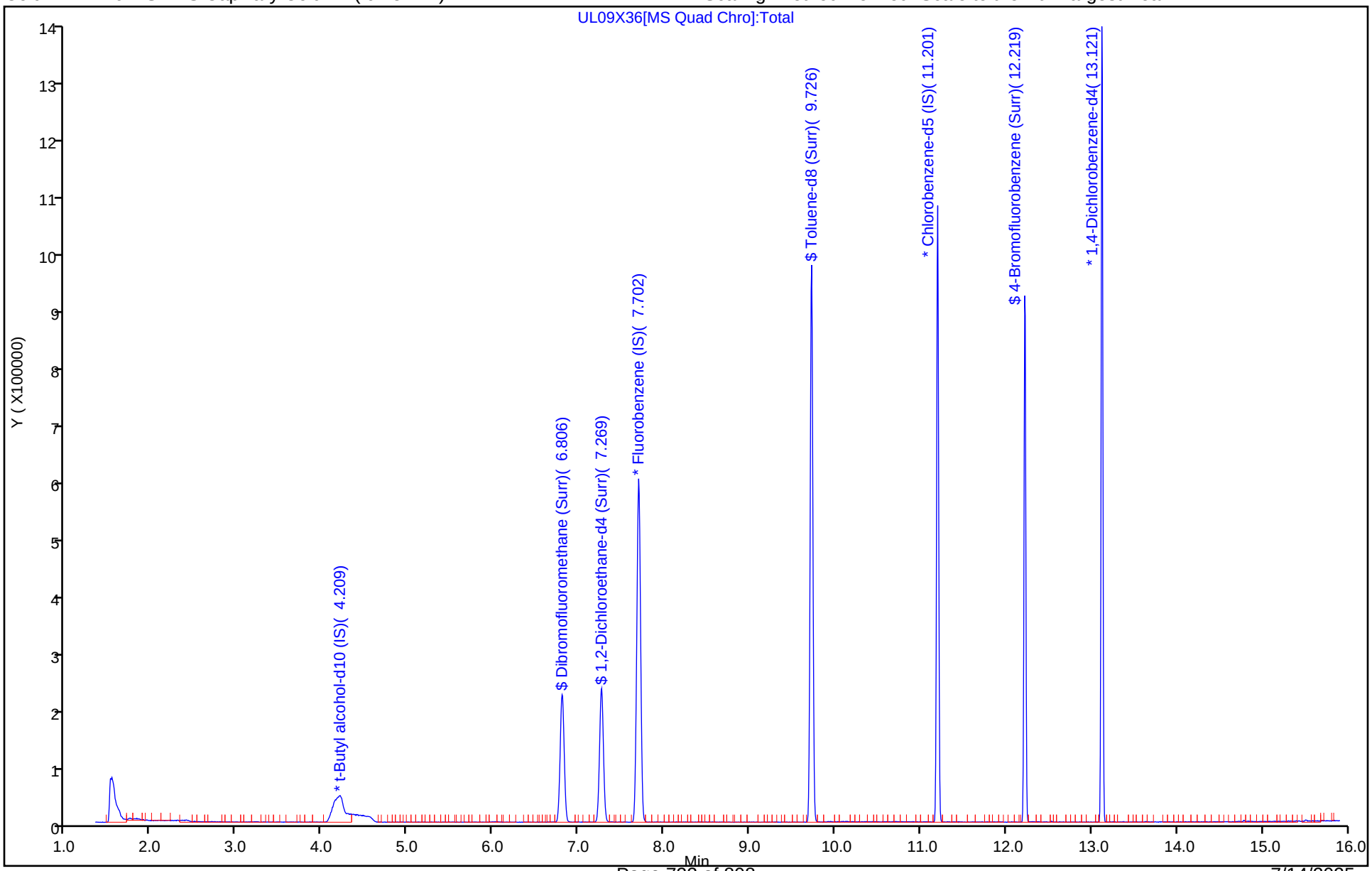
Report Date: 09-Jul-2025 23:35:54 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X36.D

Injection Date:	09-Jul-2025 22:16:31	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X36.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 09-Jul-2025 22:16:31 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-007
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 23:34:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.6	105.26
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	52.1	104.13
$ 79 Toluene-d8 (Surr)	50.0	49.4	98.81
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.0	99.95

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-669730/7

Matrix: Water
Lab File ID: UL10X36.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/10/2025 22:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-669730/7

Matrix: Water
Lab File ID: UL10X36.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/10/2025 22:38

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X36.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Jul-2025 22:38:59 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-007
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 23:37:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85		1.898					ND	
2 Chlorotrifluoroethene	116		2.009					ND	
3 Chlorodifluoromethane	51		2.014					ND	
4 Chloromethane	50		2.099					ND	
5 Butadiene	39		2.209					ND	
6 Vinyl chloride	62		2.215					ND	
7 2-Chloro-1,1,1-Trifluoroethane	118		2.514					ND	
8 Bromomethane	94		2.575					ND	
9 Chloroethane	64		2.630					ND	
10 Dichlorofluoromethane	67		2.922					ND	
11 Pentane	43		2.947					ND	
12 Trichlorofluoromethane	101		2.965					ND	
13 Ethanol	45		3.032					ND	
14 Ethyl ether	59		3.160					ND	
15 1,2-Dichloro-1,1,2-trifluoroetha	67		3.288					ND	
16 Acrolein	56		3.343					ND	
18 Acetone	58		3.507					ND	
17 1,1-Dichloroethene	96		3.520					ND	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.532					ND	
21 Isopropyl alcohol	45		3.690					ND	
20 Iodomethane	142		3.709					ND	
22 Carbon disulfide	76		3.782					ND	
23 Methyl acetate	43		3.928					ND	
24 Acetonitrile	41		3.952					ND	
25 3-Chloro-1-propene	41		3.953					ND	
26 Methylene Chloride	84		4.184					ND	
* 27 t-Butyl alcohol-d10 (IS)	65	4.209	4.202	0.007	31	341607	250.0	250.0	
28 2-Methyl-2-propanol	59		4.312					ND	
30 Acrylonitrile	53		4.501					ND	
31 trans-1,2-Dichloroethene	96		4.562					ND	
32 Methyl tert-butyl ether	73		4.574					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
33 Hexane	57		5.001				ND		
34 1,1-Dichloroethane	63		5.245				ND		
35 Vinyl acetate	43		5.263				ND		
36 Isopropyl ether	45		5.306				ND		
37 2-Chloro-1,3-butadiene	53		5.355				ND		
38 Tert-butyl ethyl ether	59		5.855				ND		
39 2-Butanone (MEK)	43		6.080				ND		
40 cis-1,2-Dichloroethene	96		6.092				ND		
41 2,2-Dichloropropane	77		6.111				ND		
42 Ethyl acetate	43		6.147				ND		
S 43 1,2-Dichloroethene, Total	100		6.155				ND		7
44 Propionitrile	54		6.178				ND		
45 Methyl acrylate	55		6.196				ND		
46 Methacrylonitrile	67		6.391				ND		
47 Chlorobromomethane	128		6.434				ND		
48 Tetrahydrofuran	71		6.440				ND		
49 Chloroform	83		6.586				ND		
$ 50 Dibromofluoromethane (Surr)	113	6.812	6.800	0.012	93	240592	50.0	52.0	
51 1,1,1-Trichloroethane	97		6.812				ND		
52 Cyclohexane	56		6.903				ND		
53 Carbon tetrachloride	117		7.019				ND		
54 1,1-Dichloropropene	75		7.025				ND		
55 Isobutyl alcohol	41		7.202				ND		
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	48	63186	50.0	51.8	
57 Benzene	78		7.293				ND		
58 1,2-Dichloroethane	62		7.373				ND		
59 Isopropyl acetate	43		7.397				ND		
60 Tert-amyl methyl ether	73		7.488				ND		
* 61 Fluorobenzene (IS)	96	7.708	7.702	0.006	99	960289	50.0	50.0	
62 n-Heptane	43		7.708				ND		
63 t-Amyl alcohol	73		7.901				ND		
64 n-Butanol	56		8.074				ND		
65 Trichloroethene	95		8.177				ND		
66 Ethyl acrylate	55		8.299				ND		
67 Methylcyclohexane	83		8.482				ND		
68 1,2-Dichloropropane	63		8.519				ND		
69 2-ethoxy-2-methyl butane	87		8.525				ND		
71 1,4-Dioxane	88		8.604				ND		
70 Methyl methacrylate	69		8.604				ND		
72 Dibromomethane	93		8.628				ND		
73 n-Propyl acetate	61		8.689				ND		
74 Dichlorobromomethane	83		8.866				ND		
75 2-Nitropropane	41		9.147				ND		
76 2-Chloroethyl vinyl ether	63		9.232				ND		
77 cis-1,3-Dichloropropene	75		9.415				ND		
78 4-Methyl-2-pentanone (MIBK)	43		9.592				ND		
$ 79 Toluene-d8 (Surr)	98	9.726	9.720	0.006	93	881843	50.0	49.8	
80 Toluene	92		9.799				ND		
S 119 1,3-Dichloropropene, Total	100		10.060				ND		7
120 trans-1,3-Dichloropropene	75		10.061				ND		
121 Ethyl methacrylate	69		10.128				ND		
122 1,1,2-Trichloroethane	97		10.268				ND		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
123 Tetrachloroethene	166		10.354				ND		
124 1,3-Dichloropropane	76		10.433				ND		
125 3,4-Dichloro-1-butene	75		10.482				ND		
126 2-Hexanone	43		10.488				ND		
127 n-Butyl acetate	43		10.616				ND		
128 Chlorodibromomethane	129		10.646				ND		
129 Ethylene Dibromide	107		10.762				ND		
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	643655	50.0	50.0	
131 1-Chlorohexane	91		11.207				ND		U
132 Chlorobenzene	112		11.226				ND		
S 133 Xylenes, Total	106		11.245				ND		7
134 1,1,1,2-Tetrachloroethane	131		11.311				ND		
135 Ethylbenzene	91		11.311				ND		
136 m-Xylene & p-Xylene	106		11.427				ND		
137 n-Butyl acrylate	55		11.725				ND		
138 o-Xylene	106		11.768				ND		
139 Styrene	104		11.780				ND		
140 Bromoform	173		11.939				ND		
141 Isopropylbenzene	105		12.073				ND		
142 cis-1,4-Dichloro-2-butene	88		12.134				ND		U
143 Cyclohexanone	55		12.170				ND		
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	318940	50.0	50.1	
145 1,1,2,2-Tetrachloroethane	83		12.323				ND		
146 Bromobenzene	156		12.335				ND		
147 trans-1,4-Dichloro-2-butene	53		12.353				ND		
148 1,2,3-Trichloropropane	110		12.372				ND		
149 N-Propylbenzene	91		12.408				ND		
150 2-Chlorotoluene	126		12.487				ND		
151 1,3,5-Trimethylbenzene	105		12.548				ND		
152 4-Chlorotoluene	126		12.579				ND		
153 2,3,4-Trichlorobutene	109		12.615				ND		
154 tert-Butylbenzene	134		12.798				ND		
155 Pentachloroethane	167		12.841				ND		
156 1,2,4-Trimethylbenzene	105		12.841				ND		
157 sec-Butylbenzene	105		12.963				ND		
158 1,3-Dichlorobenzene	146		13.067				ND		
159 4-Isopropyltoluene	119		13.073				ND		
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	96	346291	50.0	50.0	
161 1,4-Dichlorobenzene	146		13.140				ND		
162 1,2,3-Trimethylbenzene	105		13.152				ND		
163 Benzyl chloride	91		13.219				ND		7
164 1,3-Diethylbenzene	119		13.280				ND		
165 p-Diethylbenzene	119		13.353				ND		
166 n-Butylbenzene	92		13.378				ND		
167 1,2-Dichlorobenzene	146		13.408				ND		
168 o-diethylbenzene	119		13.432				ND		
169 Hexachloroethane	201		13.560				ND		
170 1,2-Dibromo-3-Chloropropane	75		13.969				ND		
171 1,3,5-Trichlorobenzene	180		14.097				ND		
172 1,2,4-Trichlorobenzene	180		14.536				ND		
173 2-Ethylhexyl acrylate	55		14.615				ND		
174 Hexachlorobutadiene	225		14.621				ND		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
175 Naphthalene	128		14.725					ND	7
176 1,2,3-Trichlorobenzene	180		14.871					ND	
177 2-Methylnaphthalene	142		15.505					ND	7
178 C4-C10	1		0.000					ND	
179 1,3-Divinylbenzene	1		0.000					ND	
180 1-Bromo-2-chloroethane	1		0.000					ND	
181 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
182 C6-C10	1		0.000					ND	
183 3-chloro-1-Butene	1		0.000					ND	
184 C6-C12	1		0.000					ND	
185 3-Methyl-1-butene	1		0.000					ND	
186 n-Decane	57		0.000					ND	
187 Dodecane	57		0.000					ND	
188 Butane	1		0.000					ND	
189 tert-Butyl Formate	1		0.000					ND	
190 Methylal	1		0.000					ND	
191 Chloroacetonitrile	1		0.000					ND	
192 3-Methylhexane TIC	1		0.000					ND	
193 Undecane	1		0.000					ND	
S 194 Total BTEX	1		0.000					ND	
195 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
196 Propanol	1		0.000					ND	
197 n-Nonane	1		0.000					ND	
198 Isobutyl acetate	43		0.000					ND	
199 n-Octane	1		0.000					ND	
200 bis(2-chloromethyl)ether TIC	1		0.000					ND	
201 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
202 4-Hydroxy-4-methyl-2-pentanone T	1		0.000					ND	
S 203 divinyl benzene	1		0.000					ND	7
S 204 Total Diethylbenzene	1		0.000					ND	7
205 1-Chlorobutane	1		0.000					ND	
206 Diethoxymethane	1		0.000					ND	
207 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
208 Ethyl bromide	1		0.000					ND	
209 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
210 Propene oxide	1		0.000					ND	
211 1,4-Divinylbenzene	1		0.000					ND	
212 C5-C12	1		0.000					ND	
213 2-Butoxyethyl acetate	1		0.000					ND	
214 Gasoline (Unleaded)	1		0.000					ND	
215 TAH TIC	1		0.000					ND	
216 Dimethyl Sulfide	1		0.000					ND	
217 1-Methylnaphthalene	142		0.000					ND	
218 C7-C12	1		0.000					ND	
$ 219 trans-1,2,3-Trichlorobutene-2 T	1		0.000					ND	
220 sec-Butyl Alcohol TIC	1		0.000					ND	
221 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
222 Phosgene TIC	1		0.000					ND	
223 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
224 2,3-Dimethylbutane TIC	1		0.000					ND	
225 Methylcyclopentane TIC	1		0.000					ND	
226 sec-Butyl Alcohol	45		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
227 2,2-Dimethylbutane TIC	1		0.000					ND	
228 Cyclopentane TIC	1		0.000					ND	
229 3-Methylpentane TIC	1		0.000					ND	
230 1-Methylnaphthalene (TIC)	1		0.000					ND	
231 3-Pentanone TIC	1		0.000					ND	
232 4-Ethyltoluene	1		0.000					ND	
233 2-Methylhexane TIC	1		0.000					ND	
234 3-chloro-1-Butene TIC	1		0.000					ND	
235 2,2-Dimethylpropane TIC	1		0.000					ND	
236 Dimethyl Sulfide TIC	1		0.000					ND	
237 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
238 Dimethylformamide TIC	1		0.000					ND	
239 Carbonyl sulfide TIC	1		0.000					ND	
240 Styrene oxide TIC	1		0.000					ND	
241 C4-C12	1		0.000					ND	
242 Methyl Isocyanate 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

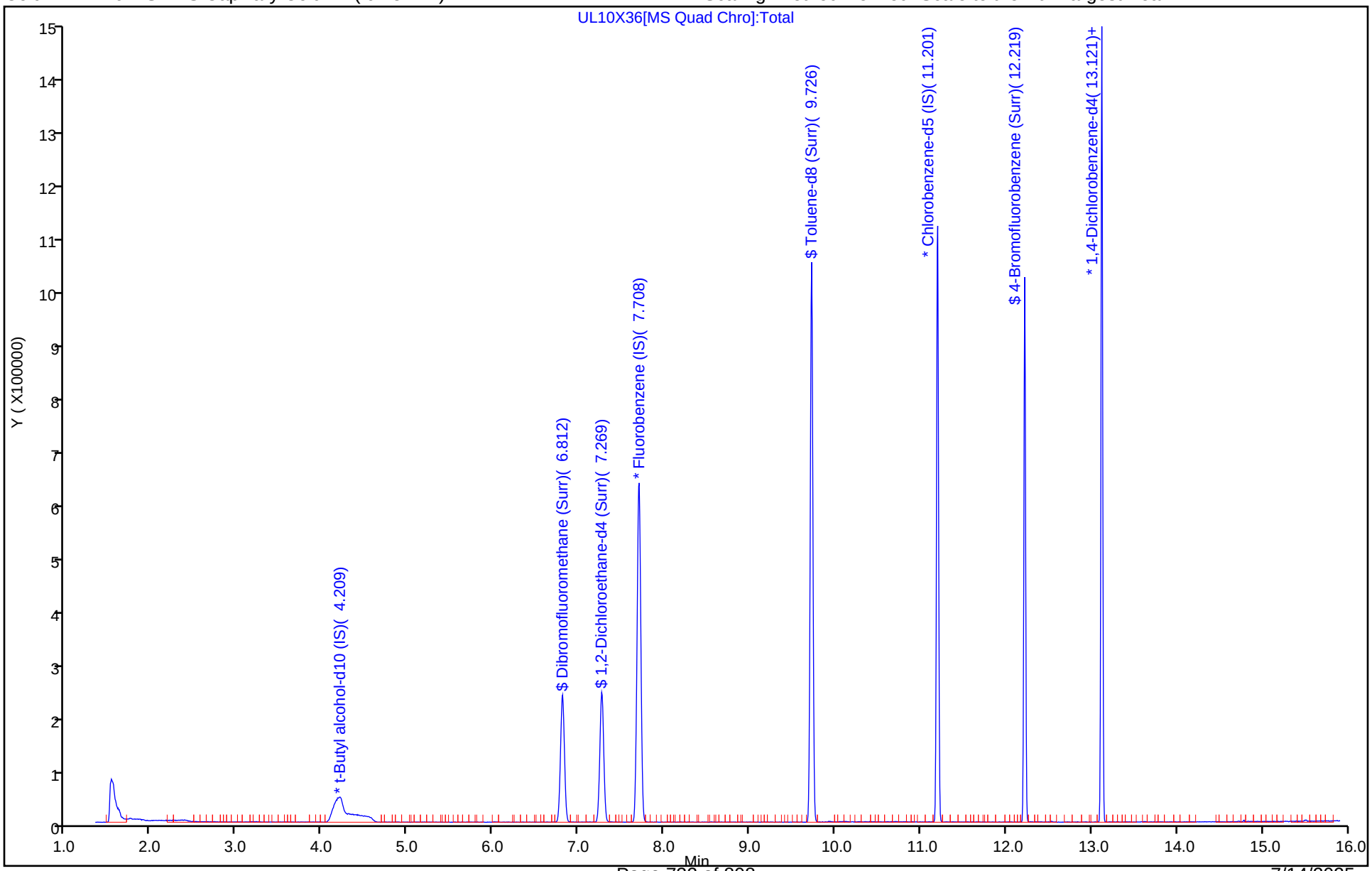
Report Date: 10-Jul-2025 23:38:46 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X36.D

Injection Date:	10-Jul-2025 22:38:59	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X36.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 10-Jul-2025 22:38:59 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-007
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 23:37:43

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	52.0	103.93
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.53
$ 79 Toluene-d8 (Surr)	50.0	49.8	99.57
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.1	100.17

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-668460/4

Matrix: Water
Lab File ID: WL08X36.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 22:46

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.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.1		1.0	0.30
71-55-6	1,1,1-Trichloroethane	19.6		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	18.5		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.30
75-34-3	1,1-Dichloroethane	19.5		1.0	0.30
75-35-4	1,1-Dichloroethene	21.2		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	18.9		1.0	0.20
107-06-2	1,2-Dichloroethane	18.0		1.0	0.30
78-87-5	1,2-Dichloropropane	18.9		1.0	0.30
78-93-3	2-Butanone (MEK)	225		10	1.0
591-78-6	2-Hexanone	239		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	232		10	0.50
67-64-1	Acetone	280		20	0.70
71-43-2	Benzene	19.5		1.0	0.30
74-97-5	Bromochloromethane	20.4		5.0	0.20
75-27-4	Bromodichloromethane	19.9		1.0	0.20
75-25-2	Bromoform	21.6		4.0	1.0
74-83-9	Bromomethane	18.1		1.0	0.30
75-15-0	Carbon disulfide	18.9		5.0	0.30
56-23-5	Carbon tetrachloride	20.7		1.0	0.30
108-90-7	Chlorobenzene	19.7		1.0	0.30
75-00-3	Chloroethane	17.8		1.0	0.30
67-66-3	Chloroform	17.6		1.0	0.30
74-87-3	Chloromethane	17.2		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.20
124-48-1	Dibromochloromethane	20.3		1.0	0.20
100-41-4	Ethylbenzene	19.5		1.0	0.40
1634-04-4	Methyl tert-butyl ether	16.8		1.0	0.20
75-09-2	Methylene Chloride	19.7		1.0	0.30
100-42-5	Styrene	19.5		5.0	0.30
127-18-4	Tetrachloroethene	28.1		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-668460/4

Matrix: Water
Lab File ID: WL08X36.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 22:46

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.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

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	20.3		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.20
79-01-6	Trichloroethene	19.5		1.0	0.30
75-01-4	Vinyl chloride	17.3		1.0	0.30
1330-20-7	Xylenes, Total	58.8		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		80-120
2037-26-5	Toluene-d8 (Surr)	100		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X36.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Jul-2025 22:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-004
Misc. Info.: LCS
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:52:19 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 08-Jul-2025 23:35:15

