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ANALYTICAL REPORT

PREPARED FOR

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Suite 303
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Generated 01/02/2025

JOB DESCRIPTION

TI Area 1 Quarterly Sampling Event

JOB NUMBER

410-201496-1

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

Generated
01/02/2025

Authorized for release by
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Table of Contents

Definitions/Glossary

Client: Groundwater Sciences Corporation Job ID: 410-201496-1
Project/Site: TI Area 1 Quarterly Sampling Event

Qualifiers

GC/MS VOA

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

Glossary

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

Job Narrative
410-201496-1

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 12/19/2024 2:25 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 0.4°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 410-201498.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-590643 recovered above the upper control limit for Acetone and Chloroethane. Non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The continuing calibration verification (CCV) associated with batch 410-590643 recovered outside acceptance criteria, low biased, for 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, Bromoform and Carbon tetrachloride. A reporting limit (RL) standard was analyzed and non-detections of the affected analytes are reported. Any detections are considered estimated.

Method 8260D: The following analyte(s) recovered outside control limits for the LCS/LCSD associated with 410-590643: 1,1,1,2-Tetrachloroethane. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

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: 410-201496-1
Project/Site: TI Area 1 Quarterly Sampling Event

Client Sample ID: HD-MW-5-0/1-0
Lab Sample ID: 410-201496-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	3.9		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-6-0/1-0
Lab Sample ID: 410-201496-2

No Detections.

Client Sample ID: HD-MW-88-0/1-0
Lab Sample ID: 410-201496-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	3.5		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.54	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-101S-0/1-0
Lab Sample ID: 410-201496-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	0.50	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.7		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.62	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-MW-101D-0/1-0
Lab Sample ID: 410-201496-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.65	J	1.0	0.30	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	6.8		1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	3.8		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	4.1		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-QC1-0/1-3
Lab Sample ID: 410-201496-6

No Detections.

Client Sample ID: HD-QC1-0/1-4
Lab Sample ID: 410-201496-7

No Detections.

This Detection Summary does not include radiochemical test results.

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

Lab Sample ID: 410-201496-1

Date Collected: 12/17/24 15:10

Matrix: Water

Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 22:17	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 22:17	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 22:17	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:17	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:17	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:17	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 22:17	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:17	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 22:17	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 22:17	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 22:17	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 22:17	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 22:17	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 22:17	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 22:17	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 22:17	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 22:17	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 22:17	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 22:17	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 22:17	1
cis-1,2-Dichloroethene	**3.9**		1.0	0.30	ug/L			12/29/24 22:17	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 22:17	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 22:17	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 22:17	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 22:17	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 22:17	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 22:17	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 22:17	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 22:17	1
Trichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 22:17	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*12/29/24 22:17*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*		*12/29/24 22:17*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/29/24 22:17*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/29/24 22:17*	*1*

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

Lab Sample ID: 410-201496-2

Date Collected: 12/17/24 13:50

Matrix: Water

Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 22:36	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 22:36	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 22:36	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:36	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:36	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 22:36	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:36	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 22:36	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 22:36	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 22:36	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 22:36	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 22:36	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 22:36	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 22:36	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 22:36	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 22:36	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 22:36	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 22:36	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 22:36	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 22:36	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 22:36	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 22:36	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 22:36	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 22:36	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 22:36	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 22:36	1
Trichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 22:36	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*12/29/24 22:36*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/29/24 22:36*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/29/24 22:36*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/29/24 22:36*	*1*

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

Lab Sample ID: 410-201496-3

Date Collected: 12/17/24 14:40

Matrix: Water

Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 22:56	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 22:56	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 22:56	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:56	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:56	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:56	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 22:56	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 22:56	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 22:56	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 22:56	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 22:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 22:56	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 22:56	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 22:56	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 22:56	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 22:56	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 22:56	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 22:56	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 22:56	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 22:56	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 22:56	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 22:56	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 22:56	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 22:56	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 22:56	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 22:56	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 22:56	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 22:56	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 22:56	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 22:56	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 22:56	1
Tetrachloroethene	**3.5**		1.0	0.30	ug/L			12/29/24 22:56	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 22:56	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 22:56	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 22:56	1
Trichloroethene	**0.54**	**J**	1.0	0.30	ug/L			12/29/24 22:56	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 22:56	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*12/29/24 22:56*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/29/24 22:56*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/29/24 22:56*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/29/24 22:56*	*1*

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

Lab Sample ID: 410-201496-4

Date Collected: 12/17/24 12:05

Matrix: Water

Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 23:15	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 23:15	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 23:15	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:15	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:15	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 23:15	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 23:15	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:15	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 23:15	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 23:15	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 23:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 23:15	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 23:15	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 23:15	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 23:15	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 23:15	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 23:15	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 23:15	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 23:15	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 23:15	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 23:15	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 23:15	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 23:15	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 23:15	1
cis-1,2-Dichloroethene	**0.50**	**J**	1.0	0.30	ug/L			12/29/24 23:15	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 23:15	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 23:15	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 23:15	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 23:15	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 23:15	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 23:15	1
Tetrachloroethene	**3.7**		1.0	0.30	ug/L			12/29/24 23:15	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 23:15	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 23:15	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 23:15	1
Trichloroethene	**0.62**	**J**	1.0	0.30	ug/L			12/29/24 23:15	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 23:15	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 23:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*12/29/24 23:15*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/29/24 23:15*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/29/24 23:15*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*12/29/24 23:15*	*1*

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

Lab Sample ID: 410-201496-5

Date Collected: 12/17/24 10:48

Matrix: Water

Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 23:34	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 23:34	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 23:34	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:34	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:34	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 23:34	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 23:34	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:34	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 23:34	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 23:34	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 23:34	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 23:34	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 23:34	1
Benzene	**0.65**	**J**	1.0	0.30	ug/L			12/29/24 23:34	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 23:34	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 23:34	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 23:34	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 23:34	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 23:34	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 23:34	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 23:34	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 23:34	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 23:34	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 23:34	1
cis-1,2-Dichloroethene	**6.8**		1.0	0.30	ug/L			12/29/24 23:34	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 23:34	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 23:34	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 23:34	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 23:34	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 23:34	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 23:34	1
Tetrachloroethene	**3.8**		1.0	0.30	ug/L			12/29/24 23:34	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 23:34	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 23:34	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 23:34	1
Trichloroethene	**4.1**		1.0	0.30	ug/L			12/29/24 23:34	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 23:34	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 23:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*80 - 120*		*12/29/24 23:34*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/29/24 23:34*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/29/24 23:34*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*12/29/24 23:34*	*1*

Client: Groundwater Sciences Corporation
Job ID: 410-201496-1
Project/Site: TI Area 1 Quarterly Sampling Event

Client Sample ID: HD-QC1-0/1-3
Lab Sample ID: 410-201496-6
Date Collected: 12/17/24 15:05
Matrix: Water
Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 21:38	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 21:38	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 21:38	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 21:38	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 21:38	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 21:38	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 21:38	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 21:38	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 21:38	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 21:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 21:38	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 21:38	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 21:38	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 21:38	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 21:38	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 21:38	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 21:38	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 21:38	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 21:38	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 21:38	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 21:38	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 21:38	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 21:38	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 21:38	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 21:38	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 21:38	1
Trichloroethene	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 21:38	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*		*12/29/24 21:38*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/29/24 21:38*	*1*
Dibromofluoromethane (Surr)	*96*		*80 - 120*		*12/29/24 21:38*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/29/24 21:38*	*1*

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

Lab Sample ID: 410-201496-7

Date Collected: 12/17/24 15:00

Matrix: Water

Date Received: 12/19/24 14:25

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	^c *- cn	1.0	0.30	ug/L			12/29/24 23:54	1
1,1,1-Trichloroethane	ND	^c cn	1.0	0.30	ug/L			12/29/24 23:54	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 23:54	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:54	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:54	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 23:54	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 23:54	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 23:54	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 23:54	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 23:54	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 23:54	1
Acetone	ND	^c cn	20	0.70	ug/L			12/29/24 23:54	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 23:54	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 23:54	1
Bromoform	ND	^c cn	4.0	1.0	ug/L			12/29/24 23:54	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 23:54	1
Carbon tetrachloride	ND	^c cn	1.0	0.30	ug/L			12/29/24 23:54	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Chloroethane	ND	cn	1.0	0.30	ug/L			12/29/24 23:54	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Chloromethane	ND	^c	2.0	0.55	ug/L			12/29/24 23:54	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 23:54	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 23:54	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 23:54	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 23:54	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 23:54	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 23:54	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 23:54	1
Trichloroethene	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 23:54	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*12/29/24 23:54*	*1*
4-Bromofluorobenzene (Surr)	*98*		*80 - 120*		*12/29/24 23:54*	*1*
Dibromofluoromethane (Surr)	*98*		*80 - 120*		*12/29/24 23:54*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/29/24 23:54*	*1*

Default Detection Limits

Client: Groundwater Sciences Corporation
Job ID: 410-201496-1
Project/Site: TI Area 1 Quarterly Sampling Event

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

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

Surrogate Summary

Client: Groundwater Sciences Corporation
Job ID: 410-201496-1
Project/Site: TI Area 1 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)
410-201496-1	HD-MW-5-0/1-0	98	100	97	96
410-201496-2	HD-MW-6-0/1-0	97	99	96	96
410-201496-3	HD-MW-88-0/1-0	97	99	97	97
410-201496-4	HD-MW-101S-0/1-0	98	97	96	96
410-201496-5	HD-MW-101D-0/1-0	96	97	97	95
410-201496-6	HD-QC1-0/1-3	97	99	96	97
410-201496-7	HD-QC1-0/1-4	98	98	98	97
LCS 410-590643/4	Lab Control Sample	98	101	94	99
LCSD 410-590643/5	Lab Control Sample Dup	97	100	93	100
MB 410-590643/7	Method Blank	98	96	97	97

Surrogate Legend

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

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

Lab Sample ID: MB 410-590643/7
Matrix: Water
Analysis Batch: 590643

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			12/29/24 20:59	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
1,2-Dibromoethane (EDB)	ND		1.0	0.20	ug/L			12/29/24 20:59	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
2-Butanone (MEK)	ND		10	0.50	ug/L			12/29/24 20:59	1
2-Hexanone	ND		10	0.85	ug/L			12/29/24 20:59	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			12/29/24 20:59	1
Acetone	ND		20	0.70	ug/L			12/29/24 20:59	1
Benzene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Bromochloromethane	ND		5.0	0.20	ug/L			12/29/24 20:59	1
Bromodichloromethane	ND		1.0	0.20	ug/L			12/29/24 20:59	1
Bromoform	ND		4.0	1.0	ug/L			12/29/24 20:59	1
Bromomethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Carbon disulfide	ND		5.0	0.30	ug/L			12/29/24 20:59	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Chlorobenzene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Chloroethane	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Chloroform	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Chloromethane	ND		2.0	0.55	ug/L			12/29/24 20:59	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 20:59	1
Dibromochloromethane	ND		1.0	0.20	ug/L			12/29/24 20:59	1
Ethylbenzene	ND		1.0	0.40	ug/L			12/29/24 20:59	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			12/29/24 20:59	1
Methylene Chloride	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Styrene	ND		5.0	0.30	ug/L			12/29/24 20:59	1
Tetrachloroethene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Toluene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			12/29/24 20:59	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			12/29/24 20:59	1
Trichloroethene	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Vinyl chloride	ND		1.0	0.30	ug/L			12/29/24 20:59	1
Xylenes, Total	ND		1.0	0.40	ug/L			12/29/24 20:59	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*		*12/29/24 20:59*	*1*
4-Bromofluorobenzene (Surr)	*96*		*80 - 120*		*12/29/24 20:59*	*1*
Dibromofluoromethane (Surr)	*97*		*80 - 120*		*12/29/24 20:59*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*12/29/24 20:59*	*1*

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

Lab Sample ID: LCS 410-590643/4
Matrix: Water
Analysis Batch: 590643

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	14.9	*-	ug/L		74	79 - 120
1,1,1-Trichloroethane	20.0	16.4		ug/L		82	73 - 120
1,1,2,2-Tetrachloroethane	20.0	20.9		ug/L		104	72 - 120
1,1,2-Trichloroethane	20.0	19.5		ug/L		98	80 - 120
1,1-Dichloroethane	20.0	19.6		ug/L		98	80 - 120
1,1-Dichloroethene	20.0	19.2		ug/L		96	80 - 131
1,2-Dibromoethane (EDB)	20.0	18.9		ug/L		94	77 - 120
1,2-Dichloroethane	20.0	17.8		ug/L		89	73 - 124
1,2-Dichloropropane	20.0	20.4		ug/L		102	80 - 120
2-Butanone (MEK)	250	268		ug/L		107	59 - 135
2-Hexanone	250	278		ug/L		111	56 - 135
4-Methyl-2-pentanone (MIBK)	250	280		ug/L		112	62 - 133
Acetone	250	288		ug/L		115	57 - 143
Benzene	20.0	19.1		ug/L		96	80 - 120
Bromochloromethane	20.0	18.0		ug/L		90	80 - 120
Bromodichloromethane	20.0	17.6		ug/L		88	71 - 120
Bromoform	20.0	14.5		ug/L		72	51 - 120
Bromomethane	20.0	18.4		ug/L		92	53 - 128
Carbon disulfide	20.0	18.4		ug/L		92	65 - 128
Carbon tetrachloride	20.0	14.3		ug/L		72	64 - 134
Chlorobenzene	20.0	18.8		ug/L		94	80 - 120
Chloroethane	20.0	20.7		ug/L		104	55 - 123
Chloroform	20.0	17.8		ug/L		89	80 - 120
Chloromethane	20.0	25.9		ug/L		129	39 - 134
cis-1,2-Dichloroethene	20.0	17.9		ug/L		90	80 - 125
cis-1,3-Dichloropropene	20.0	17.2		ug/L		86	75 - 120
Dibromochloromethane	20.0	16.0		ug/L		80	71 - 120
Ethylbenzene	20.0	18.2		ug/L		91	80 - 120
Methyl tert-butyl ether	20.0	18.5		ug/L		92	69 - 122
Methylene Chloride	20.0	19.8		ug/L		99	80 - 120
Styrene	20.0	18.6		ug/L		93	80 - 120
Tetrachloroethene	20.0	16.5		ug/L		83	80 - 120
Toluene	20.0	18.6		ug/L		93	80 - 120
trans-1,2-Dichloroethene	20.0	18.4		ug/L		92	80 - 126
trans-1,3-Dichloropropene	20.0	16.0		ug/L		80	67 - 120
Trichloroethene	20.0	17.9		ug/L		89	80 - 120
Vinyl chloride	20.0	20.3		ug/L		102	56 - 120
Xylenes, Total	60.0	54.3		ug/L		91	80 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*80 - 120*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*80 - 120*
Toluene-d8 (Surr)	*99*		*80 - 120*

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

Lab Sample ID: LCSD 410-590643/5
Matrix: Water
Analysis Batch: 590643

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	14.9	*-	ug/L		75	79 - 120	0	30
1,1,1-Trichloroethane	20.0	15.7		ug/L		78	73 - 120	4	30
1,1,2,2-Tetrachloroethane	20.0	21.1		ug/L		106	72 - 120	1	30
1,1,2-Trichloroethane	20.0	19.2		ug/L		96	80 - 120	2	30
1,1-Dichloroethane	20.0	19.0		ug/L		95	80 - 120	3	30
1,1-Dichloroethene	20.0	18.9		ug/L		95	80 - 131	2	30
1,2-Dibromoethane (EDB)	20.0	18.2		ug/L		91	77 - 120	4	30
1,2-Dichloroethane	20.0	17.5		ug/L		87	73 - 124	2	30
1,2-Dichloropropane	20.0	19.7		ug/L		98	80 - 120	3	30
2-Butanone (MEK)	250	265		ug/L		106	59 - 135	1	30
2-Hexanone	250	272		ug/L		109	56 - 135	2	30
4-Methyl-2-pentanone (MIBK)	250	275		ug/L		110	62 - 133	2	30
Acetone	250	313		ug/L		125	57 - 143	8	30
Benzene	20.0	18.8		ug/L		94	80 - 120	2	30
Bromochloromethane	20.0	17.4		ug/L		87	80 - 120	4	30
Bromodichloromethane	20.0	17.2		ug/L		86	71 - 120	2	30
Bromoform	20.0	14.0		ug/L		70	51 - 120	3	30
Bromomethane	20.0	18.5		ug/L		92	53 - 128	0	30
Carbon disulfide	20.0	17.6		ug/L		88	65 - 128	5	30
Carbon tetrachloride	20.0	14.2		ug/L		71	64 - 134	1	30
Chlorobenzene	20.0	18.7		ug/L		93	80 - 120	1	30
Chloroethane	20.0	20.7		ug/L		104	55 - 123	0	30
Chloroform	20.0	17.3		ug/L		87	80 - 120	2	30
Chloromethane	20.0	26.2		ug/L		131	39 - 134	1	30
cis-1,2-Dichloroethene	20.0	17.7		ug/L		88	80 - 125	1	30
cis-1,3-Dichloropropene	20.0	16.5		ug/L		83	75 - 120	4	30
Dibromochloromethane	20.0	15.6		ug/L		78	71 - 120	3	30
Ethylbenzene	20.0	17.9		ug/L		90	80 - 120	2	30
Methyl tert-butyl ether	20.0	18.3		ug/L		91	69 - 122	1	30
Methylene Chloride	20.0	19.6		ug/L		98	80 - 120	1	30
Styrene	20.0	18.6		ug/L		93	80 - 120	0	30
Tetrachloroethene	20.0	16.4		ug/L		82	80 - 120	1	30
Toluene	20.0	18.5		ug/L		93	80 - 120	1	30
trans-1,2-Dichloroethene	20.0	18.3		ug/L		91	80 - 126	1	30
trans-1,3-Dichloropropene	20.0	15.5		ug/L		77	67 - 120	3	30
Trichloroethene	20.0	17.7		ug/L		88	80 - 120	1	30
Vinyl chloride	20.0	20.4		ug/L		102	56 - 120	0	30
Xylenes, Total	60.0	54.1		ug/L		90	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*80 - 120*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*93*		*80 - 120*
Toluene-d8 (Surr)	*100*		*80 - 120*

GC/MS VOA

Analysis Batch: 590643

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-201496-1	HD-MW-5-0/1-0	Total/NA	Water	8260D	
410-201496-2	HD-MW-6-0/1-0	Total/NA	Water	8260D	
410-201496-3	HD-MW-88-0/1-0	Total/NA	Water	8260D	
410-201496-4	HD-MW-101S-0/1-0	Total/NA	Water	8260D	
410-201496-5	HD-MW-101D-0/1-0	Total/NA	Water	8260D	
410-201496-6	HD-QC1-0/1-3	Total/NA	Water	8260D	
410-201496-7	HD-QC1-0/1-4	Total/NA	Water	8260D	
MB 410-590643/7	Method Blank	Total/NA	Water	8260D	
LCS 410-590643/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-590643/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Client Sample ID: HD-MW-5-0/1-0
Lab Sample ID: 410-201496-1
Date Collected: 12/17/24 15:10
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 22:17

Client Sample ID: HD-MW-6-0/1-0
Lab Sample ID: 410-201496-2
Date Collected: 12/17/24 13:50
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 22:36

Client Sample ID: HD-MW-88-0/1-0
Lab Sample ID: 410-201496-3
Date Collected: 12/17/24 14:40
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 22:56

Client Sample ID: HD-MW-101S-0/1-0
Lab Sample ID: 410-201496-4
Date Collected: 12/17/24 12:05
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 23:15

Client Sample ID: HD-MW-101D-0/1-0
Lab Sample ID: 410-201496-5
Date Collected: 12/17/24 10:48
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 23:34

Client Sample ID: HD-QC1-0/1-3
Lab Sample ID: 410-201496-6
Date Collected: 12/17/24 15:05
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 21:38

Client Sample ID: HD-QC1-0/1-4
Lab Sample ID: 410-201496-7
Date Collected: 12/17/24 15:00
Matrix: Water
Date Received: 12/19/24 14:25

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	590643	JS6E	ELLE	12/29/24 23:54

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: 410-201496-1
Project/Site: TI Area 1 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: 410-201496-1
Project/Site: TI Area 1 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: 410-201496-1
Project/Site: TI Area 1 Quarterly Sampling Event

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-201496-1	HD-MW-5-0/1-0	Water	12/17/24 15:10	12/19/24 14:25
410-201496-2	HD-MW-6-0/1-0	Water	12/17/24 13:50	12/19/24 14:25
410-201496-3	HD-MW-88-0/1-0	Water	12/17/24 14:40	12/19/24 14:25
410-201496-4	HD-MW-101S-0/1-0	Water	12/17/24 12:05	12/19/24 14:25
410-201496-5	HD-MW-101D-0/1-0	Water	12/17/24 10:48	12/19/24 14:25
410-201496-6	HD-QC1-0/1-3	Water	12/17/24 15:05	12/19/24 14:25
410-201496-7	HD-QC1-0/1-4	Water	12/17/24 15:00	12/19/24 14:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 568594

Lab Sample ID: IC 410-568594/4 Client Sample ID:

Date Analyzed: 10/28/24 16:32 Lab File ID: FC28X03.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	1.19	Split Peak	UKEK	10/30/24 14:15
Chloroethane	1.37	Incomplete Integration	DVW2	10/29/24 09:48
n-Pentane	1.54	Other	UKEK	10/30/24 13:58
Dichlorofluoromethane	1.55	Incomplete Integration	DVW2	10/29/24 09:48
Freon 123a	1.76	Incomplete Integration	DVW2	10/29/24 09:48
Acetone	1.86	Incomplete Integration	DVW2	10/29/24 09:48
Freon 113	1.90	Incomplete Integration	DVW2	10/29/24 09:48
2-Propanol	2.02	Incomplete Integration	DVW2	10/29/24 09:49
Carbon disulfide	2.03	Incomplete Integration	DVW2	10/29/24 09:49
Methyl acetate	2.10	Incomplete Integration	DVW2	10/29/24 09:49
Acrylonitrile	2.39	Split Peak	UKEK	10/30/24 13:59
n-Hexane	2.62	Incomplete Integration	DVW2	10/29/24 09:49
1,1-Dichloroethane	2.75	Incomplete Integration	DVW2	10/29/24 09:49
Isopropyl ether	2.78	Incomplete Integration	DVW2	10/29/24 09:49
Ethyl t-butyl ether	3.09	Incomplete Integration	DVW2	10/29/24 09:49
2-Butanone (MEK)	3.17	Incomplete Integration	DVW2	10/29/24 09:50
2,2-Dichloropropane	3.22	Incomplete Integration	DVW2	10/29/24 09:50
Propionitrile	3.28	Incomplete Integration	DVW2	10/29/24 09:50
Tetrahydrofuran	3.36	Incomplete Integration	DVW2	10/29/24 09:51
Methacrylonitrile	3.37	Incomplete Integration	DVW2	10/29/24 09:50
Isobutyl alcohol	3.85	Incomplete Integration	DVW2	10/29/24 09:52
n-Heptane	4.15	Incomplete Integration	DVW2	10/29/24 09:52
1,2-Dichloropropane	4.64	Incomplete Integration	DVW2	10/29/24 09:52

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 568594

Lab Sample ID: IC 410-568594/5 Client Sample ID:

Date Analyzed: 10/28/24 16:51 Lab File ID: FC28X04.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	10/29/24 09:40
1,3-Butadiene	1.17	Incomplete Integration	DVW2	10/29/24 09:40
Trichlorofluoromethane	1.58	Incomplete Integration	DVW2	10/29/24 09:40
Acetone	1.89	Incomplete Integration	DVW2	10/29/24 09:40
2-Propanol	1.97	Split Peak	UKEK	10/30/24 14:17
Carbon disulfide	2.04	Incomplete Integration	DVW2	10/29/24 09:40
Methyl acetate	2.09	Incomplete Integration	DVW2	10/29/24 09:40
Acrylonitrile	2.39	Split Peak	UKEK	10/30/24 13:59
Methyl tert-butyl ether	2.40	Incomplete Integration	DVW2	10/29/24 09:41
2-Butanone (MEK)	3.16	Incomplete Integration	DVW2	10/29/24 09:41
Propionitrile	3.25	Incomplete Integration	DVW2	10/29/24 09:46
Methacrylonitrile	3.37	Incomplete Integration	DVW2	10/29/24 09:46
Tetrahydrofuran	3.41	Incomplete Integration	DVW2	10/29/24 09:46
1,4-Dioxane	4.69	Incomplete Integration	DVW2	10/29/24 09:47
1,1,2,2-Tetrachloroethane	7.34	Incomplete Integration	DVW2	10/29/24 09:47

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 568594

Lab Sample ID: IC 410-568594/6 Client Sample ID:

Date Analyzed: 10/28/24 17:11 Lab File ID: FC28X05.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	10/29/24 09:37
2-Propanol	1.97	Split Peak	UKEK	10/30/24 14:18
Carbon disulfide	2.03	Incomplete Integration	DVW2	10/29/24 09:38
Acrylonitrile	2.39	Split Peak	UKEK	10/30/24 13:59
2-Butanone (MEK)	3.16	Split Peak	UKEK	10/30/24 14:19
Propionitrile	3.25	Incomplete Integration	DVW2	10/29/24 09:38
Methacrylonitrile	3.37	Incomplete Integration	DVW2	10/29/24 09:38
Tetrahydrofuran	3.41	Incomplete Integration	DVW2	10/29/24 09:38
n-Heptane	4.15	Incomplete Integration	DVW2	10/29/24 09:38
1,2-Dichloropropane	4.64	Incomplete Integration	DVW2	10/29/24 09:39
1,4-Dioxane	4.68	Incomplete Integration	DVW2	10/29/24 09:39
1,1,2,2-Tetrachloroethane	7.34	Incomplete Integration	DVW2	10/29/24 09:37

Lab Sample ID: IC 410-568594/7 Client Sample ID:

Date Analyzed: 10/28/24 17:30 Lab File ID: FC28X06.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	10/29/24 08:56
2-Propanol	1.97	Split Peak	UKEK	10/30/24 14:19
Carbon disulfide	2.04	Incomplete Integration	DVW2	10/29/24 08:56
Acrylonitrile	2.39	Split Peak	UKEK	10/30/24 13:59
2-Butanone (MEK)	3.16	Incomplete Integration	DVW2	10/29/24 08:57
Propionitrile	3.27	Incomplete Integration	DVW2	10/29/24 08:57
Methacrylonitrile	3.37	Incomplete Integration	DVW2	10/29/24 08:57
Tetrahydrofuran	3.40	Incomplete Integration	DVW2	10/29/24 08:57
n-Heptane	4.15	Incomplete Integration	DVW2	10/29/24 08:58
1,4-Dioxane	4.68	Incomplete Integration	DVW2	10/29/24 08:58
1,1,2,2-Tetrachloroethane	7.34	Incomplete Integration	DVW2	10/29/24 08:58

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 568594

Lab Sample ID: ICIS 410-568594/8 Client Sample ID:

Date Analyzed: 10/28/24 17:50 Lab File ID: FC28X07.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.13	Incomplete Integration	DVW2	10/29/24 08:04
Trichlorofluoromethane	1.59	Incomplete Integration	DVW2	10/29/24 08:05
Acetone	1.89	Incomplete Integration	DVW2	10/29/24 08:47
2-Propanol	2.03	Incomplete Integration	DVW2	10/29/24 08:07
Carbon disulfide	2.05	Incomplete Integration	DVW2	10/29/24 08:07
Acrylonitrile	2.40	Split Peak	UKEK	10/30/24 14:21
2-Butanone (MEK)	3.16	Incomplete Integration	DVW2	10/29/24 08:08
Propionitrile	3.26	Incomplete Integration	DVW2	10/29/24 08:09
Methacrylonitrile	3.38	Incomplete Integration	DVW2	10/29/24 08:09
Tetrahydrofuran	3.41	Incomplete Integration	DVW2	10/29/24 08:09
n-Heptane	4.15	Incomplete Integration	DVW2	10/29/24 08:10

Lab Sample ID: IC 410-568594/9 Client Sample ID:

Date Analyzed: 10/28/24 18:09 Lab File ID: FC28X08.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.13	Incomplete Integration	DVW2	10/29/24 08:12
Trichlorofluoromethane	1.58	Incomplete Integration	DVW2	10/29/24 08:46
Acetone	1.88	Incomplete Integration	DVW2	10/29/24 08:46
2-Propanol	1.98	Incomplete Integration	DVW2	10/29/24 08:48
Carbon disulfide	2.04	Incomplete Integration	DVW2	10/29/24 08:48
2-Butanone (MEK)	3.17	Incomplete Integration	DVW2	10/29/24 08:48
Propionitrile	3.26	Incomplete Integration	DVW2	10/29/24 08:49
Methacrylonitrile	3.37	Incomplete Integration	DVW2	10/29/24 08:49
Tetrahydrofuran	3.40	Incomplete Integration	DVW2	10/29/24 08:49
n-Heptane	4.15	Incomplete Integration	DVW2	10/29/24 09:53
1,4-Dioxane	4.69	Incomplete Integration	DVW2	10/29/24 08:49
sec-Butylbenzene	7.79	Incomplete Integration	DVW2	10/29/24 08:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 568594

Lab Sample ID: IC 410-568594/10 Client Sample ID:

Date Analyzed: 10/28/24 18:29 Lab File ID: FC28X09.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.12	Incomplete Integration	DVW2	10/29/24 08:50
2-Propanol	1.96	Incomplete Integration	DVW2	10/29/24 08:51
Carbon disulfide	2.04	Incomplete Integration	DVW2	10/29/24 08:51
Acrylonitrile	2.38	Split Peak	UKEK	10/30/24 14:00
Propionitrile	3.26	Incomplete Integration	DVW2	10/29/24 08:51
1,4-Dioxane	4.68	Incomplete Integration	DVW2	10/29/24 08:51
m&p-Xylene	6.69	Incomplete Integration	DVW2	10/29/24 08:50
Styrene	6.94	Incomplete Integration	DVW2	10/29/24 08:52
Isopropylbenzene	7.15	Incomplete Integration	DVW2	10/29/24 08:50
4-Chlorotoluene	7.51	Incomplete Integration	DVW2	10/29/24 08:50
sec-Butylbenzene	7.79	Incomplete Integration	DVW2	10/29/24 08:50
Benzyl chloride	7.97	Incomplete Integration	DVW2	10/29/24 08:50
1,2-Diethylbenzene	8.13	Incomplete Integration	DVW2	10/29/24 08:50
Naphthalene	9.05	Incomplete Integration	DVW2	10/29/24 08:50
2-Methylnaphthalene	9.60	Incomplete Integration	DVW2	10/29/24 08:50

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 568594

Lab Sample ID: ICV 410-568594/12 Client Sample ID:

Date Analyzed: 10/28/24 19:08 Lab File ID: FC28X11.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Chloromethane	1.13	Incomplete Integration	DVW2	10/29/24 10:50
2-Propanol	1.98	Split Peak	UKEK	10/30/24 14:25
Carbon disulfide	2.04	Incomplete Integration	DVW2	10/29/24 10:50
Acrylonitrile	2.39	Split Peak	UKEK	10/30/24 14:01
2-Butanone (MEK)	3.16	Incomplete Integration	DVW2	10/29/24 10:51
Propionitrile	3.26	Incomplete Integration	DVW2	10/29/24 10:51
Methacrylonitrile	3.37	Incomplete Integration	DVW2	10/29/24 10:51
Tetrahydrofuran	3.40	Incomplete Integration	DVW2	10/29/24 10:51
n-Heptane	4.15	Incomplete Integration	DVW2	10/29/24 10:51
1,4-Dioxane	4.69	Split Peak	UKEK	10/30/24 14:25

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 590643

Lab Sample ID: CCVIS 410-590643/3 Client Sample ID:

Date Analyzed: 12/29/24 19:40 Lab File ID: FD29X02.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Trichlorofluoromethane	1.57	Incomplete Integration	JS6E	12/29/24 20:15
2-Propanol	1.97	Incomplete Integration	JS6E	12/29/24 20:25
Carbon disulfide	2.03	Split Peak	JS6E	12/29/24 20:16
Methyl acetate	2.09	Incomplete Integration	JS6E	12/29/24 20:17
Tetrahydrofuran	3.39	Incomplete Integration	JS6E	12/29/24 20:17
1,4-Dioxane	4.68	Split Peak	JS6E	12/29/24 20:18

Lab Sample ID: LCS 410-590643/4 Client Sample ID:

Date Analyzed: 12/29/24 20:00 Lab File ID: FD29X03.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	2.03	Split Peak	JS6E	12/29/24 20:26

Lab Sample ID: LCSD 410-590643/5 Client Sample ID:

Date Analyzed: 12/29/24 20:19 Lab File ID: FD29X04.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	2.04	Split Peak	JS6E	12/29/24 21:01

Lab Sample ID: MB 410-590643/7 Client Sample ID:

Date Analyzed: 12/29/24 20:59 Lab File ID: FD29X06.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	JS6E	12/29/24 21:44

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 590643

Lab Sample ID: 410-201496-6 Client Sample ID: HD-QC1-0/1-3

Date Analyzed: 12/29/24 21:38 Lab File ID: FD29X08.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:06

Lab Sample ID: 410-201496-1 Client Sample ID: HD-MW-5-0/1-0

Date Analyzed: 12/29/24 22:17 Lab File ID: FD29X10.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:06

Lab Sample ID: 410-201496-2 Client Sample ID: HD-MW-6-0/1-0

Date Analyzed: 12/29/24 22:36 Lab File ID: FD29X11.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:07

Lab Sample ID: 410-201496-3 Client Sample ID: HD-MW-88-0/1-0

Date Analyzed: 12/29/24 22:56 Lab File ID: FD29X12.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:07

Lab Sample ID: 410-201496-4 Client Sample ID: HD-MW-101S-0/1-0

Date Analyzed: 12/29/24 23:15 Lab File ID: FD29X13.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:07

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Analysis Batch Number: 590643

Lab Sample ID: 410-201496-5 Client Sample ID: HD-MW-101D-0/1-0

Date Analyzed: 12/29/24 23:34 Lab File ID: FD29X14.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1-Dichloroethane	2.76	Invalid Compound ID	Y6ZN	12/30/24 22:07
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:08

Lab Sample ID: 410-201496-7 Client Sample ID: HD-QC1-0/1-4

Date Analyzed: 12/29/24 23:54 Lab File ID: FD29X15.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Methyl-2-pentanone (MIBK)		Invalid Compound ID	Y6ZN	12/30/24 22:08

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppb_00006	11/04/24	10/28/24	DI Water, Lot DI 23226	1000 mL	MSV_CCV_2CEVE_00199	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_GASES_00905	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_00207	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-Dibromoethane (EDB)	4 ug/L
							1,2-Dichlorobenzene	4 ug/L
							1,2-Dichloroethane	4 ug/L
							1,2-Dichloropropane	4 ug/L
							1,3,5-Trimethylbenzene	4 ug/L
							1,3-Dichlorobenzene	4 ug/L
							1,3-Dichloropropane	4 ug/L
							1,4-Dichlorobenzene	4 ug/L
							2,2-Dichloropropane	4 ug/L
							2-Chlorotoluene	4 ug/L
							4-Chlorotoluene	4 ug/L
							4-Isopropyltoluene	4 ug/L
							Benzene	4 ug/L
							Bromobenzene	4 ug/L
							Bromochloromethane	4 ug/L
							Bromodichloromethane	4 ug/L
							Bromoform	4 ug/L
							Carbon tetrachloride	4 ug/L
							Chlorobenzene	4 ug/L
							Chloroform	4 ug/L
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00205	3.2 uL	Acrolein	40.0851 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_00199	11/27/24	10/28/24	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00206	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00206	05/31/27		Restek, Lot A0211425		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_GASES_00905	11/04/24		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_00207	11/27/24	10/28/24	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00206	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL
							Naphthalene	1000 ug/mL
							o-Xylene	1000 ug/mL
							sec-Butylbenzene	1000 ug/mL
							Styrene	1000 ug/mL
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00204	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00206	11/27/24		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00204	11/27/24		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

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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		
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00205	11/25/24	10/28/24	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00023	0.5 mL	Acrolein	12526.6 ug/mL
					MSV_V_Ketones_00205	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_00023	11/25/24	09/26/24	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00043	8.846 mL	Acrolein	125266 ug/mL
...MSV_VACR_STK_00043	11/25/24	09/26/24	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00035	1.5243 g	Acrolein	141607 ug/mL
....MSV_ACROLEIN_00035	01/31/25	Chem Service, Lot 15493200			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00205	04/30/27	Restek, Lot A0210935			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_2CEVE_00199	11/27/24	10/28/24	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00206	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00206	05/31/27	Restek, Lot A0211425			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_GASES_00905	11/04/24	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_00921	01/02/25	Restek, Lot A0212054			(Purchased Reagent)		Bromomethane	2000 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		
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_VOC#1_00207	11/27/24	10/28/24	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00206	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,1-Dichloropropene	1000 ug/mL
							1,2,3-Trichlorobenzene	1000 ug/mL
							1,2,3-Trichloropropane	1000 ug/mL
							1,2,4-Trichlorobenzene	1000 ug/mL
							1,2,4-Trimethylbenzene	1000 ug/mL
							1,2-Dibromo-3-Chloropropane	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichlorobenzene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							1,3,5-Trimethylbenzene	1000 ug/mL
							1,3-Dichlorobenzene	1000 ug/mL
							1,3-Dichloropropane	1000 ug/mL
							1,4-Dichlorobenzene	1000 ug/mL
							2,2-Dichloropropane	1000 ug/mL
							2-Chlorotoluene	1000 ug/mL
							4-Chlorotoluene	1000 ug/mL
							4-Isopropyltoluene	1000 ug/mL
							Benzene	1000 ug/mL
							Bromobenzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Dibromomethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Hexachlorobutadiene	1000 ug/mL
							Isopropylbenzene	1000 ug/mL
							m-Xylene & p-Xylene	2000 ug/mL
							Methylene Chloride	1000 ug/mL
							n-Butylbenzene	1000 ug/mL
							N-Propylbenzene	1000 ug/mL

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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		
							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_00204	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL

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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		
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00206	11/27/24		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL
							1,2,3-Trichloropropane	5000 ug/mL
							1,2,4-Trichlorobenzene	5000 ug/mL
							1,2,4-Trimethylbenzene	5000 ug/mL
							1,2-Dibromo-3-Chloropropane	5000 ug/mL
							1,2-Dibromoethane (EDB)	5000 ug/mL
							1,2-Dichlorobenzene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							1,3,5-Trimethylbenzene	5000 ug/mL
							1,3-Dichlorobenzene	5000 ug/mL
							1,3-Dichloropropane	5000 ug/mL
							1,4-Dichlorobenzene	5000 ug/mL
							2,2-Dichloropropane	5000 ug/mL
							2-Chlorotoluene	5000 ug/mL
							4-Chlorotoluene	5000 ug/mL
							4-Isopropyltoluene	5000 ug/mL
							Benzene	5000 ug/mL
							Bromobenzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Dibromomethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL

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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		
							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_00204	11/27/24		Restek, Lot A0212010		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL

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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_VOC#1_00215	01/22/25	12/23/24	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00212	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_00216	1 mL	Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_MegaMIX#1_00212	01/22/25		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
							1,2-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

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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
							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_00216	01/22/25		Restek, Lot A0212010		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
MSV_CCV_VOC#3_00205	11/25/24	10/28/24	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00023	0.5 mL	Acrolein	12526.6 ug/mL
					MSV_V_Ketones_00205	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_00023	11/25/24	09/26/24	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00043	8.846 mL	Acrolein	125266 ug/mL
..MSV_VACR_STK_00043	11/25/24	09/26/24	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00035	1.5243 g	Acrolein	141607 ug/mL
...MSV_ACROLEIN_00035	01/31/25		Chem Service, Lot 15493200		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00205	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_00215	01/20/25	12/23/24	Methanol, Lot EH471	5 mL	MSV_V_Ketones_00223	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_00223	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_Cent_ISSS_00032	04/09/25	10/09/24	Methanol, Lot EH822-US	50 mL	MSV_8260_SS_01309	1 mL	1,2-Dichloroethane-d4 (Surr)	50 ug/mL
							4-Bromofluorobenzene (Surr)	50 ug/mL
							Dibromofluoromethane (Surr)	50 ug/mL
							Toluene-d8 (Surr)	50 ug/mL
					MSV_Cus826_IS_00651	1 mL	1,4-Dichlorobenzene-d4	50 ug/mL
							Chlorobenzene-d5 (IS)	50 ug/mL
							Fluorobenzene (IS)	50 ug/mL
							t-Butyl alcohol-d10 (IS)	250 ug/mL
.MSV_8260_SS_01309	04/09/25		Restek, Lot A0209669		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
.MSV_Cus826_IS_00651	10/09/25		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL

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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		
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_LCS_Gases_00230	12/30/24	12/23/24	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00278	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00278	12/30/24		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_00191	11/27/24	10/28/24	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00233	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_00232	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00229	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_00233	05/31/27		Restek, Lot A0211284		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dibromoethane (EDB)	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00232	05/31/27		Restek, Lot A0212017		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00229	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_00201	01/22/25	12/23/24	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00244	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Chloroform	40 ug/mL
							cis-1,2-Dichloroethene	40 ug/mL
							cis-1,3-Dichloropropene	40 ug/mL
							Dibromochloromethane	40 ug/mL
							Ethylbenzene	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
							trans-1,3-Dichloropropene	40 ug/mL
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00242	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00246	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_00244	05/31/27		Restek, Lot A0211284		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							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_00242	05/31/27		Restek, Lot A0212017		(Purchased Reagent)		Carbon disulfide	1000 ug/mL

REAGENT TRACEABILITY SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00246	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_00273	11/04/24	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_00017							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	
							Total Diethylbenzene	
							Xylenes, Total	
					MSV_VBFB_STK_00012	0.09 mL	BFB	50.112 ug/mL
.MSV_VBFB_STK_00012	12/02/24	06/02/24	Methanol, Lot EH471	10 mL	MSV_4BFB_NEAT_00011	1.392 g	BFB	139200 ug/mL
..MSV_4BFB_NEAT_00011	05/31/25	Chem Service, Lot 15267000			(Purchased Reagent)		BFB	1 g/g
MSV_V_BFB_00018							1,2-Dichloroethene, Total	
							1,3-Dichloropropene, Total	
							divinyl benzene	
							Tentatively Identified Compound	
							Total BTEX	
							Total Diethylbenzene	
							Xylenes, Total	
					MSV_VBFB_STK_00013	0.09 mL	BFB	50.076 ug/mL
.MSV_VBFB_STK_00013	05/31/25	12/02/24	Methanol, Lot EH471	10 mL	MSV_4BFB_NEAT_00012	1.391 g	BFB	139100 ug/mL
..MSV_4BFB_NEAT_00012	05/31/25	Chem Service, Lot 15267000			(Purchased Reagent)		BFB	1 g/g

Reagent

MSV_8260_SS_01309

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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. : 30240 **Lot No.:** A0209669

Description : 8260A Surrogate Mix

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

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

Expiration Date : April 30, 2029 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Dibromofluoromethane	1868-53-7	022013	99%	2,508.3 µg/mL	+/- 140.9026
2	1,2-Dichloroethane-d4	17060-07-0	PR-33313	99%	2,520.3 µg/mL	+/- 141.5767
3	Toluene-d8	2037-26-5	PR-34141	99%	2,518.3 µg/mL	+/- 141.4644
4	1-Bromo-4-fluorobenzene (BFB)	460-00-4	0000194533	99%	2,517.0 µg/mL	+/- 141.3941

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

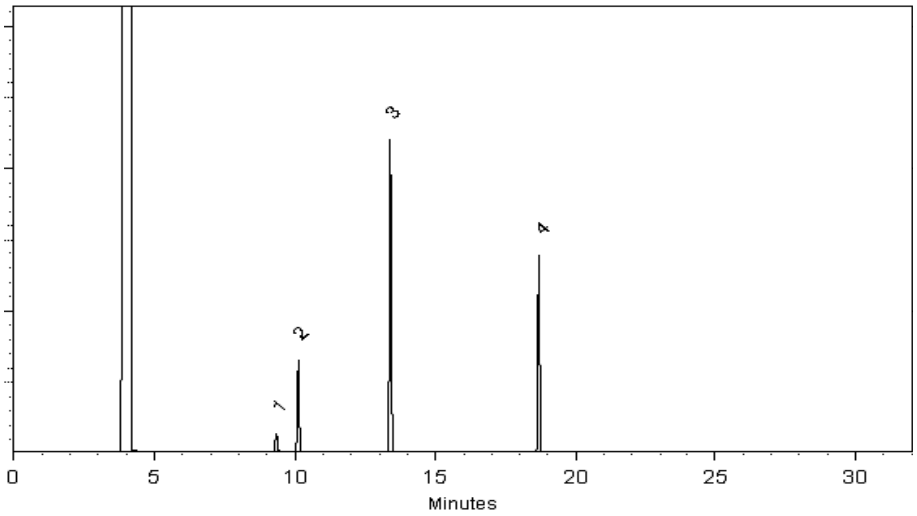
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Ethan Winiarski - Operations Tech I

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

Dillan Murphy - Operations Technician I

Date Passed: 03-Apr-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_Cus826_IS_00651

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CERTIFIED REFERENCE MATERIAL

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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.)

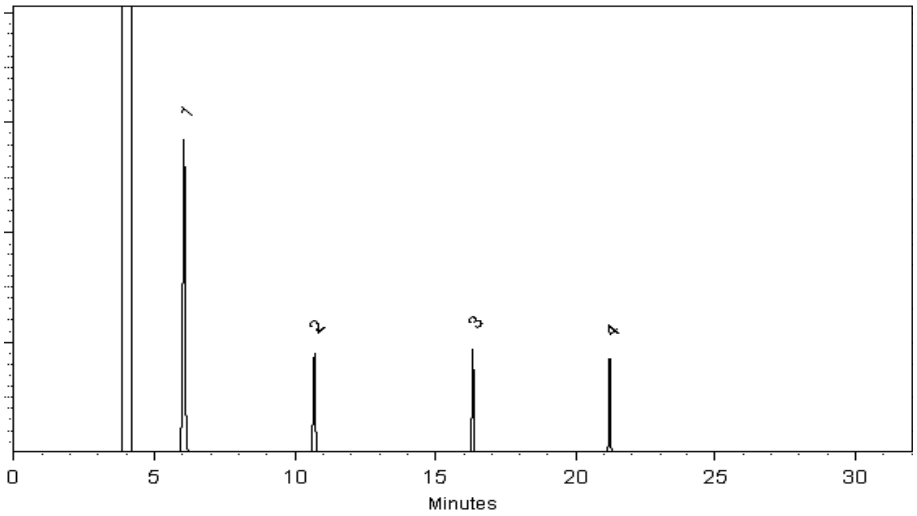
Inj. Temp:
200°C

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_00273

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CERTIFIED REFERENCE MATERIAL

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ACCREDITED ISO 17034 Accredited Reference Material Producer Certificate #3222.01

ACCREDITED ISO/IEC 17025 Accredited Testing Laboratory Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom Gases.SEC Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

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

Quality Confirmation Test

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

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

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

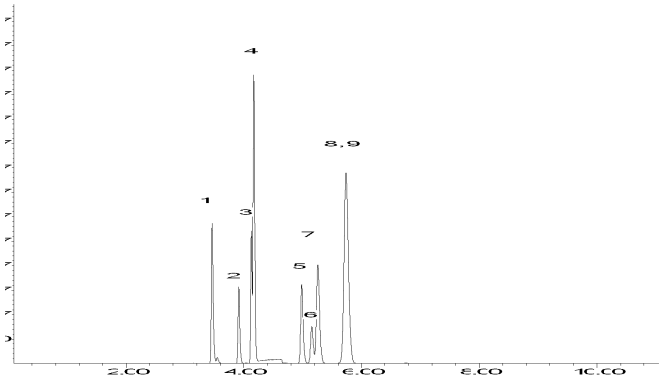
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Matt Fragassi - Mix Technician

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

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.: 410-201496-1

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-5-0/1-0	410-201496-1	97	98	96	100
HD-MW-6-0/1-0	410-201496-2	96	97	96	99
HD-MW-88-0/1-0	410-201496-3	97	97	97	99
HD-MW-101S-0/1-0	410-201496-4	96	98	96	97
HD-MW-101D-0/1-0	410-201496-5	97	96	95	97
HD-QC1-0/1-3	410-201496-6	96	97	97	99
HD-QC1-0/1-4	410-201496-7	98	98	97	98
	MB 410-590643/7	97	98	97	96
	LCS 410-590643/4	94	98	99	101
	LCSD 410-590643/5	93	97	100	100

	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.: 410-201496-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FD29X03.D

Lab ID: LCS 410-590643/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	14.9	74	79-120	*-
1,1,1-Trichloroethane	20.0	16.4	82	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.9	104	72-120	
1,1,2-Trichloroethane	20.0	19.5	98	80-120	
1,1-Dichloroethane	20.0	19.6	98	80-120	
1,1-Dichloroethene	20.0	19.2	96	80-131	
1,2-Dibromoethane (EDB)	20.0	18.9	94	77-120	
1,2-Dichloroethane	20.0	17.8	89	73-124	
1,2-Dichloropropane	20.0	20.4	102	80-120	
2-Butanone (MEK)	250	268	107	59-135	
2-Hexanone	250	278	111	56-135	
4-Methyl-2-pentanone (MIBK)	250	280	112	62-133	
Acetone	250	288	115	57-143	
Benzene	20.0	19.1	96	80-120	
Bromochloromethane	20.0	18.0	90	80-120	
Bromodichloromethane	20.0	17.6	88	71-120	
Bromoform	20.0	14.5	72	51-120	
Bromomethane	20.0	18.4	92	53-128	
Carbon disulfide	20.0	18.4	92	65-128	
Carbon tetrachloride	20.0	14.3	72	64-134	
Chlorobenzene	20.0	18.8	94	80-120	
Chloroethane	20.0	20.7	104	55-123	
Chloroform	20.0	17.8	89	80-120	
Chloromethane	20.0	25.9	129	39-134	
cis-1,2-Dichloroethene	20.0	17.9	90	80-125	
cis-1,3-Dichloropropene	20.0	17.2	86	75-120	
Dibromochloromethane	20.0	16.0	80	71-120	
Ethylbenzene	20.0	18.2	91	80-120	
Methyl tert-butyl ether	20.0	18.5	92	69-122	
Methylene Chloride	20.0	19.8	99	80-120	
Styrene	20.0	18.6	93	80-120	
Tetrachloroethene	20.0	16.5	83	80-120	
Toluene	20.0	18.6	93	80-120	
trans-1,2-Dichloroethene	20.0	18.4	92	80-126	
trans-1,3-Dichloropropene	20.0	16.0	80	67-120	
Trichloroethene	20.0	17.9	89	80-120	
Vinyl chloride	20.0	20.3	102	56-120	
Xylenes, Total	60.0	54.3	91	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.: 410-201496-1

SDG No.:

Matrix: Water Level: Low Lab File ID: FD29X04.D

Lab ID: LCSD 410-590643/5 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	14.9	75	0	30	79-120	*-
1,1,1-Trichloroethane	20.0	15.7	78	4	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	21.1	106	1	30	72-120	
1,1,2-Trichloroethane	20.0	19.2	96	2	30	80-120	
1,1-Dichloroethane	20.0	19.0	95	3	30	80-120	
1,1-Dichloroethene	20.0	18.9	95	2	30	80-131	
1,2-Dibromoethane (EDB)	20.0	18.2	91	4	30	77-120	
1,2-Dichloroethane	20.0	17.5	87	2	30	73-124	
1,2-Dichloropropane	20.0	19.7	98	3	30	80-120	
2-Butanone (MEK)	250	265	106	1	30	59-135	
2-Hexanone	250	272	109	2	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	275	110	2	30	62-133	
Acetone	250	313	125	8	30	57-143	
Benzene	20.0	18.8	94	2	30	80-120	
Bromochloromethane	20.0	17.4	87	4	30	80-120	
Bromodichloromethane	20.0	17.2	86	2	30	71-120	
Bromoform	20.0	14.0	70	3	30	51-120	
Bromomethane	20.0	18.5	92	0	30	53-128	
Carbon disulfide	20.0	17.6	88	5	30	65-128	
Carbon tetrachloride	20.0	14.2	71	1	30	64-134	
Chlorobenzene	20.0	18.7	93	1	30	80-120	
Chloroethane	20.0	20.7	104	0	30	55-123	
Chloroform	20.0	17.3	87	2	30	80-120	
Chloromethane	20.0	26.2	131	1	30	39-134	
cis-1,2-Dichloroethene	20.0	17.7	88	1	30	80-125	
cis-1,3-Dichloropropene	20.0	16.5	83	4	30	75-120	
Dibromochloromethane	20.0	15.6	78	3	30	71-120	
Ethylbenzene	20.0	17.9	90	2	30	80-120	
Methyl tert-butyl ether	20.0	18.3	91	1	30	69-122	
Methylene Chloride	20.0	19.6	98	1	30	80-120	
Styrene	20.0	18.6	93	0	30	80-120	
Tetrachloroethene	20.0	16.4	82	1	30	80-120	
Toluene	20.0	18.5	93	1	30	80-120	
trans-1,2-Dichloroethene	20.0	18.3	91	1	30	80-126	
trans-1,3-Dichloropropene	20.0	15.5	77	3	30	67-120	
Trichloroethene	20.0	17.7	88	1	30	80-120	
Vinyl chloride	20.0	20.4	102	0	30	56-120	
Xylenes, Total	60.0	54.1	90	0	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.: 410-201496-1

SDG No.:

Lab File ID: FD29X06.D Lab Sample ID: MB 410-590643/7

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

Instrument ID: 15830 Date Analyzed: 12/29/2024 20:59

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 410-590643/4	FD29X03.D	12/29/2024 20:00
	LCSD 410-590643/5	FD29X04.D	12/29/2024 20:19
HD-QC1-0/1-3	410-201496-6	FD29X08.D	12/29/2024 21:38
HD-MW-5-0/1-0	410-201496-1	FD29X10.D	12/29/2024 22:17
HD-MW-6-0/1-0	410-201496-2	FD29X11.D	12/29/2024 22:36
HD-MW-88-0/1-0	410-201496-3	FD29X12.D	12/29/2024 22:56
HD-MW-101S-0/1-0	410-201496-4	FD29X13.D	12/29/2024 23:15
HD-MW-101D-0/1-0	410-201496-5	FD29X14.D	12/29/2024 23:34
HD-QC1-0/1-4	410-201496-7	FD29X15.D	12/29/2024 23:54

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab File ID: FC28T01.D BFB Injection Date: 10/28/2024

Instrument ID: 15830 BFB Injection Time: 15:41

Analysis Batch No.: 568594

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.2	
75	30.0 - 60.0 % of mass 95	49.4	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.9	
173	Less than 2.0 % of mass 174	0.3	(0.3) 1
174	Greater than 50% of mass 95	86.0	
175	5.0 - 9.0 % of mass 174	6.2	(7.2) 1
176	95.0 - 101.0 % of mass 174	84.4	(98.1) 1
177	5.0 - 9.0 % of mass 176	5.4	(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 410-568594/4	FC28X03.D	10/28/2024	16:32
	IC 410-568594/5	FC28X04.D	10/28/2024	16:51
	IC 410-568594/6	FC28X05.D	10/28/2024	17:11
	IC 410-568594/7	FC28X06.D	10/28/2024	17:30
	ICIS 410-568594/8	FC28X07.D	10/28/2024	17:50
	IC 410-568594/9	FC28X08.D	10/28/2024	18:09
	IC 410-568594/10	FC28X09.D	10/28/2024	18:29
	ICV 410-568594/12	FC28X11.D	10/28/2024	19:08

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab File ID: FD29T01.D BFB Injection Date: 12/29/2024

Instrument ID: 15830 BFB Injection Time: 19:05

Analysis Batch No.: 590643

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	17.1	
75	30.0 - 60.0 % of mass 95	46.8	
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	(0.9) 1
174	Greater than 50% of mass 95	85.6	
175	5.0 - 9.0 % of mass 174	6.3	(7.4) 1
176	95.0 - 101.0 % of mass 174	84.8	(99.0) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-590643/3	FD29X02.D	12/29/2024	19:40
	LCS 410-590643/4	FD29X03.D	12/29/2024	20:00
	LCSD 410-590643/5	FD29X04.D	12/29/2024	20:19
	MB 410-590643/7	FD29X06.D	12/29/2024	20:59
HD-QC1-0/1-3	410-201496-6	FD29X08.D	12/29/2024	21:38
HD-MW-5-0/1-0	410-201496-1	FD29X10.D	12/29/2024	22:17
HD-MW-6-0/1-0	410-201496-2	FD29X11.D	12/29/2024	22:36
HD-MW-88-0/1-0	410-201496-3	FD29X12.D	12/29/2024	22:56
HD-MW-101S-0/1-0	410-201496-4	FD29X13.D	12/29/2024	23:15
HD-MW-101D-0/1-0	410-201496-5	FD29X14.D	12/29/2024	23:34
HD-QC1-0/1-4	410-201496-7	FD29X15.D	12/29/2024	23:54