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.969	1.969	0.000	99	132493	20.0	14.7	
7 Chloromethane	50	2.175	2.175	0.000	99	166780	20.0	17.2	
8 Butadiene	39	2.290	2.293	-0.003	93	182831	20.0	18.3	
9 Vinyl chloride	62	2.287	2.293	-0.006	98	165298	20.0	17.3	
11 Bromomethane	94	2.650	2.649	0.001	90	114820	20.0	18.1	
13 Chloroethane	64	2.714	2.720	-0.006	99	90825	20.0	17.8	
14 Dichlorofluoromethane	67	2.987	2.986	0.001	97	246085	20.0	17.3	
15 Trichlorofluoromethane	101	3.048	3.047	0.001	97	179588	20.0	16.8	
16 Pentane	43	3.054	3.057	-0.003	96	122544	20.0	15.0	
19 1,2-Dichloro-1,1,2-trifluoroetha	67	3.381	3.384	-0.003	93	121069	20.0	17.7	
20 Acrolein	56	3.449	3.455	-0.006	98	237626	146.3	159.1	
21 1,1-Dichloroethene	96	3.599	3.606	-0.007	79	97608	20.0	21.2	
22 Acetone	58	3.632	3.628	0.004	100	213101	250.0	279.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.641	3.635	0.006	89	92332	20.0	17.3	
25 Isopropyl alcohol	45	3.786	3.785	0.001	38	88772	150.0	104.5	
26 Iodomethane	142	3.811	3.808	0.003	97	167515	20.0	18.8	
27 Carbon disulfide	76	3.949	3.946	0.003	98	319849	20.0	18.9	M
28 Methyl acetate	43	4.055	4.052	0.003	91	113225	20.0	18.3	M
30 3-Chloro-1-propene	41	4.081	4.077	0.004	93	123229	20.0	17.3	
* 35 t-Butyl alcohol-d10 (IS)	65	4.341	4.273	0.068	92	248717	250.0	250.0	
34 Methylene Chloride	84	4.277	4.280	-0.003	94	103285	20.0	19.7	
36 2-Methyl-2-propanol	59	4.469	4.446	0.023	97	229816	200.0	202.6	
37 Acrylonitrile	53	4.626	4.623	0.003	99	292521	100.0	89.7	
39 Methyl tert-butyl ether	73	4.674	4.674	0.000	90	270986	20.0	16.8	
38 trans-1,2-Dichloroethene	96	4.697	4.690	0.007	98	88070	20.0	20.3	
40 Hexane	57	5.124	5.120	0.004	92	88358	20.0	17.0	
41 1,1-Dichloroethane	63	5.364	5.361	0.003	96	151266	20.0	19.5	
43 Isopropyl ether	45	5.412	5.422	-0.010	95	267322	20.0	17.9	
44 2-Chloro-1,3-butadiene	53	5.464	5.470	-0.006	90	125188	20.0	17.6	
45 Tert-butyl ethyl ether	59	5.958	5.967	-0.009	98	250130	20.0	16.0	
47 2-Butanone (MEK)	43	6.163	6.163	0.000	100	975390	250.0	225.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
48 cis-1,2-Dichloroethene	96	6.202	6.202	0.000	81	96630	20.0	19.4	
49 2,2-Dichloropropane	77	6.218	6.218	0.000	86	140956	20.0	17.8	
51 Propionitrile	54	6.260	6.263	-0.003	96	201402	150.0	170.6	
52 Methyl acrylate	55	6.301	6.298	0.003	98	154461	20.0	20.1	
54 Methacrylonitrile	67	6.484	6.478	0.006	90	430036	150.0	141.4	
55 Chlorobromomethane	128	6.539	6.532	0.007	83	48786	20.0	20.4	
56 Tetrahydrofuran	71	6.536	6.551	-0.015	81	111529	100.0	111.2	
57 Chloroform	83	6.690	6.689	0.001	94	143287	20.0	17.6	
$ 58 Dibromofluoromethane (Surr)	113	6.901	6.904	-0.003	94	197641	50.0	50.2	
59 1,1,1-Trichloroethane	97	6.917	6.920	-0.003	98	151067	20.0	19.6	
60 Cyclohexane	56	7.014	7.010	0.004	90	157174	20.0	17.6	
61 1,1-Dichloropropene	75	7.129	7.123	0.006	96	119065	20.0	18.2	
62 Carbon tetrachloride	117	7.129	7.126	0.003	91	126334	20.0	20.7	
65 Isobutyl alcohol	41	7.299	7.286	0.013	93	171479	500.0	464.6	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.364	7.357	0.007	94	50669	50.0	50.7	
67 Benzene	78	7.392	7.395	-0.003	97	370607	20.0	19.5	
68 1,2-Dichloroethane	62	7.466	7.466	0.000	97	106337	20.0	18.0	
71 Tert-amyl methyl ether	73	7.582	7.582	0.000	98	246909	20.0	16.5	
* 74 Fluorobenzene (IS)	96	7.800	7.797	0.003	99	836047	50.0	50.0	
75 n-Heptane	43	7.806	7.813	-0.007	92	82295	20.0	17.2	
76 n-Butanol	56	8.175	8.169	0.006	91	273941	1000.0	986.6	
77 Trichloroethene	95	8.278	8.278	0.000	98	92298	20.0	19.5	
78 Ethyl acrylate	55	8.394	8.390	0.004	99	143129	20.0	18.1	
79 Methylcyclohexane	83	8.583	8.583	0.000	91	134182	20.0	17.5	
80 1,2-Dichloropropane	63	8.621	8.618	0.003	73	90352	20.0	18.9	
81 2-ethoxy-2-methyl butane	87	8.618	8.621	-0.003	91	115607	20.0	16.5	
82 Methyl methacrylate	69	8.698	8.695	0.003	92	78282	20.0	17.9	
83 1,4-Dioxane	88	8.698	8.711	-0.013	49	41736	500.0	581.5	
84 Dibromomethane	93	8.724	8.730	-0.006	98	58777	20.0	19.6	
86 Dichlorobromomethane	83	8.968	8.965	0.003	99	104471	20.0	19.9	
87 2-Nitropropane	41	9.241	9.241	0.000	99	29056	20.0	18.3	
88 2-Chloroethyl vinyl ether	63	9.321	9.324	-0.003	91	58710	20.0	17.2	
92 cis-1,3-Dichloropropene	75	9.504	9.510	-0.006	96	118952	20.0	17.3	
93 4-Methyl-2-pentanone (MIBK)	43	9.684	9.680	0.004	96	1963637	250.0	232.1	
$ 95 Toluene-d8 (Surr)	98	9.809	9.809	0.001	93	818327	50.0	50.0	
98 Toluene	92	9.886	9.886	0.000	98	227305	20.0	19.7	
125 trans-1,3-Dichloropropene	75	10.139	10.145	-0.006	92	109828	20.0	18.0	
126 Ethyl methacrylate	69	10.207	10.203	0.004	89	126632	20.0	16.1	
129 1,1,2-Trichloroethane	97	10.345	10.348	-0.003	90	81321	20.0	19.4	
130 Tetrachloroethene	166	10.431	10.431	0.000	98	128756	20.0	28.1	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	90	130035	20.0	18.4	
134 2-Hexanone	43	10.563	10.559	0.004	96	1390279	250.0	239.1	
136 Chlorodibromomethane	129	10.720	10.723	-0.003	90	81691	20.0	20.3	
137 Ethylene Dibromide	107	10.832	10.832	0.000	99	83896	20.0	18.9	
* 139 Chlorobenzene-d5 (IS)	117	11.259	11.259	0.000	85	613808	50.0	50.0	
140 1-Chlorohexane	91	11.269	11.269	0.000	96	109057	20.0	18.5	
141 Chlorobenzene	112	11.288	11.288	0.000	96	238165	20.0	19.7	
142 1,1,1,2-Tetrachloroethane	131	11.368	11.368	0.000	96	92314	20.0	20.1	
143 Ethylbenzene	91	11.375	11.371	0.004	98	443673	20.0	19.5	
144 m-Xylene & p-Xylene	106	11.487	11.487	0.000	100	338275	40.0	39.2	
145 n-Butyl acrylate	55	11.763	11.763	0.000	96	182722	20.0	16.6	
146 o-Xylene	106	11.814	11.817	-0.003	96	179206	20.0	19.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
147 Styrene	104	11.830	11.830	0.000	95	266913	20.0	19.5	
148 Bromoform	173	11.988	11.987	0.001	97	64260	20.0	21.6	
149 Isopropylbenzene	105	12.116	12.116	0.000	95	462632	20.0	22.3	
$ 152 4-Bromofluorobenzene (Surr)	95	12.257	12.260	-0.003	91	292137	50.0	47.6	
153 1,1,2,2-Tetrachloroethane	83	12.363	12.363	0.000	95	157834	20.0	18.5	
154 Bromobenzene	156	12.376	12.376	0.000	94	106479	20.0	19.8	
155 trans-1,4-Dichloro-2-butene	53	12.385	12.385	0.000	95	198238	100.0	81.5	
156 1,2,3-Trichloropropane	110	12.411	12.408	0.003	86	48309	20.0	18.4	
157 N-Propylbenzene	91	12.443	12.443	0.000	99	516709	20.0	19.9	
158 2-Chlorotoluene	126	12.520	12.520	0.000	97	106177	20.0	19.7	
159 1,3,5-Trimethylbenzene	105	12.578	12.578	0.000	94	374339	20.0	19.2	
160 4-Chlorotoluene	126	12.613	12.613	0.000	97	102286	20.0	20.1	
161 tert-Butylbenzene	134	12.822	12.822	0.000	93	70416	20.0	19.8	
163 1,2,4-Trimethylbenzene	105	12.864	12.863	0.001	97	376895	20.0	18.2	
164 sec-Butylbenzene	105	12.986	12.985	0.001	94	450071	20.0	19.6	
165 1,3-Dichlorobenzene	146	13.082	13.085	-0.003	98	204162	20.0	20.6	
166 4-Isopropyltoluene	119	13.088	13.091	-0.003	97	382123	20.0	19.2	
* 167 1,4-Dichlorobenzene-d4	152	13.136	13.139	-0.003	95	348765	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.156	13.155	0.001	96	207816	20.0	20.5	
169 1,2,3-Trimethylbenzene	105	13.168	13.165	0.003	98	400752	20.0	17.9	
171 Benzyl chloride	91	13.233	13.232	0.001	98	277784	20.0	17.7	
172 1,3-Diethylbenzene	119	13.290	13.290	0.000	95	223797	20.0	19.4	
173 p-Diethylbenzene	119	13.361	13.364	-0.003	96	232958	20.0	18.0	
174 n-Butylbenzene	92	13.383	13.383	0.000	97	183723	20.0	19.2	
175 1,2-Dichlorobenzene	146	13.419	13.419	0.000	99	216421	20.0	20.2	
176 o-diethylbenzene	119	13.435	13.438	-0.003	95	192185	20.0	19.2	
178 1,2-Dibromo-3-Chloropropane	75	13.958	13.961	-0.003	87	40670	20.0	15.5	
179 1,3,5-Trichlorobenzene	180	14.086	14.083	0.003	98	148016	20.0	20.6	
180 1,2,4-Trichlorobenzene	180	14.510	14.510	0.000	94	147246	20.0	20.3	
181 2-Ethylhexyl acrylate	55	14.564	14.564	0.000	82	114785	20.1	14.2	
182 Hexachlorobutadiene	225	14.590	14.590	0.000	96	53668	20.0	21.4	
183 Naphthalene	128	14.693	14.692	0.001	97	601521	20.0	17.6	
184 1,2,3-Trichlorobenzene	180	14.834	14.837	-0.003	95	149584	20.0	20.1	
185 2-Methylnaphthalene	142	15.472	15.472	0.000	92	282360	20.0	19.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_OH_Sp_00030	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

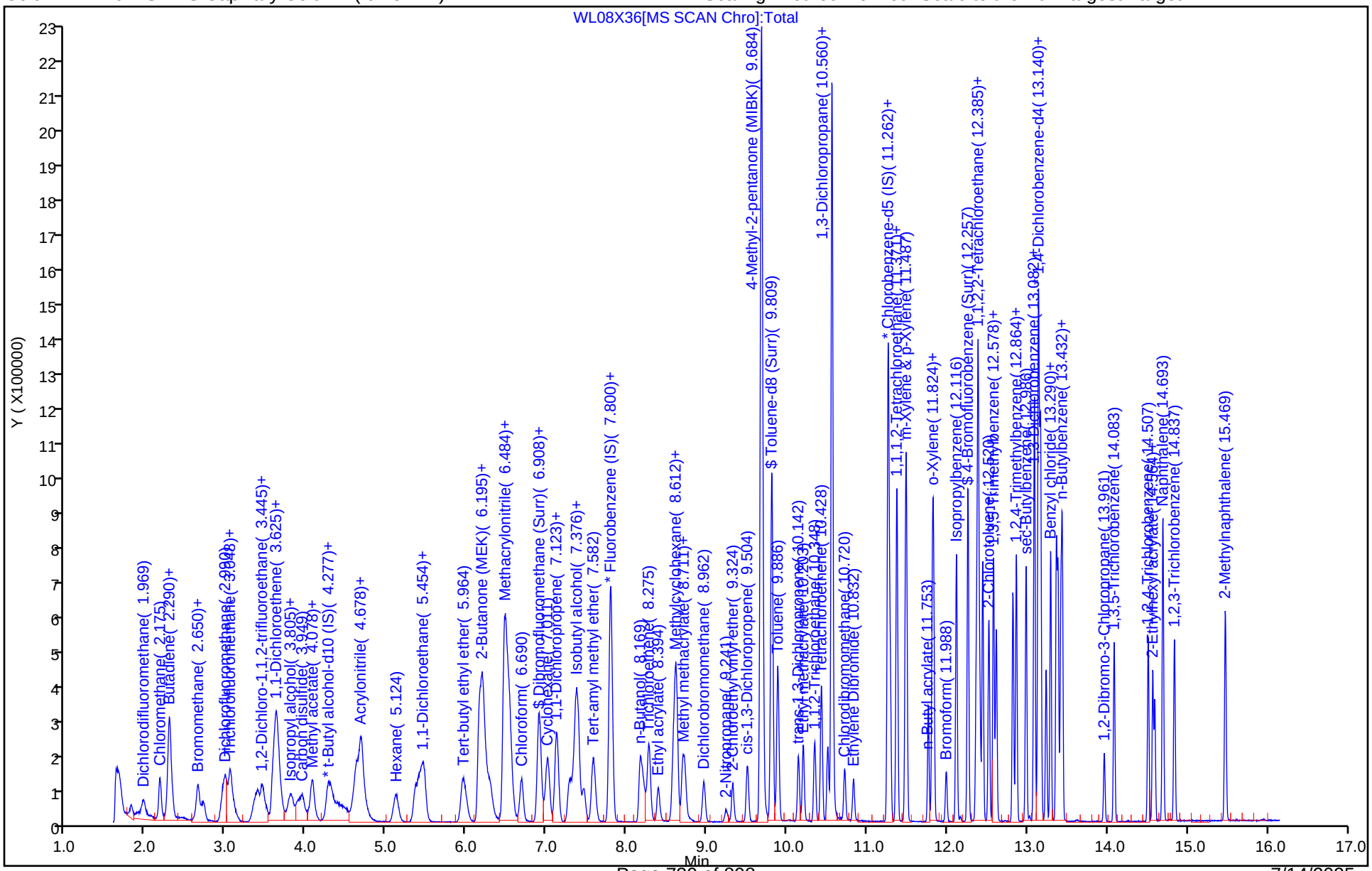
Report Date: 09-Jul-2025 02:52:25 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X36.D

Injection Date:	08-Jul-2025 22:46:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X36.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 08-Jul-2025 22:46:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-004
Misc. Info.: LCS
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:52:19 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 08-Jul-2025 23:35:15

Compound	Amount Added	Amount Recovered	% Rec.
$ 58 Dibromofluoromethane (Surr)	50.0	50.2	100.32
$ 66 1,2-Dichloroethane-d4 (Surr)	50.0	50.7	101.35
$ 95 Toluene-d8 (Surr)	50.0	50.0	100.02
$ 152 4-Bromofluorobenzene (Surr)	50.0	47.6	95.11

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

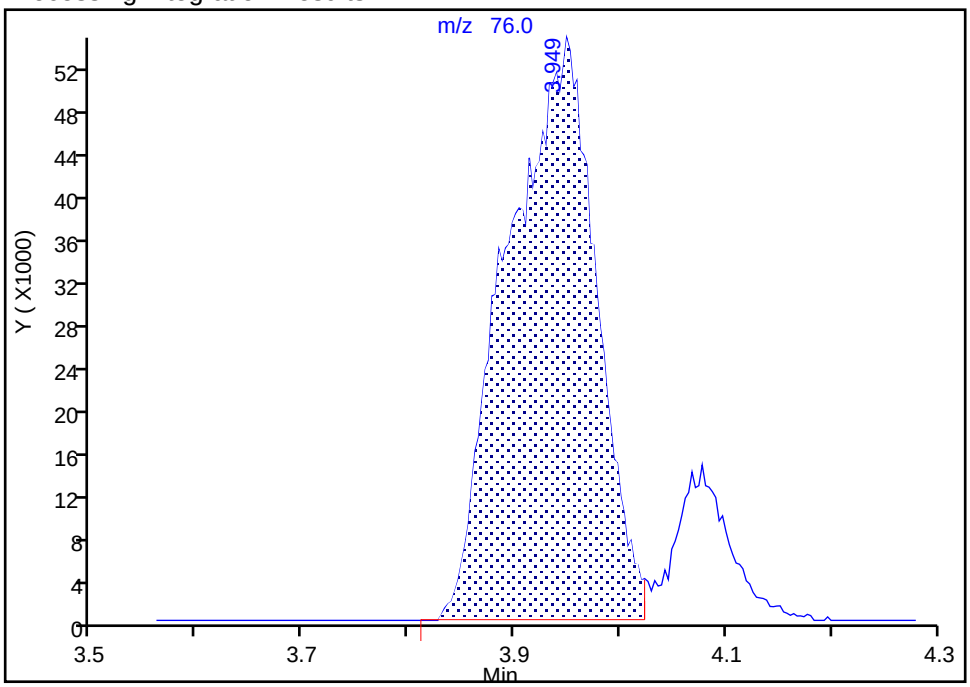
Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X36.D				
Injection Date:	08-Jul-2025 22:46:30	Instrument ID:	9137		
Lims ID:	LCS				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

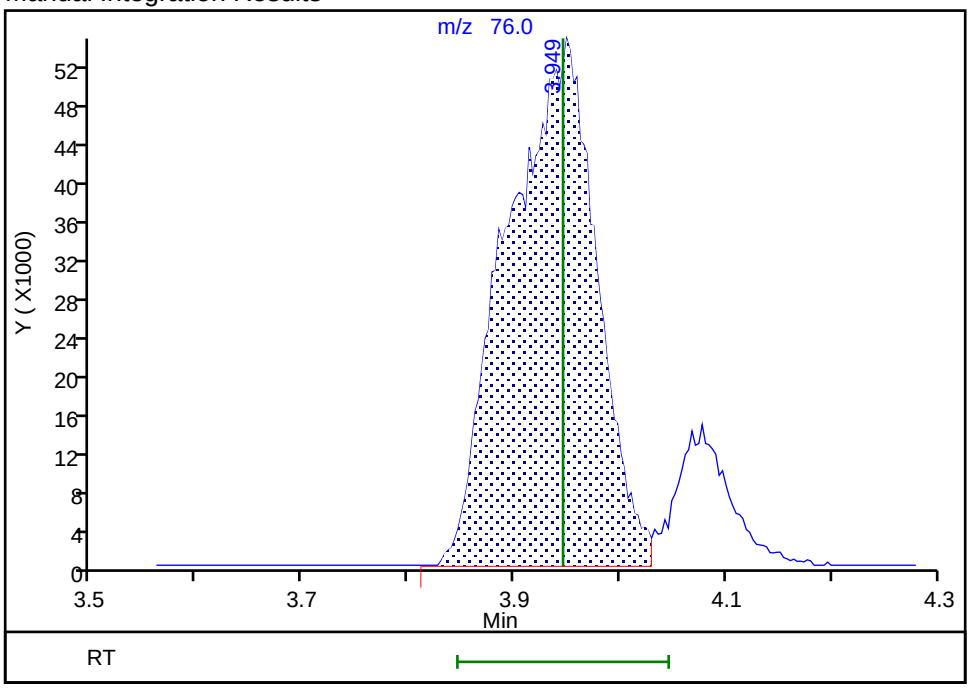
Processing Integration Results

RT: 3.95
Area: 318623
Amount: 18.850777
Amount Units: ug/l



Manual Integration Results

RT: 3.95
Area: 319849
Amount: 18.923311
Amount Units: ug/l



Reviewer: Z6YX, 08-Jul-2025 23:31:59 -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.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-669131/4

Matrix: Water
Lab File ID: UL09X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 21:14

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

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	19.4		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	19.6		1.0	0.30
75-34-3	1,1-Dichloroethane	20.8		1.0	0.30
75-35-4	1,1-Dichloroethene	19.8		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.0		1.0	0.20
107-06-2	1,2-Dichloroethane	19.4		1.0	0.30
78-87-5	1,2-Dichloropropane	19.9		1.0	0.30
78-93-3	2-Butanone (MEK)	249		10	1.0
591-78-6	2-Hexanone	274		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	258		10	0.50
67-64-1	Acetone	285		20	0.70
71-43-2	Benzene	19.2		1.0	0.30
74-97-5	Bromochloromethane	18.8		5.0	0.20
75-27-4	Bromodichloromethane	20.3		1.0	0.20
75-25-2	Bromoform	20.8		4.0	1.0
74-83-9	Bromomethane	17.8		1.0	0.30
75-15-0	Carbon disulfide	18.8		5.0	0.30
56-23-5	Carbon tetrachloride	20.4		1.0	0.30
108-90-7	Chlorobenzene	19.1		1.0	0.30
75-00-3	Chloroethane	19.4		1.0	0.30
67-66-3	Chloroform	19.8		1.0	0.30
74-87-3	Chloromethane	17.2		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.5		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	18.9		1.0	0.20
124-48-1	Dibromochloromethane	20.3		1.0	0.20
100-41-4	Ethylbenzene	18.7		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.2		1.0	0.20
75-09-2	Methylene Chloride	20.4		1.0	0.30
100-42-5	Styrene	18.4		5.0	0.30
127-18-4	Tetrachloroethene	17.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-669131/4

Matrix: Water
Lab File ID: UL09X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 21:14

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.8		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.8		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.6		1.0	0.20
79-01-6	Trichloroethene	18.9		1.0	0.30
75-01-4	Vinyl chloride	17.4		1.0	0.30
1330-20-7	Xylenes, Total	54.7		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)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	102		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\23090\20250709-152932.b\UL09X33.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Jul-2025 21:14:20 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-004
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 21:47:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.904	1.898	0.006	99	141153	20.0	15.4	
4 Chloromethane	50	2.099	2.099	0.000	99	161233	20.0	17.2	
5 Butadiene	39	2.209	2.209	0.000	93	231662	20.0	22.9	
6 Vinyl chloride	62	2.215	2.215	0.000	97	164567	20.0	17.4	
8 Bromomethane	94	2.575	2.575	0.000	90	118714	20.0	17.8	
9 Chloroethane	64	2.630	2.629	0.001	99	105203	20.0	19.4	
10 Dichlorofluoromethane	67	2.916	2.910	0.006	97	259966	20.0	17.7	
11 Pentane	43	2.947	2.946	0.001	97	153673	20.0	16.5	
12 Trichlorofluoromethane	101	2.959	2.971	-0.012	70	188323	20.0	17.2	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.294	3.288	0.006	92	134303	20.0	18.8	
16 Acrolein	56	3.343	3.343	0.000	100	309231	146.3	151.3	
17 1,1-Dichloroethene	96	3.514	3.501	0.013	96	109076	20.0	19.8	
18 Acetone	58	3.520	3.513	0.007	100	281737	250.0	285.0	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.526	3.532	-0.006	94	109021	20.0	17.2	
20 Iodomethane	142	3.709	3.708	0.001	98	168833	20.0	15.8	
21 Isopropyl alcohol	45	3.703	3.727	-0.024	95	84147	150.0	86.6	
22 Carbon disulfide	76	3.794	3.788	0.006	98	308145	20.0	18.8	M
23 Methyl acetate	43	3.934	3.934	0.000	97	158068	20.0	23.3	
25 3-Chloro-1-propene	41	3.965	3.952	0.013	90	149121	20.0	19.7	a
26 Methylene Chloride	84	4.190	4.172	0.018	90	127709	20.0	20.4	M
* 27 t-Butyl alcohol-d10 (IS)	65	4.215	4.202	0.013	97	336941	250.0	250.0	
28 2-Methyl-2-propanol	59	4.331	4.300	0.031	99	311943	200.0	212.2	
30 Acrylonitrile	53	4.501	4.507	-0.006	98	370911	100.0	104.0	
31 trans-1,2-Dichloroethene	96	4.568	4.562	0.006	100	111726	20.0	20.8	
32 Methyl tert-butyl ether	73	4.580	4.568	0.012	94	301735	20.0	17.2	
33 Hexane	57	5.007	5.001	0.006	91	133339	20.0	17.8	
34 1,1-Dichloroethane	63	5.251	5.251	0.000	96	195843	20.0	20.8	
36 Isopropyl ether	45	5.318	5.318	0.000	94	296036	20.0	19.1	
37 2-Chloro-1,3-butadiene	53	5.355	5.354	0.001	90	148869	20.0	18.2	
38 Tert-butyl ethyl ether	59	5.855	5.860	-0.005	97	276671	20.0	17.1	
39 2-Butanone (MEK)	43	6.080	6.080	0.000	99	1207259	250.0	249.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	6.098	6.098	0.000	81	124989	20.0	19.5	
41 2,2-Dichloropropane	77	6.111	6.117	-0.006	88	170922	20.0	20.0	
44 Propionitrile	54	6.178	6.178	0.000	99	257105	150.0	166.8	
46 Methacrylonitrile	67	6.397	6.397	0.000	90	531934	150.0	152.6	
47 Chlorobromomethane	128	6.434	6.434	0.000	96	58665	20.0	18.8	
48 Tetrahydrofuran	71	6.446	6.446	0.000	86	145251	100.0	99.3	
49 Chloroform	83	6.586	6.586	0.000	93	189754	20.0	19.8	
$ 50 Dibromofluoromethane (Surr)	113	6.806	6.805	0.001	93	236807	50.0	50.9	
51 1,1,1-Trichloroethane	97	6.812	6.812	0.000	99	169436	20.0	19.4	
52 Cyclohexane	56	6.909	6.903	0.006	88	189988	20.0	18.2	
53 Carbon tetrachloride	117	7.019	7.025	-0.006	77	140323	20.0	20.4	
54 1,1-Dichloropropene	75	7.031	7.025	0.006	97	144755	20.0	18.2	
55 Isobutyl alcohol	41	7.208	7.208	0.000	94	229166	500.0	508.8	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.269	-0.006	97	60930	50.0	49.7	
57 Benzene	78	7.293	7.293	0.000	96	455465	20.0	19.2	
58 1,2-Dichloroethane	62	7.373	7.372	0.001	98	136703	20.0	19.4	
60 Tert-amyl methyl ether	73	7.488	7.482	0.006	99	277329	20.0	17.4	
* 61 Fluorobenzene (IS)	96	7.708	7.702	0.006	99	965022	50.0	50.0	
62 n-Heptane	43	7.714	7.714	0.000	83	124959	20.0	18.7	
64 n-Butanol	56	8.080	8.086	-0.006	87	348555	1000.0	1094.3	
65 Trichloroethene	95	8.183	8.177	0.006	99	111176	20.0	18.9	
67 Methylcyclohexane	83	8.488	8.482	0.006	89	197754	20.0	17.5	
68 1,2-Dichloropropane	63	8.519	8.525	-0.006	87	107648	20.0	19.9	
69 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	92	151189	20.0	18.7	
71 1,4-Dioxane	88	8.604	8.604	0.000	36	45369	500.0	549.6	M
70 Methyl methacrylate	69	8.604	8.610	-0.006	90	87768	20.0	18.5	
72 Dibromomethane	93	8.635	8.628	0.007	96	68472	20.0	19.3	
74 Dichlorobromomethane	83	8.866	8.866	0.000	100	126865	20.0	20.3	
75 2-Nitropropane	41	9.147	9.153	-0.006	99	38433	20.0	21.1	
76 2-Chloroethyl vinyl ether	63	9.238	9.238	0.000	91	63387	20.0	17.8	
77 cis-1,3-Dichloropropene	75	9.421	9.421	0.000	97	144972	20.0	18.9	
78 4-Methyl-2-pentanone (MIBK)	43	9.598	9.598	0.000	96	2260777	250.0	257.9	
$ 79 Toluene-d8 (Surr)	98	9.726	9.726	0.000	93	902571	50.0	50.7	
80 Toluene	92	9.799	9.805	-0.006	98	260843	20.0	18.8	
120 trans-1,3-Dichloropropene	75	10.067	10.067	0.000	91	128745	20.0	19.6	
121 Ethyl methacrylate	69	10.128	10.128	0.000	88	142823	20.0	18.0	
122 1,1,2-Trichloroethane	97	10.274	10.274	0.000	91	89744	20.0	19.6	
123 Tetrachloroethene	166	10.354	10.354	0.000	97	102570	20.0	17.7	
124 1,3-Dichloropropane	76	10.439	10.439	0.000	88	151662	20.0	19.8	
126 2-Hexanone	43	10.494	10.494	0.000	95	1604983	250.0	274.2	
128 Chlorodibromomethane	129	10.652	10.652	0.000	90	89111	20.0	20.3	
129 Ethylene Dibromide	107	10.762	10.762	0.000	99	91899	20.0	19.0	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	646768	50.0	50.0	
131 1-Chlorohexane	91	11.213	11.213	0.000	96	136690	20.0	17.9	
132 Chlorobenzene	112	11.232	11.225	0.007	95	285388	20.0	19.1	
134 1,1,1,2-Tetrachloroethane	131	11.311	11.311	0.000	95	102103	20.0	19.9	
135 Ethylbenzene	91	11.317	11.317	0.000	98	518209	20.0	18.7	
136 m-Xylene & p-Xylene	106	11.433	11.433	0.000	100	399221	40.0	36.5	
138 o-Xylene	106	11.768	11.768	0.000	96	203331	20.0	18.2	
139 Styrene	104	11.786	11.786	0.000	95	307361	20.0	18.4	
140 Bromoform	173	11.945	11.945	0.000	96	61101	20.0	20.8	
141 Isopropylbenzene	105	12.073	12.073	0.000	96	535283	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
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	86	322705	50.0	50.4	
145 1,1,2,2-Tetrachloroethane	83	12.329	12.329	0.000	94	171592	20.0	20.7	
146 Bromobenzene	156	12.341	12.341	0.000	96	110991	20.0	18.8	
147 trans-1,4-Dichloro-2-butene	53	12.353	12.353	0.000	92	194956	100.0	93.9	
148 1,2,3-Trichloropropane	110	12.378	12.378	0.000	83	52278	20.0	19.7	
149 N-Propylbenzene	91	12.408	12.408	0.000	99	634036	20.0	19.6	
150 2-Chlorotoluene	126	12.487	12.487	0.000	97	123612	20.0	19.1	
151 1,3,5-Trimethylbenzene	105	12.548	12.548	0.000	94	441486	20.0	18.7	
152 4-Chlorotoluene	126	12.585	12.585	0.000	97	116815	20.0	19.1	
154 tert-Butylbenzene	134	12.798	12.798	0.000	93	84219	20.0	18.0	
156 1,2,4-Trimethylbenzene	105	12.841	12.841	0.000	97	446898	20.0	18.7	
157 sec-Butylbenzene	105	12.969	12.969	0.000	94	554487	20.0	18.6	
158 1,3-Dichlorobenzene	146	13.067	13.066	0.001	98	218007	20.0	18.8	
159 4-Isopropyltoluene	119	13.079	13.079	0.000	97	467216	20.0	17.8	
* 160 1,4-Dichlorobenzene-d4	152	13.128	13.121	0.007	94	340904	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.146	13.146	0.000	95	219562	20.0	19.1	
162 1,2,3-Trimethylbenzene	105	13.152	13.158	-0.006	98	449727	20.0	18.4	
163 Benzyl chloride	91	13.225	13.225	0.000	98	317239	20.0	21.3	
164 1,3-Diethylbenzene	119	13.286	13.286	0.000	95	272181	20.0	18.6	
165 p-Diethylbenzene	119	13.359	13.359	0.000	93	282737	20.0	18.0	
166 n-Butylbenzene	92	13.378	13.377	0.001	97	238509	20.0	18.9	
167 1,2-Dichlorobenzene	146	13.414	13.414	0.000	97	219920	20.0	18.7	
168 o-diethylbenzene	119	13.432	13.432	0.000	95	223938	20.0	18.4	
170 1,2-Dibromo-3-Chloropropane	75	13.969	13.969	0.000	84	46523	20.0	20.7	
171 1,3,5-Trichlorobenzene	180	14.103	14.097	0.006	97	145797	20.0	17.4	
172 1,2,4-Trichlorobenzene	180	14.536	14.536	0.000	94	139951	20.0	17.5	
174 Hexachlorobutadiene	225	14.627	14.627	0.000	98	48321	20.0	17.2	
175 Naphthalene	128	14.725	14.725	0.000	97	580271	20.0	18.1	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	95	138679	20.0	17.4	
177 2-Methylnaphthalene	142	15.511	15.511	0.000	92	292524	20.0	18.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

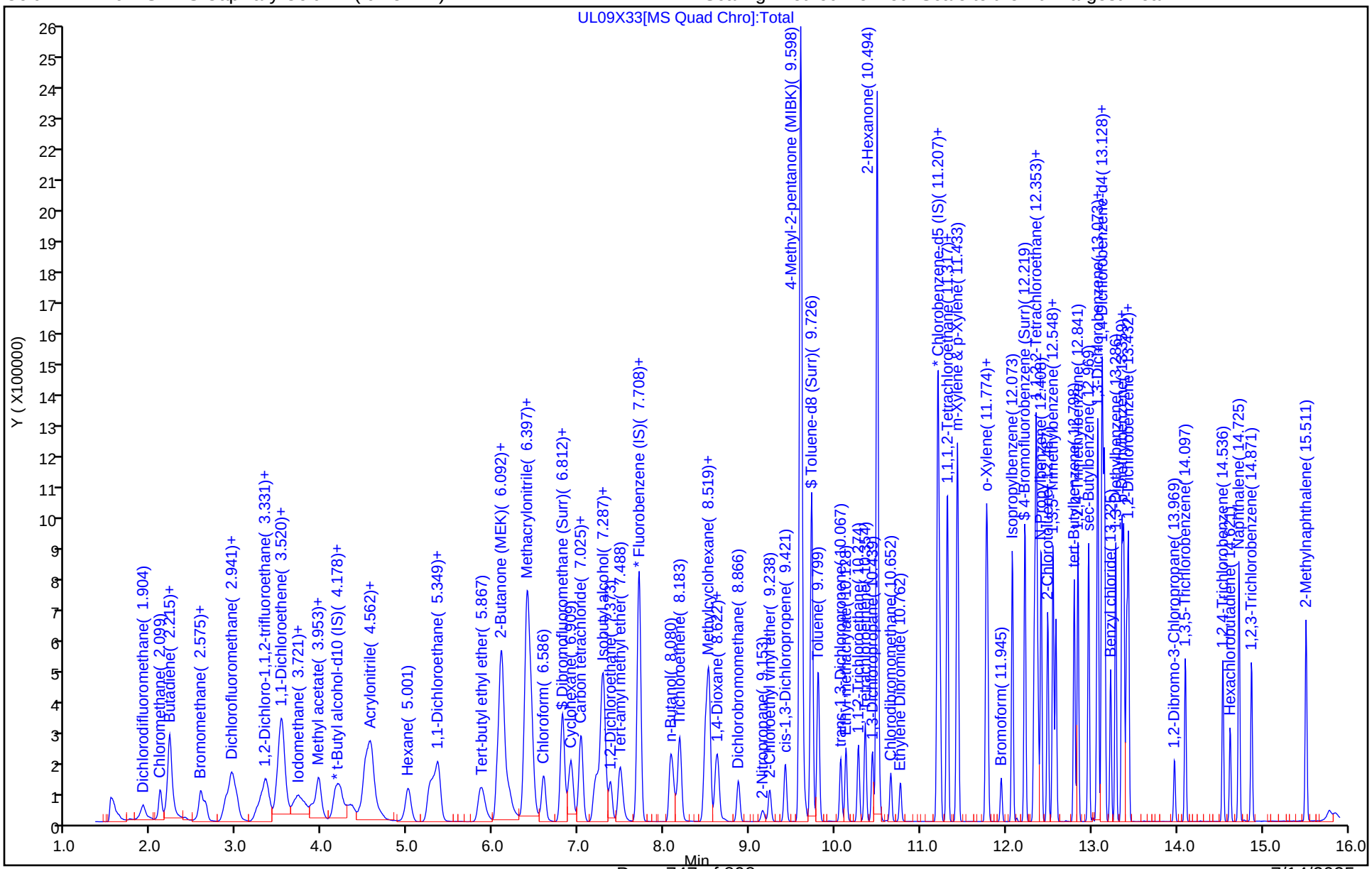
Report Date: 09-Jul-2025 23:35:16 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X33.D

Injection Date:	09-Jul-2025 21:14:20	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSV_8260_5mL_HP34	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\23090\20250709-152932.b\UL09X33.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 09-Jul-2025 21:14:20 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-004
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 21:47:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.9	101.79
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	49.7	99.34
$ 79 Toluene-d8 (Surr)	50.0	50.7	101.41
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.4	100.87

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

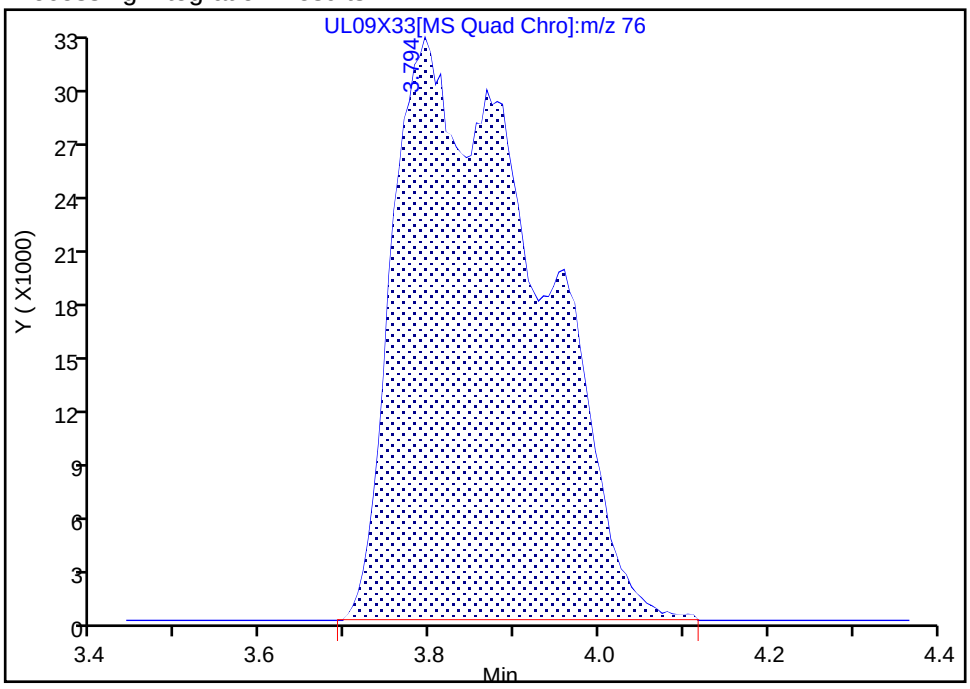
Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X33.D				
Injection Date:	09-Jul-2025 21:14:20	Instrument ID:	23090		
Lims ID:	LCS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Carbon disulfide, CAS: 75-15-0

Signal: 1

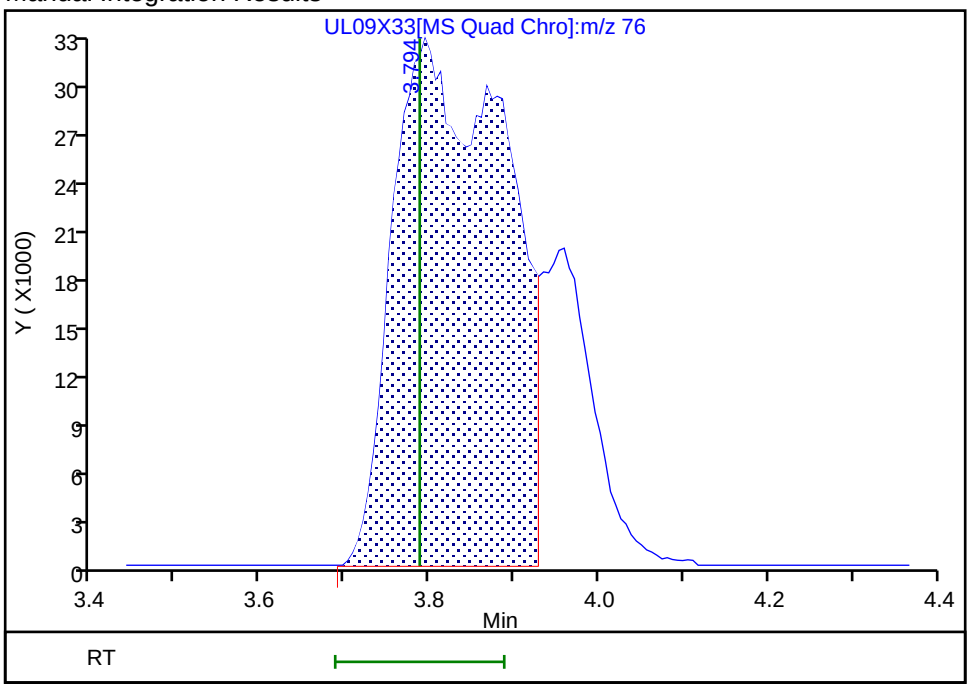
Processing Integration Results

RT: 3.79
Area: 388588
Amount: 23.687492
Amount Units: ug/l



Manual Integration Results

RT: 3.79
Area: 308145
Amount: 18.783859
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 21:46:44 -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

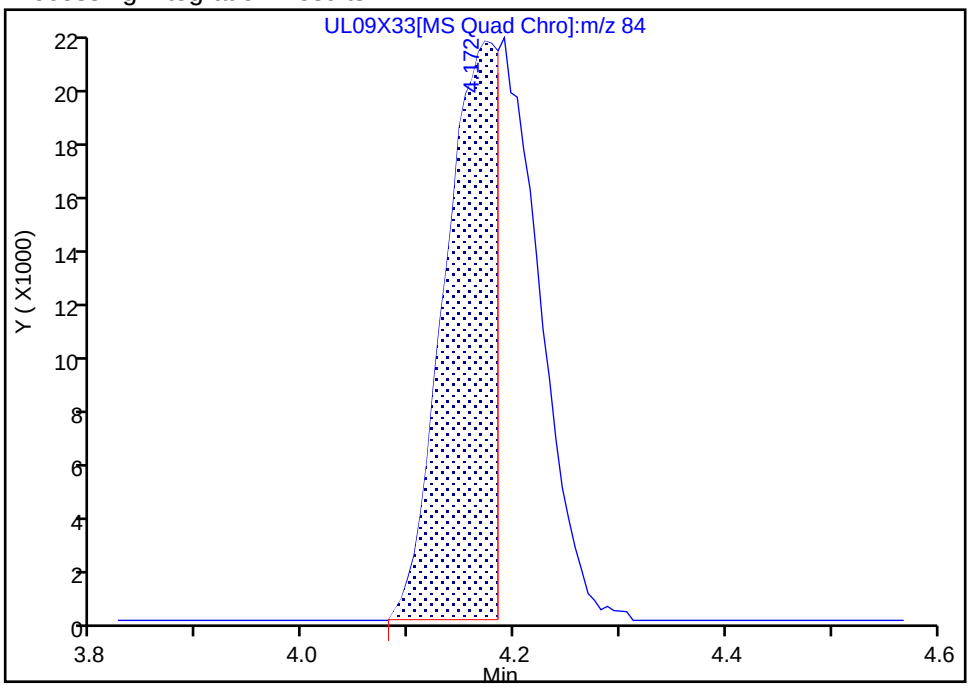
Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X33.D				
Injection Date:	09-Jul-2025 21:14:20	Instrument ID:	23090		
Lims ID:	LCS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

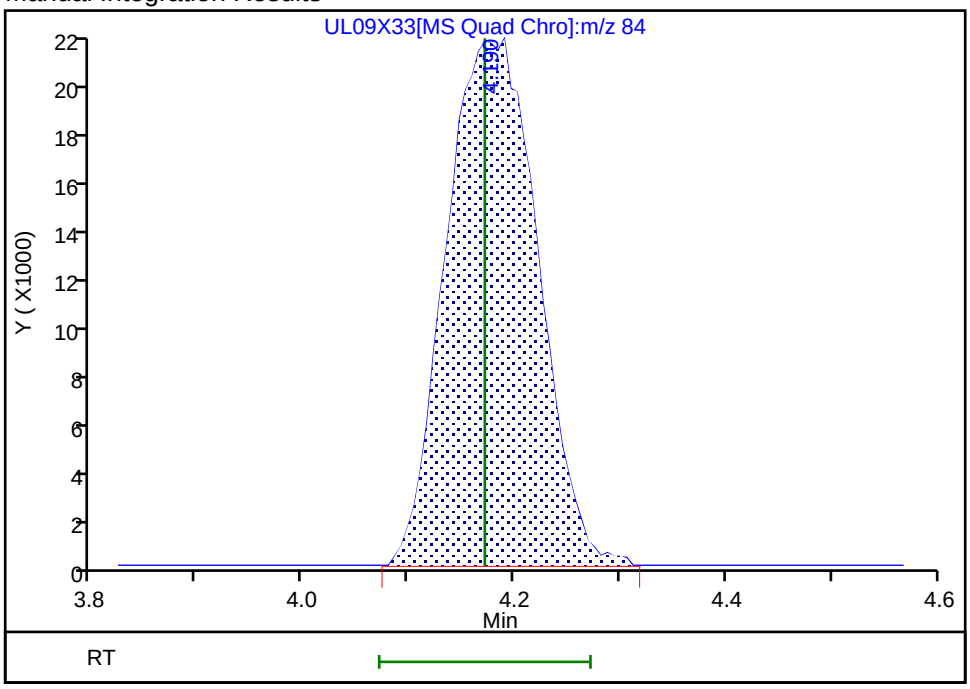
Processing Integration Results

RT: 4.17
Area: 73708
Amount: 11.790838
Amount Units: ug/l



Manual Integration Results

RT: 4.19
Area: 127709
Amount: 20.429210
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 21:47:01 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-669730/4

Matrix: Water
Lab File ID: UL10X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/10/2025 21:37

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

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	19.0		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	19.4		1.0	0.30
75-34-3	1,1-Dichloroethane	20.4		1.0	0.30
75-35-4	1,1-Dichloroethene	19.4		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.3		1.0	0.20
107-06-2	1,2-Dichloroethane	19.4		1.0	0.30
78-87-5	1,2-Dichloropropane	20.1		1.0	0.30
78-93-3	2-Butanone (MEK)	250		10	1.0
591-78-6	2-Hexanone	270		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	254		10	0.50
67-64-1	Acetone	286		20	0.70
71-43-2	Benzene	18.9		1.0	0.30
74-97-5	Bromochloromethane	18.3		5.0	0.20
75-27-4	Bromodichloromethane	20.2		1.0	0.20
75-25-2	Bromoform	20.7		4.0	1.0
74-83-9	Bromomethane	16.8		1.0	0.30
75-15-0	Carbon disulfide	18.3		5.0	0.30
56-23-5	Carbon tetrachloride	20.1		1.0	0.30
108-90-7	Chlorobenzene	18.9		1.0	0.30
75-00-3	Chloroethane	18.8		1.0	0.30
67-66-3	Chloroform	19.4		1.0	0.30
74-87-3	Chloromethane	17.9		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.2		1.0	0.20
124-48-1	Dibromochloromethane	20.4		1.0	0.20
100-41-4	Ethylbenzene	18.5		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.3		1.0	0.20
75-09-2	Methylene Chloride	19.8		1.0	0.30
100-42-5	Styrene	18.1		5.0	0.30
127-18-4	Tetrachloroethene	17.7		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-669730/4

Matrix: Water
Lab File ID: UL10X33.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/10/2025 21:37

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.6		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.6		1.0	0.20
79-01-6	Trichloroethene	18.6		1.0	0.30
75-01-4	Vinyl chloride	17.3		1.0	0.30
1330-20-7	Xylenes, Total	53.7		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)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X33.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Jul-2025 21:37:15 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-004
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 22:14:02