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Sample No.: ICIS 410-568594/8 Date Analyzed: 10/28/2024 17:50

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

Lab File ID (Standard): FC28X07.D Heated Purge: (Y/N) N

Calibration ID: 66972

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		374855	2.29	630981	4.13	420372	6.51
UPPER LIMIT		749710	2.79	1261962	4.63	840744	7.01
LOWER LIMIT		187428	1.79	315491	3.63	210186	6.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-568594/12		337848	2.23	560790	4.13	352666	6.51
CCVIS 410-590643/3		327605	2.24	619998	4.12	432889	6.51

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.: 410-201496-1

SDG No.:

Sample No.: ICIS 410-568594/8 Date Analyzed: 10/28/2024 17:50

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

Lab File ID (Standard): FC28X07.D Heated Purge: (Y/N) N

Calibration ID: 66972

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		255427	7.89				
UPPER LIMIT		510854	8.39				
LOWER LIMIT		127714	7.39				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-568594/12		223395	7.89				
CCVIS 410-590643/3		243598	7.89				

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.: 410-201496-1

SDG No.:

Sample No.: CCVIS 410-590643/3 Date Analyzed: 12/29/2024 19:40

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

Lab File ID (Standard): FD29X02.D Heated Purge: (Y/N) N

Calibration ID: 66972

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		327605	2.24	619998	4.12	432889	6.51
UPPER LIMIT		655210	2.74	1239996	4.62	865778	7.01
LOWER LIMIT		163803	1.74	309999	3.62	216445	6.01
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-590643/4		331990	2.22	609667	4.12	417444	6.51
LCSD 410-590643/5		326856	2.23	609622	4.12	409925	6.51
MB 410-590643/7		306727	2.22	561423	4.12	387181	6.51
410-201496-6	HD-QC1-0/1-3	288411	2.25	576901	4.12	397897	6.51
410-201496-1	HD-MW-5-0/1-0	281826	2.28	612160	4.13	423297	6.51
410-201496-2	HD-MW-6-0/1-0	287692	2.29	606804	4.13	419764	6.51
410-201496-3	HD-MW-88-0/1-0	269376	2.27	564468	4.12	387887	6.51
410-201496-4	HD-MW-101S-0/1-0	272609	2.22	568508	4.12	392791	6.51
410-201496-5	HD-MW-101D-0/1-0	271493	2.28	599627	4.13	420245	6.51
410-201496-7	HD-QC1-0/1-4	258398	2.24	535516	4.12	366531	6.51

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.: 410-201496-1

SDG No.:

Sample No.: CCVIS 410-590643/3 Date Analyzed: 12/29/2024 19:40

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

Lab File ID (Standard): FD29X02.D Heated Purge: (Y/N) N

Calibration ID: 66972

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		243598	7.89				
UPPER LIMIT		487196	8.39				
LOWER LIMIT		121799	7.39				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-590643/4		239359	7.89				
LCSD 410-590643/5		235495	7.89				
MB 410-590643/7		229185	7.89				
410-201496-6	HD-QC1-0/1-3	236440	7.89				
410-201496-1	HD-MW-5-0/1-0	250042	7.89				
410-201496-2	HD-MW-6-0/1-0	249309	7.89				
410-201496-3	HD-MW-88-0/1-0	230512	7.89				
410-201496-4	HD-MW-101S-0/1-0	229310	7.89				
410-201496-5	HD-MW-101D-0/1-0	247147	7.89				
410-201496-7	HD-QC1-0/1-4	221344	7.89				

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.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-5-0/1-0
Lab Sample ID: 410-201496-1

Matrix: Water
Lab File ID: FD29X10.D

Analysis Method: 8260D
Date Collected: 12/17/2024 15:10

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 22:17

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	3.9		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-5-0/1-0
Lab Sample ID: 410-201496-1

Matrix: Water
Lab File ID: FD29X10.D

Analysis Method: 8260D
Date Collected: 12/17/2024 15:10

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 22:17

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		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)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X10.D
Lims ID: 410-201496-A-1
Client ID: HD-MW-5-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 22:17:01 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-011
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:06:51

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	2 Chloromethane	50		1.124				ND	
	3 Vinyl chloride	62		1.179				ND	
	5 Bromomethane	94		1.368				ND	
	6 Chloroethane	64		1.381				ND	
	11 Acetone	58		1.844				ND	
	10 1,1-Dichloroethene	96		1.854				ND	
	14 Carbon disulfide	76		2.031				ND	
	19 Methylene Chloride	84		2.204				ND	
*	20 t-Butyl alcohol-d10 (IS)	65	2.281	2.240	0.041	90	281826	250.0	
	25 Methyl tert-butyl ether	73		2.391				ND	
	24 trans-1,2-Dichloroethene	96		2.397				ND	7
	27 1,1-Dichloroethane	63		2.735				ND	
	32 2-Butanone (MEK)	43		3.159				ND	
	31 cis-1,2-Dichloroethene	96	3.201	3.188	0.013	77	15081	3.87	
	36 Chlorobromomethane	128		3.378				ND	
	39 Chloroform	83		3.468				ND	
$	41 Dibromofluoromethane (Surr)	113	3.603	3.590	0.013	93	178317	48.4	
	40 1,1,1-Trichloroethane	97		3.596				ND	
	43 Carbon tetrachloride	117		3.722				ND	
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.863	3.860	0.003	45	41862	48.9	
	47 Benzene	78		3.867				ND	
	48 1,2-Dichloroethane	62		3.918				ND	
*	50 Fluorobenzene (IS)	96	4.127	4.121	0.007	99	612160	50.0	
	53 Trichloroethene	95		4.420				ND	7
	55 1,2-Dichloropropane	63		4.629				ND	
	60 Dichlorobromomethane	83		4.860				ND	
	63 cis-1,3-Dichloropropene	75		5.227				ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$	65 Toluene-d8 (Surr)	98	5.448	5.448	0.000	93	551466	48.2	
	66 Toluene	92		5.506				ND	
	67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166		5.902				ND	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	86	423297	50.0	
77 Chlorobenzene	112		6.526				ND	
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	
82 o-Xylene	106		6.921				ND	
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.242	7.243	-0.001	89	219045	49.9	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	250042	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

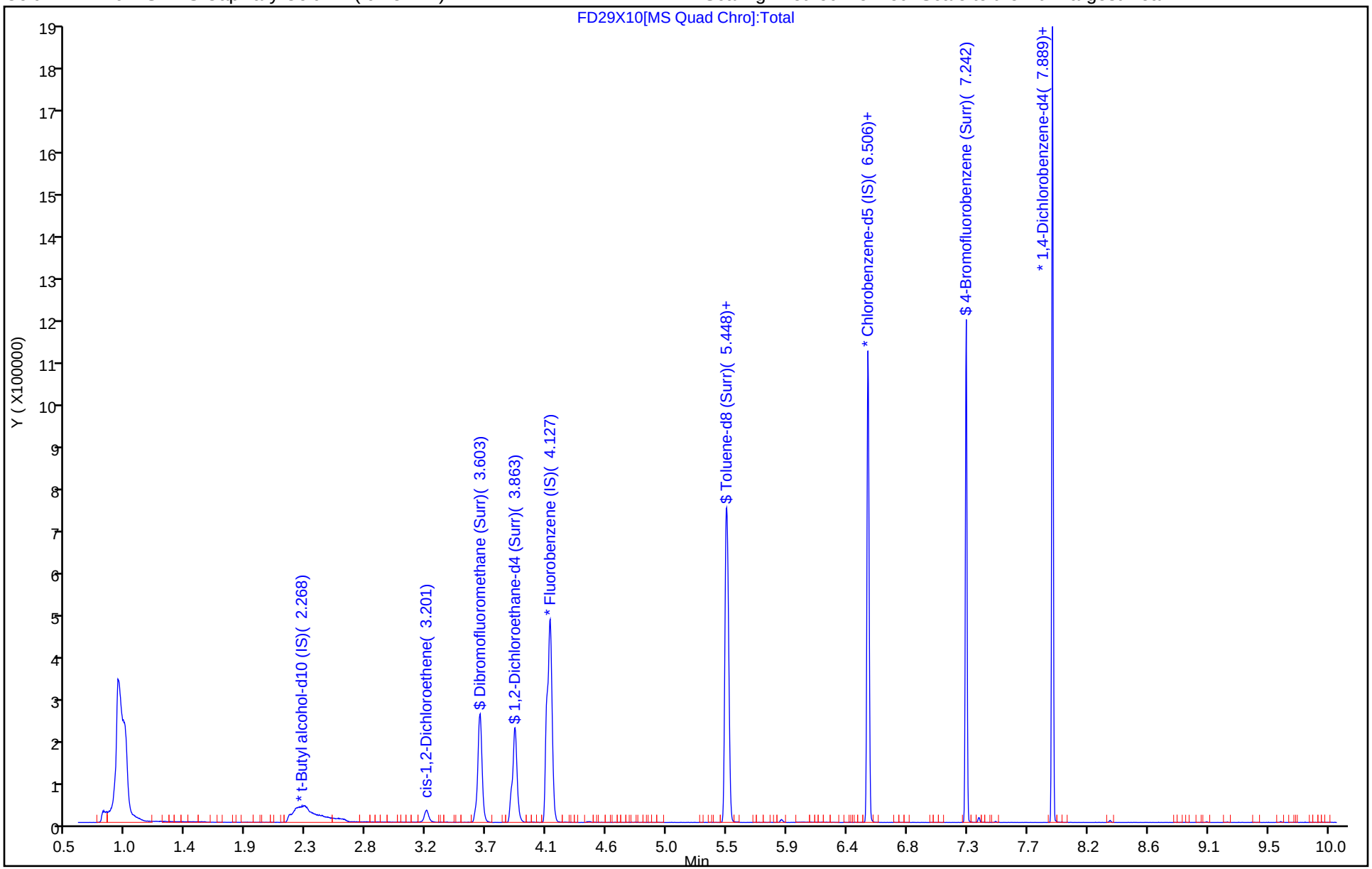
Report Date: 30-Dec-2024 22:09:24 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X10.D

Injection Date:	29-Dec-2024 22:17:01	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-1	Lab Sample ID:	410-201496-1	Worklist Smp#:	11
Client ID:	HD-MW-5-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	60
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X10.D
Lims ID: 410-201496-A-1
Client ID: HD-MW-5-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 22:17:01 ALS Bottle#: 60 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-011
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

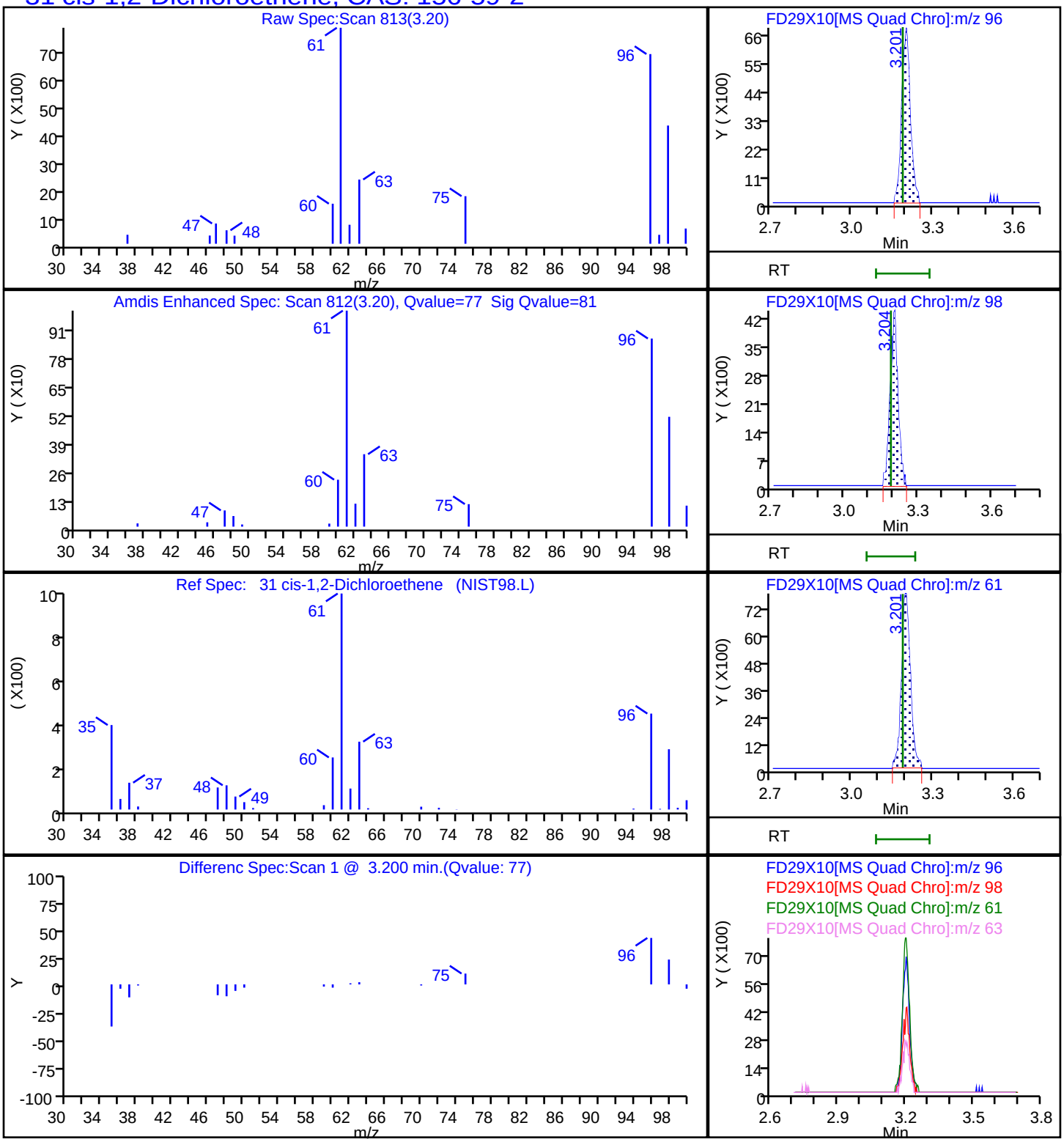
First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:06:51

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.4	96.76
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	48.9	97.86
$ 65 Toluene-d8 (Surr)	50.0	48.2	96.32
$ 86 4-Bromofluorobenzene (Surr)	50.0	49.9	99.73

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X10.D				
Injection Date:	29-Dec-2024 22:17:01	Instrument ID:	15830		
Lims ID:	410-201496-A-1	Lab Sample ID:	410-201496-1		
Client ID:	HD-MW-5-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

31 cis-1,2-Dichloroethene, CAS: 156-59-2



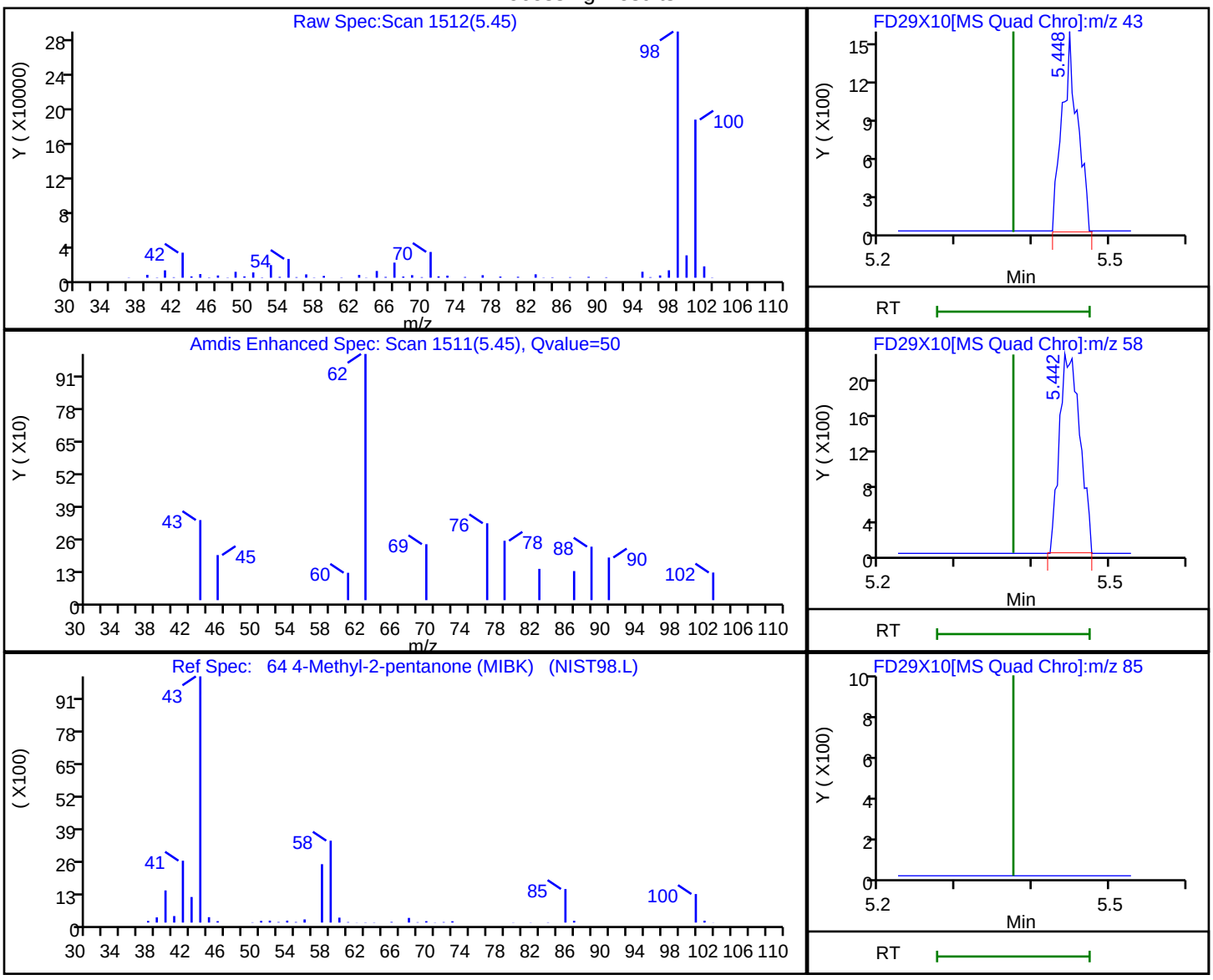
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X10.D				
Injection Date:	29-Dec-2024 22:17:01	Instrument ID:	15830		
Lims ID:	410-201496-A-1	Lab Sample ID:	410-201496-1		
Client ID:	HD-MW-5-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	60	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.45	43.00	2099	0.420527
5.44	58.00	4115	
5.45	100.00	362239	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:06:43 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-6-0/1-0
Lab Sample ID: 410-201496-2

Matrix: Water
Lab File ID: FD29X11.D

Analysis Method: 8260D
Date Collected: 12/17/2024 13:50

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 22:36

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-6-0/1-0
Lab Sample ID: 410-201496-2

Matrix: Water
Lab File ID: FD29X11.D

Analysis Method: 8260D
Date Collected: 12/17/2024 13:50

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 22:36

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		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)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X11.D
Lims ID: 410-201496-A-2
Client ID: HD-MW-6-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 22:36:23 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-012
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:07:08

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	2 Chloromethane	50		1.124				ND	
	3 Vinyl chloride	62		1.179				ND	
	5 Bromomethane	94		1.368				ND	
	6 Chloroethane	64		1.381				ND	
	11 Acetone	58		1.844				ND	
	10 1,1-Dichloroethene	96		1.854				ND	
	14 Carbon disulfide	76		2.031				ND	
	19 Methylene Chloride	84		2.204				ND	
*	20 t-Butyl alcohol-d10 (IS)	65	2.288	2.240	0.048	92	287692	250.0	
	25 Methyl tert-butyl ether	73		2.391				ND	
	24 trans-1,2-Dichloroethene	96		2.397				ND	
	27 1,1-Dichloroethane	63		2.735				ND	
	32 2-Butanone (MEK)	43		3.159				ND	
	31 cis-1,2-Dichloroethene	96		3.188				ND	
	36 Chlorobromomethane	128		3.378				ND	
	39 Chloroform	83		3.468				ND	
$	41 Dibromofluoromethane (Surr)	113	3.596	3.590	0.006	93	175746	48.1	
	40 1,1,1-Trichloroethane	97		3.596				ND	
	43 Carbon tetrachloride	117		3.722				ND	
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.863	3.860	0.003	45	41178	48.6	
	47 Benzene	78		3.867				ND	
	48 1,2-Dichloroethane	62		3.918				ND	7
*	50 Fluorobenzene (IS)	96	4.127	4.121	0.007	99	606804	50.0	
	53 Trichloroethene	95		4.420				ND	
	55 1,2-Dichloropropane	63		4.629				ND	
	60 Dichlorobromomethane	83		4.860				ND	
	63 cis-1,3-Dichloropropene	75		5.227				ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$	65 Toluene-d8 (Surr)	98	5.448	5.448	0.000	93	546231	48.1	
	66 Toluene	92		5.506				ND	
	67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166		5.902				ND	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	419764	50.0	
77 Chlorobenzene	112		6.526				ND	
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	
82 o-Xylene	106		6.921				ND	
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	89	215104	49.4	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	249309	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

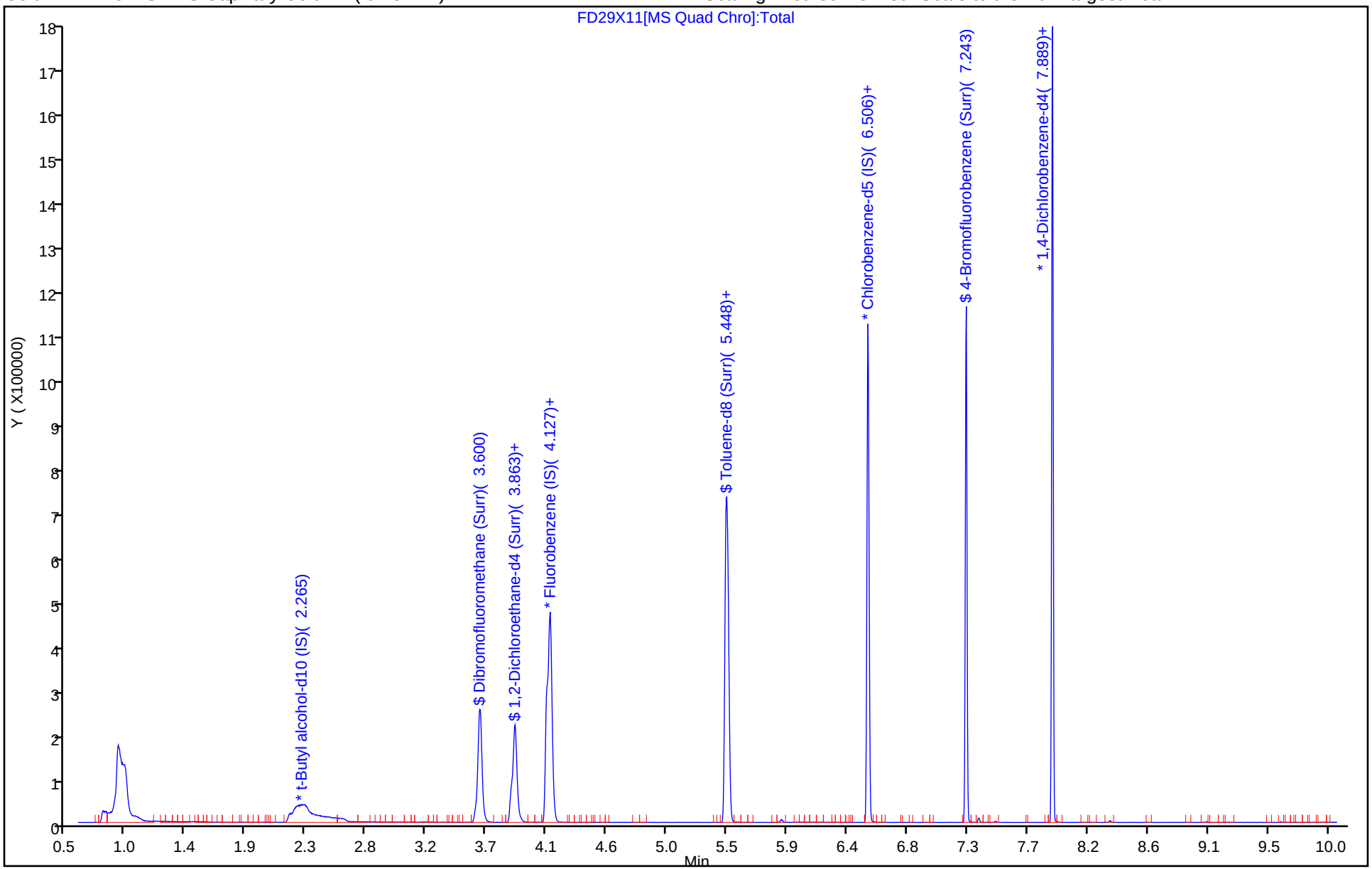
Report Date: 30-Dec-2024 22:09:26 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X11.D

Injection Date:	29-Dec-2024 22:36:23	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-2	Lab Sample ID:	410-201496-2	Worklist Smp#:	12
Client ID:	HD-MW-6-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	61
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X11.D
Lims ID: 410-201496-A-2
Client ID: HD-MW-6-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 22:36:23 ALS Bottle#: 61 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-012
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:07:08

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.1	96.20
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	48.6	97.11
$ 65 Toluene-d8 (Surr)	50.0	48.1	96.21
$ 86 4-Bromofluorobenzene (Surr)	50.0	49.4	98.76

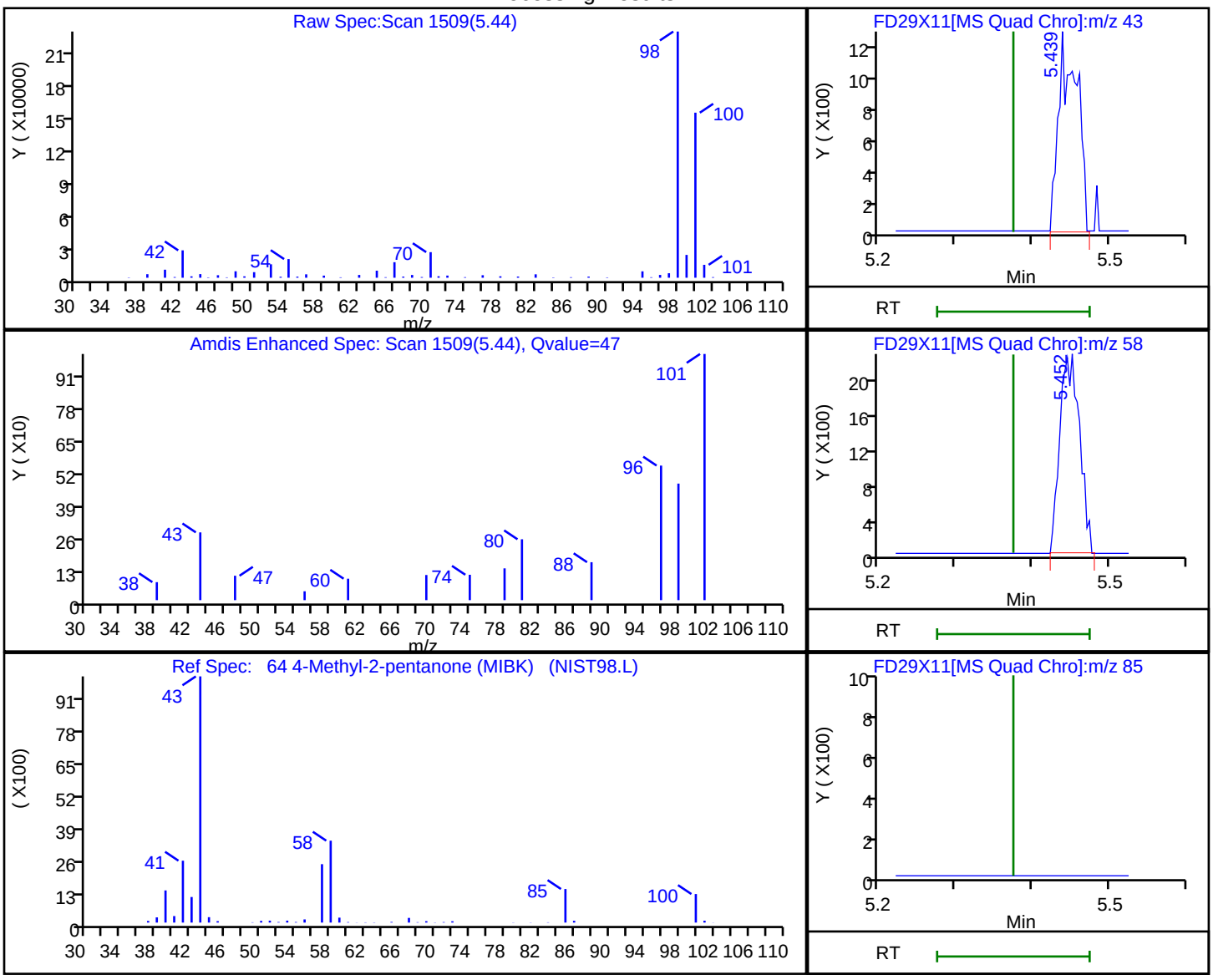
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X11.D				
Injection Date:	29-Dec-2024 22:36:23	Instrument ID:	15830		
Lims ID:	410-201496-A-2	Lab Sample ID:	410-201496-2		
Client ID:	HD-MW-6-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	61	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.44	43.00	2135	0.431514
5.45	58.00	3996	
5.45	100.00	361275	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:07:01 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-88-0/1-0
Lab Sample ID: 410-201496-3

Matrix: Water
Lab File ID: FD29X12.D

Analysis Method: 8260D
Date Collected: 12/17/2024 14:40

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 22:56

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-88-0/1-0
Lab Sample ID: 410-201496-3

Matrix: Water
Lab File ID: FD29X12.D

Analysis Method: 8260D
Date Collected: 12/17/2024 14:40

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 22:56

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	3.5		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.54	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)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X12.D
Lims ID: 410-201496-A-3
Client ID: HD-MW-88-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 22:56:08 ALS Bottle#: 62 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-013
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:07:28

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	2 Chloromethane	50		1.124				ND	
	3 Vinyl chloride	62		1.179				ND	
	5 Bromomethane	94		1.368				ND	
	6 Chloroethane	64		1.381				ND	
	11 Acetone	58		1.844				ND	
	10 1,1-Dichloroethene	96		1.854				ND	
	14 Carbon disulfide	76		2.031				ND	
	19 Methylene Chloride	84		2.204				ND	
*	20 t-Butyl alcohol-d10 (IS)	65	2.268	2.240	0.028	38	269376	250.0	
	25 Methyl tert-butyl ether	73		2.391				ND	
	24 trans-1,2-Dichloroethene	96		2.397				ND	
	27 1,1-Dichloroethane	63		2.735				ND	
	32 2-Butanone (MEK)	43		3.159				ND	
	31 cis-1,2-Dichloroethene	96		3.188				ND	7
	36 Chlorobromomethane	128		3.378				ND	
	39 Chloroform	83		3.468				ND	
$	41 Dibromofluoromethane (Surr)	113	3.593	3.590	0.003	93	165361	48.7	
	40 1,1,1-Trichloroethane	97		3.596				ND	
	43 Carbon tetrachloride	117		3.722				ND	
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.854	3.860	-0.006	45	38350	48.6	
	47 Benzene	78		3.867				ND	
	48 1,2-Dichloroethane	62		3.918				ND	
*	50 Fluorobenzene (IS)	96	4.120	4.121	0.000	99	564468	50.0	
	53 Trichloroethene	95	4.416	4.420	-0.004	85	1594	0.5429	
	55 1,2-Dichloropropane	63		4.629				ND	
	60 Dichlorobromomethane	83		4.860				ND	
	63 cis-1,3-Dichloropropene	75		5.227				ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$	65 Toluene-d8 (Surr)	98	5.445	5.448	-0.003	93	508479	48.5	
	66 Toluene	92		5.506				ND	
	67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166	5.898	5.902	-0.004	97	11236	3.51	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	86	387887	50.0	
77 Chlorobenzene	112		6.526				ND	
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	
82 o-Xylene	106		6.921				ND	
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.242	7.243	-0.001	89	199440	49.5	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	230512	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

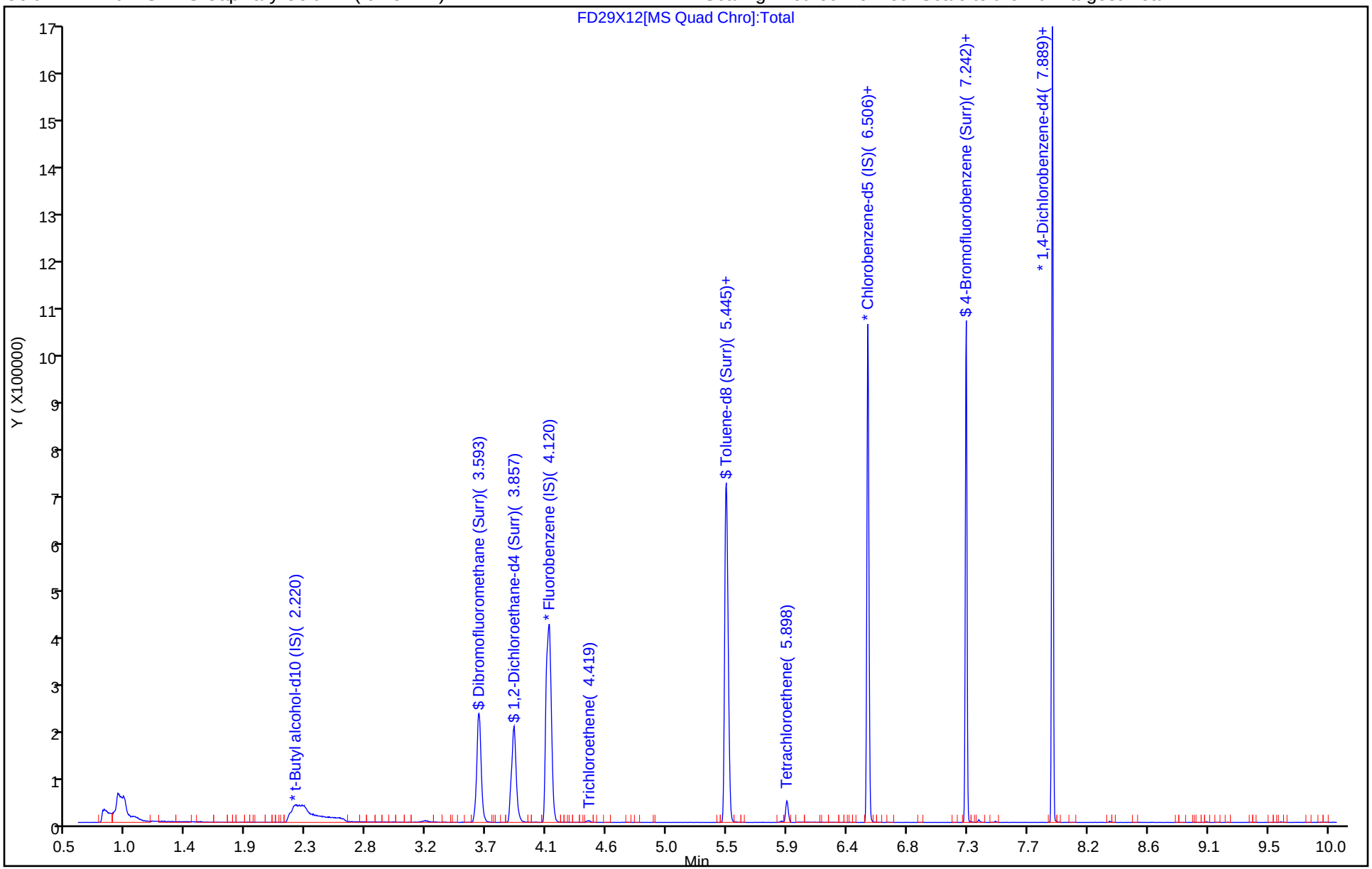
MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 30-Dec-2024 22:09:27 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X12.D				
Injection Date:	29-Dec-2024 22:56:08	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-3	Lab Sample ID:	410-201496-3	Worklist Smp#:	13
Client ID:	HD-MW-88-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	62
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X12.D
Lims ID: 410-201496-A-3
Client ID: HD-MW-88-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 22:56:08 ALS Bottle#: 62 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-013
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:07:28

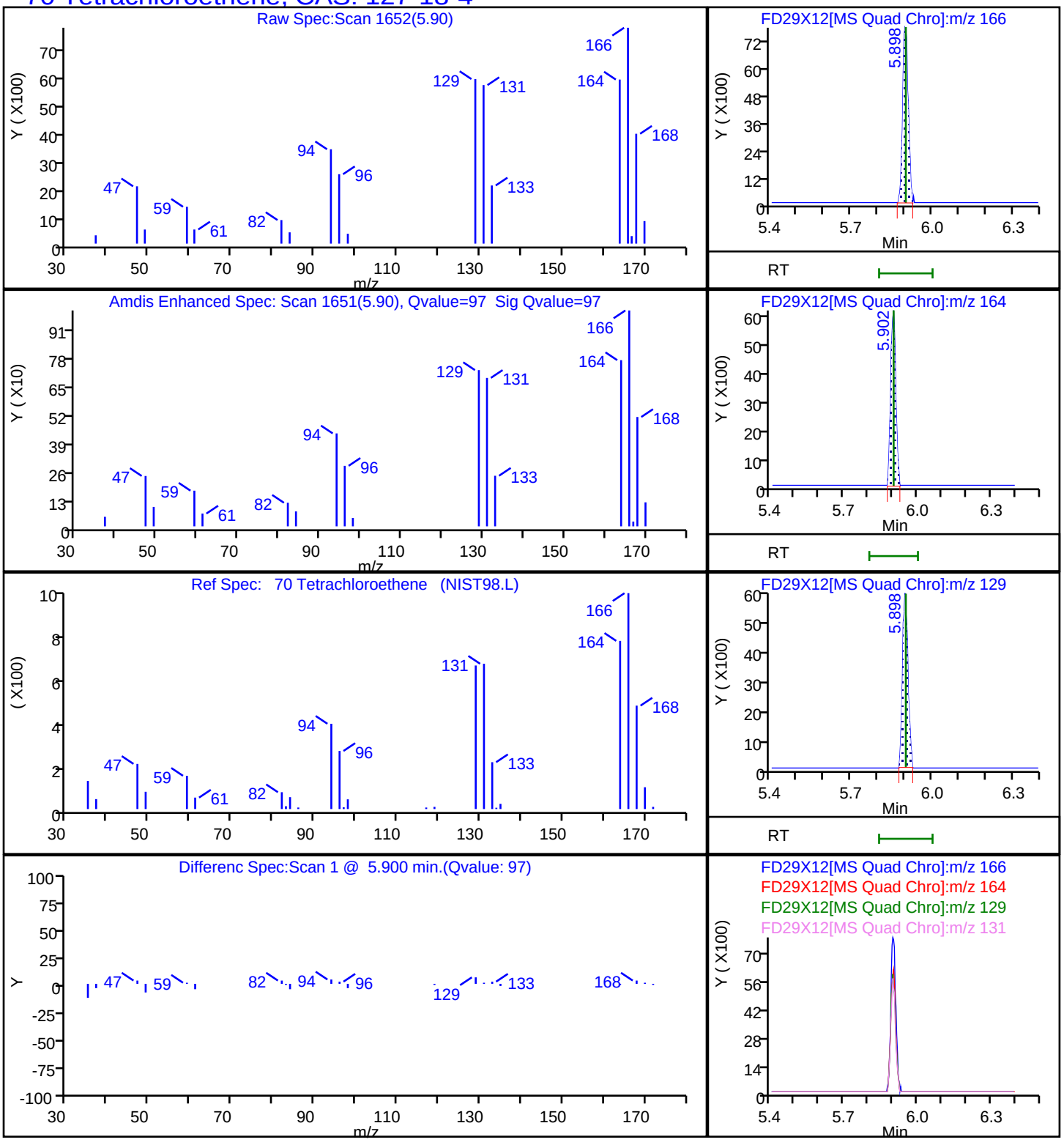
Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.7	97.31
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	48.6	97.23
$ 65 Toluene-d8 (Surr)	50.0	48.5	96.92
$ 86 4-Bromofluorobenzene (Surr)	50.0	49.5	99.09

Report Date: 30-Dec-2024 22:09:28 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X12.D				
Injection Date:	29-Dec-2024 22:56:08	Instrument ID:	15830		
Lims ID:	410-201496-A-3	Lab Sample ID:	410-201496-3		
Client ID:	HD-MW-88-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

70 Tetrachloroethene, CAS: 127-18-4



Report Date: 30-Dec-2024 22:09:27 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X12.D

Injection Date: 29-Dec-2024 22:56:08 Instrument ID: 15830

Lims ID: 410-201496-A-3 Lab Sample ID: 410-201496-3

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

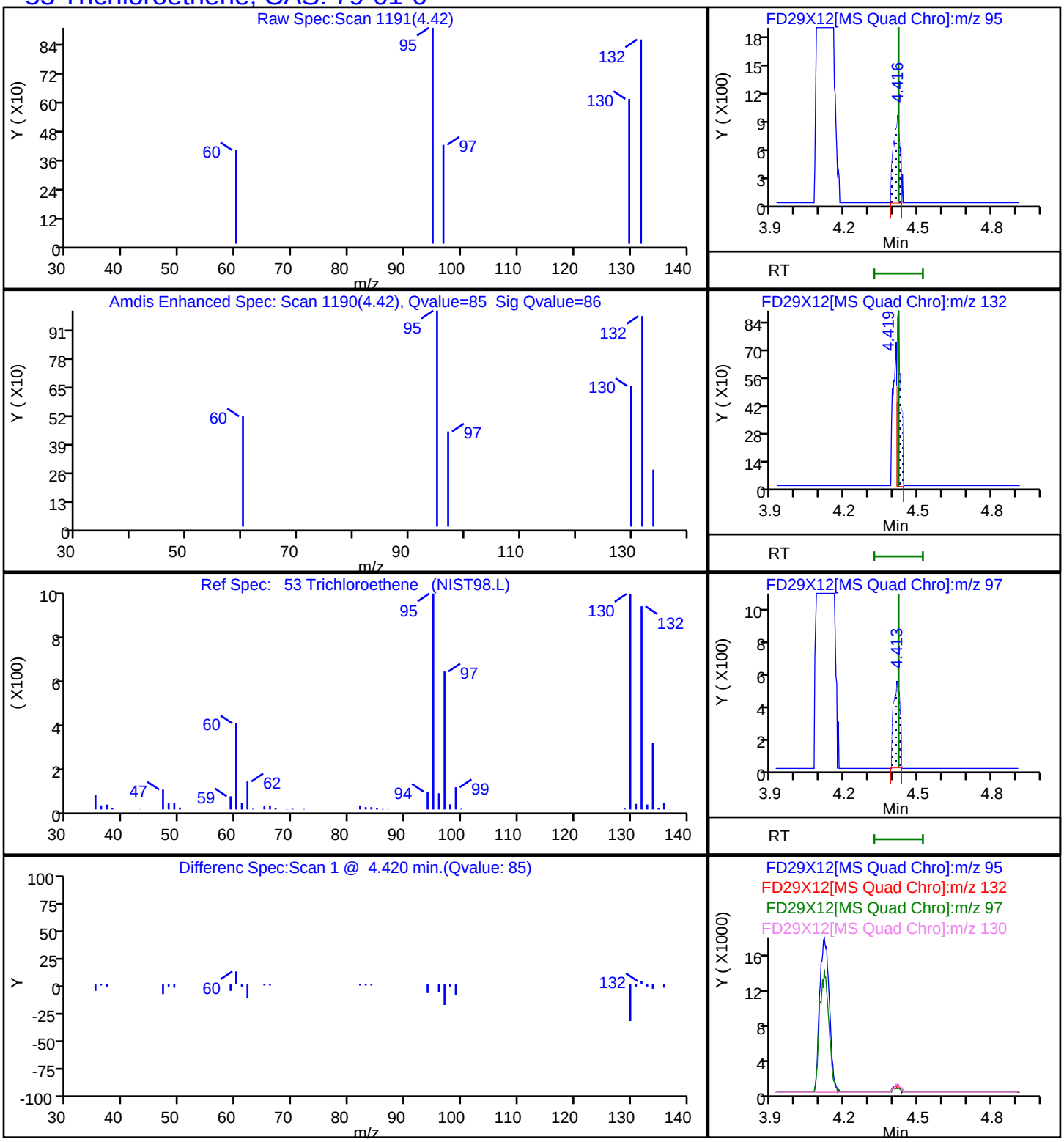
Operator ID: gaw91131 ALS Bottle#: 62 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D

Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

53 Trichloroethene, CAS: 79-01-6



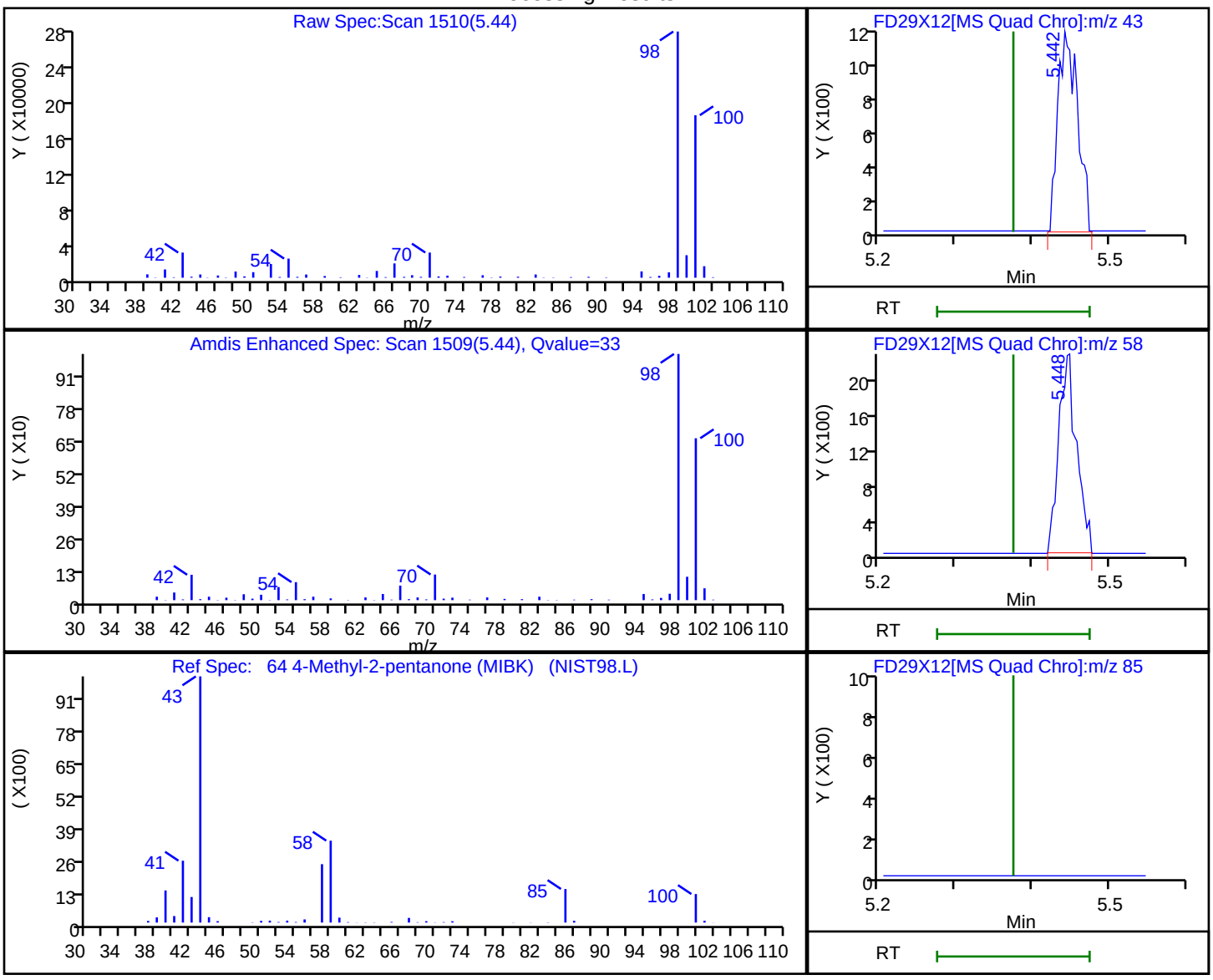
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X12.D				
Injection Date:	29-Dec-2024 22:56:08	Instrument ID:	15830		
Lims ID:	410-201496-A-3	Lab Sample ID:	410-201496-3		
Client ID:	HD-MW-88-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	62	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.44	43.00	1998	0.434112
5.45	58.00	3700	
5.45	100.00	332324	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:07:19 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-101S-0/1-0
Lab Sample ID: 410-201496-4

Matrix: Water
Lab File ID: FD29X13.D

Analysis Method: 8260D
Date Collected: 12/17/2024 12:05

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 23:15

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	0.50	J	1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-101S-0/1-0
Lab Sample ID: 410-201496-4

Matrix: Water
Lab File ID: FD29X13.D

Analysis Method: 8260D
Date Collected: 12/17/2024 12:05

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 23:15

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	3.7		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.62	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)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	96		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D
Lims ID: 410-201496-A-4
Client ID: HD-MW-101S-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 23:15:30 ALS Bottle#: 63 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-014
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:07:48

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	2 Chloromethane	50		1.124				ND	
	3 Vinyl chloride	62		1.179				ND	
	5 Bromomethane	94		1.368				ND	
	6 Chloroethane	64		1.381				ND	
	11 Acetone	58		1.844				ND	
	10 1,1-Dichloroethene	96		1.854				ND	
	14 Carbon disulfide	76		2.031				ND	
	19 Methylene Chloride	84		2.204				ND	
*	20 t-Butyl alcohol-d10 (IS)	65	2.220	2.240	-0.020	90	272609	250.0	
	25 Methyl tert-butyl ether	73		2.391				ND	
	24 trans-1,2-Dichloroethene	96		2.397				ND	
	27 1,1-Dichloroethane	63		2.735				ND	
	32 2-Butanone (MEK)	43		3.159				ND	
	31 cis-1,2-Dichloroethene	96	3.194	3.188	0.006	62	1824	0.5040	
	36 Chlorobromomethane	128		3.378				ND	
	39 Chloroform	83		3.468				ND	7
$	41 Dibromofluoromethane (Surr)	113	3.593	3.590	0.003	93	165009	48.2	
	40 1,1,1-Trichloroethane	97		3.596				ND	7
	43 Carbon tetrachloride	117		3.722				ND	
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.860	3.860	0.000	45	39074	49.2	
	47 Benzene	78		3.867				ND	
	48 1,2-Dichloroethane	62		3.918				ND	
*	50 Fluorobenzene (IS)	96	4.120	4.121	0.000	99	568508	50.0	
	53 Trichloroethene	95	4.413	4.420	-0.007	63	1835	0.6205	
	55 1,2-Dichloropropane	63		4.629				ND	
	60 Dichlorobromomethane	83		4.860				ND	
	63 cis-1,3-Dichloropropene	75		5.227				ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$	65 Toluene-d8 (Surr)	98	5.445	5.448	-0.003	93	510779	48.1	
	66 Toluene	92		5.506				ND	
	67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166	5.902	5.902	0.000	96	12134	3.74	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	392791	50.0	
77 Chlorobenzene	112		6.526				ND	
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	
82 o-Xylene	106		6.921				ND	
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.242	7.243	-0.001	91	198173	48.6	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	229310	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

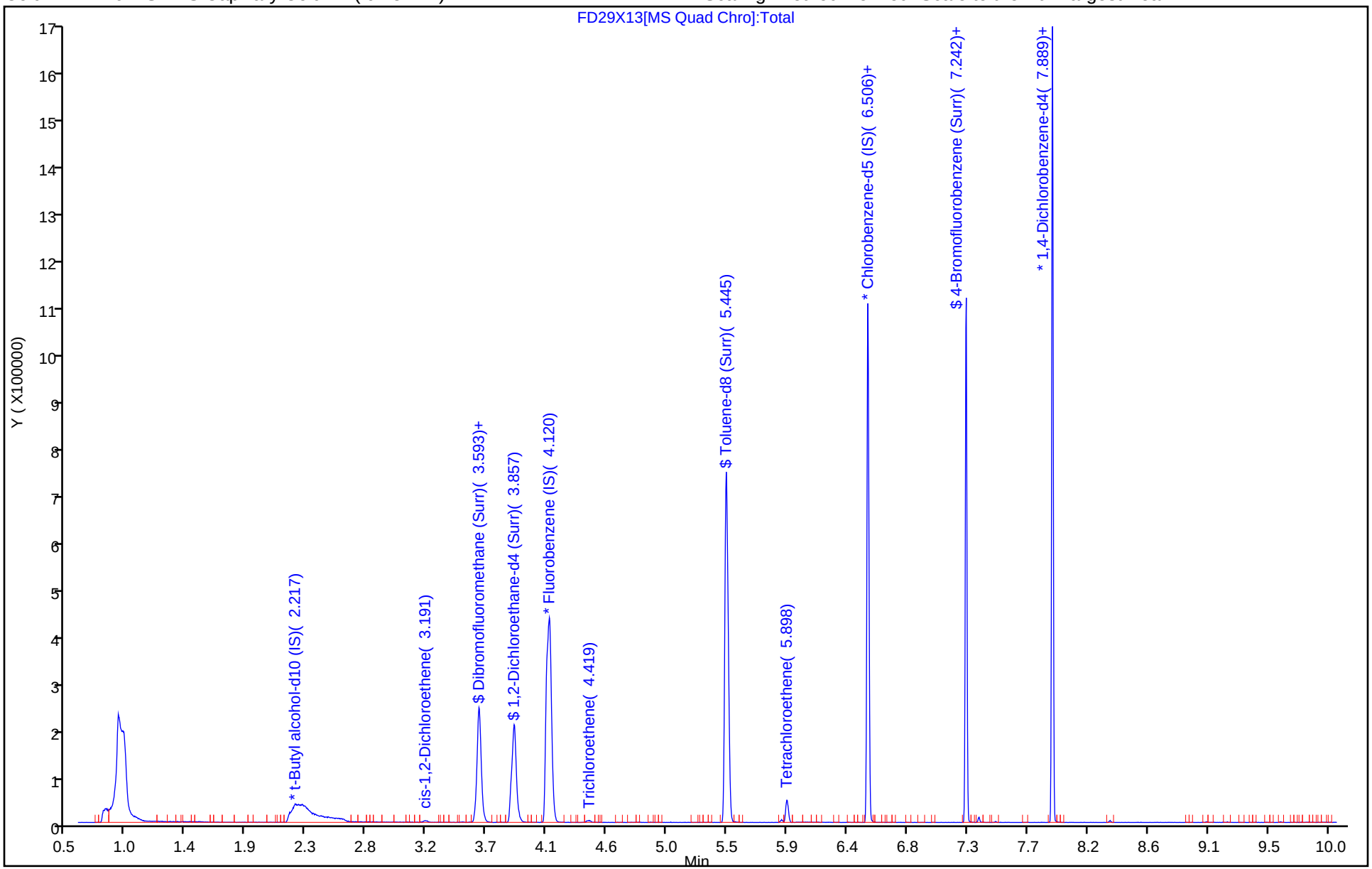
Report Date: 30-Dec-2024 22:09:29 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D

Injection Date:	29-Dec-2024 23:15:30	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-4	Lab Sample ID:	410-201496-4	Worklist Smp#:	14
Client ID:	HD-MW-101S-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	63
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D
Lims ID: 410-201496-A-4
Client ID: HD-MW-101S-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 23:15:30 ALS Bottle#: 63 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-014
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