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.904	1.898	0.006	99	153699	20.0	16.5	
4 Chloromethane	50	2.099	2.099	0.000	99	170793	20.0	17.9	
5 Butadiene	39	2.209	2.209	0.000	90	240647	20.0	23.3	
6 Vinyl chloride	62	2.221	2.215	0.006	97	166483	20.0	17.3	
8 Bromomethane	94	2.581	2.575	0.006	90	114530	20.0	16.8	
9 Chloroethane	64	2.630	2.630	0.000	99	103954	20.0	18.8	
10 Dichlorofluoromethane	67	2.922	2.922	0.000	97	265100	20.0	17.7	
11 Pentane	43	2.947	2.947	0.000	96	154114	20.0	16.2	
12 Trichlorofluoromethane	101	2.965	2.965	0.000	93	185383	20.0	16.7	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.294	3.288	0.006	92	137870	20.0	18.9	
16 Acrolein	56	3.343	3.343	0.000	99	322800	146.3	150.7	
18 Acetone	58	3.520	3.507	0.013	100	295778	250.0	285.5	
17 1,1-Dichloroethene	96	3.520	3.520	0.000	97	108716	20.0	19.4	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.532	3.532	0.000	94	107701	20.0	16.7	
21 Isopropyl alcohol	45	3.733	3.690	0.043	95	135147	150.0	132.7	
20 Iodomethane	142	3.709	3.709	0.000	98	168966	20.0	15.5	
22 Carbon disulfide	76	3.782	3.782	0.000	98	306776	20.0	18.3	M
23 Methyl acetate	43	3.928	3.928	0.000	97	158673	20.0	23.0	
25 3-Chloro-1-propene	41	3.959	3.953	0.006	89	152283	20.0	19.7	a
26 Methylene Chloride	84	4.178	4.184	-0.006	91	125896	20.0	19.8	a
* 27 t-Butyl alcohol-d10 (IS)	65	4.203	4.202	0.000	97	353117	250.0	250.0	
28 2-Methyl-2-propanol	59	4.349	4.312	0.037	100	321251	200.0	208.6	
30 Acrylonitrile	53	4.507	4.501	0.006	99	365818	100.0	100.7	
31 trans-1,2-Dichloroethene	96	4.562	4.562	0.000	100	112203	20.0	20.4	
32 Methyl tert-butyl ether	73	4.562	4.574	-0.012	90	308649	20.0	17.3	
33 Hexane	57	5.007	5.001	0.006	91	134073	20.0	17.6	
34 1,1-Dichloroethane	63	5.251	5.245	0.006	96	196145	20.0	20.4	
36 Isopropyl ether	45	5.306	5.306	0.000	97	297854	20.0	18.9	
37 2-Chloro-1,3-butadiene	53	5.361	5.355	0.006	90	148226	20.0	17.8	
38 Tert-butyl ethyl ether	59	5.861	5.855	0.006	97	284000	20.0	17.2	
39 2-Butanone (MEK)	43	6.080	6.080	0.000	99	1232847	250.0	249.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	6.098	6.092	0.006	81	124669	20.0	19.1	
41 2,2-Dichloropropane	77	6.117	6.111	0.006	88	171741	20.0	19.8	
44 Propionitrile	54	6.178	6.178	0.000	99	261206	150.0	161.7	
46 Methacrylonitrile	67	6.397	6.391	0.006	91	532911	150.0	150.0	
47 Chlorobromomethane	128	6.434	6.434	0.000	96	58446	20.0	18.3	
48 Tetrahydrofuran	71	6.452	6.440	0.012	90	147684	100.0	96.3	
49 Chloroform	83	6.592	6.586	0.006	92	189131	20.0	19.4	
$ 50 Dibromofluoromethane (Surr)	113	6.806	6.800	0.006	93	238972	50.0	50.4	
51 1,1,1-Trichloroethane	97	6.812	6.812	0.000	98	168933	20.0	19.0	
52 Cyclohexane	56	6.915	6.903	0.012	89	189987	20.0	17.9	
53 Carbon tetrachloride	117	7.025	7.019	0.006	94	141179	20.0	20.1	
54 1,1-Dichloropropene	75	7.031	7.025	0.006	99	147983	20.0	18.3	
55 Isobutyl alcohol	41	7.208	7.202	0.006	95	228563	500.0	484.3	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	95	63095	50.0	50.5	
57 Benzene	78	7.293	7.293	0.000	96	458600	20.0	18.9	
58 1,2-Dichloroethane	62	7.373	7.373	0.000	97	139078	20.0	19.4	
60 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	284956	20.0	17.6	
* 61 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	983540	50.0	50.0	
62 n-Heptane	43	7.714	7.708	0.006	90	129264	20.0	19.0	
64 n-Butanol	56	8.080	8.074	0.006	87	359038	1000.0	1075.6	
65 Trichloroethene	95	8.183	8.177	0.006	99	111113	20.0	18.6	
67 Methylcyclohexane	83	8.482	8.482	0.000	89	198586	20.0	17.2	
68 1,2-Dichloropropane	63	8.519	8.519	0.000	87	110492	20.0	20.1	
69 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	93	148207	20.0	18.0	
71 1,4-Dioxane	88	8.610	8.604	0.006	36	45296	500.0	523.5	M
70 Methyl methacrylate	69	8.604	8.604	0.000	90	88947	20.0	18.4	
72 Dibromomethane	93	8.635	8.628	0.007	96	69812	20.0	19.4	
74 Dichlorobromomethane	83	8.866	8.866	0.000	99	128694	20.0	20.2	
75 2-Nitropropane	41	9.153	9.147	0.006	98	38431	20.0	20.2	
76 2-Chloroethyl vinyl ether	63	9.232	9.232	0.000	91	64538	20.0	17.7	
77 cis-1,3-Dichloropropene	75	9.415	9.415	0.000	97	150150	20.0	19.2	
78 4-Methyl-2-pentanone (MIBK)	43	9.598	9.592	0.006	95	2273404	250.0	254.4	
$ 79 Toluene-d8 (Surr)	98	9.726	9.720	0.006	93	927763	50.0	50.9	
80 Toluene	92	9.799	9.799	0.000	98	264209	20.0	18.6	
120 trans-1,3-Dichloropropene	75	10.061	10.061	0.000	91	132013	20.0	19.6	
121 Ethyl methacrylate	69	10.128	10.128	0.000	88	145229	20.0	17.9	
122 1,1,2-Trichloroethane	97	10.268	10.268	0.000	90	90951	20.0	19.4	
123 Tetrachloroethene	166	10.354	10.354	0.000	96	104936	20.0	17.7	
124 1,3-Dichloropropane	76	10.433	10.433	0.000	89	152514	20.0	19.5	
126 2-Hexanone	43	10.488	10.488	0.000	95	1619790	250.0	270.0	
128 Chlorodibromomethane	129	10.652	10.646	0.006	89	91539	20.0	20.4	
129 Ethylene Dibromide	107	10.762	10.762	0.000	98	95374	20.0	19.3	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	662846	50.0	50.0	
131 1-Chlorohexane	91	11.207	11.207	0.000	96	137846	20.0	17.6	
132 Chlorobenzene	112	11.226	11.226	0.000	95	289065	20.0	18.9	
134 1,1,1,2-Tetrachloroethane	131	11.311	11.311	0.000	95	104687	20.0	19.9	
135 Ethylbenzene	91	11.311	11.311	0.000	98	524822	20.0	18.5	
136 m-Xylene & p-Xylene	106	11.427	11.427	0.000	100	404719	40.0	36.1	
138 o-Xylene	106	11.768	11.768	0.000	96	202342	20.0	17.6	
139 Styrene	104	11.780	11.780	0.000	95	310363	20.0	18.1	
140 Bromoform	173	11.939	11.939	0.000	95	62185	20.0	20.7	
141 Isopropylbenzene	105	12.073	12.073	0.000	95	549115	20.0	20.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	332269	50.0	50.7	
145 1,1,2,2-Tetrachloroethane	83	12.323	12.323	0.000	94	173076	20.0	20.3	
146 Bromobenzene	156	12.335	12.335	0.000	94	112388	20.0	18.5	
147 trans-1,4-Dichloro-2-butene	53	12.353	12.353	0.000	95	189257	100.0	88.4	
148 1,2,3-Trichloropropane	110	12.372	12.372	0.000	82	53398	20.0	19.5	
149 N-Propylbenzene	91	12.408	12.408	0.000	99	637948	20.0	19.1	
150 2-Chlorotoluene	126	12.487	12.487	0.000	97	123461	20.0	18.5	
151 1,3,5-Trimethylbenzene	105	12.548	12.548	0.000	94	444327	20.0	18.2	
152 4-Chlorotoluene	126	12.579	12.579	0.000	98	118394	20.0	18.8	
154 tert-Butylbenzene	134	12.798	12.798	0.000	92	83248	20.0	17.3	
156 1,2,4-Trimethylbenzene	105	12.841	12.841	0.000	97	452699	20.0	18.4	
157 sec-Butylbenzene	105	12.963	12.963	0.000	94	561544	20.0	18.3	
158 1,3-Dichlorobenzene	146	13.067	13.067	0.000	98	221206	20.0	18.5	
159 4-Isopropyltoluene	119	13.073	13.073	0.000	97	474726	20.0	17.5	
* 160 1,4-Dichlorobenzene-d4	152	13.122	13.121	0.001	95	351670	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.140	13.140	0.000	95	222612	20.0	18.8	
162 1,2,3-Trimethylbenzene	105	13.152	13.152	0.000	98	456254	20.0	18.0	
163 Benzyl chloride	91	13.219	13.219	0.000	98	323868	20.0	21.1	
164 1,3-Diethylbenzene	119	13.280	13.280	0.000	95	274343	20.0	18.1	
165 p-Diethylbenzene	119	13.353	13.353	0.000	94	291572	20.0	18.0	
166 n-Butylbenzene	92	13.371	13.378	-0.007	97	243907	20.0	18.7	
167 1,2-Dichlorobenzene	146	13.408	13.408	0.000	98	223460	20.0	18.5	
168 o-diethylbenzene	119	13.432	13.432	0.000	95	227244	20.0	18.1	
170 1,2-Dibromo-3-Chloropropane	75	13.969	13.969	0.000	85	47306	20.0	20.4	
171 1,3,5-Trichlorobenzene	180	14.097	14.097	0.000	97	151011	20.0	17.5	
172 1,2,4-Trichlorobenzene	180	14.536	14.536	0.000	95	141962	20.0	17.2	
174 Hexachlorobutadiene	225	14.621	14.621	0.000	98	49408	20.0	17.0	
175 Naphthalene	128	14.725	14.725	0.000	97	591518	20.0	17.9	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	96	141574	20.0	17.3	
177 2-Methylnaphthalene	142	15.505	15.505	0.000	92	297581	20.0	18.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

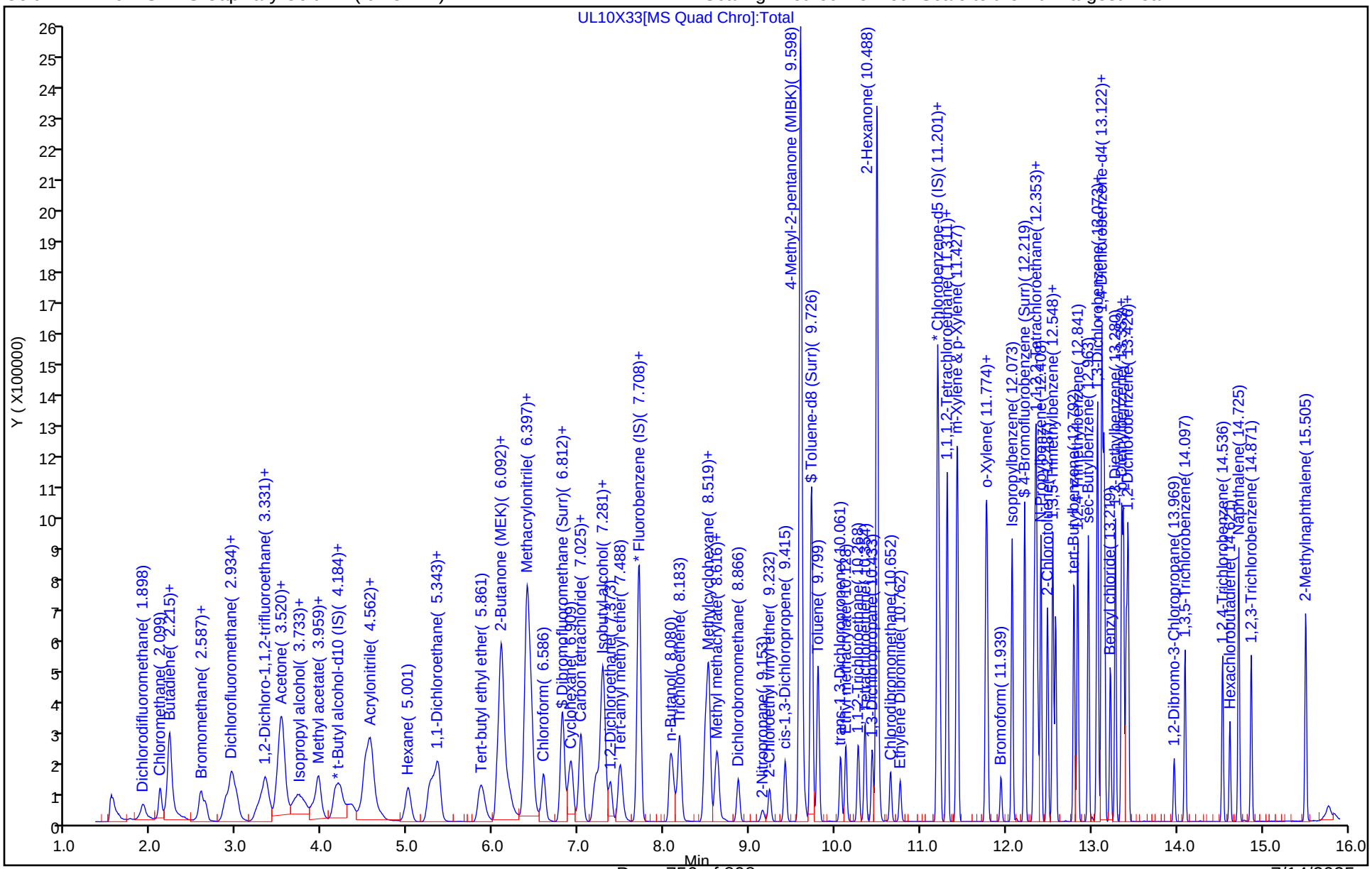
Report Date: 10-Jul-2025 23:38:15 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X33.D

Injection Date:	10-Jul-2025 21:37:15	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	LCS			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	3
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X33.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 10-Jul-2025 21:37:15 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-004
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 22:14:02

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.4	100.79
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	50.5	100.93
$ 79 Toluene-d8 (Surr)	50.0	50.9	101.72
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.7	101.34

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

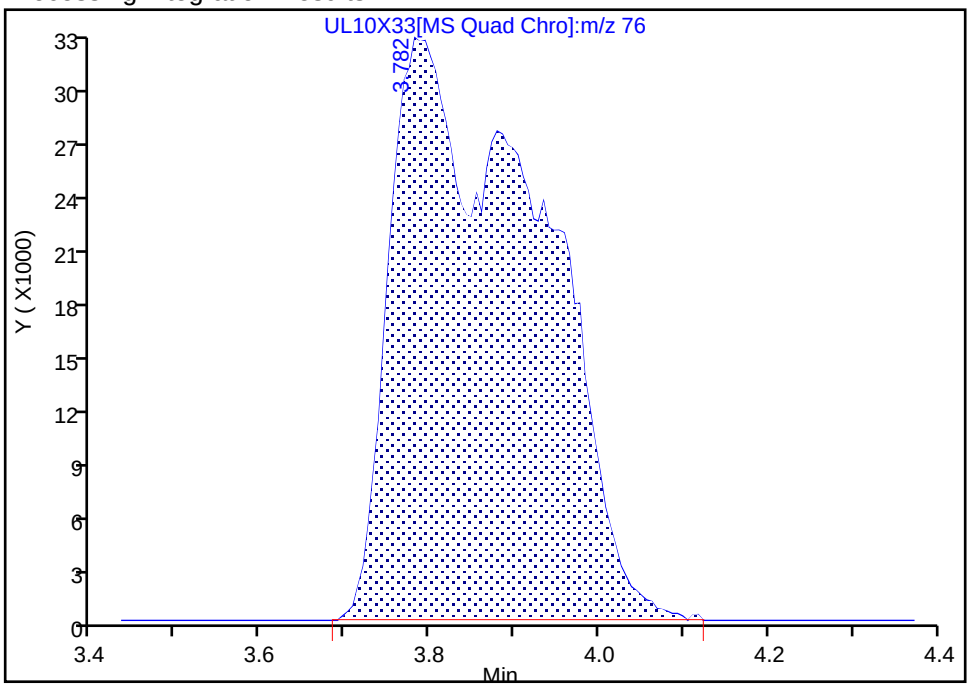
Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X33.D				
Injection Date:	10-Jul-2025 21:37:15	Instrument ID:	23090		
Lims ID:	LCS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	3	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Carbon disulfide, CAS: 75-15-0

Signal: 1

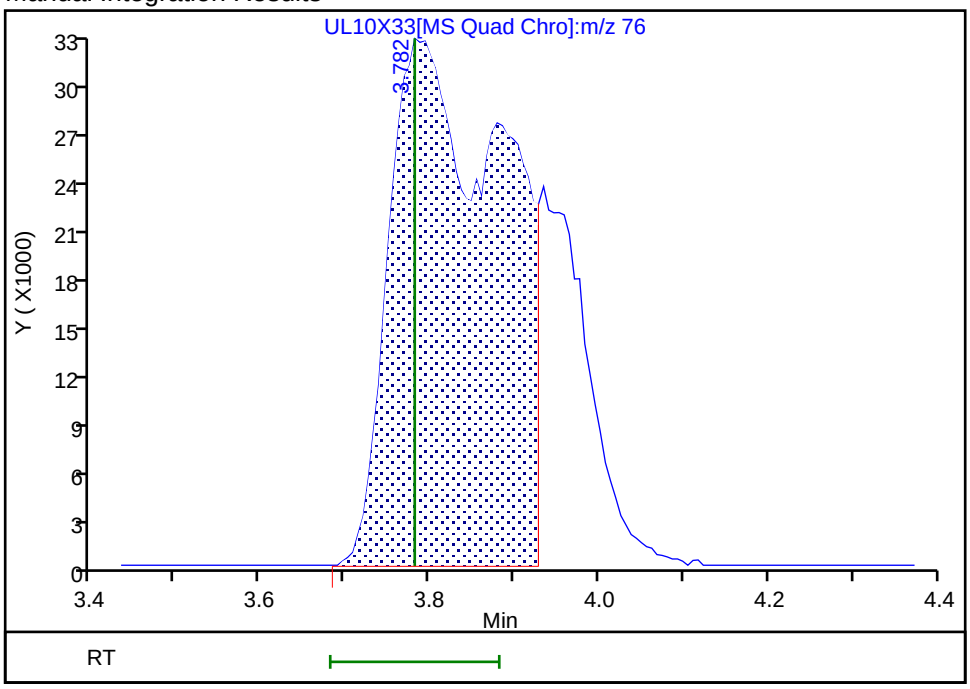
Processing Integration Results

RT: 3.78
Area: 394956
Amount: 23.622377
Amount Units: ug/l



Manual Integration Results

RT: 3.78
Area: 306776
Amount: 18.348318
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 22:13:18 -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

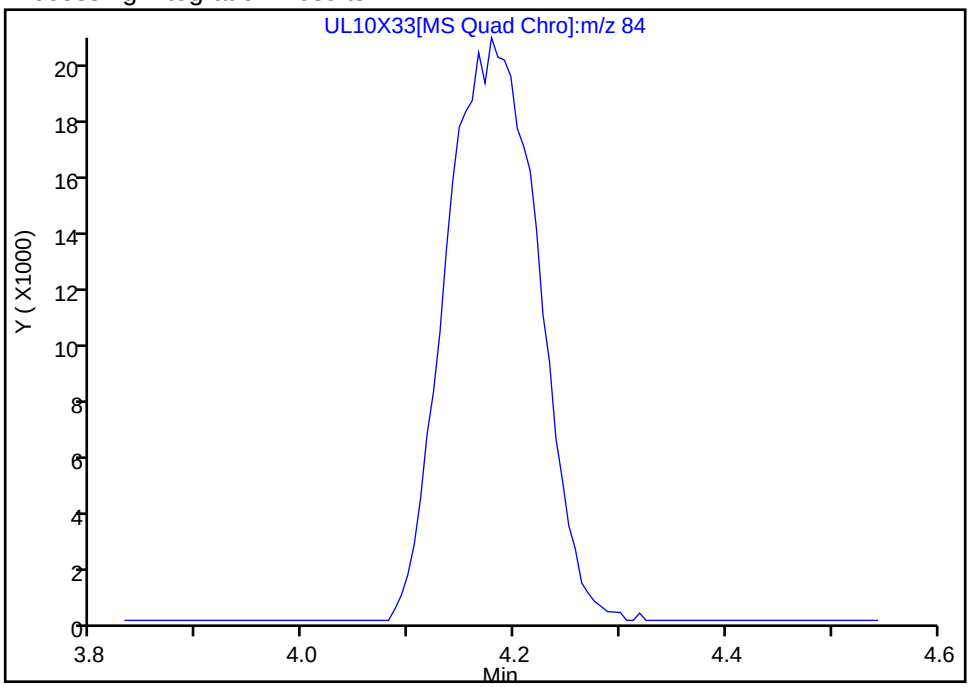
Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X33.D
Injection Date: 10-Jul-2025 21:37:15 Instrument ID: 23090
Lims ID: LCS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

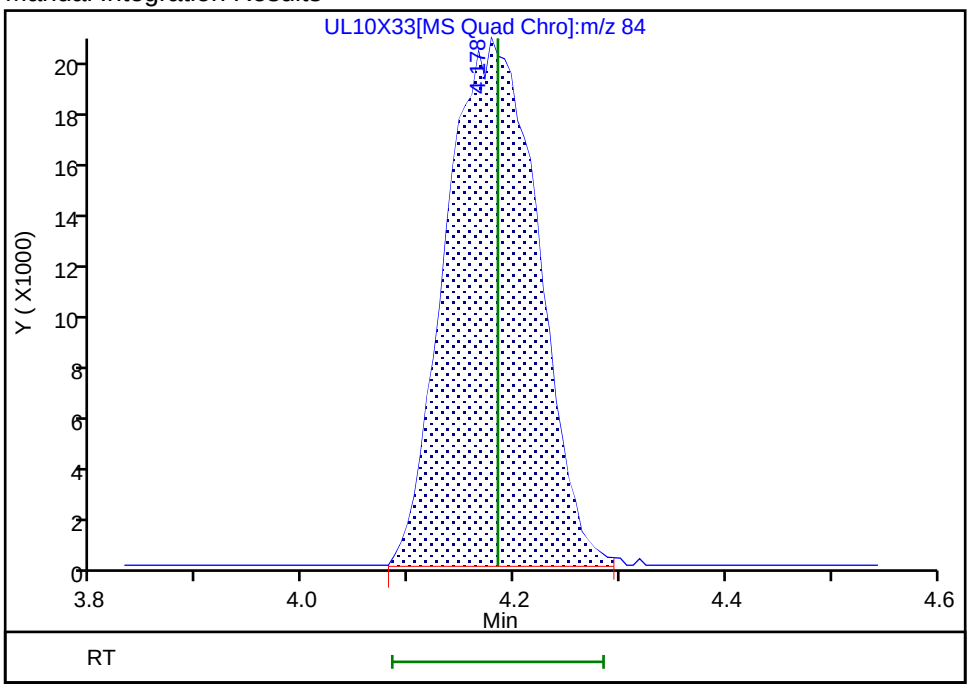
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.18
Area: 125896
Amount: 19.760011
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 22:13:33 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-668460/5

Matrix: Water
Lab File ID: WL08X37.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 23:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	21.1		1.0	0.30
71-55-6	1,1,1-Trichloroethane	20.1		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	19.6		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.7		1.0	0.30
75-34-3	1,1-Dichloroethane	19.8		1.0	0.30
75-35-4	1,1-Dichloroethene	21.8		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.5		1.0	0.20
107-06-2	1,2-Dichloroethane	18.3		1.0	0.30
78-87-5	1,2-Dichloropropane	19.6		1.0	0.30
78-93-3	2-Butanone (MEK)	232		10	1.0
591-78-6	2-Hexanone	247		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	241		10	0.50
67-64-1	Acetone	310		20	0.70
71-43-2	Benzene	19.6		1.0	0.30
74-97-5	Bromochloromethane	19.7		5.0	0.20
75-27-4	Bromodichloromethane	19.6		1.0	0.20
75-25-2	Bromoform	22.0		4.0	1.0
74-83-9	Bromomethane	18.7		1.0	0.30
75-15-0	Carbon disulfide	19.5		5.0	0.30
56-23-5	Carbon tetrachloride	21.0		1.0	0.30
108-90-7	Chlorobenzene	20.2		1.0	0.30
75-00-3	Chloroethane	18.4		1.0	0.30
67-66-3	Chloroform	17.9		1.0	0.30
74-87-3	Chloromethane	18.1		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.6		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.7		1.0	0.20
124-48-1	Dibromochloromethane	21.3		1.0	0.20
100-41-4	Ethylbenzene	20.0		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.1		1.0	0.20
75-09-2	Methylene Chloride	20.2		1.0	0.30
100-42-5	Styrene	20.2		5.0	0.30
127-18-4	Tetrachloroethene	27.0		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-668460/5

Matrix: Water
Lab File ID: WL08X37.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 23:08

Soil Aliquot Vol:
Dilution Factor: 1

Soil Extract Vol.:
GC Column: R-624SilMS 30m ID: 0.25(mm)

Purge Volume: 5.0(mL)
Heated Purge: (Y/N) N pH:

% Moisture: % Solids:
Level: (low/med) Low

Analysis Batch No.: 668460
Units: ug/L

Preparation Batch No.:
Instrument ID: 9137

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.3		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.9		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.5		1.0	0.20
79-01-6	Trichloroethene	19.4		1.0	0.30
75-01-4	Vinyl chloride	17.8		1.0	0.30
1330-20-7	Xylenes, Total	60.8		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)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	100		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\9137\20250708-152802.b\WL08X37.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Jul-2025 23:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-005
Misc. Info.: LCSD
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:52:19 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 08-Jul-2025 23:38:30

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.976	1.969	0.007	100	137362	20.0	15.5	
7 Chloromethane	50	2.175	2.175	0.000	100	173589	20.0	18.1	
8 Butadiene	39	2.293	2.293	0.000	91	187753	20.0	19.1	
9 Vinyl chloride	62	2.290	2.293	-0.003	98	167583	20.0	17.8	
11 Bromomethane	94	2.653	2.649	0.004	91	116976	20.0	18.7	
13 Chloroethane	64	2.723	2.720	0.003	99	92223	20.0	18.4	
14 Dichlorofluoromethane	67	2.987	2.986	0.001	98	251328	20.0	17.9	
15 Trichlorofluoromethane	101	3.051	3.047	0.004	96	181021	20.0	17.2	
16 Pentane	43	3.060	3.057	0.003	98	124696	20.0	15.5	
19 1,2-Dichloro-1,1,2-trifluoroetha	67	3.381	3.384	-0.003	92	123900	20.0	18.4	
20 Acrolein	56	3.455	3.455	0.000	100	243974	146.3	172.8	
21 1,1-Dichloroethene	96	3.599	3.606	-0.007	96	99098	20.0	21.8	
22 Acetone	58	3.622	3.628	-0.006	100	223075	250.0	309.7	
23 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.638	3.635	0.003	83	94177	20.0	17.9	
25 Isopropyl alcohol	45	3.779	3.785	-0.006	34	78550	150.0	97.8	
26 Iodomethane	142	3.811	3.808	0.003	96	168988	20.0	19.2	
27 Carbon disulfide	76	3.952	3.946	0.006	98	324082	20.0	19.5	M
28 Methyl acetate	43	4.045	4.052	-0.007	96	119616	20.0	19.6	M
30 3-Chloro-1-propene	41	4.078	4.077	0.001	94	125812	20.0	17.9	
* 35 t-Butyl alcohol-d10 (IS)	65	4.289	4.273	0.016	92	235120	250.0	250.0	
34 Methylene Chloride	84	4.283	4.280	0.003	90	104244	20.0	20.2	
36 2-Methyl-2-propanol	59	4.421	4.446	-0.025	98	176567	200.0	164.6	
37 Acrylonitrile	53	4.623	4.623	0.000	100	304592	100.0	94.8	
39 Methyl tert-butyl ether	73	4.678	4.674	0.004	90	273444	20.0	17.1	
38 trans-1,2-Dichloroethene	96	4.697	4.690	0.007	99	89034	20.0	20.9	
40 Hexane	57	5.124	5.120	0.004	92	87907	20.0	17.1	
41 1,1-Dichloroethane	63	5.358	5.361	-0.003	96	151869	20.0	19.8	
43 Isopropyl ether	45	5.422	5.422	0.000	97	267785	20.0	18.2	
44 2-Chloro-1,3-butadiene	53	5.470	5.470	0.000	90	121602	20.0	17.4	
45 Tert-butyl ethyl ether	59	5.961	5.967	-0.006	98	252150	20.0	16.4	
47 2-Butanone (MEK)	43	6.163	6.163	0.000	100	992485	250.0	232.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
48 cis-1,2-Dichloroethene	96	6.199	6.202	-0.003	80	96336	20.0	19.6	
49 2,2-Dichloropropane	77	6.228	6.218	0.010	87	137993	20.0	17.7	
51 Propionitrile	54	6.279	6.263	0.016	88	210892	150.0	188.9	
52 Methyl acrylate	55	6.292	6.298	-0.006	94	153101	20.0	20.3	
54 Methacrylonitrile	67	6.484	6.478	0.006	90	421355	150.0	140.6	
55 Chlorobromomethane	128	6.539	6.532	0.007	84	46472	20.0	19.7	
56 Tetrahydrofuran	71	6.539	6.551	-0.012	80	108320	100.0	114.2	
57 Chloroform	83	6.690	6.689	0.001	94	143556	20.0	17.9	
$ 58 Dibromofluoromethane (Surr)	113	6.908	6.904	0.004	93	193520	50.0	49.8	
59 1,1,1-Trichloroethane	97	6.917	6.920	-0.003	98	152250	20.0	20.1	
60 Cyclohexane	56	7.017	7.010	0.007	91	159188	20.0	18.1	
61 1,1-Dichloropropene	75	7.129	7.123	0.006	94	118693	20.0	18.4	
62 Carbon tetrachloride	117	7.129	7.126	0.003	89	126479	20.0	21.0	
65 Isobutyl alcohol	41	7.283	7.286	-0.003	95	165414	500.0	474.1	
$ 66 1,2-Dichloroethane-d4 (Surr)	102	7.367	7.357	0.010	91	50477	50.0	51.2	
67 Benzene	78	7.396	7.395	0.001	97	367352	20.0	19.6	
68 1,2-Dichloroethane	62	7.466	7.466	0.000	97	106230	20.0	18.3	
71 Tert-amyl methyl ether	73	7.588	7.582	0.006	98	254556	20.0	17.3	
* 74 Fluorobenzene (IS)	96	7.797	7.797	0.000	98	824139	50.0	50.0	
75 n-Heptane	43	7.803	7.813	-0.010	44	81631	20.0	17.3	
76 n-Butanol	56	8.172	8.169	0.003	89	253202	1000.0	964.7	
77 Trichloroethene	95	8.281	8.278	0.003	96	90539	20.0	19.4	
78 Ethyl acrylate	55	8.390	8.390	0.000	99	143326	20.0	18.4	
79 Methylcyclohexane	83	8.589	8.583	0.006	94	132359	20.0	17.6	
80 1,2-Dichloropropane	63	8.618	8.618	0.000	81	92466	20.0	19.6	
81 2-ethoxy-2-methyl butane	87	8.625	8.621	0.004	93	119803	20.0	17.3	
82 Methyl methacrylate	69	8.695	8.695	0.000	93	77693	20.0	18.1	
83 1,4-Dioxane	88	8.695	8.711	-0.016	43	37045	500.0	546.0	M
84 Dibromomethane	93	8.721	8.730	-0.009	97	56992	20.0	19.2	
86 Dichlorobromomethane	83	8.962	8.965	-0.003	100	101813	20.0	19.6	
87 2-Nitropropane	41	9.238	9.241	-0.003	98	28579	20.0	19.1	
88 2-Chloroethyl vinyl ether	63	9.327	9.324	0.003	91	58765	20.0	17.4	
92 cis-1,3-Dichloropropene	75	9.504	9.510	-0.006	97	120481	20.0	17.7	
93 4-Methyl-2-pentanone (MIBK)	43	9.680	9.680	0.000	96	2009830	250.0	241.0	
$ 95 Toluene-d8 (Surr)	98	9.812	9.809	0.004	93	801305	50.0	50.4	
98 Toluene	92	9.889	9.886	0.003	98	227466	20.0	20.3	
125 trans-1,3-Dichloropropene	75	10.142	10.145	-0.003	92	109568	20.0	18.5	
126 Ethyl methacrylate	69	10.200	10.203	-0.003	89	129343	20.0	16.9	
129 1,1,2-Trichloroethane	97	10.345	10.348	-0.003	91	80595	20.0	19.7	
130 Tetrachloroethene	166	10.431	10.431	0.000	97	120394	20.0	27.0	
131 1,3-Dichloropropane	76	10.511	10.511	0.000	90	129363	20.0	18.9	
134 2-Hexanone	43	10.563	10.559	0.004	96	1394803	250.0	246.7	
136 Chlorodibromomethane	129	10.720	10.723	-0.003	90	83486	20.0	21.3	
137 Ethylene Dibromide	107	10.832	10.832	0.000	98	84224	20.0	19.5	
* 139 Chlorobenzene-d5 (IS)	117	11.259	11.259	0.000	85	596953	50.0	50.0	
140 1-Chlorohexane	91	11.269	11.269	0.000	97	110315	20.0	19.2	
141 Chlorobenzene	112	11.288	11.288	0.000	95	237230	20.0	20.2	
142 1,1,1,2-Tetrachloroethane	131	11.368	11.368	0.000	94	94008	20.0	21.1	
143 Ethylbenzene	91	11.375	11.371	0.004	98	442411	20.0	20.0	
144 m-Xylene & p-Xylene	106	11.484	11.487	-0.003	100	339468	40.0	40.4	
145 n-Butyl acrylate	55	11.763	11.763	0.000	97	183875	20.0	17.2	
146 o-Xylene	106	11.814	11.817	-0.003	96	180986	20.0	20.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
147 Styrene	104	11.830	11.830	0.000	94	269332	20.0	20.2	
148 Bromoform	173	11.988	11.987	0.001	97	63478	20.0	22.0	
149 Isopropylbenzene	105	12.116	12.116	0.000	95	465455	20.0	23.1	
$ 152 4-Bromofluorobenzene (Surr)	95	12.260	12.260	0.000	91	287047	50.0	48.0	
153 1,1,2,2-Tetrachloroethane	83	12.360	12.363	-0.003	94	163857	20.0	19.6	
154 Bromobenzene	156	12.376	12.376	0.000	95	107470	20.0	20.5	
155 trans-1,4-Dichloro-2-butene	53	12.389	12.385	0.004	93	194693	100.0	81.9	
156 1,2,3-Trichloropropane	110	12.408	12.408	0.000	83	48921	20.0	19.0	
157 N-Propylbenzene	91	12.443	12.443	0.000	99	514096	20.0	20.3	
158 2-Chlorotoluene	126	12.523	12.520	0.003	97	106569	20.0	20.2	
159 1,3,5-Trimethylbenzene	105	12.578	12.578	0.000	94	374286	20.0	19.7	
160 4-Chlorotoluene	126	12.613	12.613	0.000	97	99698	20.0	20.1	
161 tert-Butylbenzene	134	12.822	12.822	0.000	93	69805	20.0	20.1	
163 1,2,4-Trimethylbenzene	105	12.864	12.863	0.001	97	377535	20.0	18.7	
164 sec-Butylbenzene	105	12.986	12.985	0.001	94	447518	20.0	19.9	
165 1,3-Dichlorobenzene	146	13.085	13.085	0.000	98	203639	20.0	21.0	
166 4-Isopropyltoluene	119	13.091	13.091	0.000	97	379012	20.0	19.5	
* 167 1,4-Dichlorobenzene-d4	152	13.140	13.139	0.001	95	340735	50.0	50.0	
168 1,4-Dichlorobenzene	146	13.156	13.155	0.001	96	205785	20.0	20.8	
169 1,2,3-Trimethylbenzene	105	13.168	13.165	0.003	97	396026	20.0	18.2	
171 Benzyl chloride	91	13.233	13.232	0.001	98	279017	20.0	18.2	
172 1,3-Diethylbenzene	119	13.290	13.290	0.000	95	223315	20.0	19.9	
173 p-Diethylbenzene	119	13.361	13.364	-0.003	95	231607	20.0	18.3	
174 n-Butylbenzene	92	13.383	13.383	0.000	97	184829	20.0	19.8	
175 1,2-Dichlorobenzene	146	13.419	13.419	0.000	98	215276	20.0	20.6	
176 o-diethylbenzene	119	13.435	13.438	-0.003	94	195287	20.0	19.9	
178 1,2-Dibromo-3-Chloropropane	75	13.958	13.961	-0.003	87	42115	20.0	16.4	
179 1,3,5-Trichlorobenzene	180	14.083	14.083	0.000	97	145184	20.0	20.7	
180 1,2,4-Trichlorobenzene	180	14.510	14.510	0.000	94	146774	20.0	20.7	
181 2-Ethylhexyl acrylate	55	14.568	14.564	0.004	82	113250	20.1	14.3	
182 Hexachlorobutadiene	225	14.593	14.590	0.003	95	53497	20.0	21.9	
183 Naphthalene	128	14.693	14.692	0.001	97	594634	20.0	17.8	
184 1,2,3-Trichlorobenzene	180	14.837	14.837	0.000	96	146307	20.0	20.1	
185 2-Methylnaphthalene	142	15.469	15.472	-0.003	92	269380	20.0	19.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_OH_Sp_00030	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

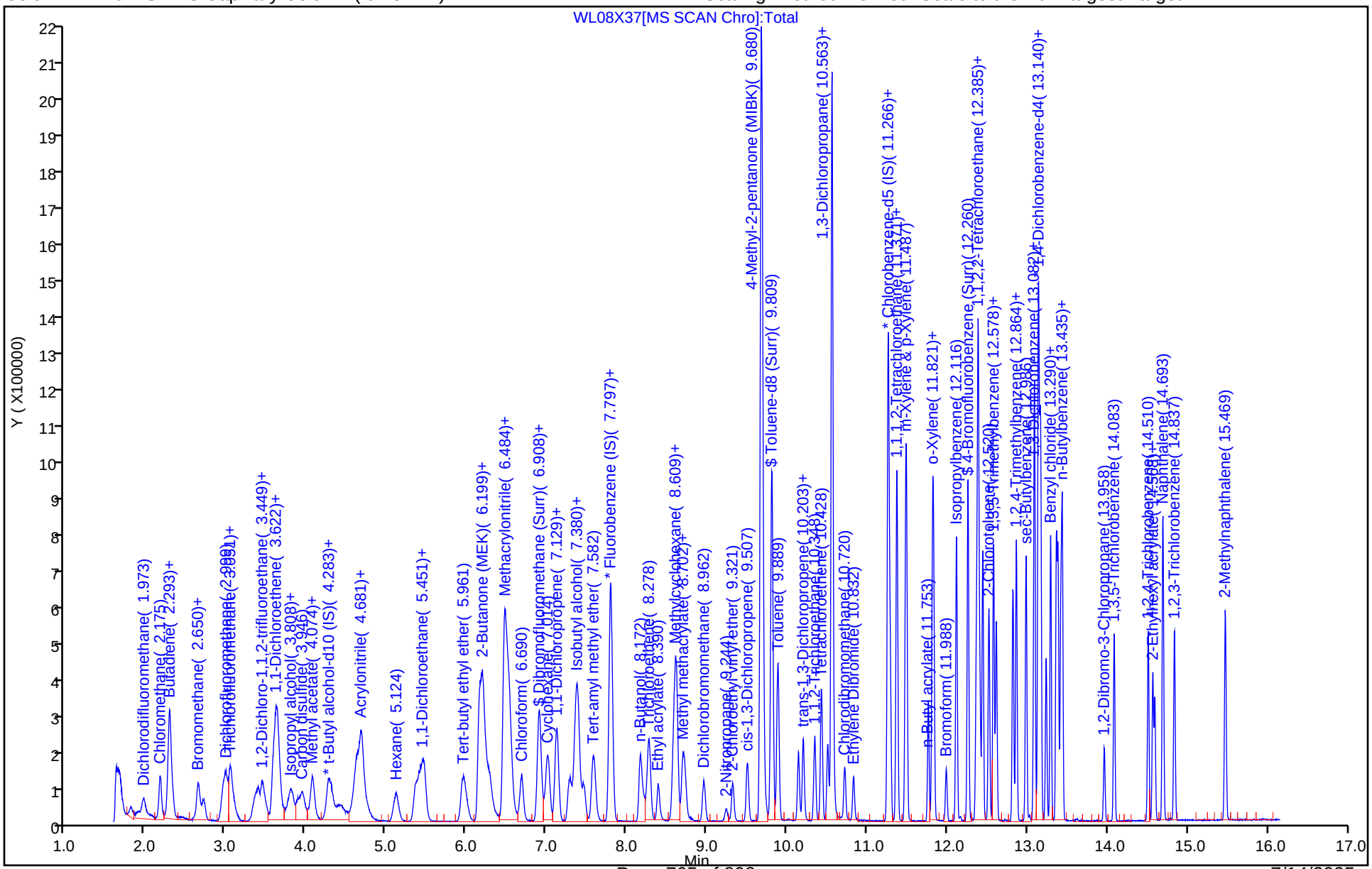
Report Date: 09-Jul-2025 02:52:41 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X37.D

Injection Date:	08-Jul-2025 23:08:30	Instrument ID:	9137	Operator ID:	AGD105956
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 1



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X37.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 08-Jul-2025 23:08:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152802-005
Misc. Info.: LCSD
Operator ID: AGD105956 Instrument ID: 9137

Method: \\chromfs\Lancaster\ChromData\9137\20250708-152802.b\MSVoa_9137.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 02:52:19 Calib Date: 23-Jun-2025 21:02:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9137\20250623-151197.b\WU23X17.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1637

First Level Reviewer: Z6YX Date: 08-Jul-2025 23:38:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 58 Dibromofluoromethane (Surr)	50.0	49.8	99.65
$ 66 1,2-Dichloroethane-d4 (Surr)	50.0	51.2	102.42
$ 95 Toluene-d8 (Surr)	50.0	50.4	100.70
$ 152 4-Bromofluorobenzene (Surr)	50.0	48.0	96.09

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

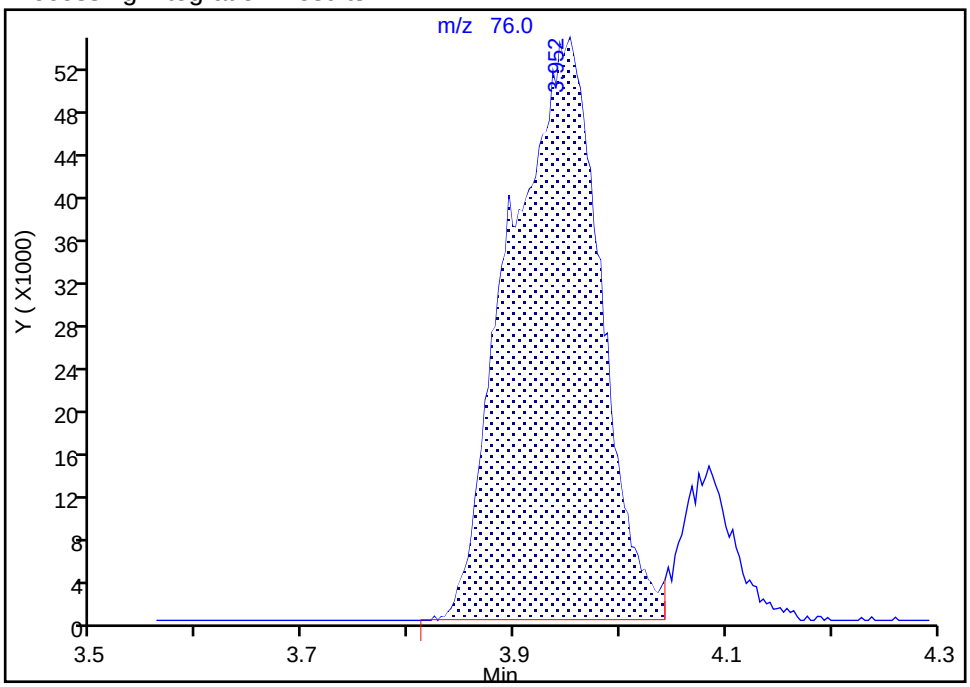
Data File:	\\chromfs\Lancaster\ChromData\9137\20250708-152802.b\WL08X37.D				
Injection Date:	08-Jul-2025 23:08:30	Instrument ID:	9137		
Lims ID:	LCSD				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9137	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

27 Carbon disulfide, CAS: 75-15-0

Signal: 1

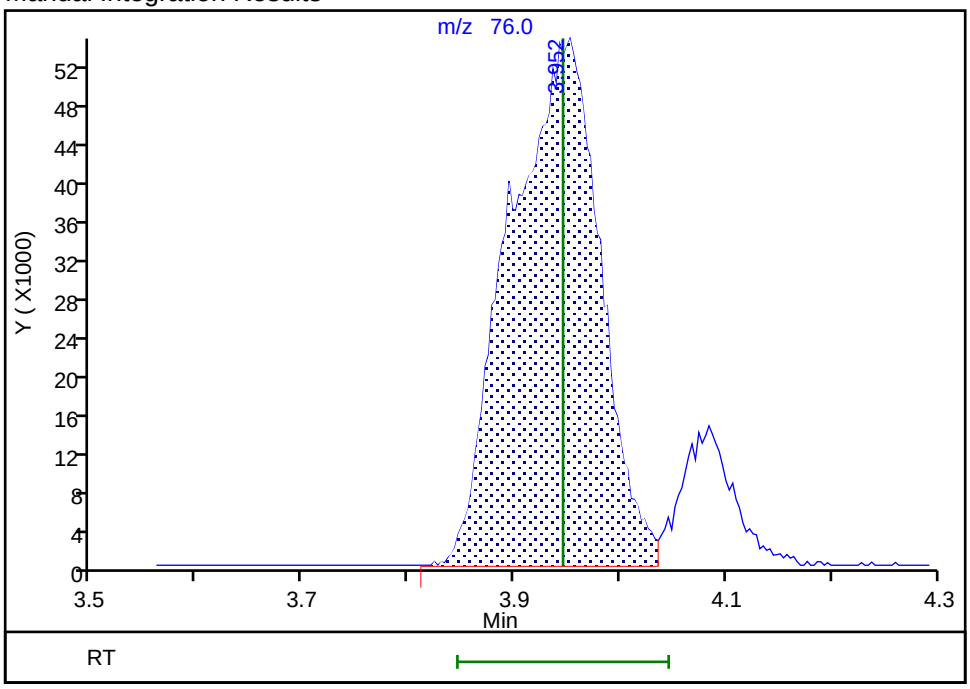
Processing Integration Results

RT: 3.95
Area: 325407
Amount: 19.530315
Amount Units: ug/l



Manual Integration Results

RT: 3.95
Area: 324082
Amount: 19.450791
Amount Units: ug/l



Reviewer: Z6YX, 08-Jul-2025 23:35:41 -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.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-669131/5

Matrix: Water
Lab File ID: UL09X34.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 21:35

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.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	19.7		1.0	0.30
71-55-6	1,1,1-Trichloroethane	19.2		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.5		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.4		1.0	0.30
75-34-3	1,1-Dichloroethane	20.3		1.0	0.30
75-35-4	1,1-Dichloroethene	19.9		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.2		1.0	0.20
107-06-2	1,2-Dichloroethane	19.6		1.0	0.30
78-87-5	1,2-Dichloropropane	19.9		1.0	0.30
78-93-3	2-Butanone (MEK)	250		10	1.0
591-78-6	2-Hexanone	272		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	255		10	0.50
67-64-1	Acetone	282		20	0.70
71-43-2	Benzene	18.9		1.0	0.30
74-97-5	Bromochloromethane	18.5		5.0	0.20
75-27-4	Bromodichloromethane	20.1		1.0	0.20
75-25-2	Bromoform	20.9		4.0	1.0
74-83-9	Bromomethane	17.5		1.0	0.30
75-15-0	Carbon disulfide	18.2		5.0	0.30
56-23-5	Carbon tetrachloride	20.2		1.0	0.30
108-90-7	Chlorobenzene	19.0		1.0	0.30
75-00-3	Chloroethane	19.3		1.0	0.30
67-66-3	Chloroform	19.5		1.0	0.30
74-87-3	Chloromethane	17.1		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.1		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.0		1.0	0.20
124-48-1	Dibromochloromethane	20.0		1.0	0.20
100-41-4	Ethylbenzene	18.6		1.0	0.40
1634-04-4	Methyl tert-butyl ether	17.2		1.0	0.20
75-09-2	Methylene Chloride	20.3		1.0	0.30
100-42-5	Styrene	18.2		5.0	0.30
127-18-4	Tetrachloroethene	17.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-669131/5

Matrix: Water
Lab File ID: UL09X34.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/09/2025 21:35

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.: 669131
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.9		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.2		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.8		1.0	0.20
79-01-6	Trichloroethene	18.6		1.0	0.30
75-01-4	Vinyl chloride	17.5		1.0	0.30
1330-20-7	Xylenes, Total	54.0		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)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X34.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Jul-2025 21:35:11 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-005
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 22:29:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.898	1.898	0.000	99	141980	20.0	15.2	
4 Chloromethane	50	2.099	2.099	0.000	99	163541	20.0	17.1	
5 Butadiene	39	2.209	2.209	0.000	92	228951	20.0	22.2	
6 Vinyl chloride	62	2.215	2.215	0.000	98	168866	20.0	17.5	
8 Bromomethane	94	2.569	2.575	-0.006	90	119037	20.0	17.5	
9 Chloroethane	64	2.630	2.629	0.001	100	106810	20.0	19.3	
10 Dichlorofluoromethane	67	2.916	2.910	0.006	97	266089	20.0	17.8	
11 Pentane	43	2.940	2.946	-0.006	98	155261	20.0	16.3	
12 Trichlorofluoromethane	101	2.965	2.971	-0.006	94	192457	20.0	17.3	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.288	3.288	0.000	92	135810	20.0	18.7	
16 Acrolein	56	3.343	3.343	0.000	99	325400	146.3	155.7	
17 1,1-Dichloroethene	96	3.514	3.501	0.013	92	111725	20.0	19.9	
18 Acetone	58	3.507	3.513	-0.006	100	285450	250.0	282.5	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.544	3.532	0.012	93	108385	20.0	16.8	
20 Iodomethane	142	3.715	3.708	0.007	98	173374	20.0	15.9	
21 Isopropyl alcohol	45	3.715	3.727	-0.012	37	102933	150.0	103.6	
22 Carbon disulfide	76	3.867	3.788	0.079	99	303682	20.0	18.2	M
23 Methyl acetate	43	3.928	3.934	-0.006	98	159037	20.0	23.0	M
25 3-Chloro-1-propene	41	3.959	3.952	0.007	88	147960	20.0	19.1	a
26 Methylene Chloride	84	4.166	4.172	-0.006	90	129138	20.0	20.3	Ma
* 27 t-Butyl alcohol-d10 (IS)	65	4.190	4.202	-0.012	98	344507	250.0	250.0	
28 2-Methyl-2-propanol	59	4.312	4.300	0.012	100	316193	200.0	210.4	
30 Acrylonitrile	53	4.495	4.507	-0.012	100	375246	100.0	103.3	
31 trans-1,2-Dichloroethene	96	4.556	4.562	-0.006	100	111050	20.0	20.2	
32 Methyl tert-butyl ether	73	4.568	4.568	0.000	95	306254	20.0	17.2	
33 Hexane	57	4.995	5.001	-0.006	90	133720	20.0	17.5	
34 1,1-Dichloroethane	63	5.245	5.251	-0.006	96	194948	20.0	20.3	
36 Isopropyl ether	45	5.312	5.318	-0.006	94	299204	20.0	19.0	
37 2-Chloro-1,3-butadiene	53	5.355	5.354	0.001	90	149142	20.0	17.9	
38 Tert-butyl ethyl ether	59	5.861	5.860	0.001	97	279854	20.0	17.0	
39 2-Butanone (MEK)	43	6.080	6.080	0.000	99	1234354	250.0	250.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	6.092	6.098	-0.006	81	125011	20.0	19.1	
41 2,2-Dichloropropane	77	6.111	6.117	-0.006	86	171018	20.0	19.7	
44 Propionitrile	54	6.184	6.178	0.006	99	265294	150.0	168.3	
46 Methacrylonitrile	67	6.391	6.397	-0.006	90	540853	150.0	152.2	
47 Chlorobromomethane	128	6.428	6.434	-0.006	95	59070	20.0	18.5	
48 Tetrahydrofuran	71	6.446	6.446	0.000	88	146967	100.0	98.3	
49 Chloroform	83	6.586	6.586	0.000	92	190559	20.0	19.5	
$ 50 Dibromofluoromethane (Surr)	113	6.806	6.805	0.001	93	238275	50.0	50.3	
51 1,1,1-Trichloroethane	97	6.818	6.812	0.006	98	170072	20.0	19.2	
52 Cyclohexane	56	6.903	6.903	0.000	89	193453	20.0	18.2	
53 Carbon tetrachloride	117	7.025	7.025	0.000	94	141512	20.0	20.2	
54 1,1-Dichloropropene	75	7.025	7.025	0.000	98	148148	20.0	18.3	
55 Isobutyl alcohol	41	7.208	7.208	0.000	95	204279	500.0	443.6	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.263	7.269	-0.006	94	62349	50.0	49.9	
57 Benzene	78	7.293	7.293	0.000	97	458878	20.0	18.9	
58 1,2-Dichloroethane	62	7.373	7.372	0.001	98	140573	20.0	19.6	
60 Tert-amyl methyl ether	73	7.482	7.482	0.000	99	282937	20.0	17.5	
* 61 Fluorobenzene (IS)	96	7.702	7.702	0.000	99	983406	50.0	50.0	
62 n-Heptane	43	7.714	7.714	0.000	91	123984	20.0	18.3	
64 n-Butanol	56	8.080	8.086	-0.006	87	356028	1000.0	1093.2	
65 Trichloroethene	95	8.177	8.177	0.000	99	111606	20.0	18.6	
67 Methylcyclohexane	83	8.482	8.482	0.000	90	197473	20.0	17.1	
68 1,2-Dichloropropane	63	8.519	8.525	-0.006	77	109413	20.0	19.9	
69 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	93	147101	20.0	17.9	
71 1,4-Dioxane	88	8.604	8.604	0.000	36	45734	500.0	541.8	M
70 Methyl methacrylate	69	8.604	8.610	-0.006	89	89166	20.0	18.4	
72 Dibromomethane	93	8.628	8.628	0.000	96	70322	20.0	19.5	
74 Dichlorobromomethane	83	8.866	8.866	0.000	100	128240	20.0	20.1	
75 2-Nitropropane	41	9.147	9.153	-0.006	99	35228	20.0	18.9	
76 2-Chloroethyl vinyl ether	63	9.232	9.238	-0.006	91	65228	20.0	17.9	
77 cis-1,3-Dichloropropene	75	9.415	9.421	-0.006	97	148215	20.0	19.0	
78 4-Methyl-2-pentanone (MIBK)	43	9.598	9.598	0.000	95	2277747	250.0	254.9	
$ 79 Toluene-d8 (Surr)	98	9.726	9.726	0.000	93	919630	50.0	50.9	
80 Toluene	92	9.799	9.805	-0.006	98	266114	20.0	18.9	
120 trans-1,3-Dichloropropene	75	10.061	10.067	-0.006	91	131688	20.0	19.8	
121 Ethyl methacrylate	69	10.128	10.128	0.000	88	146051	20.0	18.2	
122 1,1,2-Trichloroethane	97	10.274	10.274	0.000	90	90231	20.0	19.4	
123 Tetrachloroethene	166	10.354	10.354	0.000	96	103627	20.0	17.6	
124 1,3-Dichloropropane	76	10.433	10.439	-0.006	88	154556	20.0	19.9	
126 2-Hexanone	43	10.494	10.494	0.000	97	1619090	250.0	272.5	
128 Chlorodibromomethane	129	10.652	10.652	0.000	90	89207	20.0	20.0	
129 Ethylene Dibromide	107	10.762	10.762	0.000	98	94208	20.0	19.2	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	85	656656	50.0	50.0	
131 1-Chlorohexane	91	11.207	11.213	-0.006	96	135719	20.0	17.5	
132 Chlorobenzene	112	11.225	11.225	0.000	95	288474	20.0	19.0	
134 1,1,1,2-Tetrachloroethane	131	11.311	11.311	0.000	95	102993	20.0	19.7	
135 Ethylbenzene	91	11.317	11.317	0.000	98	521612	20.0	18.6	
136 m-Xylene & p-Xylene	106	11.433	11.433	0.000	100	402093	40.0	36.2	
138 o-Xylene	106	11.768	11.768	0.000	96	202557	20.0	17.8	
139 Styrene	104	11.786	11.786	0.000	95	307806	20.0	18.2	
140 Bromoform	173	11.945	11.945	0.000	96	62112	20.0	20.9	
141 Isopropylbenzene	105	12.073	12.073	0.000	95	543307	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
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	325456	50.0	50.1	
145 1,1,2,2-Tetrachloroethane	83	12.329	12.329	0.000	93	170073	20.0	20.5	
146 Bromobenzene	156	12.341	12.341	0.000	95	111330	20.0	18.8	
147 trans-1,4-Dichloro-2-butene	53	12.353	12.353	0.000	94	197812	100.0	95.1	
148 1,2,3-Trichloropropane	110	12.378	12.378	0.000	83	53455	20.0	20.1	
149 N-Propylbenzene	91	12.408	12.408	0.000	99	631493	20.0	19.5	
150 2-Chlorotoluene	126	12.487	12.487	0.000	97	121135	20.0	18.7	
151 1,3,5-Trimethylbenzene	105	12.548	12.548	0.000	94	443908	20.0	18.7	
152 4-Chlorotoluene	126	12.585	12.585	0.000	97	116326	20.0	19.0	
154 tert-Butylbenzene	134	12.798	12.798	0.000	92	84528	20.0	18.1	
156 1,2,4-Trimethylbenzene	105	12.841	12.841	0.000	97	444015	20.0	18.5	
157 sec-Butylbenzene	105	12.969	12.969	0.000	94	554603	20.0	18.6	
158 1,3-Dichlorobenzene	146	13.067	13.066	0.001	98	214512	20.0	18.4	
159 4-Isopropyltoluene	119	13.079	13.079	0.000	97	471617	20.0	17.9	
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	95	341718	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.140	13.146	-0.006	95	215007	20.0	18.7	
162 1,2,3-Trimethylbenzene	105	13.152	13.158	-0.006	98	454033	20.0	18.5	
163 Benzyl chloride	91	13.225	13.225	0.000	98	315131	20.0	21.1	
164 1,3-Diethylbenzene	119	13.286	13.286	0.000	95	271494	20.0	18.5	
165 p-Diethylbenzene	119	13.359	13.359	0.000	93	282546	20.0	18.0	
166 n-Butylbenzene	92	13.377	13.377	0.000	97	234603	20.0	18.5	
167 1,2-Dichlorobenzene	146	13.414	13.414	0.000	98	219363	20.0	18.6	
168 o-diethylbenzene	119	13.432	13.432	0.000	95	225859	20.0	18.5	
170 1,2-Dibromo-3-Chloropropane	75	13.969	13.969	0.000	84	47065	20.0	20.9	
171 1,3,5-Trichlorobenzene	180	14.097	14.097	0.000	97	144399	20.0	17.2	
172 1,2,4-Trichlorobenzene	180	14.536	14.536	0.000	94	139453	20.0	17.4	
174 Hexachlorobutadiene	225	14.621	14.627	-0.006	98	48547	20.0	17.2	
175 Naphthalene	128	14.725	14.725	0.000	97	582282	20.0	18.2	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	95	137597	20.0	17.3	
177 2-Methylnaphthalene	142	15.511	15.511	0.000	92	289432	20.0	18.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