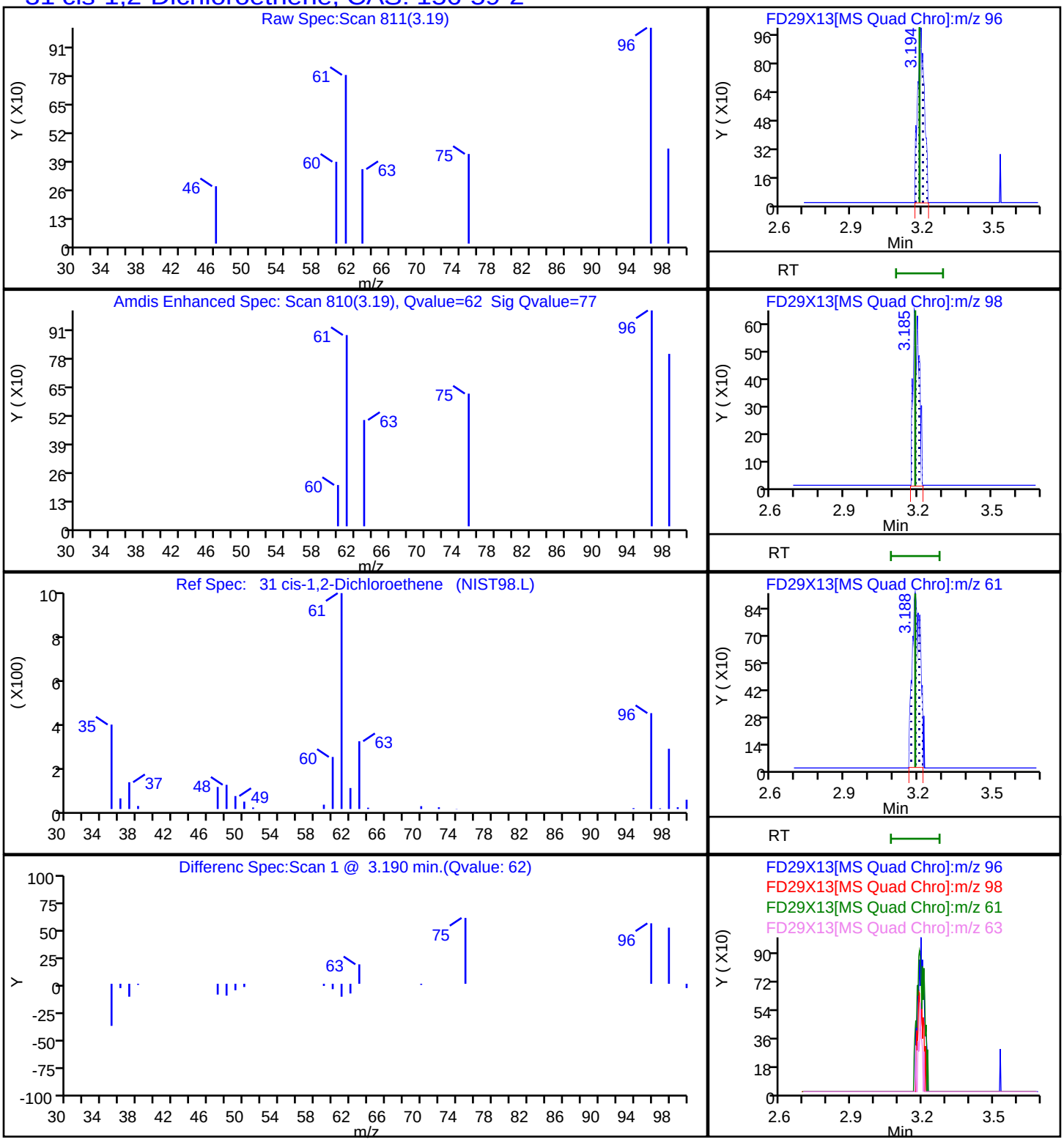
First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:07:48

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.2	96.41
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.36
$ 65 Toluene-d8 (Surr)	50.0	48.1	96.14
$ 86 4-Bromofluorobenzene (Surr)	50.0	48.6	97.23

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D				
Injection Date:	29-Dec-2024 23:15:30	Instrument ID:	15830		
Lims ID:	410-201496-A-4	Lab Sample ID:	410-201496-4		
Client ID:	HD-MW-101S-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

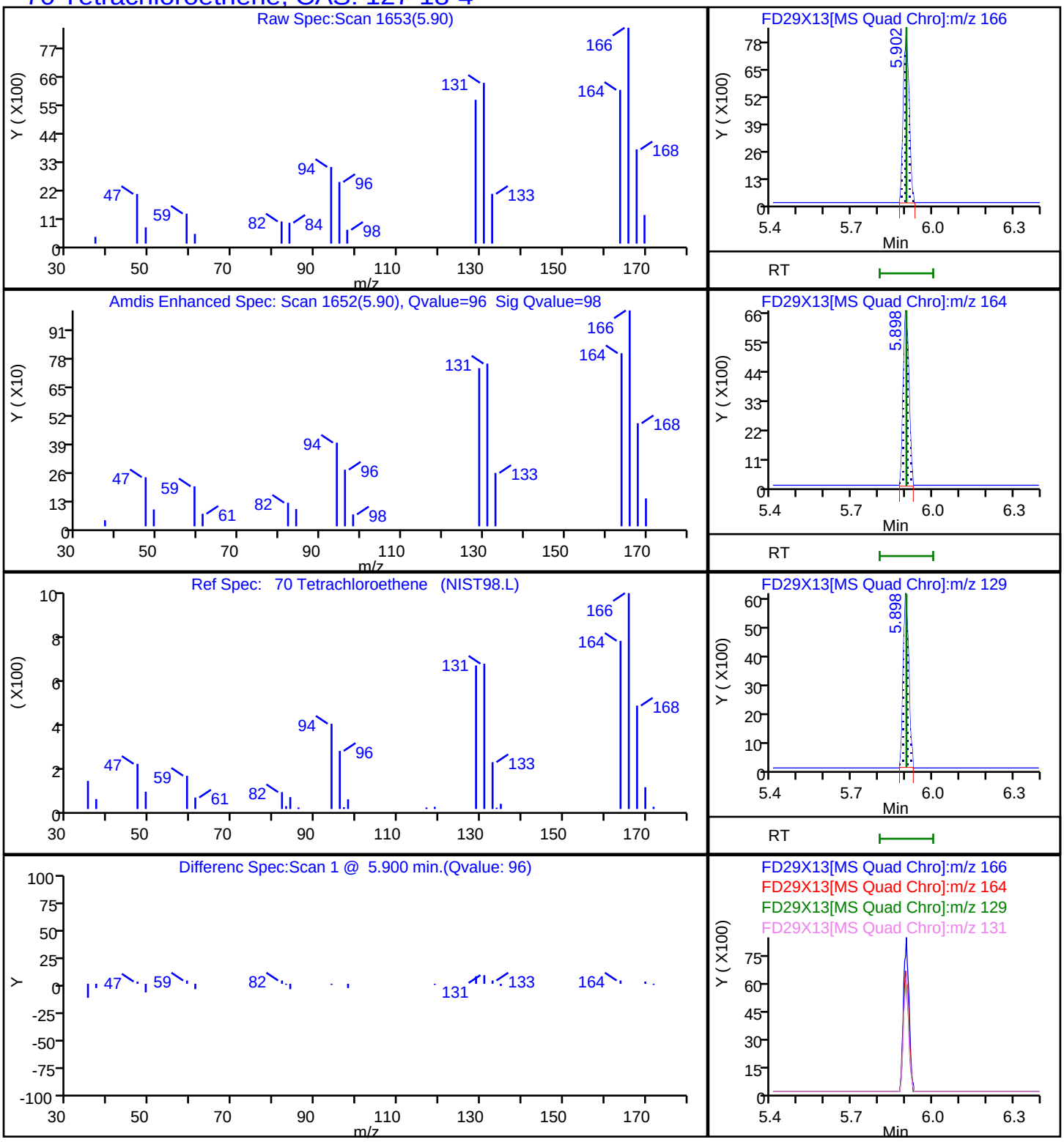
31 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D				
Injection Date:	29-Dec-2024 23:15:30	Instrument ID:	15830		
Lims ID:	410-201496-A-4	Lab Sample ID:	410-201496-4		
Client ID:	HD-MW-101S-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

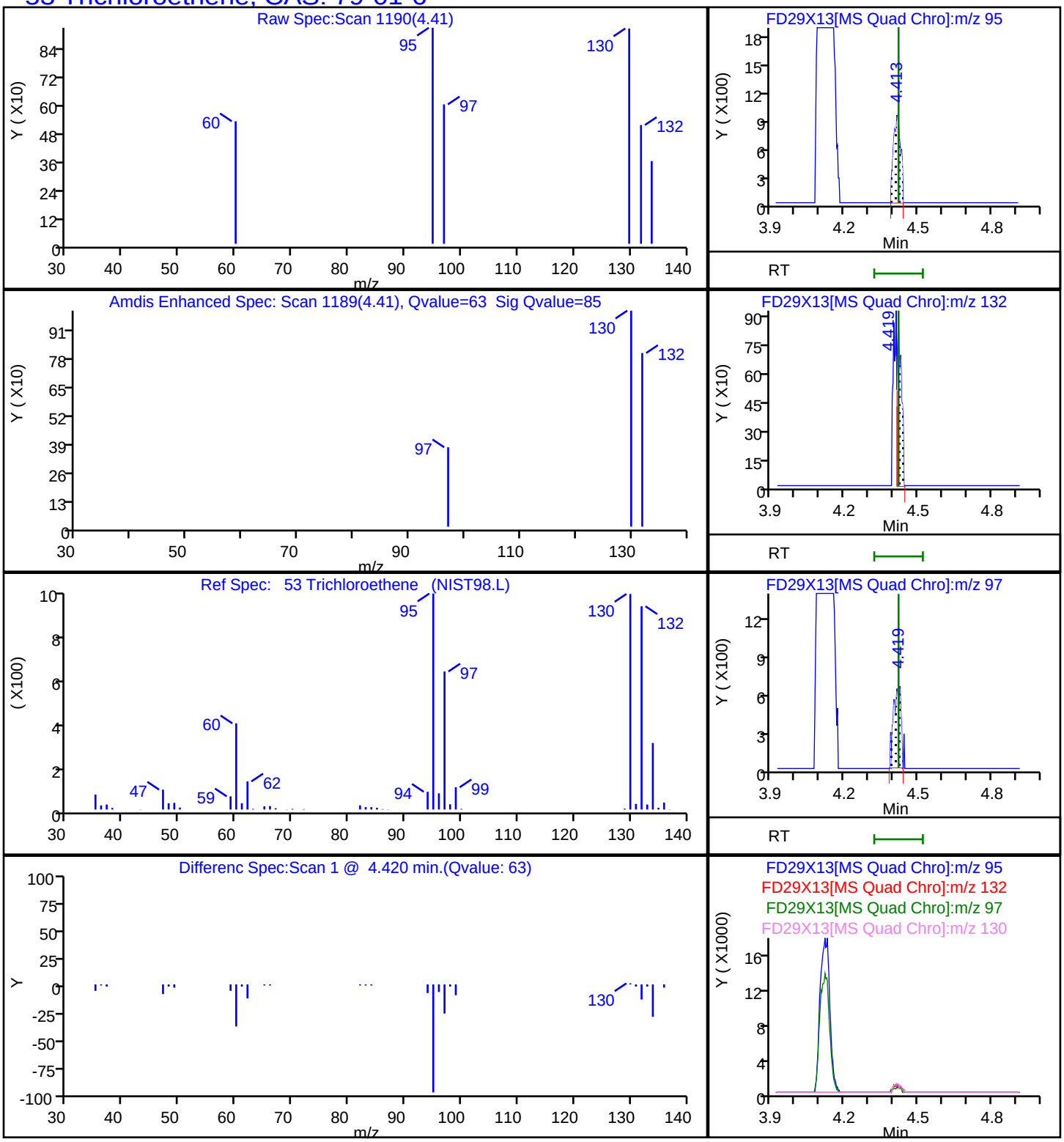
70 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D				
Injection Date:	29-Dec-2024 23:15:30	Instrument ID:	15830		
Lims ID:	410-201496-A-4	Lab Sample ID:	410-201496-4		
Client ID:	HD-MW-101S-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

53 Trichloroethene, CAS: 79-01-6



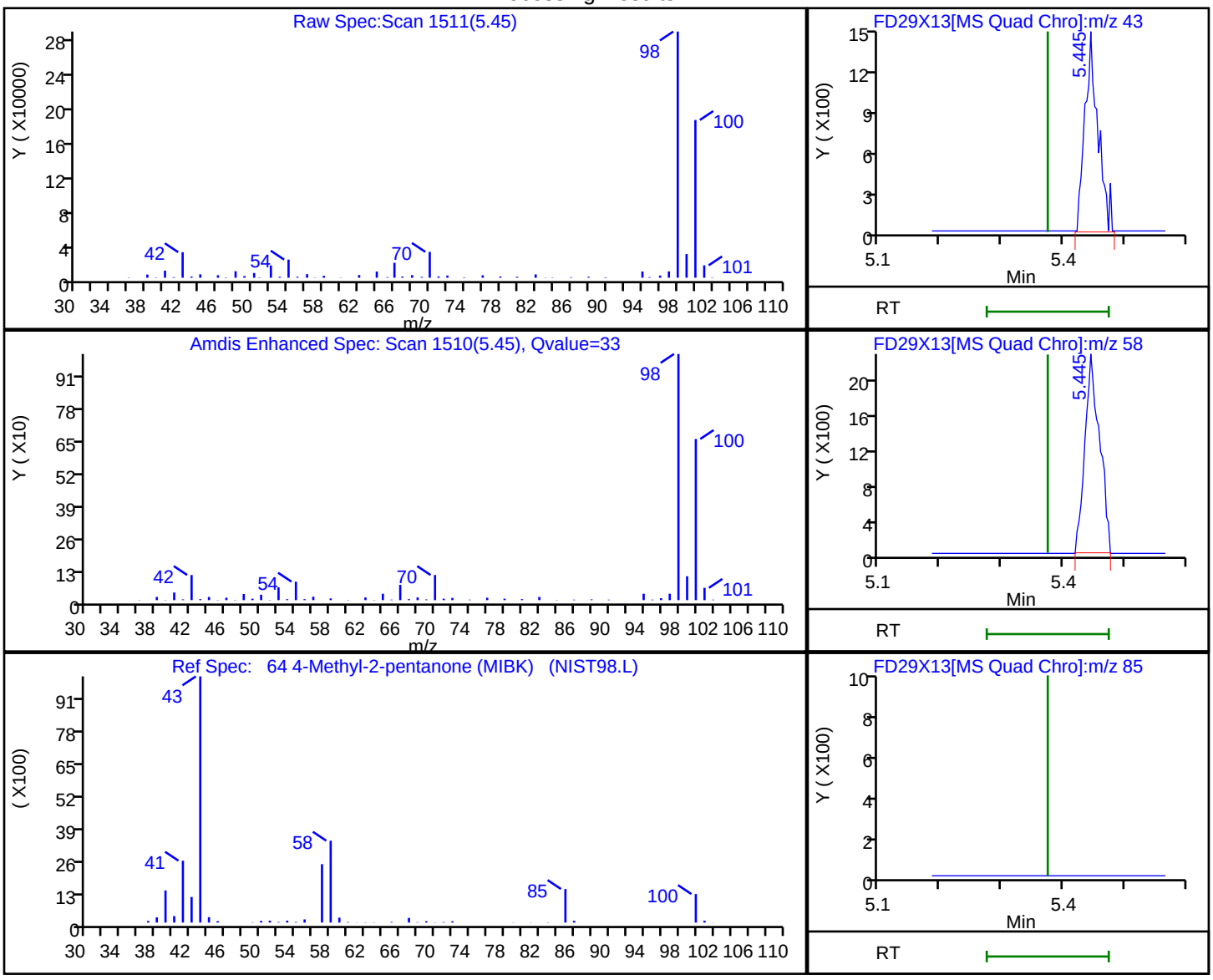
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X13.D				
Injection Date:	29-Dec-2024 23:15:30	Instrument ID:	15830		
Lims ID:	410-201496-A-4	Lab Sample ID:	410-201496-4		
Client ID:	HD-MW-101S-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	63	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.45	43.00	2081	0.448933
5.45	58.00	3750	
5.45	100.00	334773	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:07:40 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-101D-0/1-0
Lab Sample ID: 410-201496-5

Matrix: Water
Lab File ID: FD29X14.D

Analysis Method: 8260D
Date Collected: 12/17/2024 10:48

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 23:34

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	0.65	J	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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	6.8		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-MW-101D-0/1-0
Lab Sample ID: 410-201496-5

Matrix: Water
Lab File ID: FD29X14.D

Analysis Method: 8260D
Date Collected: 12/17/2024 10:48

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 23:34

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	3.8		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	4.1		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)	96		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	95		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D
Lims ID: 410-201496-A-5
Client ID: HD-MW-101D-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 23:34:53 ALS Bottle#: 64 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-015
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:08:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
2 Chloromethane	50		1.124				ND	
3 Vinyl chloride	62		1.179				ND	
5 Bromomethane	94		1.368				ND	
6 Chloroethane	64		1.381				ND	
11 Acetone	58		1.844				ND	
10 1,1-Dichloroethene	96		1.854				ND	
14 Carbon disulfide	76		2.031				ND	
19 Methylene Chloride	84		2.204				ND	
* 20 t-Butyl alcohol-d10 (IS)	65	2.275	2.240	0.035	88	271493	250.0	
25 Methyl tert-butyl ether	73		2.391				ND	
24 trans-1,2-Dichloroethene	96		2.397				ND	
27 1,1-Dichloroethane	63	2.757	2.735	0.022	1	1059	0.1888	
32 2-Butanone (MEK)	43		3.159				ND	
31 cis-1,2-Dichloroethene	96	3.201	3.188	0.013	80	26013	6.81	
36 Chlorobromomethane	128		3.378				ND	
39 Chloroform	83	3.474	3.468	0.006	74	1715	0.2859	
$ 41 Dibromofluoromethane (Surr)	113	3.600	3.590	0.010	93	174648	48.4	
40 1,1,1-Trichloroethane	97		3.596				ND	
43 Carbon tetrachloride	117		3.722				ND	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.863	3.860	0.003	46	40254	48.0	
47 Benzene	78	3.870	3.867	0.004	43	7611	0.6500	
48 1,2-Dichloroethane	62		3.918				ND	
* 50 Fluorobenzene (IS)	96	4.127	4.121	0.007	99	599627	50.0	
53 Trichloroethene	95	4.420	4.420	0.000	96	12866	4.13	
55 1,2-Dichloropropane	63		4.629				ND	
60 Dichlorobromomethane	83		4.860				ND	
63 cis-1,3-Dichloropropene	75		5.227				ND	
64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$ 65 Toluene-d8 (Surr)	98	5.445	5.448	-0.003	93	541904	47.7	
66 Toluene	92		5.506				ND	
67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166	5.902	5.902	0.000	98	13196	3.80	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	420245	50.0	
77 Chlorobenzene	112		6.526				ND	
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	
82 o-Xylene	106		6.921				ND	
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	90	212103	48.6	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	247147	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 30-Dec-2024 22:09:31 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D

Injection Date:	29-Dec-2024 23:34:53	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-5	Lab Sample ID:	410-201496-5	Worklist Smp#:	15
Client ID:	HD-MW-101D-0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	64
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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

Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D
Lims ID: 410-201496-A-5
Client ID: HD-MW-101D-0/1-0
Sample Type: Client
Inject. Date: 29-Dec-2024 23:34:53 ALS Bottle#: 64 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-015
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

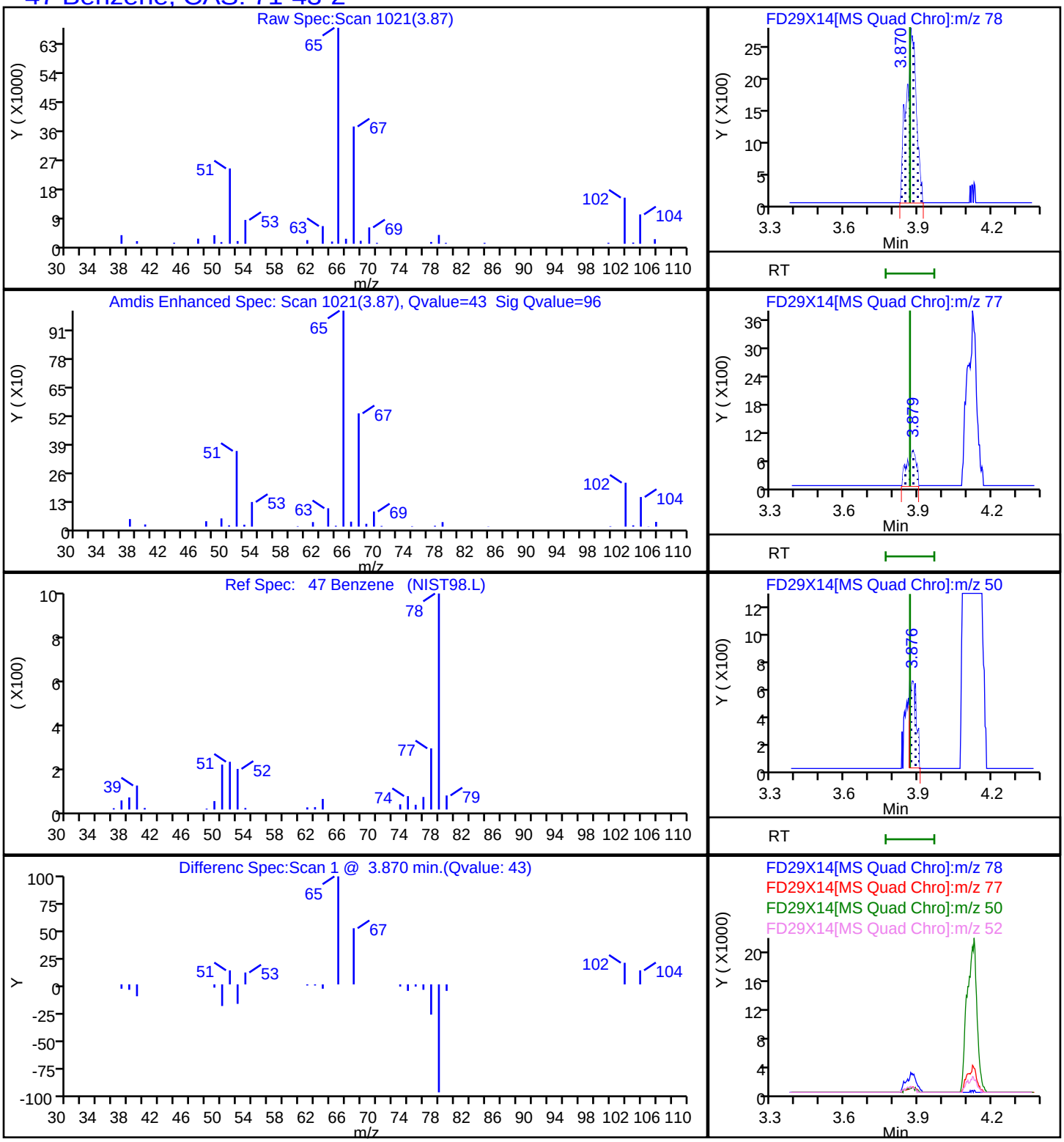
First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:08:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.4	96.75
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	48.0	96.07
$ 65 Toluene-d8 (Surr)	50.0	47.7	95.34
$ 86 4-Bromofluorobenzene (Surr)	50.0	48.6	97.27

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D				
Injection Date:	29-Dec-2024 23:34:53	Instrument ID:	15830		
Lims ID:	410-201496-A-5	Lab Sample ID:	410-201496-5		
Client ID:	HD-MW-101D-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	64	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

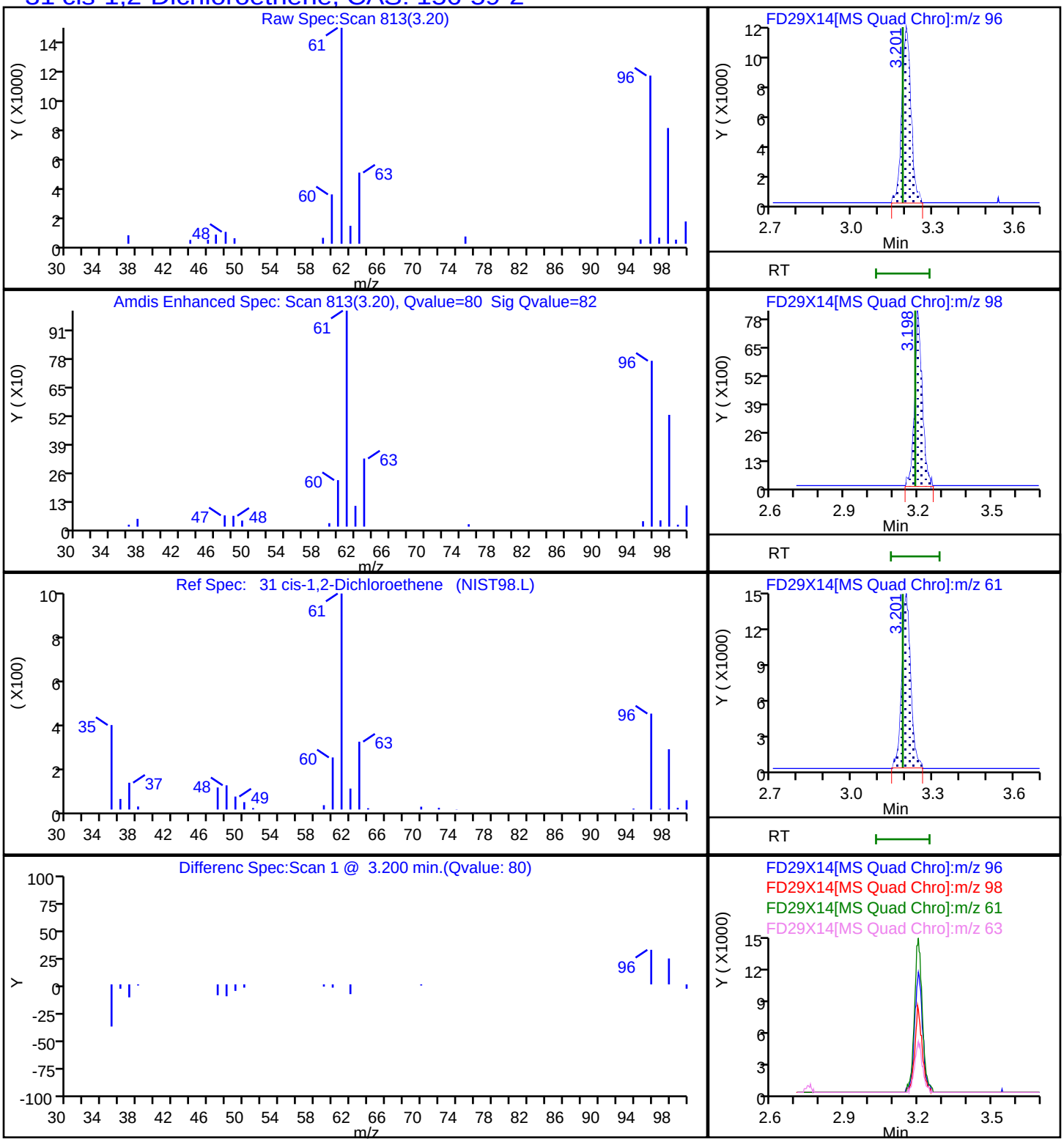
47 Benzene, CAS: 71-43-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D				
Injection Date:	29-Dec-2024 23:34:53	Instrument ID:	15830		
Lims ID:	410-201496-A-5	Lab Sample ID:	410-201496-5		
Client ID:	HD-MW-101D-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	64	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