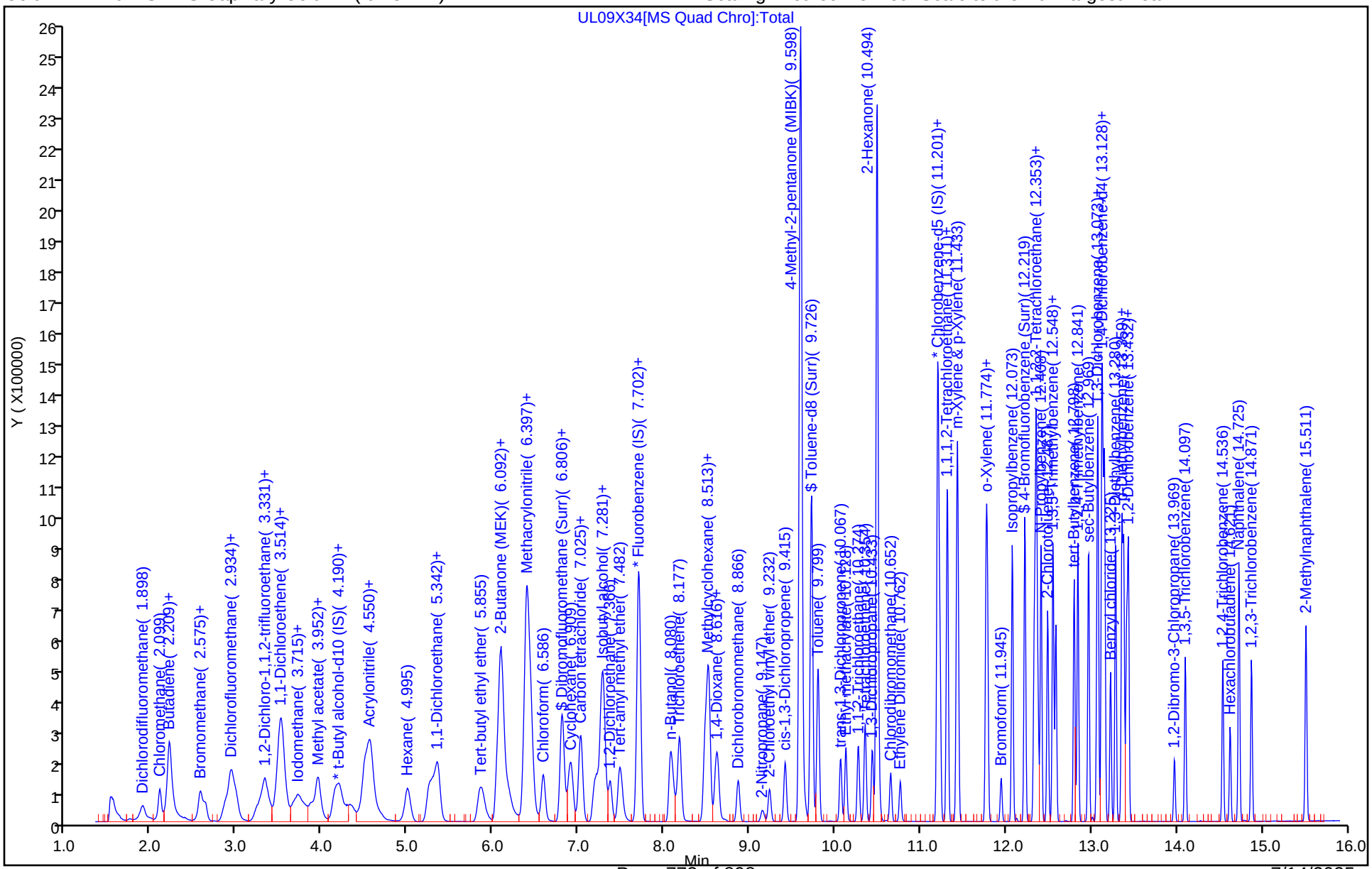
Report Date: 09-Jul-2025 23:35:32 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X34.D

Injection Date:	09-Jul-2025 21:35:11	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X34.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 09-Jul-2025 21:35:11 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0152932-005
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250709-152932.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 09-Jul-2025 23:35:09 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1606

First Level Reviewer: JS6E Date: 09-Jul-2025 22:29:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.3	100.51
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	49.9	99.75
$ 79 Toluene-d8 (Surr)	50.0	50.9	101.78
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.1	100.19

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

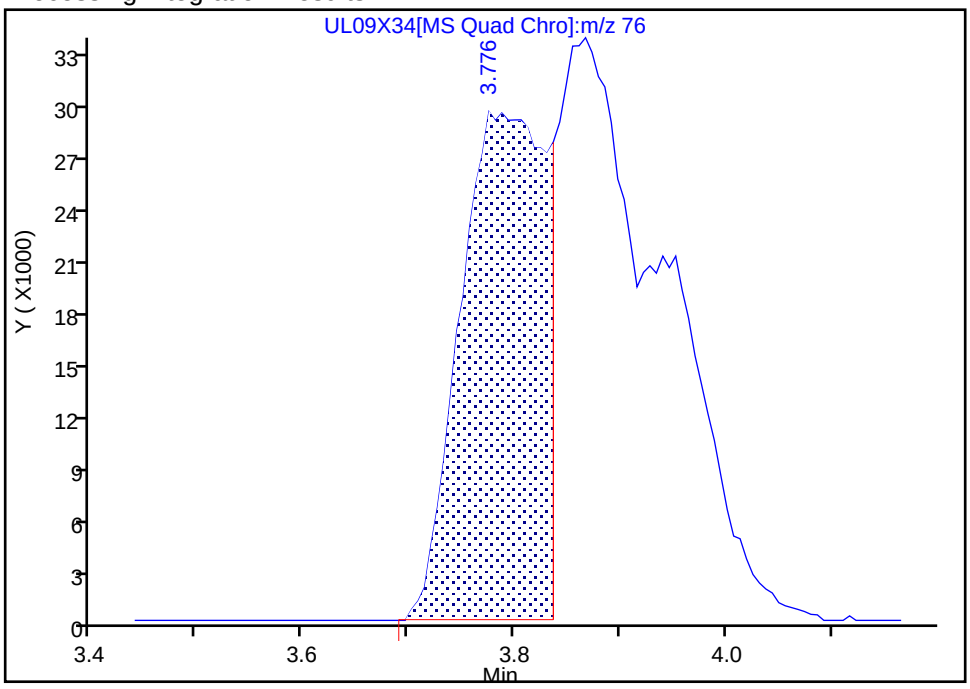
Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X34.D				
Injection Date:	09-Jul-2025 21:35:11	Instrument ID:	23090		
Lims ID:	LCSD				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Carbon disulfide, CAS: 75-15-0

Signal: 1

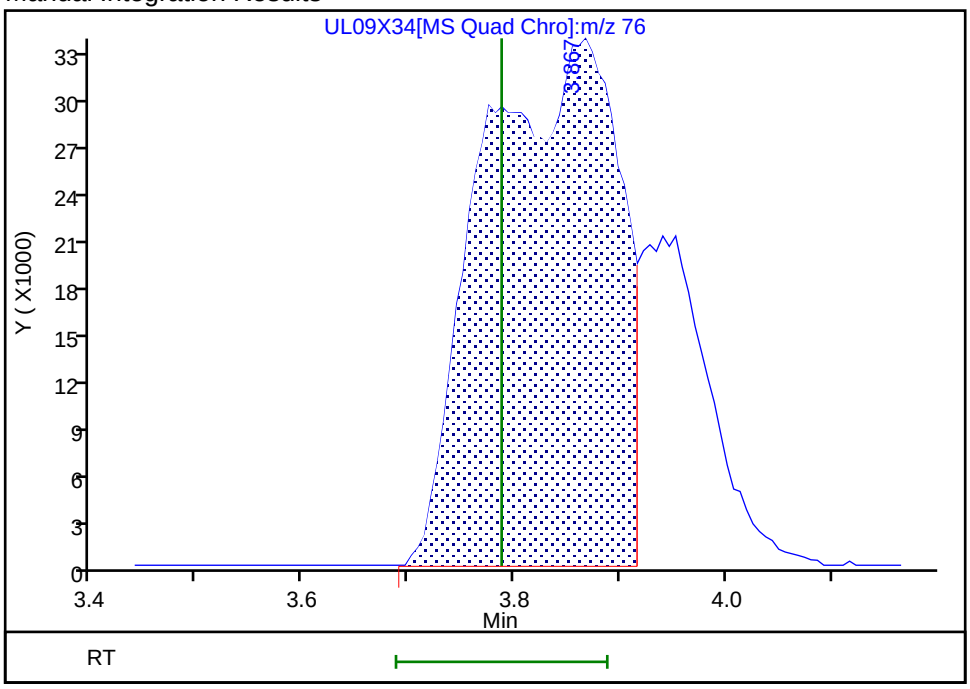
Processing Integration Results

RT: 3.78
Area: 167243
Amount: 10.004192
Amount Units: ug/l



Manual Integration Results

RT: 3.87
Area: 303682
Amount: 18.165740
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 22:27:02 -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

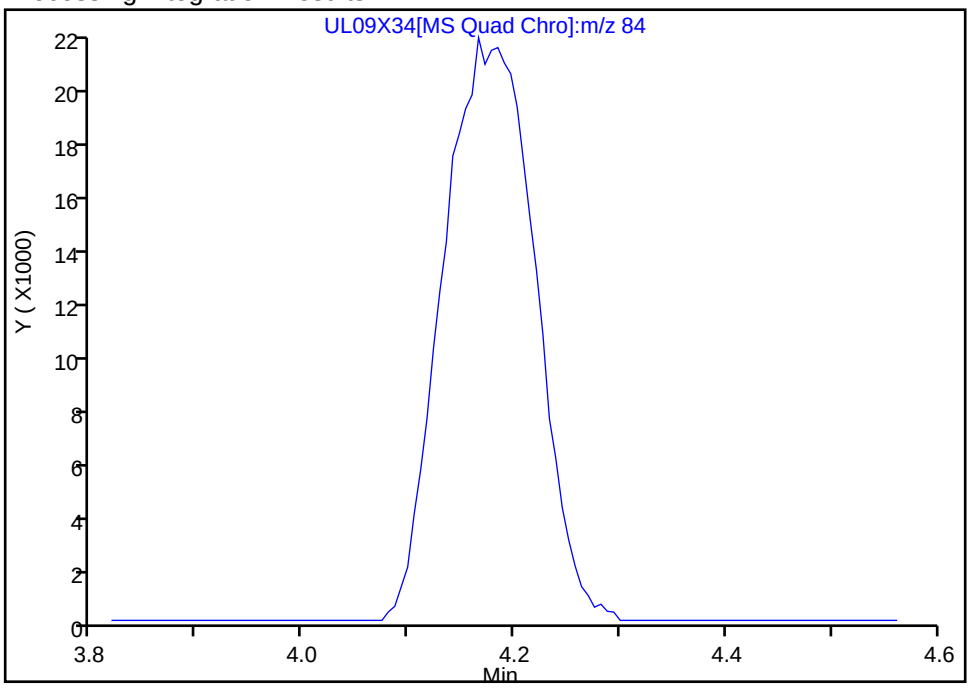
Data File:	\\chromfs\Lancaster\ChromData\23090\20250709-152932.b\UL09X34.D				
Injection Date:	09-Jul-2025 21:35:11	Instrument ID:	23090		
Lims ID:	LCSD				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

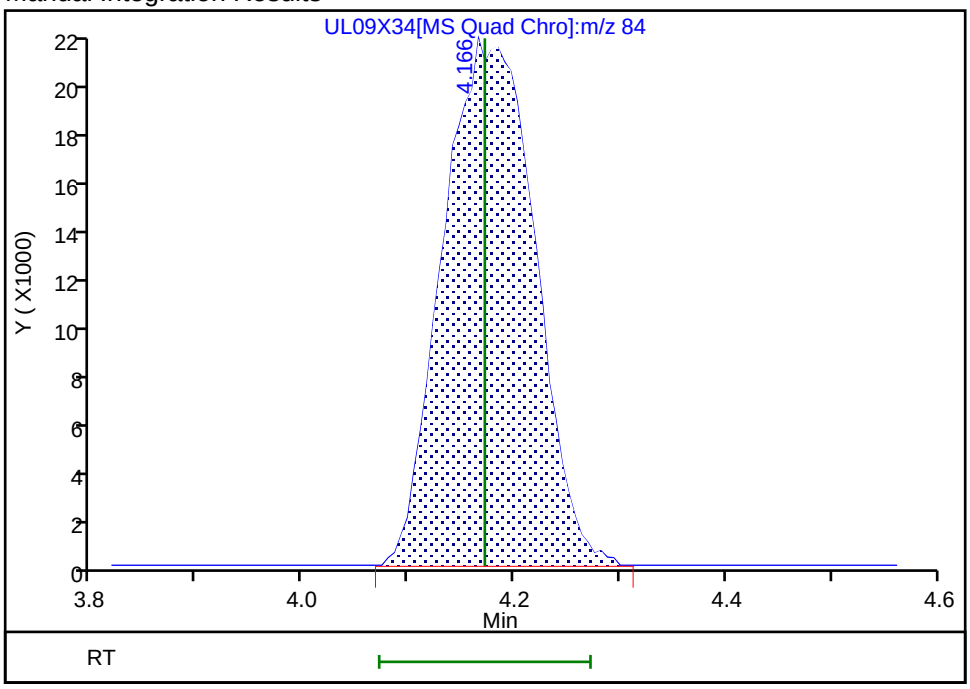
Not Detected
Expected RT: 4.17

Processing Integration Results



Manual Integration Results

RT: 4.17
Area: 129138
Amount: 20.271621
Amount Units: ug/l



Reviewer: JS6E, 09-Jul-2025 22:28:13 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-669730/5

Matrix: Water
Lab File ID: UL10X34.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/10/2025 21:57

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.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	19.5		1.0	0.30
71-55-6	1,1,1-Trichloroethane	18.6		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	19.9		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.30
75-34-3	1,1-Dichloroethane	20.2		1.0	0.30
75-35-4	1,1-Dichloroethene	19.1		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	19.0		1.0	0.20
107-06-2	1,2-Dichloroethane	19.2		1.0	0.30
78-87-5	1,2-Dichloropropane	19.6		1.0	0.30
78-93-3	2-Butanone (MEK)	255		10	1.0
591-78-6	2-Hexanone	275		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	257		10	0.50
67-64-1	Acetone	283		20	0.70
71-43-2	Benzene	18.7		1.0	0.30
74-97-5	Bromochloromethane	18.2		5.0	0.20
75-27-4	Bromodichloromethane	20.1		1.0	0.20
75-25-2	Bromoform	20.4		4.0	1.0
74-83-9	Bromomethane	16.3		1.0	0.30
75-15-0	Carbon disulfide	18.3		5.0	0.30
56-23-5	Carbon tetrachloride	19.6		1.0	0.30
108-90-7	Chlorobenzene	18.5		1.0	0.30
75-00-3	Chloroethane	18.3		1.0	0.30
67-66-3	Chloroform	19.2		1.0	0.30
74-87-3	Chloromethane	17.4		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	19.0		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	19.3		1.0	0.20
124-48-1	Dibromochloromethane	20.1		1.0	0.20
100-41-4	Ethylbenzene	18.1		1.0	0.40
1634-04-4	Methyl tert-butyl ether	16.5		1.0	0.20
75-09-2	Methylene Chloride	19.5		1.0	0.30
100-42-5	Styrene	17.9		5.0	0.30
127-18-4	Tetrachloroethene	17.3		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229797-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-669730/5

Matrix: Water
Lab File ID: UL10X34.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/10/2025 21:57

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.: 669730
Units: ug/L

Preparation Batch No.:
Instrument ID: 23090

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.4		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.0		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	19.7		1.0	0.20
79-01-6	Trichloroethene	18.5		1.0	0.30
75-01-4	Vinyl chloride	16.8		1.0	0.30
1330-20-7	Xylenes, Total	53.1		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)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	101		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X34.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Jul-2025 21:57:39 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-005
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 22:47:33

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.904	1.898	0.006	99	151867	20.0	15.9	
4 Chloromethane	50	2.105	2.099	0.006	99	170408	20.0	17.4	
5 Butadiene	39	2.215	2.209	0.006	89	237520	20.0	22.4	
6 Vinyl chloride	62	2.227	2.215	0.012	98	166371	20.0	16.8	
8 Bromomethane	94	2.581	2.575	0.006	89	113650	20.0	16.3	
9 Chloroethane	64	2.642	2.630	0.012	100	103510	20.0	18.3	
10 Dichlorofluoromethane	67	2.922	2.922	0.000	97	260618	20.0	17.0	
11 Pentane	43	2.953	2.947	0.006	96	154689	20.0	15.9	
12 Trichlorofluoromethane	101	2.977	2.965	0.012	96	187726	20.0	16.4	
15 1,2-Dichloro-1,1,2-trifluoroetha	67	3.294	3.288	0.006	94	139243	20.0	18.6	
16 Acrolein	56	3.349	3.343	0.006	100	333245	146.3	152.6	
18 Acetone	58	3.520	3.507	0.013	100	298420	250.0	282.6	
17 1,1-Dichloroethene	96	3.508	3.520	-0.012	97	109723	20.0	19.1	
19 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.538	3.532	0.006	92	109976	20.0	16.6	
21 Isopropyl alcohol	45	3.733	3.690	0.043	95	117544	150.0	113.2	
20 Iodomethane	142	3.715	3.709	0.006	99	170625	20.0	15.2	
22 Carbon disulfide	76	3.788	3.782	0.006	98	313758	20.0	18.3	M
23 Methyl acetate	43	3.940	3.928	0.012	98	163881	20.0	23.1	M
25 3-Chloro-1-propene	41	3.971	3.953	0.018	88	152898	20.0	19.3	a
26 Methylene Chloride	84	4.184	4.184	0.000	90	127579	20.0	19.5	Ma
* 27 t-Butyl alcohol-d10 (IS)	65	4.221	4.202	0.019	98	360001	250.0	250.0	
28 2-Methyl-2-propanol	59	4.343	4.312	0.031	100	244007	200.0	155.4	
30 Acrylonitrile	53	4.513	4.501	0.012	99	396506	100.0	106.3	
31 trans-1,2-Dichloroethene	96	4.568	4.562	0.006	100	112889	20.0	20.0	M
32 Methyl tert-butyl ether	73	4.587	4.574	0.013	94	302866	20.0	16.5	
33 Hexane	57	5.007	5.001	0.006	90	134205	20.0	17.2	
34 1,1-Dichloroethane	63	5.257	5.245	0.012	96	198930	20.0	20.2	
36 Isopropyl ether	45	5.318	5.306	0.012	94	303657	20.0	18.8	
37 2-Chloro-1,3-butadiene	53	5.367	5.355	0.012	89	151843	20.0	17.7	
38 Tert-butyl ethyl ether	59	5.867	5.855	0.012	97	283336	20.0	16.7	
39 2-Butanone (MEK)	43	6.086	6.080	0.006	100	1291268	250.0	254.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
40 cis-1,2-Dichloroethene	96	6.105	6.092	0.013	81	127624	20.0	19.0	
41 2,2-Dichloropropane	77	6.117	6.111	0.006	89	172078	20.0	19.3	
44 Propionitrile	54	6.190	6.178	0.012	99	272293	150.0	165.3	
46 Methacrylonitrile	67	6.397	6.391	0.006	91	560480	150.0	153.7	
47 Chlorobromomethane	128	6.440	6.434	0.006	97	59642	20.0	18.2	
48 Tetrahydrofuran	71	6.452	6.440	0.012	89	150223	100.0	96.1	
49 Chloroform	83	6.592	6.586	0.006	93	192764	20.0	19.2	
$ 50 Dibromofluoromethane (Surr)	113	6.812	6.800	0.012	93	246189	50.0	50.6	
51 1,1,1-Trichloroethane	97	6.824	6.812	0.012	98	169382	20.0	18.6	
52 Cyclohexane	56	6.909	6.903	0.006	88	192297	20.0	17.6	
53 Carbon tetrachloride	117	7.019	7.019	0.000	95	141348	20.0	19.6	
54 1,1-Dichloropropene	75	7.031	7.025	0.006	98	150118	20.0	18.1	
55 Isobutyl alcohol	41	7.208	7.202	0.006	95	237463	500.0	493.5	
$ 56 1,2-Dichloroethane-d4 (Surr)	102	7.269	7.269	0.000	94	64514	50.0	50.3	
57 Benzene	78	7.306	7.293	0.013	96	465865	20.0	18.7	
58 1,2-Dichloroethane	62	7.373	7.373	0.000	97	141732	20.0	19.2	
60 Tert-amyl methyl ether	73	7.488	7.488	0.000	99	284106	20.0	17.1	
* 61 Fluorobenzene (IS)	96	7.708	7.702	0.006	99	1009549	50.0	50.0	
62 n-Heptane	43	7.714	7.708	0.006	90	130403	20.0	18.7	
64 n-Butanol	56	8.086	8.074	0.012	87	368461	1000.0	1082.7	
65 Trichloroethene	95	8.183	8.177	0.006	99	113840	20.0	18.5	
67 Methylcyclohexane	83	8.488	8.482	0.006	90	199747	20.0	16.9	
68 1,2-Dichloropropane	63	8.519	8.519	0.000	76	110730	20.0	19.6	
69 2-ethoxy-2-methyl butane	87	8.525	8.525	0.000	93	151894	20.0	18.0	
71 1,4-Dioxane	88	8.610	8.604	0.006	35	44927	500.0	509.3	M
70 Methyl methacrylate	69	8.610	8.604	0.006	90	94166	20.0	18.9	
72 Dibromomethane	93	8.628	8.628	0.000	96	72228	20.0	19.5	
74 Dichlorobromomethane	83	8.872	8.866	0.006	100	131349	20.0	20.1	
75 2-Nitropropane	41	9.153	9.147	0.006	99	40111	20.0	20.6	
76 2-Chloroethyl vinyl ether	63	9.238	9.232	0.006	91	67638	20.0	18.1	
77 cis-1,3-Dichloropropene	75	9.415	9.415	0.000	97	154688	20.0	19.3	
78 4-Methyl-2-pentanone (MIBK)	43	9.598	9.592	0.006	95	2358747	250.0	257.2	
$ 79 Toluene-d8 (Surr)	98	9.726	9.720	0.006	93	956274	50.0	50.9	
80 Toluene	92	9.799	9.799	0.000	98	269251	20.0	18.4	
120 trans-1,3-Dichloropropene	75	10.067	10.061	0.006	91	136943	20.0	19.7	
121 Ethyl methacrylate	69	10.128	10.128	0.000	88	150619	20.0	18.0	
122 1,1,2-Trichloroethane	97	10.274	10.268	0.006	90	92914	20.0	19.2	
123 Tetrachloroethene	166	10.354	10.354	0.000	96	106081	20.0	17.3	
124 1,3-Dichloropropane	76	10.439	10.433	0.006	88	157289	20.0	19.5	
126 2-Hexanone	43	10.494	10.488	0.006	96	1701268	250.0	275.2	
128 Chlorodibromomethane	129	10.652	10.646	0.006	90	93080	20.0	20.1	
129 Ethylene Dibromide	107	10.762	10.762	0.000	98	96861	20.0	19.0	
* 130 Chlorobenzene-d5 (IS)	117	11.201	11.201	0.000	86	683137	50.0	50.0	
131 1-Chlorohexane	91	11.207	11.207	0.000	97	140794	20.0	17.4	
132 Chlorobenzene	112	11.226	11.226	0.000	95	292103	20.0	18.5	
134 1,1,1,2-Tetrachloroethane	131	11.311	11.311	0.000	96	105937	20.0	19.5	
135 Ethylbenzene	91	11.317	11.311	0.006	98	529675	20.0	18.1	
136 m-Xylene & p-Xylene	106	11.433	11.427	0.006	100	410224	40.0	35.5	
138 o-Xylene	106	11.768	11.768	0.000	96	207903	20.0	17.6	
139 Styrene	104	11.780	11.780	0.000	95	315193	20.0	17.9	
140 Bromoform	173	11.945	11.939	0.006	96	63269	20.0	20.4	
141 Isopropylbenzene	105	12.073	12.073	0.000	95	554331	20.0	19.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 144 4-Bromofluorobenzene (Surr)	95	12.219	12.219	0.000	87	340966	50.0	50.5	
145 1,1,2,2-Tetrachloroethane	83	12.329	12.323	0.006	94	173857	20.0	19.9	
146 Bromobenzene	156	12.341	12.335	0.006	97	114599	20.0	18.4	
147 trans-1,4-Dichloro-2-butene	53	12.353	12.353	0.000	94	201111	100.0	91.9	
148 1,2,3-Trichloropropane	110	12.372	12.372	0.000	82	54462	20.0	19.5	
149 N-Propylbenzene	91	12.408	12.408	0.000	99	645673	20.0	19.0	
150 2-Chlorotoluene	126	12.487	12.487	0.000	96	124759	20.0	18.3	
151 1,3,5-Trimethylbenzene	105	12.548	12.548	0.000	94	448196	20.0	18.0	
152 4-Chlorotoluene	126	12.585	12.579	0.006	97	119423	20.0	18.5	
154 tert-Butylbenzene	134	12.798	12.798	0.000	92	85899	20.0	17.5	
156 1,2,4-Trimethylbenzene	105	12.841	12.841	0.000	97	455010	20.0	18.1	
157 sec-Butylbenzene	105	12.963	12.963	0.000	94	565050	20.0	18.0	
158 1,3-Dichlorobenzene	146	13.067	13.067	0.000	98	224181	20.0	18.3	
159 4-Isopropyltoluene	119	13.073	13.073	0.000	97	477608	20.0	17.3	
* 160 1,4-Dichlorobenzene-d4	152	13.121	13.121	0.000	95	359484	50.0	50.0	
161 1,4-Dichlorobenzene	146	13.140	13.140	0.000	95	223794	20.0	18.5	
162 1,2,3-Trimethylbenzene	105	13.152	13.152	0.000	98	460646	20.0	17.8	
163 Benzyl chloride	91	13.219	13.219	0.000	98	334686	20.0	21.3	
164 1,3-Diethylbenzene	119	13.280	13.280	0.000	95	275442	20.0	17.8	
165 p-Diethylbenzene	119	13.353	13.353	0.000	93	292216	20.0	17.6	
166 n-Butylbenzene	92	13.378	13.378	0.000	97	242646	20.0	18.2	
167 1,2-Dichlorobenzene	146	13.408	13.408	0.000	98	225662	20.0	18.2	
168 o-diethylbenzene	119	13.432	13.432	0.000	95	225807	20.0	17.6	
170 1,2-Dibromo-3-Chloropropane	75	13.969	13.969	0.000	85	47809	20.0	20.2	
171 1,3,5-Trichlorobenzene	180	14.097	14.097	0.000	98	150714	20.0	17.0	
172 1,2,4-Trichlorobenzene	180	14.536	14.536	0.000	94	141911	20.0	16.8	
174 Hexachlorobutadiene	225	14.621	14.621	0.000	98	49337	20.0	16.6	
175 Naphthalene	128	14.725	14.725	0.000	97	591505	20.0	17.5	
176 1,2,3-Trichlorobenzene	180	14.871	14.871	0.000	95	140516	20.0	16.8	
177 2-Methylnaphthalene	142	15.505	15.505	0.000	93	294822	20.0	18.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00036	Amount Added: 5.00	Units: uL	Run Reagent

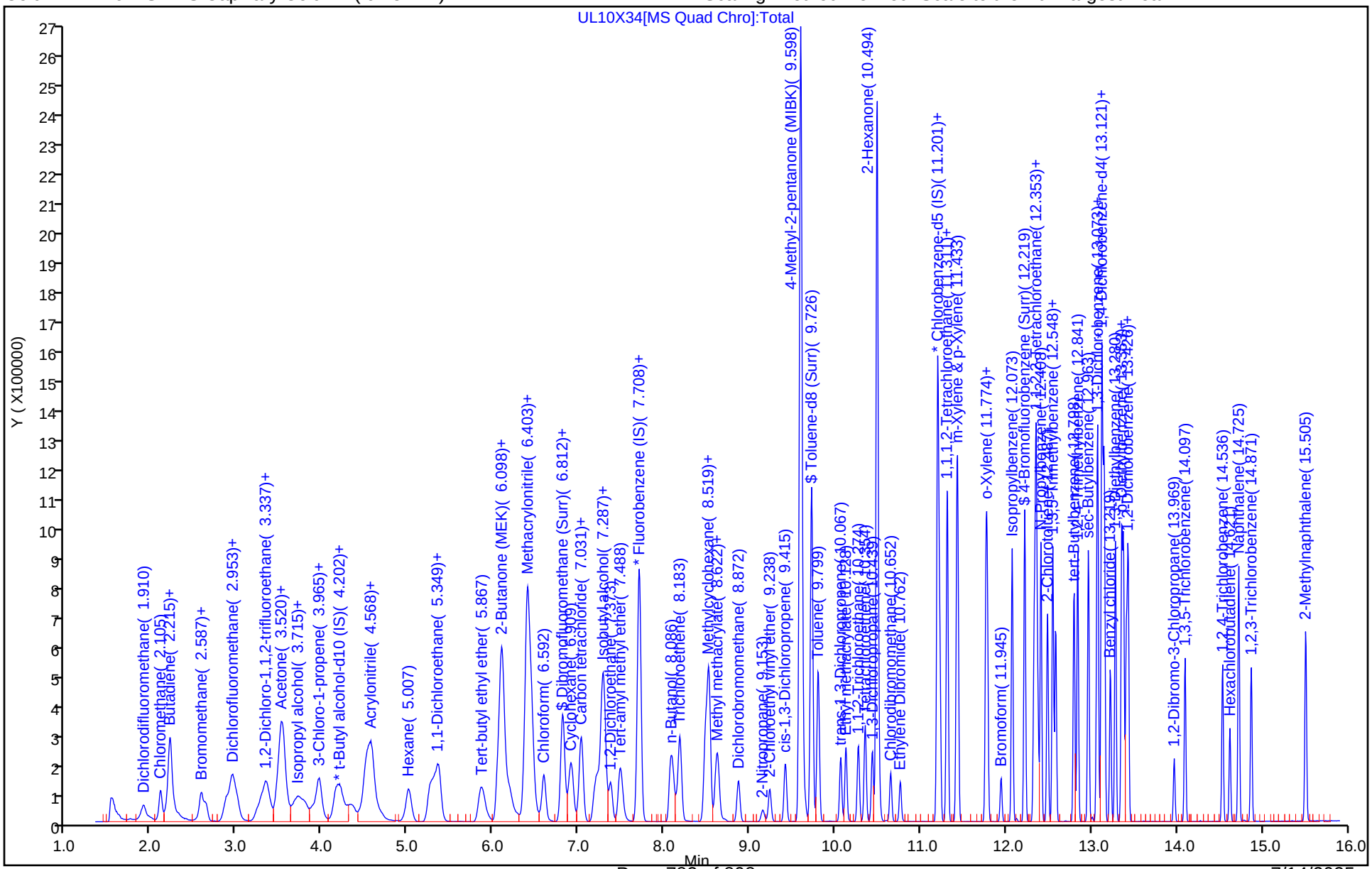
Report Date: 10-Jul-2025 23:38:29 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X34.D

Injection Date:	10-Jul-2025 21:57:39	Instrument ID:	23090	Operator ID:	gaw91131
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSV_8260_5mL_HP34	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



7/14/2025
7:32:02 PM

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X34.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 10-Jul-2025 21:57:39 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0153094-005
Operator ID: gaw91131 Instrument ID: 23090

Method: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\MSV_8260_5mL_HP34.m
Limit Group: MSV - 8260C_D
Last Update: 10-Jul-2025 23:38:11 Calib Date: 17-Jun-2025 21:03:02
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\23090\20250617-150677.b\UU17X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1701

First Level Reviewer: JS6E Date: 10-Jul-2025 22:47:33

Compound	Amount Added	Amount Recovered	% Rec.
$ 50 Dibromofluoromethane (Surr)	50.0	50.6	101.16
$ 56 1,2-Dichloroethane-d4 (Surr)	50.0	50.3	100.55
$ 79 Toluene-d8 (Surr)	50.0	50.9	101.73
$ 144 4-Bromofluorobenzene (Surr)	50.0	50.5	100.90

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

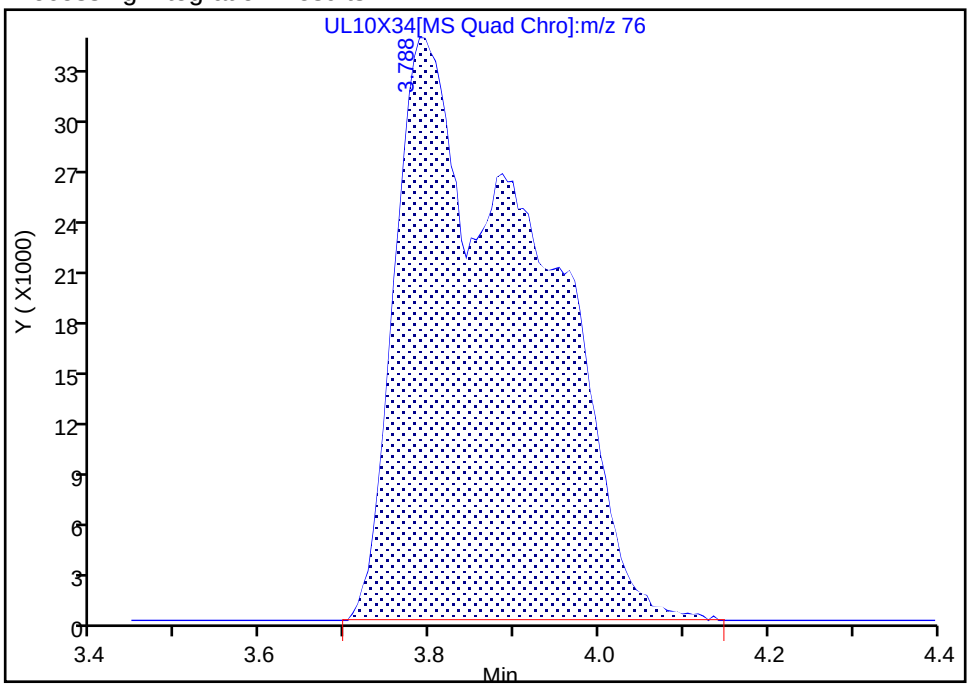
Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X34.D
Injection Date: 10-Jul-2025 21:57:39 Instrument ID: 23090
Lims ID: LCSD
Client ID:
Operator ID: gaw91131 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

22 Carbon disulfide, CAS: 75-15-0

Signal: 1

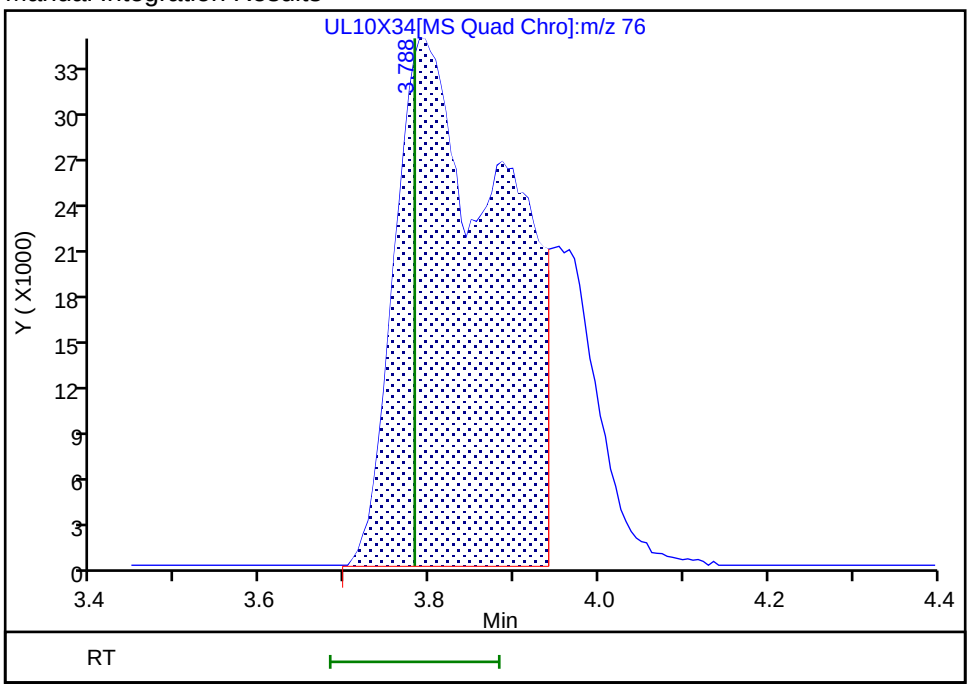
Processing Integration Results

RT: 3.79
Area: 391505
Amount: 22.812707
Amount Units: ug/l



Manual Integration Results

RT: 3.79
Area: 313758
Amount: 18.282446
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 22:45:53 -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

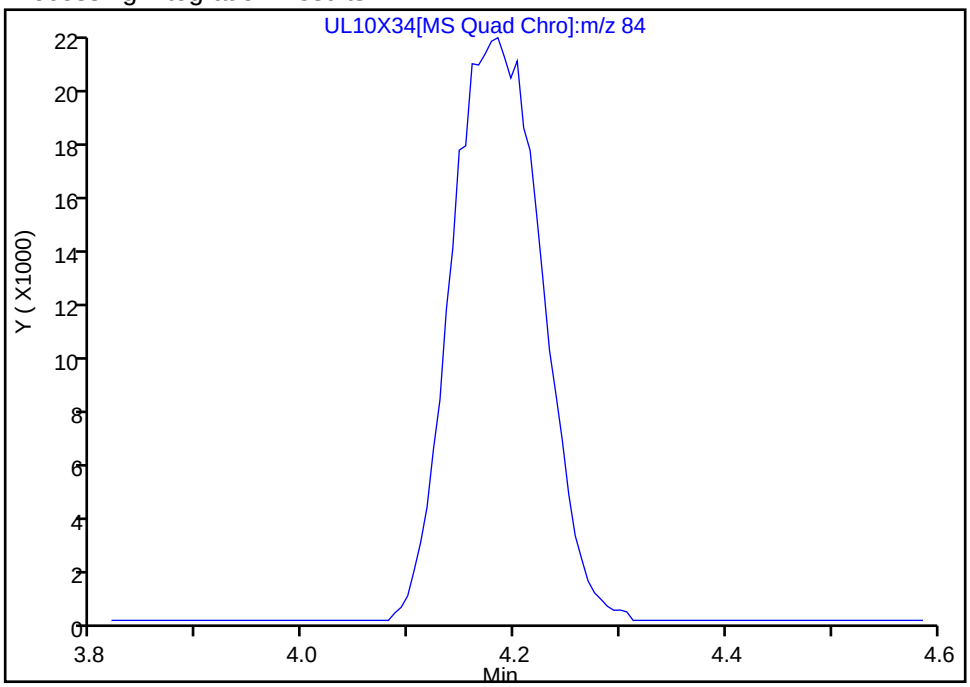
Data File: \\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X34.D
Injection Date: 10-Jul-2025 21:57:39 Instrument ID: 23090
Lims ID: LCSD
Client ID:
Operator ID: gaw91131 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSV_8260_5mL_HP34 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Methylene Chloride, CAS: 75-09-2

Signal: 1

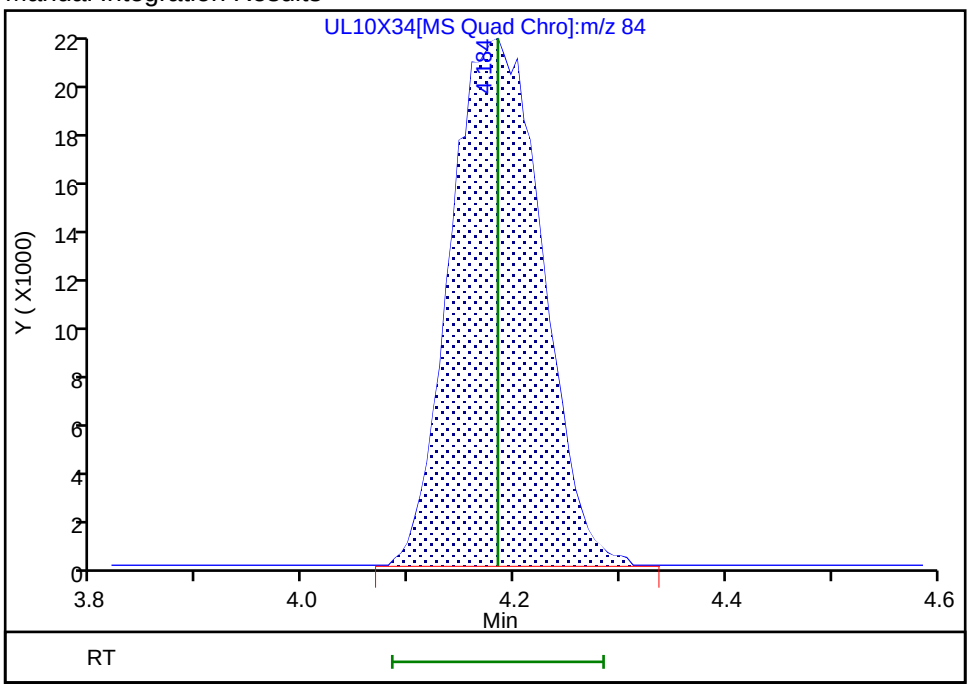
Not Detected
Expected RT: 4.18

Processing Integration Results



Manual Integration Results

RT: 4.18
Area: 127579
Amount: 19.508284
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 22:46:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Missed Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

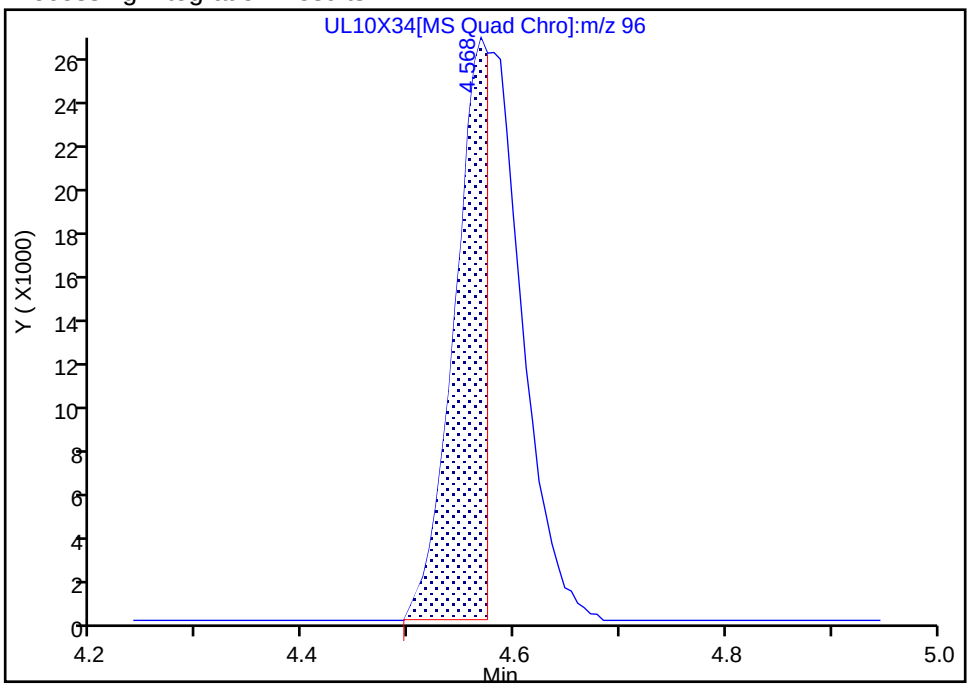
Data File:	\\chromfs\Lancaster\ChromData\23090\20250710-153094.b\UL10X34.D				
Injection Date:	10-Jul-2025 21:57:39	Instrument ID:	23090		
Lims ID:	LCSD				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSV_8260_5mL_HP34	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

31 trans-1,2-Dichloroethene, CAS: 156-60-5

Signal: 1

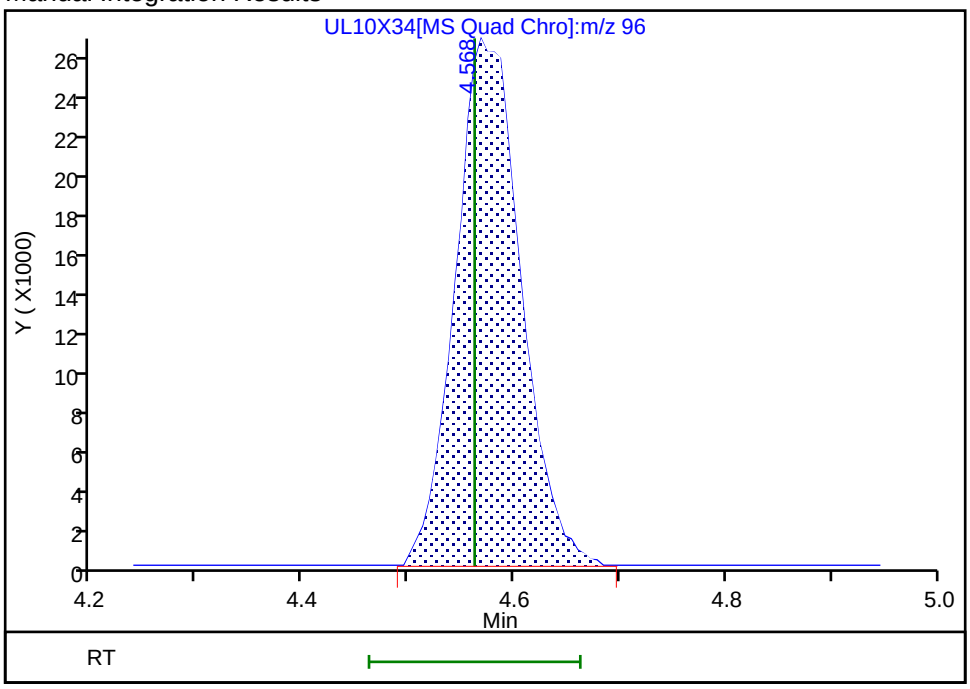
Processing Integration Results

RT: 4.57
Area: 58827
Amount: 10.443939
Amount Units: ug/l



Manual Integration Results

RT: 4.57
Area: 112889
Amount: 20.041917
Amount Units: ug/l



Reviewer: JS6E, 10-Jul-2025 22:46:41 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Start Date: 06/17/2025 15:18