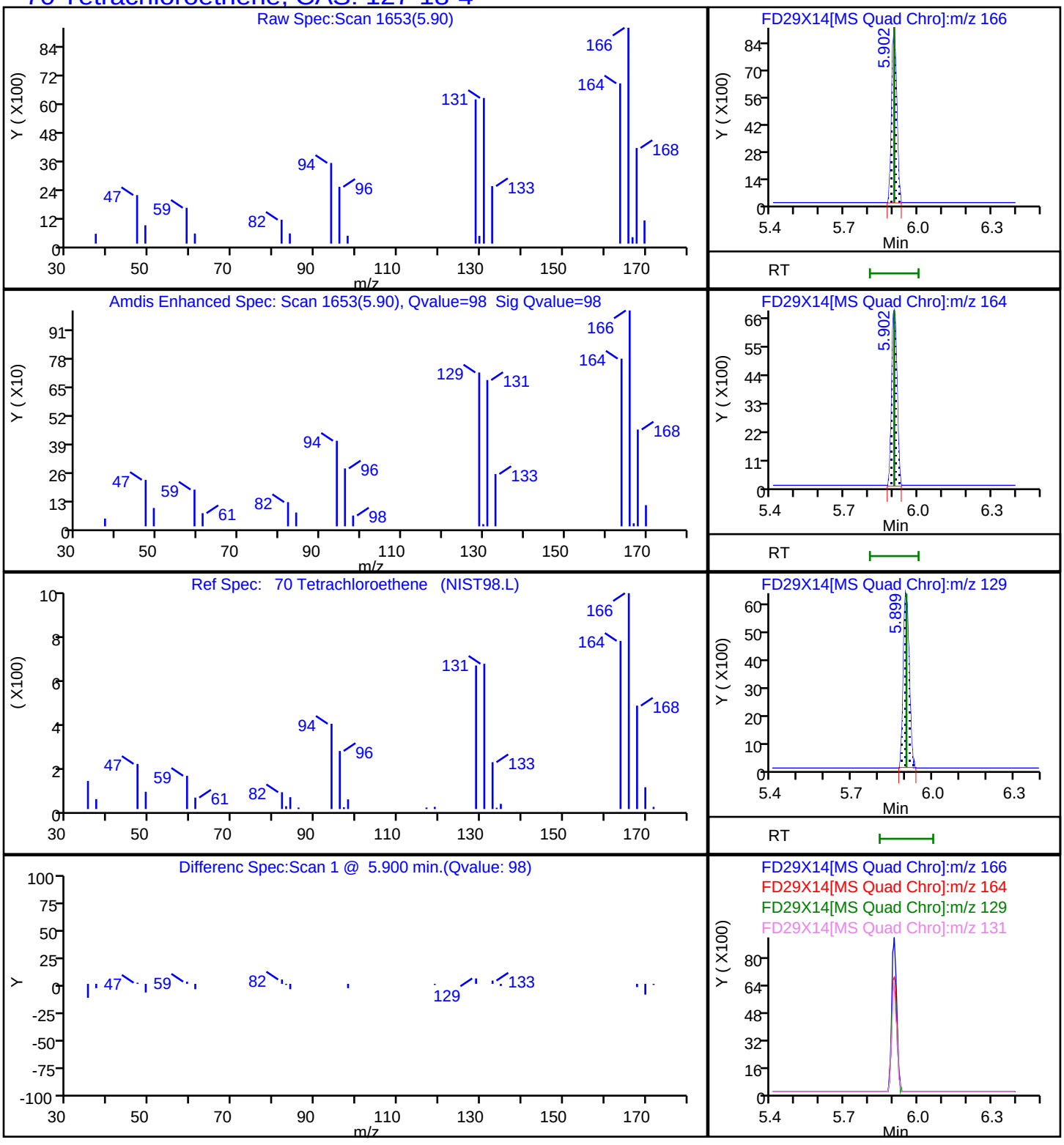
31 cis-1,2-Dichloroethene, CAS: 156-59-2



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D				
Injection Date:	29-Dec-2024 23:34:53	Instrument ID:	15830		
Lims ID:	410-201496-A-5	Lab Sample ID:	410-201496-5		
Client ID:	HD-MW-101D-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	64	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

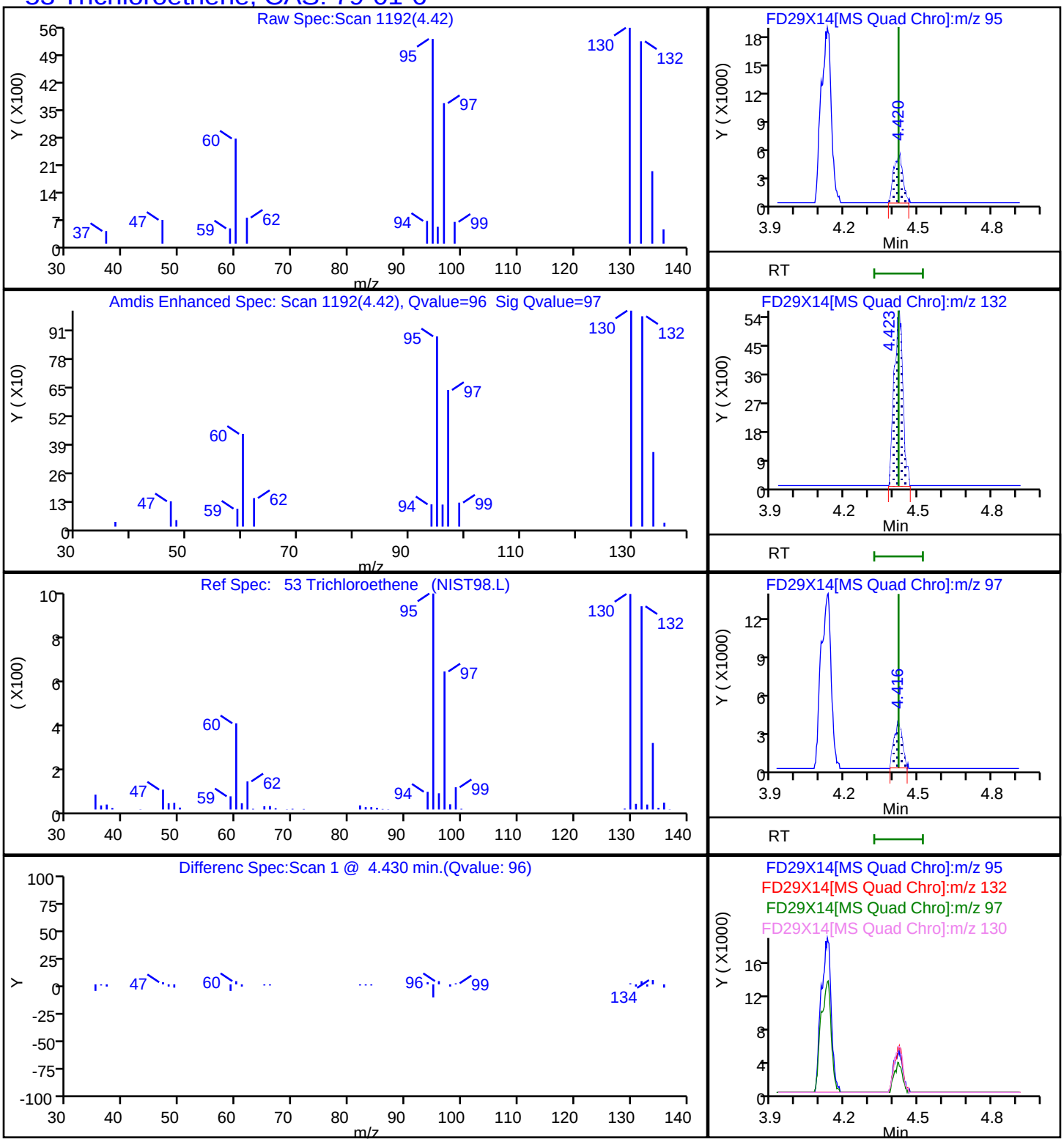
70 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D				
Injection Date:	29-Dec-2024 23:34:53	Instrument ID:	15830		
Lims ID:	410-201496-A-5	Lab Sample ID:	410-201496-5		
Client ID:	HD-MW-101D-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	64	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

53 Trichloroethene, CAS: 79-01-6



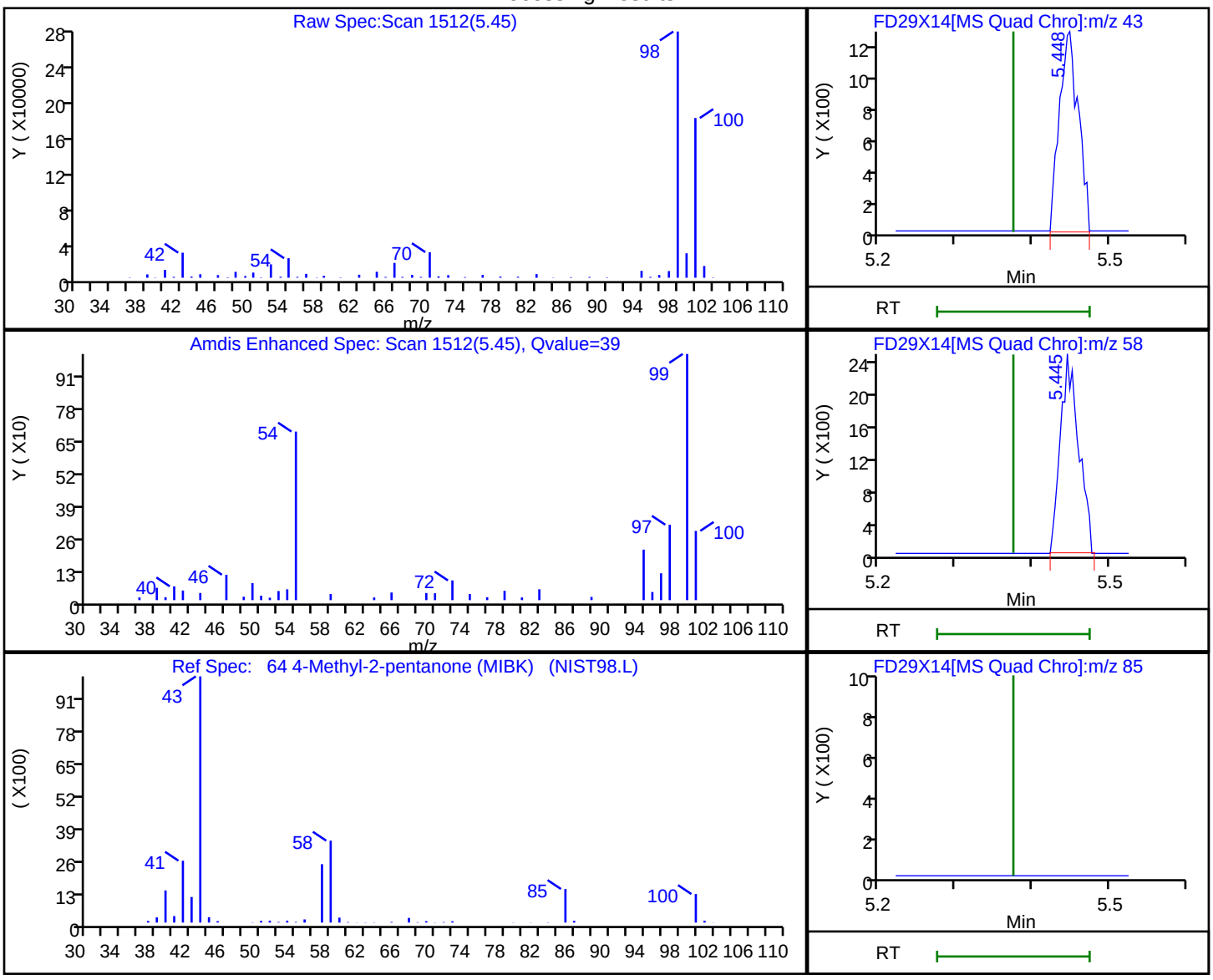
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X14.D				
Injection Date:	29-Dec-2024 23:34:53	Instrument ID:	15830		
Lims ID:	410-201496-A-5	Lab Sample ID:	410-201496-5		
Client ID:	HD-MW-101D-0/1-0				
Operator ID:	gaw91131	ALS Bottle#:	64	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.45	43.00	2175	0.444861
5.45	58.00	4111	
5.45	100.00	353663	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:08:05 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID: HD-QC1-0/1-3
Lab Sample ID: 410-201496-6

Matrix: Water
Lab File ID: FD29X08.D

Analysis Method: 8260D
Date Collected: 12/17/2024 15:05

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 21:38

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-QC1-0/1-3
Lab Sample ID: 410-201496-6

Matrix: Water
Lab File ID: FD29X08.D

Analysis Method: 8260D
Date Collected: 12/17/2024 15:05

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 21:38

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		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)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	96		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X08.D
Lims ID: 410-201496-A-6
Client ID: HD-QC1-0/1-3
Sample Type: Client
Inject. Date: 29-Dec-2024 21:38:00 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-009
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:06:13

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	2 Chloromethane	50		1.124				ND	
	3 Vinyl chloride	62		1.179				ND	
	5 Bromomethane	94		1.368				ND	
	6 Chloroethane	64		1.381				ND	
	11 Acetone	58		1.844				ND	
	10 1,1-Dichloroethene	96		1.854				ND	
	14 Carbon disulfide	76		2.031				ND	7
	19 Methylene Chloride	84		2.204				ND	
*	20 t-Butyl alcohol-d10 (IS)	65	2.249	2.240	0.009	90	288411	250.0	
	25 Methyl tert-butyl ether	73		2.391				ND	
	24 trans-1,2-Dichloroethene	96		2.397				ND	
	27 1,1-Dichloroethane	63		2.735				ND	
	32 2-Butanone (MEK)	43		3.159				ND	7
	31 cis-1,2-Dichloroethene	96		3.188				ND	
	36 Chlorobromomethane	128		3.378				ND	
	39 Chloroform	83		3.468				ND	
$	41 Dibromofluoromethane (Surr)	113	3.590	3.590	0.000	93	166593	48.0	
	40 1,1,1-Trichloroethane	97		3.596				ND	
	43 Carbon tetrachloride	117		3.722				ND	
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.853	3.860	-0.007	45	39216	48.6	
	47 Benzene	78		3.867				ND	7
	48 1,2-Dichloroethane	62		3.918				ND	
*	50 Fluorobenzene (IS)	96	4.120	4.121	0.000	99	576901	50.0	
	53 Trichloroethene	95		4.420				ND	
	55 1,2-Dichloropropane	63		4.629				ND	
	60 Dichlorobromomethane	83		4.860				ND	
	63 cis-1,3-Dichloropropene	75		5.227				ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$	65 Toluene-d8 (Surr)	98	5.442	5.448	-0.006	93	522336	48.5	
	66 Toluene	92	5.500	5.506	-0.006	91	1666	0.2531	
	67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166		5.902				ND	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	397897	50.0	
77 Chlorobenzene	112		6.526				ND	
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	7
82 o-Xylene	106		6.921				ND	7
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.242	7.243	-0.001	90	204871	49.6	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	236440	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

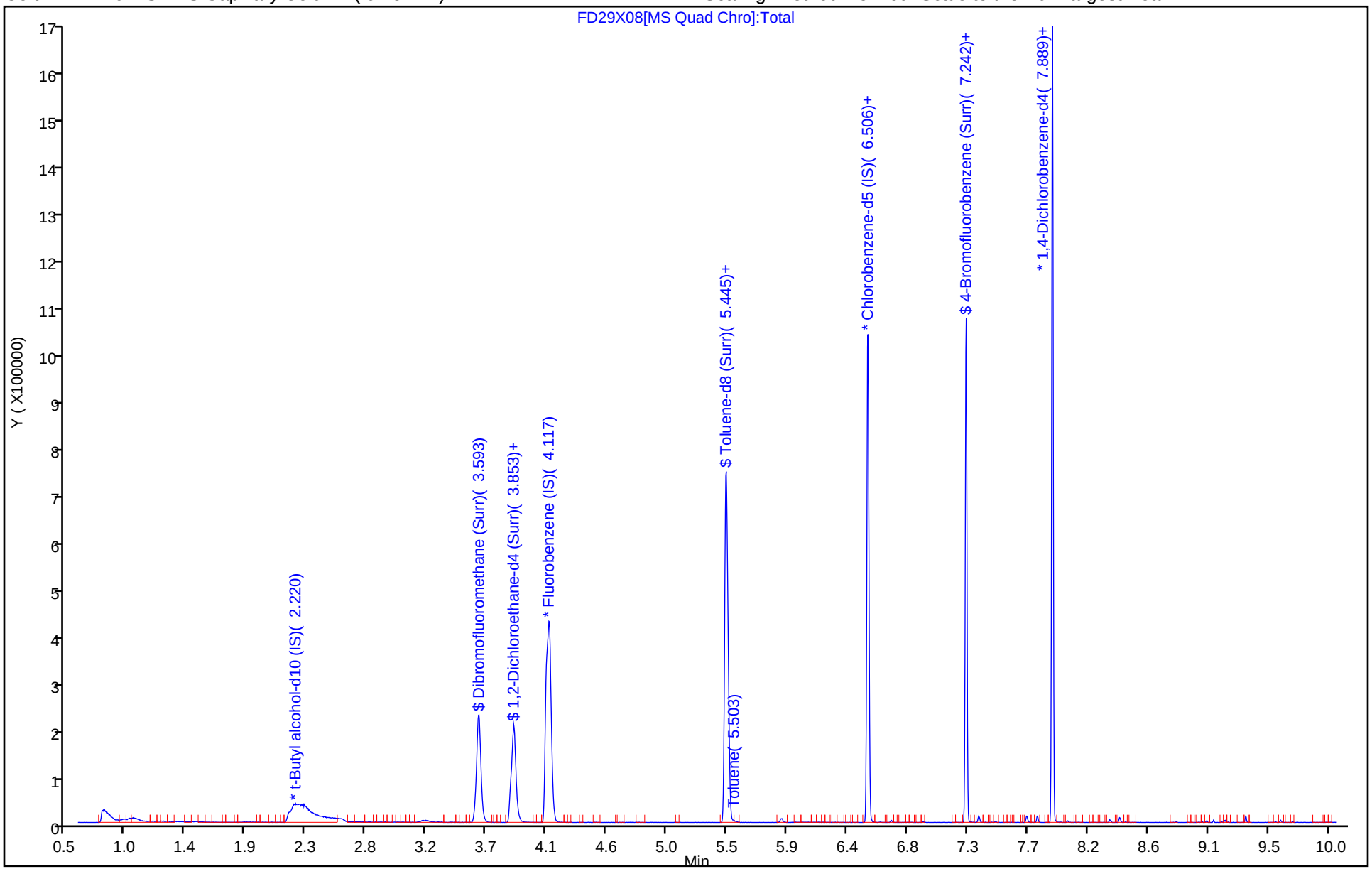
MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

Report Date: 30-Dec-2024 22:09:20 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X08.D				
Injection Date:	29-Dec-2024 21:38:00	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-6	Lab Sample ID:	410-201496-6	Worklist Smp#:	9
Client ID:	HD-QC1-0/1-3				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	58
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X08.D
Lims ID: 410-201496-A-6
Client ID: HD-QC1-0/1-3
Sample Type: Client
Inject. Date: 29-Dec-2024 21:38:00 ALS Bottle#: 58 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-009
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:06:13

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.0	95.92
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	48.6	97.28
$ 65 Toluene-d8 (Surr)	50.0	48.5	97.06
$ 86 4-Bromofluorobenzene (Surr)	50.0	49.6	99.23

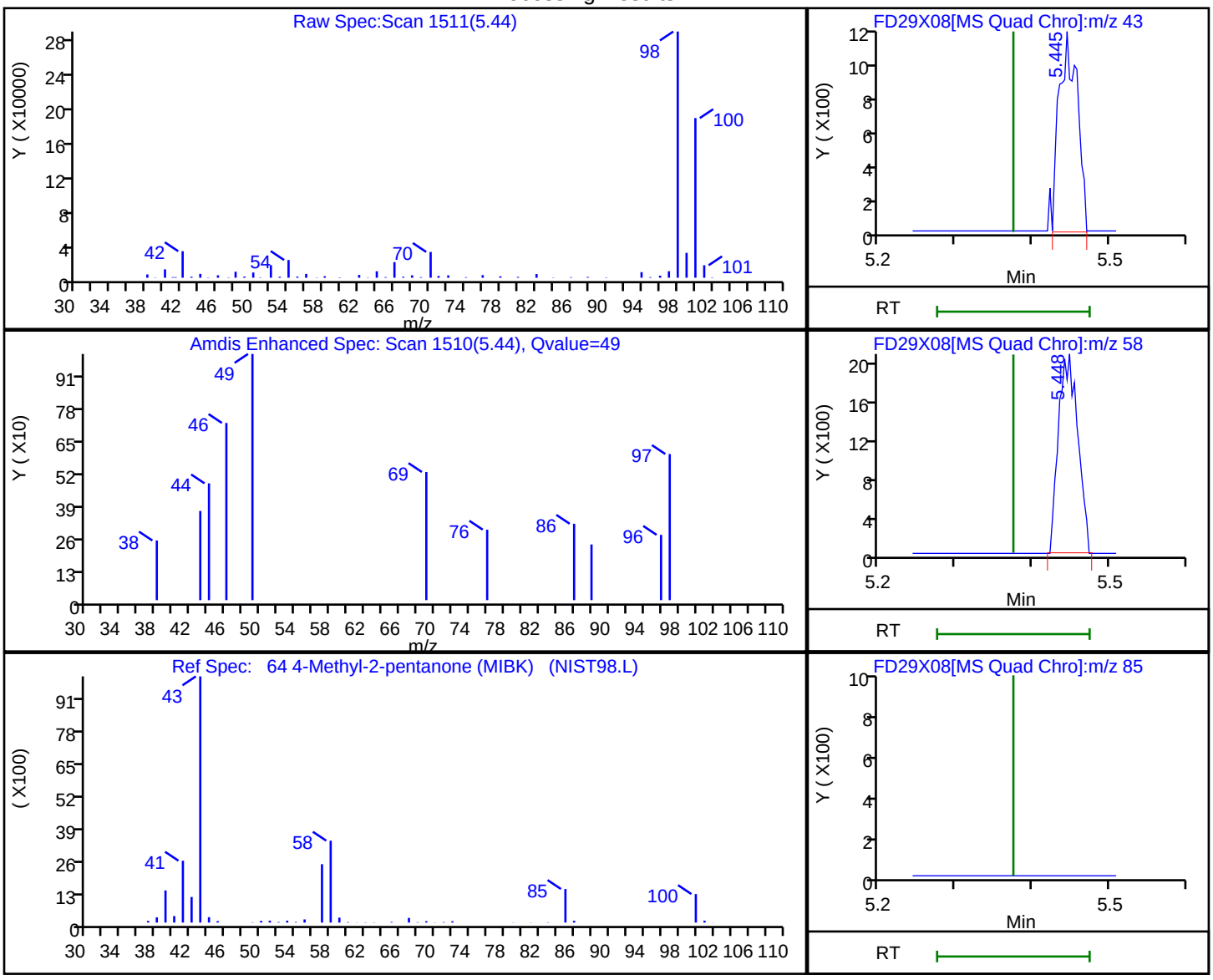
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X08.D				
Injection Date:	29-Dec-2024 21:38:00	Instrument ID:	15830		
Lims ID:	410-201496-A-6	Lab Sample ID:	410-201496-6		
Client ID:	HD-QC1-0/1-3				
Operator ID:	gaw91131	ALS Bottle#:	58	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.44	43.00	1929	0.410088
5.45	58.00	3679	
5.44	100.00	338743	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:06:04 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID: HD-QC1-0/1-4
Lab Sample ID: 410-201496-7

Matrix: Water
Lab File ID: FD29X15.D

Analysis Method: 8260D
Date Collected: 12/17/2024 15:00

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 23:54

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND	^c *-cn	1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND	^c cn	1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^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	^c cn	1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND	cn	1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND	^c	2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID: HD-QC1-0/1-4
Lab Sample ID: 410-201496-7

Matrix: Water
Lab File ID: FD29X15.D

Analysis Method: 8260D
Date Collected: 12/17/2024 15:00

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 23:54

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
127-18-4	Tetrachloroethene	ND		1.0	0.30
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		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)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	98		80-120
1868-53-7	Dibromofluoromethane (Surr)	98		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X15.D
Lims ID: 410-201496-A-7
Client ID: HD-QC1-0/1-4
Sample Type: Client
Inject. Date: 29-Dec-2024 23:54:16 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-016
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:08:30

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	2 Chloromethane	50		1.124				ND	
	3 Vinyl chloride	62		1.179				ND	
	5 Bromomethane	94		1.368				ND	
	6 Chloroethane	64		1.381				ND	
	11 Acetone	58		1.844				ND	
	10 1,1-Dichloroethene	96		1.854				ND	
	14 Carbon disulfide	76		2.031				ND	
	19 Methylene Chloride	84		2.204				ND	
*	20 t-Butyl alcohol-d10 (IS)	65	2.236	2.240	-0.004	91	258398	250.0	
	25 Methyl tert-butyl ether	73		2.391				ND	
	24 trans-1,2-Dichloroethene	96		2.397				ND	
	27 1,1-Dichloroethane	63		2.735				ND	
	32 2-Butanone (MEK)	43		3.159				ND	7
	31 cis-1,2-Dichloroethene	96		3.188				ND	
	36 Chlorobromomethane	128		3.378				ND	
	39 Chloroform	83		3.468				ND	
$	41 Dibromofluoromethane (Surr)	113	3.593	3.590	0.003	93	158035	49.0	
	40 1,1,1-Trichloroethane	97		3.596				ND	
	43 Carbon tetrachloride	117		3.722				ND	
$	46 1,2-Dichloroethane-d4 (Surr)	102	3.857	3.860	-0.003	45	36833	49.2	
	47 Benzene	78		3.867				ND	
	48 1,2-Dichloroethane	62		3.918				ND	
*	50 Fluorobenzene (IS)	96	4.120	4.121	0.000	99	535516	50.0	
	53 Trichloroethene	95		4.420				ND	
	55 1,2-Dichloropropane	63		4.629				ND	
	60 Dichlorobromomethane	83		4.860				ND	
	63 cis-1,3-Dichloropropene	75		5.227				ND	
	64 4-Methyl-2-pentanone (MIBK)	43		5.374				ND	U
$	65 Toluene-d8 (Surr)	98	5.445	5.448	-0.003	94	480219	48.4	
	66 Toluene	92	5.503	5.506	-0.003	95	1640	0.2705	
	67 trans-1,3-Dichloropropene	75		5.709				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
69 1,1,2-Trichloroethane	97		5.854				ND	
70 Tetrachloroethene	166		5.902				ND	
73 2-Hexanone	43		6.024				ND	
74 Chlorodibromomethane	129		6.120				ND	
75 Ethylene Dibromide	107		6.188				ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	366531	50.0	
77 Chlorobenzene	112		6.526				ND	7
79 1,1,1,2-Tetrachloroethane	131		6.593				ND	
80 Ethylbenzene	91		6.600				ND	7
81 m-Xylene & p-Xylene	106		6.683				ND	7
82 o-Xylene	106		6.921				ND	7
83 Styrene	104		6.934				ND	
84 Bromoform	173		7.037				ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	90	185916	48.9	
88 1,1,2,2-Tetrachloroethane	83		7.333				ND	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	221344	50.0	
S 138 Xylenes, Total	106		11.245				ND	7

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

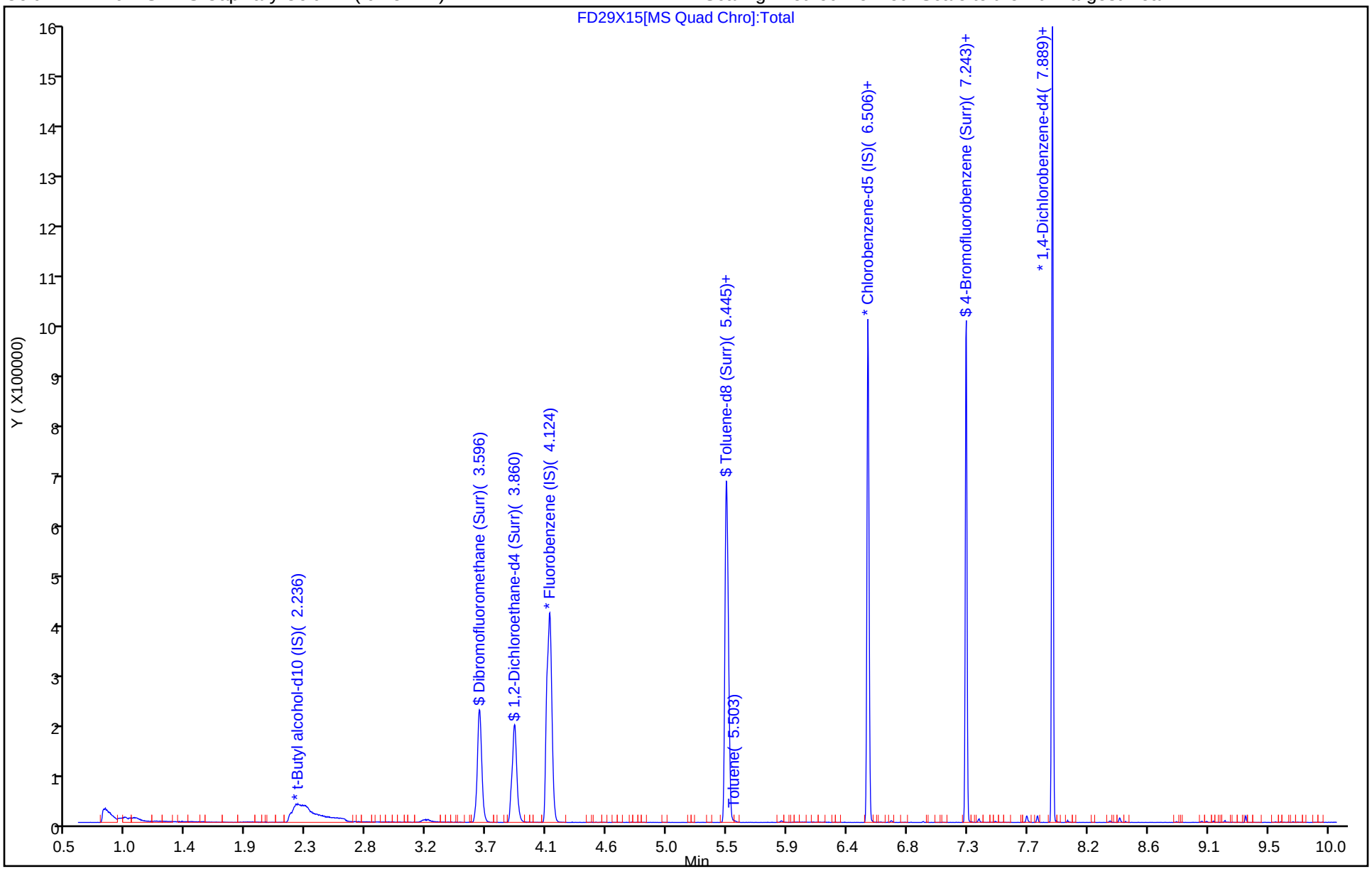
Report Date: 30-Dec-2024 22:09:33 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X15.D

Injection Date:	29-Dec-2024 23:54:16	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	410-201496-A-7	Lab Sample ID:	410-201496-7	Worklist Smp#:	16
Client ID:	HD-QC1-0/1-4				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	65
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X15.D
Lims ID: 410-201496-A-7
Client ID: HD-QC1-0/1-4
Sample Type: Client
Inject. Date: 29-Dec-2024 23:54:16 ALS Bottle#: 65 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-016
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Dec-2024 22:09:12 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1611

First Level Reviewer: Y6ZN Date: 30-Dec-2024 22:08:30

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	49.0	98.02
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.43
$ 65 Toluene-d8 (Surr)	50.0	48.4	96.87
$ 86 4-Bromofluorobenzene (Surr)	50.0	48.9	97.75

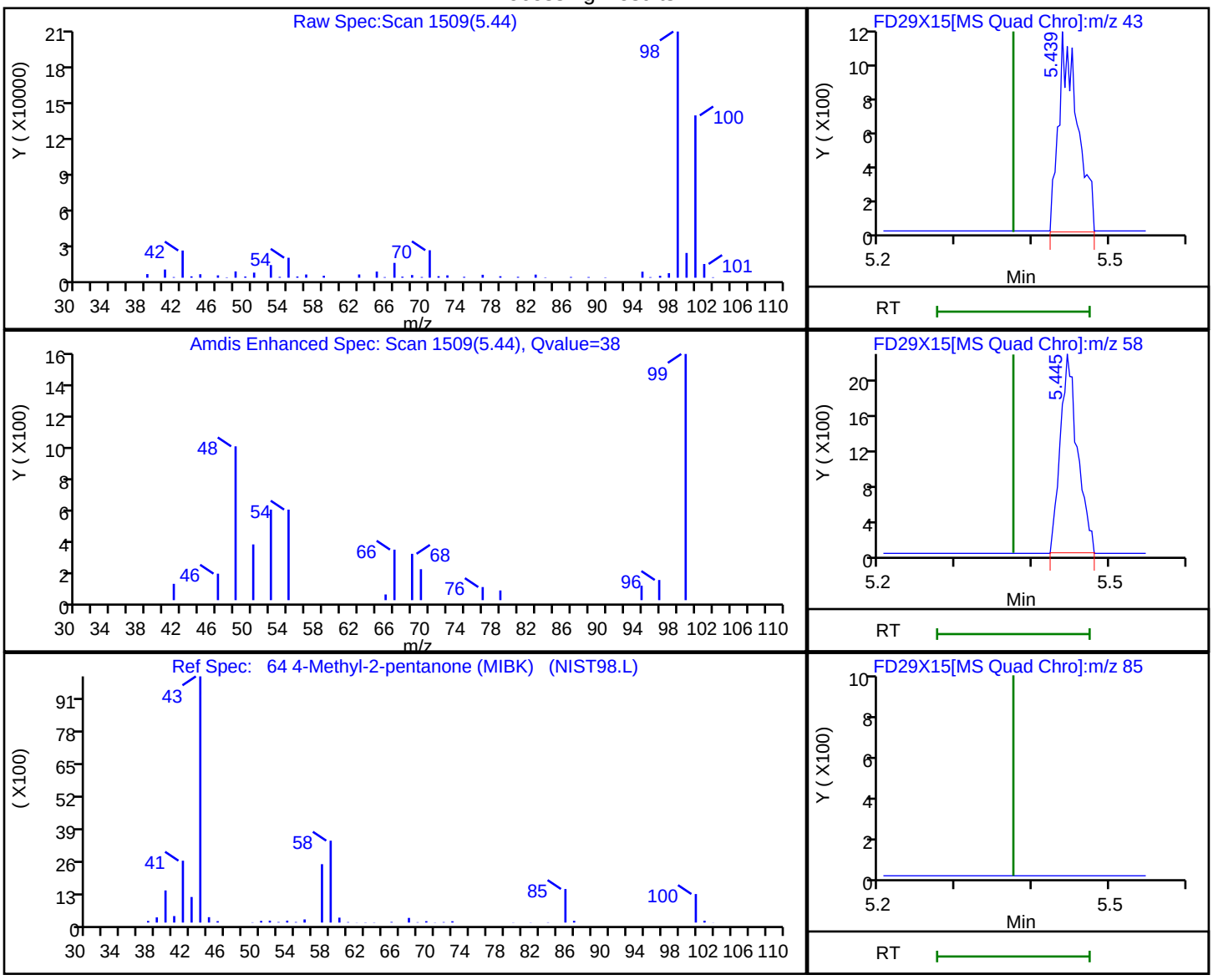
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X15.D				
Injection Date:	29-Dec-2024 23:54:16	Instrument ID:	15830		
Lims ID:	410-201496-A-7	Lab Sample ID:	410-201496-7		
Client ID:	HD-QC1-0/1-4				
Operator ID:	gaw91131	ALS Bottle#:	65	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.44	43.00	1972	0.451627
5.45	58.00	3536	
5.45	100.00	315720	
5.37	85.00	0	

Reviewer: Y6ZN, 30-Dec-2024 22:08:23 -05:00:00 (UTC)

Audit Action: Marked Compound Undetected Audit Reason: Invalid Compound ID

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-568594/4	FC28X03.D
Level 2	IC 410-568594/5	FC28X04.D
Level 3	IC 410-568594/6	FC28X05.D
Level 4	IC 410-568594/7	FC28X06.D
Level 5	ICIS 410-568594/8	FC28X07.D
Level 6	IC 410-568594/9	FC28X08.D
Level 7	IC 410-568594/10	FC28X09.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	0.3683 0.3931	0.4858 0.3431	0.4779	0.4119	0.3641	Ave		0.4063			0.1000	13.8		20.0			
Chloromethane	0.3709 0.4122	0.5443 0.3381	0.5227	0.4423	0.3758	Ave		0.4295			0.1000	18.3		20.0			
Vinyl chloride	0.3449 0.3369	0.4150 0.2853	0.4132	0.3597	0.3121	Ave		0.3524			0.1000	13.7		20.0			
1,3-Butadiene	0.5228 0.3935	0.5793 0.3364	0.5125	0.4470	0.3783	Ave		0.4528				19.6		20.0			
Bromomethane	0.2781 0.2481	0.2993 0.2058	0.3090	0.2719	0.2315	Ave		0.2634			0.1000	14.0		20.0			
Chloroethane	0.2010 0.1981	0.2372 0.1700	0.2413	0.2151	0.1855	Ave		0.2069			0.1000	12.6		20.0			
n-Pentane	0.4588 0.4161	0.4828 0.3614	0.4837	0.4198	0.4019	Ave		0.4321				10.5		20.0			
Dichlorofluoromethane	0.7657 0.5773	0.7708 0.4909	0.7321	0.6436	0.5405	Ave		0.6458			0.1000	17.6		20.0			
Trichlorofluoromethane	0.3950 0.5194	0.6334 0.4441	0.6389	0.5563	0.4882	Ave		0.5250			0.1000	17.5		20.0			
Freon 123a	0.3963 0.3155	0.4236 0.2774	0.3983	0.3496	0.3068	Ave		0.3525				15.6		20.0			
Acrolein	0.6068 0.7962	0.5756 0.8332	0.5677	0.5587	0.6428	Ave		0.6544				17.4		20.0			
1,1-Dichloroethene	0.2485 0.2505	0.2753 0.2147	0.2879	0.2695	0.2398	Ave		0.2552			0.1000	9.6		20.0			
Acetone	+++++ 0.4568	0.4090 0.4383	0.4060	0.4026	0.4205	Ave		0.4222			0.1000	5.1		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

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	0.1843 0.3039	0.3190 0.2564	0.3353	0.3048	0.2829	Ave		0.2838			0.1000	17.8		20.0			
Methyl iodide	0.5060 0.5468	0.6084 0.4552	0.6126	0.5801	0.5178	Ave		0.5467				10.6		20.0			
2-Propanol	0.4369 0.3617	0.3986 0.3322	0.3577	0.3794	0.3266	Ave		0.3704				10.4		20.0			
Carbon disulfide	0.8065 0.7591	0.8761 0.6581	0.8740	0.7857	0.7117	Ave		0.7816			0.1000	10.3		20.0			
Methyl acetate	0.4580 0.3082	0.3203 0.2973	0.3782	0.3673	0.3463	Ave		0.3536			0.1000	15.5		20.0			
Allyl chloride	0.5804 0.3966	0.4441 0.3457	0.4454	0.4233	0.3866	Ave		0.4317				17.2		20.0			
Methylene Chloride	0.2978 0.2781	0.3169 0.2395	0.3110	0.3014	0.2630	Ave		0.2868			0.1000	9.8		20.0			
t-Butyl alcohol	0.9510 0.9690	0.9894 0.9185	1.0442	1.0115	0.9644	Ave		0.9783				4.2		20.0			
Acrylonitrile	0.1883 0.1765	0.1880 0.1568	0.1970	0.1883	0.1667	Ave		0.1802				7.9		20.0			
Methyl tert-butyl ether	0.8757 0.7995	0.8985 0.6856	0.8984	0.8564	0.8015	Ave		0.8308			0.1000	9.2		20.0			
trans-1,2-Dichloroethene	0.2588 0.2727	0.3082 0.2326	0.3109	0.2948	0.2713	Ave		0.2785			0.1000	10.1		20.0			
n-Hexane	0.3604 0.3417	0.3690 0.2988	0.3698	0.3327	0.3044	Ave		0.3396				8.6		20.0			
1,1-Dichloroethane	0.4311 0.4624	0.5047 0.3989	0.5244	0.4925	0.4603	Ave		0.4678			0.2000	9.3		20.0			
Isopropyl ether	0.7412 0.7252	0.7782 0.6349	0.8018	0.7676	0.7262	Ave		0.7393				7.3		20.0			
2-Chloro-1,3-butadiene	0.3850 0.4280	0.4661 0.3706	0.4756	0.4509	0.4260	Ave		0.4289				9.2		20.0			
Ethyl t-butyl ether	0.8126 0.8089	0.8770 0.7000	0.8770	0.8623	0.8029	Ave		0.8201				7.6		20.0			
2-Butanone (MEK)	0.3152 0.2529	0.2739 0.2360	0.2440	0.2447	0.2222	Ave		0.2556			0.1000	12.0		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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
cis-1,2-Dichloroethene	0.3267 0.3057	0.3427 0.2623	0.3515	0.3340	0.3053	Ave		0.3183			0.1000	9.5		20.0			
2,2-Dichloropropane	0.4298 0.4520	0.5067 0.3848	0.5132	0.4821	0.4369	Ave		0.4579				10.0		20.0			
Propionitrile	0.6128 0.6790	0.6378 0.6974	0.6840	0.6428	0.5112	Ave		0.6379				9.9		20.0			
Methacrylonitrile	0.1586 0.1565	0.1589 0.1523	0.1638	0.1579	0.1545	Ave		0.1575				2.3		20.0			
Bromochloromethane	0.1534 0.1577	0.1740 0.1347	0.1789	0.1701	0.1560	Ave		0.1607				9.4		20.0			
Tetrahydrofuran	0.6722 0.6592	0.6287 0.7004	0.6633	0.6215	0.6474	Ave		0.6561				4.1		20.0			
Chloroform	0.5138 0.4804	0.5422 0.4201	0.5467	0.5211	0.4773	Ave		0.5002			0.2000	8.9		20.0			
1,1,1-Trichloroethane	0.4452 0.4649	0.5072 0.4050	0.5146	0.4860	0.4515	Ave		0.4678			0.1000	8.2		20.0			
Cyclohexane	0.4589 0.4754	0.5106 0.4153	0.5212	0.4751	0.4568	Ave		0.4733			0.1000	7.5		20.0			
1,1-Dichloropropene	0.2904 0.3685	0.3878 0.3400	0.3964	0.3756	0.3658	Ave		0.3607				9.9		20.0			
Carbon tetrachloride	0.3521 0.4244	0.4412 0.3708	0.4509	0.4247	0.4044	Ave		0.4098			0.1000	8.9		20.0			
Isobutyl alcohol	0.3191 0.2270	0.2603 0.2291	0.2325	0.2414	0.2251	Ave		0.2478				13.6		20.0			
Benzene	0.7859 0.9942	1.0311 0.9317	1.0763	1.0249	0.9905	Ave		0.9763			0.5000	9.7		20.0			
1,2-Dichloroethane	0.4327 0.3528	0.3855 0.3309	0.3853	0.3720	0.3518	Ave		0.3730			0.1000	8.8		20.0			
t-Amyl methyl ether	0.7876 0.8031	0.8540 0.6892	0.8603	0.8237	0.7830	Ave		0.8001				7.2		20.0			
n-Heptane	0.1846 0.1695	0.1572 0.2249	0.1743	0.1469	0.1885	Ave		0.1780				14.2		20.0			
n-Butanol	0.2095 0.2057	0.1975 0.2022	0.2130	0.2152	0.2102	Ave		0.2076				3.0		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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
Trichloroethene	0.2296 0.2601	0.2622 0.2585	0.2747	0.2723	0.2630	Ave		0.2601			0.2000	5.7		20.0			
Methylcyclohexane	0.4131 0.5134	0.5173 0.4460	0.5495	0.4877	0.4900	Ave		0.4881			0.1000	9.4		20.0			
1,2-Dichloropropane	0.1803 0.2208	0.2215 0.2192	0.2269	0.2245	0.2219	Ave		0.2164			0.1000	7.5		20.0			
t-Amyl ethyl ether	0.4128 0.4322	0.4325 0.3879	0.4584	0.4439	0.4286	Ave		0.4281				5.3		20.0			
1,4-Dioxane	+++++ 0.0568	0.0457 0.0528	0.0558	0.0595	0.0663	Ave		0.0561			0.0050	12.2		20.0			
Methyl methacrylate	0.2194 0.1929	0.1910 0.2046	0.1987	0.1955	0.2008	Ave		0.2004				4.8		20.0			
Dibromomethane	0.1630 0.1637	0.1718 0.1588	0.1730	0.1672	0.1630	Ave		0.1658				3.1		20.0			
Bromodichloromethane	0.2698 0.3077	0.2898 0.3131	0.3027	0.3034	0.3068	Ave		0.2990			0.2000	4.9		20.0			
2-Nitropropane	0.9912 1.0945	1.0000 1.2404	1.0574	0.9965	1.0761	Ave		1.0651				8.2		20.0			
2-Chloroethyl vinyl ether	0.1289 0.1388	0.1313 0.1474	0.1431	0.1356	0.1410	Ave		0.1380				4.7		20.0			
cis-1,3-Dichloropropene	0.2634 0.3309	0.3029 0.3609	0.3188	0.3236	0.3379	Ave		0.3198			0.2000	9.6		20.0			
4-Methyl-2-pentanone (MIBK)	0.4295 0.4149	0.4115 0.3959	0.3944	0.3908	0.4168	Ave		0.4077			0.1000	3.5		20.0			
Toluene	0.7327 0.8436	0.8453 0.8256	0.8568	0.8487	0.8375	Ave		0.8272			0.4000	5.2		20.0			
trans-1,3-Dichloropropene	0.3957 0.4476	0.4162 0.4570	0.4367	0.4402	0.4497	Ave		0.4347			0.1000	5.0		20.0			
Ethyl methacrylate	0.5108 0.4860	0.5027 0.4612	0.5200	0.5049	0.4976	Ave		0.4976				3.9		20.0			
1,1,2-Trichloroethane	0.2770 0.2793	0.2791 0.2788	0.2922	0.2838	0.2856	Ave		0.2823			0.1000	1.9		20.0			
Tetrachloroethene	0.3736 0.4156	0.4322 0.3980	0.4334	0.4256	0.4114	Ave		0.4128			0.2000	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
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichloropropane	0.4291 0.4488	0.4422 0.4543	0.4705	0.4583	0.4574	Ave		0.4515				2.9		20.0			
2-Hexanone	0.5053 0.4410	0.4571 0.4063	0.4437	0.4377	0.4493	Ave		0.4486			0.1000	6.6		20.0			
Dibromochloromethane	0.2675 0.3561	0.3288 0.3546	0.3342	0.3412	0.3473	Ave		0.3328				9.2		20.0			
1,2-Dibromoethane (EDB)	0.2820 0.3132	0.3166 0.3010	0.3273	0.3209	0.3176	Ave		0.3112			0.1000	4.9		20.0			
Chlorobenzene	0.8467 0.9269	0.9480 0.8790	0.9816	0.9470	0.9313	Ave		0.9229			0.5000	4.9		20.0			
1-Chlorohexane	0.4312 0.4433	0.4671 0.4068	0.4787	0.4639	0.4475	Ave		0.4484				5.4		20.0			
1,1,1,2-Tetrachloroethane	0.3872 0.4249	0.4238 0.3670	0.4382	0.4423	0.4025	Ave		0.4123				6.7		20.0			
Ethylbenzene	1.7261 1.6756	1.7751 1.5392	1.8322	1.7567	1.6823	Ave		1.7125			0.1000	5.5		20.0			
m&p-Xylene	0.6570 0.6728	0.6974 0.6040	0.7205	0.7089	0.6763	Ave		0.6767			0.1000	5.7		20.0			
o-Xylene	0.7031 0.7264	0.7602 0.6358	0.7867	0.7671	0.7054	Ave		0.7264			0.3000	7.0		20.0			
Styrene	0.9157 1.0135	0.9981 0.9334	1.0792	1.0637	1.0322	Ave		1.0051			0.3000	6.1		20.0			
Bromoform	0.2266 0.2649	0.2382 0.2548	0.2629	0.2589	0.2582	Ave		0.2521			0.1000	5.6		20.0			
Isopropylbenzene	1.5818 1.8317	1.8819 1.5919	1.9425	1.9137	1.7192	Ave		1.7804			0.1000	8.4		20.0			
Bromobenzene	0.6120 0.7050	0.6615 0.6778	0.6945	0.7007	0.6957	Ave		0.6782				4.8		20.0			
1,1,2,2-Tetrachloroethane	0.9168 0.9349	0.8664 0.8431	0.9080	0.8976	0.8661	Ave		0.8904			0.3000	3.7		20.0			
trans-1,4-Dichloro-2-butene	0.2215 0.2478	0.2246 0.2336	0.2390	0.2344	0.2369	Ave		0.2339				3.8		20.0			
1,2,3-Trichloropropane	0.3327 0.3082	0.3179 0.2809	0.3123	0.3127	0.2989	Ave		0.3091				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
CURVE EVALUATION

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
N-Propylbenzene	3.0171 3.5983	3.3891 3.2167	3.5232	3.5097	3.3481	Ave		3.3718				6.0		20.0			
2-Chlorotoluene	0.6573 0.7562	0.7201 0.7039	0.7709	0.7646	0.7256	Ave		0.7284				5.5		20.0			
1,3,5-Trimethylbenzene	2.2320 2.8525	2.5818 2.6222	2.7453	2.7574	2.6227	Ave		2.6305				7.6		20.0			
4-Chlorotoluene	0.5972 0.6912	0.6682 0.6379	0.7036	0.6944	0.6747	Ave		0.6667				5.6		20.0			
tert-Butylbenzene	0.3848 0.6060	0.4984 0.5871	0.5366	0.5509	0.5437	Ave		0.5296				13.7		20.0			
1,2,4-Trimethylbenzene	2.5442 2.7869	2.5484 2.5758	2.7841	2.7243	2.6161	Ave		2.6543				4.1		20.0			
sec-Butylbenzene	2.5358 3.5454	3.0503 3.2103	3.2977	3.3132	3.1711	Ave		3.1606				10.0		20.0			
1,3-Dichlorobenzene	1.2033 1.3383	1.3023 1.2609	1.3880	1.3504	1.3101	Ave		1.3076			0.6000	4.7		20.0			
p-Isopropyltoluene	2.2707 3.1280	2.7823 2.7739	2.9812	2.9545	2.7865	Ave		2.8110				9.7		20.0			
1,4-Dichlorobenzene	1.2500 1.3232	1.3296 1.2665	1.3729	1.3681	1.3177	Ave		1.3183			0.5000	3.5		20.0			
1,2,3-Trimethylbenzene	2.4786 2.9514	2.6537 2.6893	2.8365	2.8420	2.6612	Ave		2.7304				5.8		20.0			
Benzyl chloride	1.8377 1.8944	1.8782 1.8163	1.9357	1.9167	1.8372	Ave		1.8737				2.4		20.0			
1,3-Diethylbenzene	1.3609 1.6860	1.5681 1.5079	1.6641	1.6587	1.5318	Ave		1.5682				7.3		20.0			
1,4-Diethylbenzene	1.3983 1.7169	1.6452 1.5328	1.7317	1.7000	1.5973	Ave		1.6175				7.4		20.0			
n-Butylbenzene	1.0043 1.3074	1.2320 1.1522	1.3207	1.2820	1.2068	Ave		1.2151				9.1		20.0			
1,2-Dichlorobenzene	1.2556 1.3768	1.3848 1.2372	1.4314	1.4307	1.3380	Ave		1.3507			0.4000	5.8		20.0			
1,2-Diethylbenzene	1.0981 1.4685	1.2595 1.3439	1.3915	1.3801	1.3185	Ave		1.3229				9.0		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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromo-3-Chloropropane	0.3431 0.3686	0.3166 0.3501	0.3462	0.3539	0.3373	Ave		0.3451			0.0500	4.6		20.0			
1,3,5-Trichlorobenzene	0.9058 1.0217	1.0106 0.9250	1.0325	1.0100	0.9529	Ave		0.9798				5.2		20.0			
1,2,4-Trichlorobenzene	0.9630 1.0324	1.0007 0.9266	1.0426	1.0446	0.9491	Ave		0.9941			0.2000	4.9		20.0			
Hexachlorobutadiene	0.2985 0.3733	0.3287 0.3657	0.3560	0.3534	0.3439	Ave		0.3456				7.3		20.0			
Naphthalene	4.3309 4.3334	4.3019 3.6739	4.4197	4.3693	3.8934	Ave		4.1889				6.8		20.0			
1,2,3-Trichlorobenzene	1.0277 1.0820	1.0325 0.9430	1.0861	1.0742	0.9613	Ave		1.0295				5.6		20.0			
2-Methylnaphthalene	2.4141 2.4773	2.1939 2.0094	2.2929	2.4054	2.1137	Ave		2.2724				7.6		20.0			
Dibromofluoromethane (Surr)	0.3175 0.2947	0.3150 0.2650	0.3123	0.3090	0.2939	Ave		0.3011				6.1		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0724 0.0682	0.0716 0.0646	0.0711	0.0713	0.0699	Ave		0.0699				3.8		20.0			
Toluene-d8 (Surr)	1.3360 1.3701	1.3325 1.3824	1.3388	1.3529	1.3548	Ave		1.3525				1.4		20.0			
4-Bromofluorobenzene (Surr)	0.5361 0.5005	0.5332 0.4902	0.5301	0.5209	0.5212	Ave		0.5189				3.3		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-201496-1 | Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 | Calibration End Date: 10/28/2024 18:29 | Calibration ID: 66972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-568594/4	FC28X03.D
Level 2	IC 410-568594/5	FC28X04.D
Level 3	IC 410-568594/6	FC28X05.D
Level 4	IC 410-568594/7	FC28X06.D
Level 5	ICIS 410-568594/8	FC28X07.D
Level 6	IC 410-568594/9	FC28X08.D
Level 7	IC 410-568594/10	FC28X09.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	3911 456105	20763 1412261	51598	90760	229744	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	3938 478271	23264 1391343	56432	97449	237110	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	3662 390806	17736 1174390	44610	79267	196899	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	5551 456535	24761 1384488	55333	98494	238725	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	2953 287896	12791 847213	33361	59910	146095	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	2134 229802	10137 699760	26053	47392	117056	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	4871 482799	20634 1487583	52224	92498	253605	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	8130 669769	32945 2020376	79037	141822	341058	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	4194 602557	27073 1827793	68978	122587	308068	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	4208 366020	18104 1141821	43000	77043	193595	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBAd10	Ave	9216 1110291	32817 3627975	77349	159914	482913	10.0 1002	40.1 3006	100	200	501
1,1-Dichloroethene	FB	Ave	2639 290635	11768 883814	31082	59383	151313	1.00 100	4.00 300	10.0	20.0	50.0
Acetone	TBAd10	Ave	+++++ 127111	4654 380865	11041	22997	63058	+++++ 200	8.00 600	20.0	40.0	100
Freon 113	FB	Ave	1957 352558	13634 1055224	36196	67171	178509	1.00 100	4.00 300	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methyl iodide	FB	Ave	5373 634441	26004 1873612	66142	127828	326693	1.00 100	4.00 300	10.0	20.0	50.0
2-Propanol	TBAd10	Ave	3311 251618	11339 721714	24315	54182	122431	5.00 500	20.0 1500	50.0	100	250
Carbon disulfide	FB	Ave	8563 880749	37447 2708452	94359	173120	449092	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	4863 357516	13690 1223591	40829	80928	218523	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	6163 460124	18982 1422758	48090	93262	243957	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	3162 322631	13547 985772	33573	66420	165953	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBAd10	Ave	7207 674125	28144 1995424	70989	144441	361495	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	4998 511787	20087 1613193	53169	103708	262919	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	9298 927541	38405 2821824	96992	188703	505707	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	2748 316404	13174 957153	33563	64952	171162	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	3827 396436	15773 1229755	39929	73319	192060	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	4577 536447	21573 1641863	56615	108511	290455	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	7870 841365	33264 2613025	86566	169135	458205	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	4088 496603	19922 1525453	51348	99357	268816	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	8628 938520	37487 2881197	94681	190004	506634	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	6694 586796	23416 1942357	52679	107856	280399	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	3469 354629	14649 1079769	37950	73592	192610	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	4564 524389	21658 1583587	55405	106221	275648	1.00 100	4.00 300	10.0	20.0	50.0
Propionitrile	TBAd10	Ave	4644 472369	18144 1515090	46498	91797	191619	5.00 500	20.0 1500	50.0	100	250