Analysis Batch Number: 658909 End Date: 06/18/2025 00:49

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-658909/1		06/17/2025 15:18	1	UU17T03.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/3		06/17/2025 15:54	1	UU17X03.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/4		06/17/2025 16:15	1	UU17X04.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/5		06/17/2025 16:35	1	UU17X05.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/6		06/17/2025 16:56	1	UU17X06.D	R-624SilMS 30m 0.25(mm)
CCV 410-658909/1006		06/17/2025 16:56	1		R-624SilMS 30m 0.25(mm)
IC 410-658909/7		06/17/2025 17:17	1	UU17X07.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/8		06/17/2025 17:38	1	UU17X08.D	R-624SilMS 30m 0.25(mm)
ICV 410-658909/10		06/17/2025 18:19	1		R-624SilMS 30m 0.25(mm)
IC 410-658909/12		06/17/2025 19:00	1	UU17X12.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/13		06/17/2025 19:20	1	UU17X13.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/14		06/17/2025 19:41	1	UU17X14.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/15		06/17/2025 20:01	1	UU17X15.D	R-624SilMS 30m 0.25(mm)
ICIS 410-658909/16		06/17/2025 20:22	1	UU17X16.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-658909/1016		06/17/2025 20:22	1		R-624SilMS 30m 0.25(mm)
IC 410-658909/17		06/17/2025 20:42	1	UU17X17.D	R-624SilMS 30m 0.25(mm)
IC 410-658909/18		06/17/2025 21:03	1	UU17X18.D	R-624SilMS 30m 0.25(mm)
ICV 410-658909/20		06/17/2025 21:44	1	UU17X20.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/17/2025 22:25	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/17/2025 22:45	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/17/2025 23:06	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/17/2025 23:26	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/17/2025 23:47	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/18/2025 00:07	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/18/2025 00:28	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/18/2025 00:49	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-229797-1

SDG No.:

Instrument ID: 9137

Start Date: 06/23/2025 14:51

Analysis Batch Number: 661307

End Date: 06/23/2025 21:47

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-661307/1		06/23/2025 14:51	1	WU23T01.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/3		06/23/2025 15:31	1	WU23X02.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/4		06/23/2025 15:53	1	WU23X03.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/5		06/23/2025 16:15	1	WU23X04.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/6		06/23/2025 16:37	1	WU23X05.D	R-624SilMS 30m 0.25(mm)
CCV 410-661307/1006		06/23/2025 16:37	1		R-624SilMS 30m 0.25(mm)
IC 410-661307/7		06/23/2025 17:00	1	WU23X06.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/8		06/23/2025 17:22	1	WU23X07.D	R-624SilMS 30m 0.25(mm)
ICV 410-661307/10		06/23/2025 18:06	1		R-624SilMS 30m 0.25(mm)
IC 410-661307/12		06/23/2025 18:50	1	WU23X11.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/13		06/23/2025 19:12	1	WU23X12.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/14		06/23/2025 19:34	1	WU23X13.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/15		06/23/2025 19:56	1	WU23X14.D	R-624SilMS 30m 0.25(mm)
ICIS 410-661307/16		06/23/2025 20:18	1	WU23X15.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-661307/1016		06/23/2025 20:18	1		R-624SilMS 30m 0.25(mm)
IC 410-661307/17		06/23/2025 20:40	1	WU23X16.D	R-624SilMS 30m 0.25(mm)
IC 410-661307/18		06/23/2025 21:02	1	WU23X17.D	R-624SilMS 30m 0.25(mm)
ICV 410-661307/20		06/23/2025 21:47	1	WU23X19.D	R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-229797-1

SDG No.:

Instrument ID: 9137

Start Date: 07/08/2025 21:37

Analysis Batch Number: 668460

End Date: 07/09/2025 07:26

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-668460/1		07/08/2025 21:37	1	WL08T34.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-668460/3		07/08/2025 22:24	1	WL08X35.D	R-624SilMS 30m 0.25(mm)
LCS 410-668460/4		07/08/2025 22:46	1	WL08X36.D	R-624SilMS 30m 0.25(mm)
LCSD 410-668460/5		07/08/2025 23:08	1	WL08X37.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		07/08/2025 23:30	1		R-624SilMS 30m 0.25(mm)
MB 410-668460/7		07/08/2025 23:52	1	WL08X39.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 00:27	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 00:49	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 01:11	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 01:33	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 01:55	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 02:17	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 02:39	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 03:02	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 03:23	1		R-624SilMS 30m 0.25(mm)
410-229797-1	HD-MW-166-0/1-0	07/09/2025 03:46	1	WL08X49.D	R-624SilMS 30m 0.25(mm)
410-229797-2	HD-MW-167-0/1-0	07/09/2025 04:08	1	WL08X50.D	R-624SilMS 30m 0.25(mm)
410-229797-3	HD-MW-168-0/1-0	07/09/2025 04:30	1	WL08X51.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 04:52	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 05:14	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 05:36	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 05:58	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 06:20	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 06:42	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 07:04	20		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 07:26	20		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Start Date: 07/09/2025 20:15

Analysis Batch Number: 669131 End Date: 07/10/2025 06:28

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-669131/1		07/09/2025 20:15	1	UL09T31.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-669131/3		07/09/2025 20:53	1	UL09X32.D	R-624SilMS 30m 0.25(mm)
LCS 410-669131/4		07/09/2025 21:14	1	UL09X33.D	R-624SilMS 30m 0.25(mm)
LCSD 410-669131/5		07/09/2025 21:35	1	UL09X34.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		07/09/2025 21:56	1		R-624SilMS 30m 0.25(mm)
MB 410-669131/7		07/09/2025 22:16	1	UL09X36.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 22:57	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/09/2025 23:18	1		R-624SilMS 30m 0.25(mm)
410-229797-1 RA	HD-MW-166-0/1-0 RA	07/09/2025 23:38	1	UL09X40.D	R-624SilMS 30m 0.25(mm)
410-229797-2 RA	HD-MW-167-0/1-0 RA	07/09/2025 23:59	1	UL09X41.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 01:00	50		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 01:21	50		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 01:41	1000		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 02:02	2000		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 02:22	2000		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 02:43	2000		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 05:47	20		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		07/10/2025 06:07	20		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		07/10/2025 06:28	20		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229797-1

SDG No.:

Instrument ID: 23090 Start Date: 07/10/2025 20:30

Analysis Batch Number: 669730 End Date: 07/11/2025 06:30

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-669730/1		07/10/2025 20:30	1	UL10T31.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-669730/3		07/10/2025 21:16	1	UL10X32.D	R-624SilMS 30m 0.25(mm)
LCS 410-669730/4		07/10/2025 21:37	1	UL10X33.D	R-624SilMS 30m 0.25(mm)
LCSD 410-669730/5		07/10/2025 21:57	1	UL10X34.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		07/10/2025 22:18	1		R-624SilMS 30m 0.25(mm)
MB 410-669730/7		07/10/2025 22:38	1	UL10X36.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 22:59	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 23:19	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/10/2025 23:40	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 00:01	1		R-624SilMS 30m 0.25(mm)
410-229797-3	HD-MW-168-0/1-0	07/11/2025 00:21	1	UL10X41.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 00:41	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 01:02	100		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 01:22	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 01:43	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 02:24	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 03:05	20		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 03:46	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 04:07	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 04:27	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 04:47	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 05:08	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 05:28	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 05:49	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 06:09	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/11/2025 06:30	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 658909 | Batch Start Date: 06/17/25 15:18 | Batch Analyst: Mellinger, Corie M

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEtOH 00774	MSV_CCV_2CEVE 00232	MSV_CCV_CYC 00012
BFB 410-658909/1		8260D			1 uL	1 uL				
IC 410-658909/3		8260D			5 mL	5 mL	431126			
IC 410-658909/4		8260D			5 mL	5 mL	431126			
IC 410-658909/5		8260D			5 mL	5 mL	431126			
IC 410-658909/6		8260D			5 mL	5 mL	431126			
IC 410-658909/7		8260D			5 mL	5 mL	431126			
IC 410-658909/8		8260D			5 mL	5 mL	431126			
IC 410-658909/12		8260D			5 mL	5 mL	431126	12.5 mL		
IC 410-658909/13		8260D			5 mL	5 mL	431126		4 uL	32 uL
IC 410-658909/14		8260D			5 mL	5 mL	431126		2 uL	8 uL
IC 410-658909/15		8260D			5 mL	5 mL	431126		4 uL	16 uL
ICIS 410-658909/16		8260D			5 mL	5 mL	431126		5 uL	10 uL
IC 410-658909/17		8260D			5 mL	5 mL	431126		5 uL	10 uL
IC 410-658909/18		8260D			5 mL	5 mL	431126		15 uL	30 uL
ICV 410-658909/20		8260D			5 mL	5 mL	431126			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01063	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00022	MSV_CCV_Penta 00066
BFB 410-658909/1		8260D								
IC 410-658909/3		8260D			4 uL			4 uL		4 uL
IC 410-658909/4		8260D			2 uL			2 uL		2 uL
IC 410-658909/5		8260D			4 uL			4 uL		4 uL
IC 410-658909/6		8260D			5 uL			5 uL		5 uL
IC 410-658909/7		8260D			5 uL			5 uL		5 uL
IC 410-658909/8		8260D			15 uL			15 uL		15 uL
IC 410-658909/12		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 658909 | Batch Start Date: 06/17/25 15:18 | Batch Analyst: Mellinger, Corie M

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01063	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00022	MSV_CCV_Penta 00066
IC 410-658909/13		8260D				20 uL	2 uL		4 uL	
IC 410-658909/14		8260D				8 uL	1 uL		2 uL	
IC 410-658909/15		8260D				16 uL	2 uL		4 uL	
ICIS 410-658909/16		8260D				10 uL	2.5 uL		5 uL	
IC 410-658909/17		8260D				10 uL	2.5 uL		5 uL	
IC 410-658909/18		8260D				30 uL	7.5 uL		15 uL	
ICV 410-658909/20		8260D								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00050	MSV_CCV_VOC#1 00240	MSV_CCV_VOC#3 00241	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00233
BFB 410-658909/1		8260D								
IC 410-658909/3		8260D			4 uL			5 uL		
IC 410-658909/4		8260D			2 uL			5 uL		
IC 410-658909/5		8260D			4 uL			5 uL		
IC 410-658909/6		8260D			5 uL			5 uL		
IC 410-658909/7		8260D			5 uL			5 uL		
IC 410-658909/8		8260D			15 uL			5 uL		
IC 410-658909/12		8260D							5 uL	
IC 410-658909/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-658909/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-658909/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-658909/16		8260D				5 uL	4 uL		5 uL	
IC 410-658909/17		8260D				5 uL	4 uL		5 uL	
IC 410-658909/18		8260D				15 uL	12 uL		5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 658909 | Batch Start Date: 06/17/25 15:18 | Batch Analyst: Mellinger, Corie M

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00050	MSV_CCV_VOC#1 00240	MSV_CCV_VOC#3 00241	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00233
ICV 410-658909/20		8260D							5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00231	MSV_LCS_CYC 00012	MSV_LCS_ETOH 00010	MSV_LCS_VOC#1 00224	MSV_Q_Acr_Std 00012	MSV_QC_2K_GAS 00305
BFB 410-658909/1		8260D								
IC 410-658909/3		8260D								
IC 410-658909/4		8260D								
IC 410-658909/5		8260D								
IC 410-658909/6		8260D								
IC 410-658909/7		8260D								
IC 410-658909/8		8260D								
IC 410-658909/12		8260D								
IC 410-658909/13		8260D								
IC 410-658909/14		8260D								
IC 410-658909/15		8260D								
ICIS 410-658909/16		8260D								
IC 410-658909/17		8260D								
IC 410-658909/18		8260D								
ICV 410-658909/20		8260D			50 uL	50 uL	50 uL	50 uL	2 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	AnalysisComment				
BFB 410-658909/1		8260D			1 uL					
IC 410-658909/3		8260D								
IC 410-658909/4		8260D								
IC 410-658909/5		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.: 410-229797-1

SDG No.:

Batch Number: 658909 Batch Start Date: 06/17/25 15:18 Batch Analyst: Mellinger, Corie M

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	AnalysisComment				
IC 410-658909/6		8260D								
IC 410-658909/7		8260D								
IC 410-658909/8		8260D								
IC 410-658909/12		8260D								
IC 410-658909/13		8260D								
IC 410-658909/14		8260D								
IC 410-658909/15		8260D				Standared deactivated. Archon double spiked IS				
ICIS 410-658909/16		8260D								
IC 410-658909/17		8260D								
IC 410-658909/18		8260D								
ICV 410-658909/20		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 661307 | Batch Start Date: 06/23/25 14:51 | Batch Analyst: Drexinger, Marissa C

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppbEtOH 00777	MSV_CCV_2CEVE 00233	MSV_CCV_CYC 00012
BFB 410-661307/1		8260D			1 uL	1 uL				
IC 410-661307/3		8260D			5 mL	5 mL	431126			
IC 410-661307/4		8260D			5 mL	5 mL	431126			
IC 410-661307/5		8260D			5 mL	5 mL	431126			
IC 410-661307/6		8260D			5 mL	5 mL	431126			
IC 410-661307/7		8260D			5 mL	5 mL	431126			
IC 410-661307/8		8260D			5 mL	5 mL	431126			
IC 410-661307/12		8260D			5 mL	5 mL	431126	12.5 mL		
IC 410-661307/13		8260D			5 mL	5 mL	431126		4 uL	32 uL
IC 410-661307/14		8260D			5 mL	5 mL	431126		2 uL	8 uL
IC 410-661307/15		8260D			5 mL	5 mL	431126		4 uL	16 uL
ICIS 410-661307/16		8260D			5 mL	5 mL	431126		5 uL	10 uL
IC 410-661307/17		8260D			5 mL	5 mL	431126		5 uL	10 uL
IC 410-661307/18		8260D			5 mL	5 mL	431126		15 uL	30 uL
ICV 410-661307/20		8260D			5 mL	5 mL	431126			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01053	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00022	MSV_CCV_Penta 00066
BFB 410-661307/1		8260D								
IC 410-661307/3		8260D			4 uL			4 uL		4 uL
IC 410-661307/4		8260D			2 uL			2 uL		2 uL
IC 410-661307/5		8260D			4 uL			4 uL		4 uL
IC 410-661307/6		8260D			5 uL			5 uL		5 uL
IC 410-661307/7		8260D			5 uL			5 uL		5 uL
IC 410-661307/8		8260D			15 uL			15 uL		15 uL
IC 410-661307/12		8260D								

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 661307 | Batch Start Date: 06/23/25 14:51 | Batch Analyst: Drexinger, Marissa C

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_EE 00009	MSV_CCV_ETOH 00009	MSV_CCV_GASES 01053	MSV_CCV_LKB 00013	MSV_CCV_OH_Sp 00022	MSV_CCV_Penta 00066
IC 410-661307/13		8260D				20 uL	2 uL		4 uL	
IC 410-661307/14		8260D				8 uL	1 uL		2 uL	
IC 410-661307/15		8260D				16 uL	2 uL		4 uL	
ICIS 410-661307/16		8260D				10 uL	2.5 uL		5 uL	
IC 410-661307/17		8260D				10 uL	2.5 uL		5 uL	
IC 410-661307/18		8260D				30 uL	7.5 uL		15 uL	
ICV 410-661307/20		8260D								

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00050	MSV_CCV_VOC#1 00241	MSV_CCV_VOC#3 00242	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00235
BFB 410-661307/1		8260D								
IC 410-661307/3		8260D			4 uL			5 uL		
IC 410-661307/4		8260D			2 uL			5 uL		
IC 410-661307/5		8260D			4 uL			5 uL		
IC 410-661307/6		8260D			5 uL			5 uL		
IC 410-661307/7		8260D			5 uL			5 uL		
IC 410-661307/8		8260D			15 uL			5 uL		
IC 410-661307/12		8260D							5 uL	
IC 410-661307/13		8260D				4 uL	3.2 uL		5 uL	
IC 410-661307/14		8260D				2 uL	1.6 uL		5 uL	
IC 410-661307/15		8260D				4 uL	3.2 uL		5 uL	
ICIS 410-661307/16		8260D				5 uL	4 uL		5 uL	
IC 410-661307/17		8260D				5 uL	4 uL		5 uL	
IC 410-661307/18		8260D				15 uL	12 uL		5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 661307 | Batch Start Date: 06/23/25 14:51 | Batch Analyst: Drexinger, Marissa C

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_V5ACE 00050	MSV_CCV_VOC#1 00241	MSV_CCV_VOC#3 00242	MSV_Cent_ISO 00011	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00235
ICV 410-661307/20		8260D							5 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00233	MSV_LCS_CYC 00012	MSV_LCS_ETOH 00010	MSV_LCS_VOC#1 00225	MSV_Q_Acr_Std 00012	MSV_QC_2K_GAS 00309
BFB 410-661307/1		8260D								
IC 410-661307/3		8260D								
IC 410-661307/4		8260D								
IC 410-661307/5		8260D								
IC 410-661307/6		8260D								
IC 410-661307/7		8260D								
IC 410-661307/8		8260D								
IC 410-661307/12		8260D								
IC 410-661307/13		8260D								
IC 410-661307/14		8260D								
IC 410-661307/15		8260D								
ICIS 410-661307/16		8260D								
IC 410-661307/17		8260D								
IC 410-661307/18		8260D								
ICV 410-661307/20		8260D			50 uL	50 uL	50 uL	50 uL	2 uL	1 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	MSV_V_SMFreon 00062				
BFB 410-661307/1		8260D			1 uL					
IC 410-661307/3		8260D				2 uL				
IC 410-661307/4		8260D				1 uL				
IC 410-661307/5		8260D				2 uL				

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-229797-1

SDG No.:

Batch Number: 661307 Batch Start Date: 06/23/25 14:51 Batch Analyst: Drexinger, Marissa C

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_V_BFB 00019	MSV_V_SMFreon 00062				
IC 410-661307/6		8260D				2.5 uL				
IC 410-661307/7		8260D				2.5 uL				
IC 410-661307/8		8260D				7.5 uL				
IC 410-661307/12		8260D								
IC 410-661307/13		8260D								
IC 410-661307/14		8260D								
IC 410-661307/15		8260D								
ICIS 410-661307/16		8260D								
IC 410-661307/17		8260D								
IC 410-661307/18		8260D								
ICV 410-661307/20		8260D								

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 668460 | Batch Start Date: 07/08/25 21:37 | Batch Analyst: Drapcho, Adam

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 410-668460/1		8260D			1 uL	1 uL				
CCVIS 410-668460/3		8260D			5 mL	5 mL				431127
LCS 410-668460/4		8260D			5 mL	5 mL				431127
LCSD 410-668460/5		8260D			5 mL	5 mL				431127
MB 410-668460/7		8260D			5 mL	5 mL				431127
410-229797-A-1	HD-MW-166-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229797-A-2	HD-MW-167-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229797-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 00235	MSV_CCV_GASES 01075	MSV_CCV_VOC#1 00243	MSV_CCV_VOC#3 00245	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00237
BFB 410-668460/1		8260D								
CCVIS 410-668460/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-668460/4		8260D							5 uL	50 uL
LCSD 410-668460/5		8260D							5 uL	50 uL
MB 410-668460/7		8260D							5 uL	
410-229797-A-1	HD-MW-166-0/1-0	8260D	Water	T					5 uL	
410-229797-A-2	HD-MW-167-0/1-0	8260D	Water	T					5 uL	
410-229797-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 00235	MSV_LCS_Gases 00258	MSV_LCS_OH_Sp 00030	MSV_LCS_VOC#1 00227	MSV_V_Acr_Std 00010	MSV_V_BFB 00019
BFB 410-668460/1		8260D								1 uL
CCVIS 410-668460/3		8260D							1 uL	
LCS 410-668460/4		8260D			50 uL	50 uL	50 uL	50 uL		
LCSD 410-668460/5		8260D			50 uL	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.: 410-229797-1

SDG No.:

Batch Number: 668460 Batch Start Date: 07/08/25 21:37 Batch Analyst: Drapcho, Adam

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00235	MSV_LCS_Gases 00258	MSV_LCS_OH_Sp 00030	MSV_LCS_VOC#1 00227	MSV_V_Acr_Std 00010	MSV_V_BFB 00019
MB 410-668460/7		8260D								
410-229797-A-1	HD-MW-166-0/1-0	8260D	Water	T						
410-229797-A-2	HD-MW-167-0/1-0	8260D	Water	T						
410-229797-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.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 669131 | Batch Start Date: 07/09/25 20:15 | Batch Analyst: Walmer, Gavin

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 410-669131/1		8260D			1 uL	1 uL				
CCVIS 410-669131/3		8260D			5 mL	5 mL				431127
LCS 410-669131/4		8260D			5 mL	5 mL				431127
LCSD 410-669131/5		8260D			5 mL	5 mL				431127
MB 410-669131/7		8260D			5 mL	5 mL				431127
410-229797-B-1	HD-MW-166-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229797-B-2	HD-MW-167-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00235	MSV_CCV_GASES 01075	MSV_CCV_VOC#1 00243	MSV_CCV_VOC#3 00245	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00237
BFB 410-669131/1		8260D								
CCVIS 410-669131/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-669131/4		8260D							5 uL	50 uL
LCSD 410-669131/5		8260D							5 uL	50 uL
MB 410-669131/7		8260D							5 uL	
410-229797-B-1	HD-MW-166-0/1-0	8260D	Water	T					5 uL	
410-229797-B-2	HD-MW-167-0/1-0	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00235	MSV_LCS_Gases 00258	MSV_LCS_VOC#1 00227	MSV_V_BFB 00019		
BFB 410-669131/1		8260D						1 uL		
CCVIS 410-669131/3		8260D								
LCS 410-669131/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-669131/5		8260D			50 uL	50 uL	50 uL			
MB 410-669131/7		8260D								
410-229797-B-1	HD-MW-166-0/1-0	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories Job No.: 410-229797-1

SDG No.:

Batch Number: 669131 Batch Start Date: 07/09/25 20:15 Batch Analyst: Walmer, Gavin

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00235	MSV_LCS_Gases 00258	MSV_LCS_VOC#1 00227	MSV_V_BFB 00019		
410-229797-B-2	HD-MW-167-0/1-0	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 669730 | Batch Start Date: 07/10/25 20:30 | Batch Analyst: Walmer, Gavin

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 410-669730/1		8260D			1 uL	1 uL				
CCVIS 410-669730/3		8260D			5 mL	5 mL				431127
LCS 410-669730/4		8260D			5 mL	5 mL				431127
LCSD 410-669730/5		8260D			5 mL	5 mL				431127
MB 410-669730/7		8260D			5 mL	5 mL				431127
410-229797-B-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 00235	MSV_CCV_GASES 01075	MSV_CCV_VOC#1 00243	MSV_CCV_VOC#3 00245	MSV_Cent_ISSS 00036	MSV_LCS_2CEVE 00237
BFB 410-669730/1		8260D								
CCVIS 410-669730/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-669730/4		8260D							5 uL	50 uL
LCSD 410-669730/5		8260D							5 uL	50 uL
MB 410-669730/7		8260D							5 uL	
410-229797-B-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 00235	MSV_LCS_Gases 00258	MSV_LCS_VOC#1 00227	MSV_V_BFB 00019		
BFB 410-669730/1		8260D						1 uL		
CCVIS 410-669730/3		8260D								
LCS 410-669730/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-669730/5		8260D			50 uL	50 uL	50 uL			
MB 410-669730/7		8260D								
410-229797-B-3	HD-MW-168-0/1-0	8260D	Water	T						

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229797-1

SDG No.:

Batch Number: 669730 | Batch Start Date: 07/10/25 20:30 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

Envi[illegible] ; Request/Chain of Custody

eurofins | Lancaster Laboratories Environmental

410-229797 Chain of Custody

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	Matrix: Water (Potable / Ground / Surface / NPDES)	Matrix: Other	Total # of Containers	Analyses Requested: Aqueous VOCs via 8260D (standard level)	Preservation Codes: H
HD-MW-166-0/1-0	6/25/25	0917	X			X		3	X	
HD-MW-167-0/1-0	6/25/25	0910	X			X		3	X	
HD-MW-168-0/1-0	6/25/25	0905	X			X		3	X	

For Lab Use Only

SF #:

SCR #:

Preservation Codes

H = HCl | T = Thiosulfate
N = HNO_3 | B = NaOH
S = H_2SO_4 | P = H_3PO_4
O = Other

Remarks

All samples preserved on ice

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
[signature]	6/26/25	0915	[signature]	6/26/25	9:15
[signature]	6/26/25	1654			
			[signature]	6/27/25	16:30 16:54

Relinquished by Commercial Carrier:

UPS ____ FedEx ____ Other ____

Temperature upon receipt R4.0 °C C4.1

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-229797-1

Login Number: 229797

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Phillips, Ann-Marie E

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	