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Methacrylonitrile	FB	Ave	4211 454008	16976 1567130	44219	86976	243764	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	1629 183015	7438 554417	19315	37471	98403	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBAd10	Ave	5094 458593	17883 1521580	45096	88755	242696	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	5455 557329	23174 1728851	59026	114827	301176	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	4727 539333	21677 1666697	55561	107085	284872	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	4873 551566	21824 1709482	56270	104683	288240	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	3083 427530	16577 1399562	42801	82770	230810	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	3738 492337	18860 1525943	48678	93575	255166	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBAd10	Ave	6046 394823	18512 1244119	39521	86173	210958	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	8344 1153418	44070 3834520	116194	225829	625001	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	4594 409330	16476 1362036	41601	81969	221985	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	8363 931711	36500 2836416	92875	181498	494067	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	1960 196706	6721 925640	18821	32374	118960	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBAd10	Ave	3969 357711	14046 1098327	36208	76836	196959	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	2438 301783	11207 1064027	29659	60009	165973	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	4386 595619	22109 1835627	59325	107454	309210	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	1914 256215	9467 902219	24492	49470	140036	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl ethyl ether	FB	Ave	4383 501436	18487 1596651	49487	97819	270442	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBAd10	Ave	+++++	3249	9487	21255	62102	+++++	50.0	125	250	625

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

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
			98773	286498				1250	3750			
Methyl methacrylate	FB	Ave	2330 223781	8165 841914	21453	43080	126670	1.00 100	4.00 300	10.0	20.0	50.0
Dibromomethane	FB	Ave	1731 189908	7345 653775	18674	36847	102835	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	2865 356955	12386 1288488	32681	66846	193573	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBAd10	Ave	7511 761454	28446 2694631	71883	142302	403385	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	1369 161068	5614 606700	15452	29878	88937	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	2797 383911	12948 1485289	34421	71295	213201	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	9120 962763	35177 3258789	85158	172224	526011	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	5015 638457	23144 2315220	59990	120259	352070	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	2708 338789	11395 1281641	30577	62379	189028	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	3496 367864	13762 1293293	36409	71541	209174	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	1896 211377	7642 781893	20460	40219	120039	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	2557 314560	11834 1116257	30345	60301	172939	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	2937 339685	12108 1274085	32944	64945	192271	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	6917 667515	25028 2278663	62127	124033	377734	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	1831 269516	9003 994493	23399	48340	145982	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromoethane (EDB)	CBZd5	Ave	1930 237038	8668 844025	22914	45466	133501	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	5795 701528	25955 2465110	68730	134186	391507	1.00 100	4.00 300	10.0	20.0	50.0
1-Chlorohexane	CBZd5	Ave	2951 335514	12790 1140797	33520	65733	188136	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1,2-Tetrachloroethane	CBZd5	Ave	2650 321556	11603 1029072	30682	62668	169200	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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZd5	Ave	11814 1268213	48601 4316520	128287	248917	707189	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	8993 1018358	38188 3387880	100892	200900	568584	2.00 200	8.00 600	20.0	40.0	100
o-Xylene	CBZd5	Ave	4812 549757	20813 1783099	55084	108689	296512	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	6267 767056	27326 2617703	75561	150713	433920	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	1551 200520	6521 714452	18408	36689	108558	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	10826 1386317	51524 4464234	136006	271164	722724	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	2715 310737	11832 1053900	31246	62410	177692	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	4067 412061	15496 1310898	40851	79947	221236	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	2456 272999	10041 908147	26875	52186	151297	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	1476 135837	5685 436715	14052	27849	76343	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	13384 1585994	60615 5001783	158504	312611	855205	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	2916 333287	12880 1094470	34681	68104	185342	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	9901 1257243	46177 4077320	123508	245598	669900	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	2649 304634	11951 991872	31656	61848	172336	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	1707 267086	8914 912875	24141	49068	138868	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	11286 1228343	45579 4005185	125253	242651	668230	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	11249 1562659	54556 4991819	148359	295109	809997	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	5338 589874	23292 1960648	62446	120283	334635	1.00 100	4.00 300	10.0	20.0	50.0
p-Isopropyltoluene	DCBd4	Ave	10073 1378692	49763 4313263	134120	263157	711757	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	5545 583223	23781 1969308	61764	121857	336574	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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5
1,2,3-Trimethylbenzene	DCBd4	Ave	10995 1300855	47462 4181682	127608	253133	679737	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	8152 834976	33592 2824270	87085	170718	469260	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	6037 743108	28046 2344755	74865	147740	391262	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	6203 756756	29424 2383403	77908	151414	408000	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	4455 576238	22035 1791671	59417	114183	308252	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	5570 606848	24767 1923739	64397	127432	341769	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	4871 647261	22526 2089702	62600	122927	336784	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	1522 162476	5663 544416	15576	31518	86148	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	4018 450305	18074 1438334	46451	89960	243398	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	4272 455018	17897 1440754	46907	93043	242420	1.00 100	4.00 300	10.0	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	1324 164535	5879 568627	16017	31477	87849	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	19212 1909973	76940 5712610	198836	389174	994477	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	4559 476902	18467 1466229	48860	95683	245537	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	10709 1091874	39239 3124545	103156	214244	539908	1.00 100	4.00 300	10.0	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	168554 170928	168303 181773	168570	170238	185459	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	38420 39581	38276 44326	38371	39264	44127	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	457216 518497	456028 646108	468703	479259	569525	50.0 50.0	50.0 50.0	50.0	50.0	50.0
4-Bromofluorobenzene (Surr)	CBZd5	Ave	183475 189411	182496 229095	185571	184506	219095	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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-568594/4	FC28X03.D
Level 2	IC 410-568594/5	FC28X04.D
Level 3	IC 410-568594/6	FC28X05.D
Level 4	IC 410-568594/7	FC28X06.D
Level 5	ICIS 410-568594/8	FC28X07.D
Level 6	IC 410-568594/9	FC28X08.D
Level 7	IC 410-568594/10	FC28X09.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	-9.3 -15.6	19.6	17.6	1.4	-10.4	-3.2	50 30	30	30	30	30	30
Chloromethane	-13.6 -21.3	26.7	21.7	3.0	-12.5	-4.0	50 30	30	30	30	30	30
Vinyl chloride	-2.1 -19.0	17.7	17.2	2.1	-11.5	-4.4	50 30	30	30	30	30	30
1,3-Butadiene	15.5 -25.7	27.9	13.2	-1.3	-16.5	-13.1	50 30	30	30	30	30	30
Bromomethane	5.6 -21.9	13.6	17.3	3.2	-12.1	-5.8	50 30	30	30	30	30	30
Chloroethane	-2.8 -17.8	14.6	16.6	4.0	-10.3	-4.3	50 30	30	30	30	30	30
n-Pentane	6.2 -16.3	11.7	12.0	-2.8	-7.0	-3.7	50 30	30	30	30	30	30
Dichlorofluoromethane	18.6 -24.0	19.3	13.4	-0.3	-16.3	-10.6	50 30	30	30	30	30	30
Trichlorofluoromethane	-24.8 -15.4	20.6	21.7	6.0	-7.0	-1.1	50 30	30	30	30	30	30
Freon 123a	12.4 -21.3	20.2	13.0	-0.8	-13.0	-10.5	50 30	30	30	30	30	30
Acrolein	-7.3 27.3	-12.0	-13.3	-14.6	-1.8	21.7	50 30	30	30	30	30	30
1,1-Dichloroethene	-2.6 -15.9	7.9	12.8	5.6	-6.0	-1.8	50 30	30	30	30	30	30
Acetone	+++++ 3.8	-3.1	-3.8	-4.6	-0.4	8.2	30	50	30	30	30	30
Freon 113	-35.1 -9.7	12.4	18.1	7.4	-0.3	7.1	50 30	30	30	30	30	30
Methyl iodide	-7.4 -16.7	11.3	12.1	6.1	-5.3	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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
2-Propanol	17.9 -10.3	7.6	-3.4	2.4	-11.8	-2.4	50 30	30	30	30	30	30
Carbon disulfide	3.2 -15.8	12.1	11.8	0.5	-8.9	-2.9	50 30	30	30	30	30	30
Methyl acetate	29.5 -15.9	-9.4	6.9	3.9	-2.1	-12.9	50 30	30	30	30	30	30
Allyl chloride	34.4 -19.9	2.9	3.2	-2.0	-10.4	-8.1	50 30	30	30	30	30	30
Methylene Chloride	3.8 -16.5	10.5	8.4	5.1	-8.3	-3.0	50 30	30	30	30	30	30
t-Butyl alcohol	-2.8 -6.1	1.1	6.7	3.4	-1.4	-1.0	50 30	30	30	30	30	30
Acrylonitrile	4.5 -13.0	4.3	9.3	4.5	-7.5	-2.1	50 30	30	30	30	30	30
Methyl tert-butyl ether	5.4 -17.5	8.2	8.1	3.1	-3.5	-3.8	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	-7.1 -16.5	10.7	11.6	5.9	-2.6	-2.1	50 30	30	30	30	30	30
n-Hexane	6.1 -12.0	8.7	8.9	-2.0	-10.4	0.6	50 30	30	30	30	30	30
1,1-Dichloroethane	-7.8 -14.7	7.9	12.1	5.3	-1.6	-1.1	50 30	30	30	30	30	30
Isopropyl ether	0.3 -14.1	5.3	8.5	3.8	-1.8	-1.9	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-10.2 -13.6	8.7	10.9	5.1	-0.7	-0.2	50 30	30	30	30	30	30
Ethyl t-butyl ether	-0.9 -14.6	6.9	6.9	5.1	-2.1	-1.4	50 30	30	30	30	30	30
2-Butanone (MEK)	23.3 -7.7	7.2	-4.5	-4.2	-13.1	-1.0	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	2.6 -17.6	7.7	10.4	4.9	-4.1	-4.0	50 30	30	30	30	30	30
2,2-Dichloropropane	-6.1 -16.0	10.7	12.1	5.3	-4.6	-1.3	50 30	30	30	30	30	30
Propionitrile	-3.9 9.3	0.0	7.2	0.8	-19.9	6.4	50 30	30	30	30	30	30
Methacrylonitrile	0.7 -3.3	0.9	4.0	0.2	-1.9	-0.6	50 30	30	30	30	30	30
Bromochloromethane	-4.5 -16.2	8.3	11.3	5.8	-2.9	-1.8	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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

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
Tetrahydrofuran	2.5 6.8	-4.2	1.1	-5.3	-1.3	0.5	50 30	30	30	30	30	30
Chloroform	2.7 -16.0	8.4	9.3	4.2	-4.6	-4.0	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-4.8 -13.4	8.4	10.0	3.9	-3.5	-0.6	50 30	30	30	30	30	30
Cyclohexane	-3.0 -12.3	7.9	10.1	0.4	-3.5	0.4	50 30	30	30	30	30	30
1,1-Dichloropropene	-19.5 -5.7	7.5	9.9	4.2	1.4	2.2	50 30	30	30	30	30	30
Carbon tetrachloride	-14.1 -9.5	7.7	10.0	3.6	-1.3	3.6	50 30	30	30	30	30	30
Isobutyl alcohol	28.8 -7.6	5.1	-6.2	-2.6	-9.2	-8.4	50 30	30	30	30	30	30
Benzene	-19.5 -4.6	5.6	10.2	5.0	1.5	1.8	50 30	30	30	30	30	30
1,2-Dichloroethane	16.0 -11.3	3.3	3.3	-0.3	-5.7	-5.4	50 30	30	30	30	30	30
t-Amyl methyl ether	-1.6 -13.9	6.7	7.5	2.9	-2.1	0.4	50 30	30	30	30	30	30
n-Heptane	3.7 26.3	-11.7	-2.1	-17.5	5.9	-4.8	50 30	30	30	30	30	30
n-Butanol	0.9 -2.6	-4.9	2.6	3.7	1.2	-0.9	50 30	30	30	30	30	30
Trichloroethene	-11.7 -0.6	0.8	5.6	4.7	1.1	0.0	50 30	30	30	30	30	30
Methylcyclohexane	-15.4 -8.6	6.0	12.6	-0.1	0.4	5.2	50 30	30	30	30	30	30
1,2-Dichloropropane	-16.7 1.3	2.3	4.8	3.7	2.5	2.0	50 30	30	30	30	30	30
t-Amyl ethyl ether	-3.6 -9.4	1.0	7.1	3.7	0.1	1.0	50 30	30	30	30	30	30
1,4-Dioxane	+++++ -6.0	-18.6	-0.6	6.0	18.0	1.2	 30	50	30	30	30	30
Methyl methacrylate	9.5 2.1	-4.7	-0.8	-2.4	0.2	-3.8	50 30	30	30	30	30	30
Dibromomethane	-1.7 -4.2	3.6	4.3	0.9	-1.7	-1.3	50 30	30	30	30	30	30
Bromodichloromethane	-9.8 4.7	-3.1	1.2	1.5	2.6	2.9	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
2-Nitropropane	-6.9 16.5	-6.1	-0.7	-6.4	1.0	2.8	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-6.6 6.8	-4.8	3.7	-1.8	2.1	0.6	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-17.6 12.9	-5.3	-0.3	1.2	5.7	3.5	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	5.3 -2.9	0.9	-3.3	-4.1	2.2	1.8	50 30	30	30	30	30	30
Toluene	-11.4 -0.2	2.2	3.6	2.6	1.3	2.0	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-9.0 5.1	-4.3	0.5	1.3	3.4	3.0	50 30	30	30	30	30	30
Ethyl methacrylate	2.7 -7.3	1.0	4.5	1.5	0.0	-2.3	50 30	30	30	30	30	30
1,1,2-Trichloroethane	-1.9 -1.2	-1.1	3.5	0.6	1.2	-1.1	50 30	30	30	30	30	30
Tetrachloroethene	-9.5 -3.6	4.7	5.0	3.1	-0.3	0.7	50 30	30	30	30	30	30
1,3-Dichloropropane	-5.0 0.6	-2.1	4.2	1.5	1.3	-0.6	50 30	30	30	30	30	30
2-Hexanone	12.6 -9.4	1.9	-1.1	-2.4	0.2	-1.7	50 30	30	30	30	30	30
Dibromochloromethane	-19.6 6.6	-1.2	0.4	2.5	4.3	7.0	50 30	30	30	30	30	30
1,2-Dibromoethane (EDB)	-9.4 -3.3	1.7	5.2	3.1	2.0	0.6	50 30	30	30	30	30	30
Chlorobenzene	-8.3 -4.8	2.7	6.4	2.6	0.9	0.4	50 30	30	30	30	30	30
1-Chlorohexane	-3.8 -9.3	4.2	6.8	3.5	-0.2	-1.1	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-6.1 -11.0	2.8	6.3	7.3	-2.4	3.1	50 30	30	30	30	30	30
Ethylbenzene	0.8 -10.1	3.7	7.0	2.6	-1.8	-2.2	50 30	30	30	30	30	30
m&p-Xylene	-2.9 -10.7	3.1	6.5	4.8	-0.1	-0.6	50 30	30	30	30	30	30
o-Xylene	-3.2 -12.5	4.7	8.3	5.6	-2.9	0.0	50 30	30	30	30	30	30
Styrene	-8.9 -7.1	-0.7	7.4	5.8	2.7	0.8	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.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromoform	-10.1 1.1	-5.5	4.3	2.7	2.4	5.1	50 30	30	30	30	30	30
Isopropylbenzene	-11.2 -10.6	5.7	9.1	7.5	-3.4	2.9	50 30	30	30	30	30	30
Bromobenzene	-9.8 -0.1	-2.5	2.4	3.3	2.6	4.0	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	3.0 -5.3	-2.7	2.0	0.8	-2.7	5.0	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-5.3 -0.1	-4.0	2.1	0.2	1.3	5.9	50 30	30	30	30	30	30
1,2,3-Trichloropropane	7.7 -9.1	2.8	1.1	1.2	-3.3	-0.3	50 30	30	30	30	30	30
N-Propylbenzene	-10.5 -4.6	0.5	4.5	4.1	-0.7	6.7	50 30	30	30	30	30	30
2-Chlorotoluene	-9.8 -3.4	-1.1	5.8	5.0	-0.4	3.8	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-15.2 -0.3	-1.9	4.4	4.8	-0.3	8.4	50 30	30	30	30	30	30
4-Chlorotoluene	-10.4 -4.3	0.2	5.5	4.1	1.2	3.7	50 30	30	30	30	30	30
tert-Butylbenzene	-27.3 10.8	-5.9	1.3	4.0	2.7	14.4	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	-4.1 -3.0	-4.0	4.9	2.6	-1.4	5.0	50 30	30	30	30	30	30
sec-Butylbenzene	-19.8 1.6	-3.5	4.3	4.8	0.3	12.2	50 30	30	30	30	30	30
1,3-Dichlorobenzene	-8.0 -3.6	-0.4	6.1	3.3	0.2	2.3	50 30	30	30	30	30	30
p-Isopropyltoluene	-19.2 -1.3	-1.0	6.1	5.1	-0.9	11.3	50 30	30	30	30	30	30
1,4-Dichlorobenzene	-5.2 -3.9	0.9	4.1	3.8	0.0	0.4	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-9.2 -1.5	-2.8	3.9	4.1	-2.5	8.1	50 30	30	30	30	30	30
Benzyl chloride	-1.9 -3.1	0.2	3.3	2.3	-2.0	1.1	50 30	30	30	30	30	30
1,3-Diethylbenzene	-13.2 -3.8	0.0	6.1	5.8	-2.3	7.5	50 30	30	30	30	30	30
1,4-Diethylbenzene	-13.5 -5.2	1.7	7.1	5.1	-1.2	6.2	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1 Analy Batch No.: 568594

SDG No.:

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

Calibration Start Date: 10/28/2024 16:32 Calibration End Date: 10/28/2024 18:29 Calibration ID: 66972

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
n-Butylbenzene	-17.3 -5.2	1.4	8.7	5.5	-0.7	7.6	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-7.0 -8.4	2.5	6.0	5.9	-0.9	1.9	50 30	30	30	30	30	30
1,2-Diethylbenzene	-17.0 1.6	-4.8	5.2	4.3	-0.3	11.0	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	-0.6 1.4	-8.3	0.3	2.5	-2.3	6.8	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	-7.6 -5.6	3.1	5.4	3.1	-2.7	4.3	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	-3.1 -6.8	0.7	4.9	5.1	-4.5	3.8	50 30	30	30	30	30	30
Hexachlorobutadiene	-13.6 5.8	-4.9	3.0	2.2	-0.5	8.0	50 30	30	30	30	30	30
Naphthalene	3.4 -12.3	2.7	5.5	4.3	-7.1	3.4	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	-0.2 -8.4	0.3	5.5	4.3	-6.6	5.1	50 30	30	30	30	30	30
2-Methylnaphthalene	6.2 -11.6	-3.5	0.9	5.9	-7.0	9.0	50 30	30	30	30	30	30
Dibromofluoromethane (Surr)	5.5 -12.0	4.6	3.7	2.7	-2.4	-2.1	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	3.6 -7.5	2.5	1.7	2.0	0.1	-2.4	50 30	30	30	30	30	30
Toluene-d8 (Surr)	-1.2 2.2	-1.5	-1.0	0.0	0.2	1.3	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	3.3 -5.5	2.8	2.2	0.4	0.4	-3.5	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Lims ID: IC v1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 28-Oct-2024 16:32:33 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v1
Misc. Info.: 410-0129020-004
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:14 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 09:53:19

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.027	1.018	0.009	31	3911	1.00	0.9065	
2 Chloromethane	50	1.121	1.133	-0.012	1	3938	1.00	0.8636	
4 Butadiene	39	1.185	1.191	-0.006	41	5551	1.00	1.15	M
3 Vinyl chloride	62	1.182	1.198	-0.016	72	3662	1.00	0.9786	
5 Bromomethane	94	1.368	1.381	-0.013	83	2953	1.00	1.06	
6 Chloroethane	64	1.371	1.397	-0.026	62	2134	1.00	0.9715	M
8 Pentane	43	1.539	1.555	-0.016	33	4871	1.00	1.06	M
16 Dichlorofluoromethane	67	1.552	1.564	-0.012	96	8130	1.00	1.19	M
7 Trichlorofluoromethane	101	1.593	1.590	0.003	34	4194	1.00	0.7523	
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.764	1.760	0.004	76	4208	1.00	1.12	M
9 Acrolein	56	1.783	1.786	-0.003	95	9216	10.0	9.29	
10 1,1-Dichloroethene	96	1.863	1.870	-0.007	25	2639	1.00	0.9740	
11 Acetone	58	1.863	1.889	-0.026	62	510	2.00	0.7970	M
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.902	1.895	0.007	1	1957	1.00	0.6495	M
13 Iodomethane	142	1.970	1.973	-0.003	96	5373	1.00	0.9256	
15 Isopropyl alcohol	45	2.021	2.031	-0.009	25	3311	5.00	5.90	M
14 Carbon disulfide	76	2.031	2.053	-0.022	20	8563	1.00	1.03	M
18 Methyl acetate	43	2.101	2.104	-0.003	49	4863	1.00	1.30	M
17 3-Chloro-1-propene	41	2.095	2.108	-0.013	85	6163	1.00	1.34	
19 Methylene Chloride	84	2.207	2.227	-0.020	45	3162	1.00	1.04	
* 20 t-Butyl alcohol-d10 (IS)	65	2.333	2.294	0.039	94	378903	250.0	250.0	
21 2-Methyl-2-propanol	59	2.397	2.358	0.039	49	7207	5.00	4.86	
23 Acrylonitrile	53	2.394	2.397	-0.003	67	4998	2.50	2.61	M
24 trans-1,2-Dichloroethene	96	2.400	2.416	-0.016	92	2748	1.00	0.9294	
25 Methyl tert-butyl ether	73	2.388	2.420	-0.032	83	9298	1.00	1.05	
26 Hexane	57	2.622	2.632	-0.010	64	3827	1.00	1.06	M
27 1,1-Dichloroethane	63	2.751	2.754	-0.003	91	4577	1.00	0.9216	M
28 Isopropyl ether	45	2.780	2.802	-0.022	65	7870	1.00	1.00	M
29 2-Chloro-1,3-butadiene	53	2.802	2.809	-0.007	89	4088	1.00	0.8977	
30 Tert-butyl ethyl ether	59	3.085	3.082	0.003	94	8628	1.00	0.99	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.166	3.162	0.004	43	6694	2.00	2.47	M
31 cis-1,2-Dichloroethene	96	3.201	3.204	-0.003	73	3469	1.00	1.03	
33 2,2-Dichloropropane	77	3.223	3.227	-0.004	45	4564	1.00	0.9387	M
34 Propionitrile	54	3.275	3.262	0.013	60	4644	5.00	4.80	M
35 Methacrylonitrile	67	3.371	3.375	-0.003	91	4211	2.50	2.52	M
36 Chlorobromomethane	128	3.375	3.391	-0.016	84	1629	1.00	0.9548	
37 Tetrahydrofuran	71	3.362	3.407	-0.045	84	5094	5.00	5.12	M
39 Chloroform	83	3.478	3.484	-0.006	90	5455	1.00	1.03	
40 1,1,1-Trichloroethane	97	3.590	3.606	-0.016	35	4727	1.00	0.9518	
$ 41 Dibromofluoromethane (Surr)	113	3.603	3.609	-0.006	93	168554	50.0	52.7	
42 Cyclohexane	56	3.661	3.661	0.000	61	4873	1.00	0.9696	
43 Carbon tetrachloride	117	3.709	3.725	-0.016	84	3738	1.00	0.8591	
44 1,1-Dichloropropene	75	3.722	3.728	-0.006	81	3083	1.00	0.8051	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.867	3.873	-0.006	64	38420	50.0	51.8	
45 Isobutyl alcohol	41	3.854	3.876	-0.022	34	6046	12.5	16.1	M
47 Benzene	78	3.883	3.883	0.000	96	8344	1.00	0.8049	
48 1,2-Dichloroethane	62	3.931	3.934	-0.003	92	4594	1.00	1.16	
49 Tert-amyl methyl ether	73	4.005	4.008	-0.003	94	8363	1.00	0.9844	
* 50 Fluorobenzene (IS)	96	4.130	4.133	-0.003	99	530890	50.0	50.0	
51 n-Heptane	43	4.153	4.149	0.004	22	1960	1.00	1.04	M
52 n-Butanol	56	4.387	4.381	0.006	60	3969	12.5	12.6	
53 Trichloroethene	95	4.416	4.429	-0.013	93	2438	1.00	0.8829	
54 Methylcyclohexane	83	4.613	4.616	-0.004	89	4386	1.00	0.8462	
55 1,2-Dichloropropane	63	4.638	4.641	-0.003	55	1914	1.00	0.8328	M
56 2-ethoxy-2-methyl butane	87	4.654	4.661	-0.007	87	4383	1.00	0.9644	
58 1,4-Dioxane	88		4.680				ND	ND	
59 Methyl methacrylate	69	4.703	4.699	0.004	92	2330	1.00	1.09	
57 Dibromomethane	93	4.703	4.712	-0.009	61	1731	1.00	0.9833	
60 Dichlorobromomethane	83	4.867	4.870	-0.004	1	2865	1.00	0.9024	
61 2-Nitropropane	41	5.037	5.040	-0.003	99	7511	5.00	4.65	
62 2-Chloroethyl vinyl ether	63	5.104	5.111	-0.007	83	1369	1.00	0.9341	
63 cis-1,3-Dichloropropene	75	5.227	5.233	-0.006	91	2797	1.00	0.8238	
64 4-Methyl-2-pentanone (MIBK)	43	5.375	5.384	-0.009	96	9120	2.00	2.11	
$ 65 Toluene-d8 (Surr)	98	5.445	5.452	-0.007	93	457216	50.0	49.4	
66 Toluene	92	5.503	5.509	-0.006	95	5015	1.00	0.8858	
67 trans-1,3-Dichloropropene	75	5.712	5.709	0.003	94	2708	1.00	0.9101	
68 Ethyl methacrylate	69	5.776	5.776	0.000	86	3496	1.00	1.03	
69 1,1,2-Trichloroethane	97	5.857	5.857	0.000	86	1896	1.00	0.9814	
70 Tetrachloroethene	166	5.902	5.905	-0.003	92	2557	1.00	0.9049	
71 1,3-Dichloropropane	76	5.966	5.969	-0.003	89	2937	1.00	0.9503	
73 2-Hexanone	43	6.030	6.027	0.003	95	6917	2.00	2.25	
74 Chlorodibromomethane	129	6.124	6.120	0.004	85	1831	1.00	0.8038	
S 72 1,2-Dichloroethene, Total	100				0			1.96	
75 Ethylene Dibromide	107	6.191	6.191	0.000	98	1930	1.00	0.9061	
* 76 Chlorobenzene-d5 (IS)	117	6.510	6.509	0.001	85	342215	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	93	5795	1.00	0.9174	
78 1-Chlorohexane	91	6.532	6.538	-0.006	90	2951	1.00	0.9616	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	90	2650	1.00	0.9392	
80 Ethylbenzene	91	6.603	6.603	0.000	99	11814	1.00	1.01	
81 m-Xylene & p-Xylene	106	6.686	6.689	-0.003	99	8993	2.00	1.94	
82 o-Xylene	106	6.924	6.924	0.000	94	4812	1.00	0.9679	
83 Styrene	104	6.937	6.937	0.000	93	6267	1.00	0.9110	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.040	7.040	0.000	89	1551	1.00	0.8990	
85 Isopropylbenzene	105	7.149	7.149	0.000	95	10826	1.00	0.8884	
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	92	183475	50.0	51.7	
87 Bromobenzene	156	7.323	7.320	0.003	86	2715	1.00	0.9025	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	95	4067	1.00	1.03	
89 trans-1,4-Dichloro-2-butene	53	7.355	7.355	0.000	89	2456	2.50	2.37	
90 1,2,3-Trichloropropane	110	7.362	7.361	0.001	83	1476	1.00	1.08	
91 N-Propylbenzene	91	7.387	7.390	-0.003	98	13384	1.00	0.8948	
92 2-Chlorotoluene	126	7.432	7.435	-0.003	97	2916	1.00	0.9025	
93 1,3,5-Trimethylbenzene	105	7.497	7.497	0.000	94	9901	1.00	0.8485	
94 4-Chlorotoluene	126	7.503	7.506	-0.003	98	2649	1.00	0.8956	
95 tert-Butylbenzene	134	7.667	7.667	0.000	93	1707	1.00	0.7266	
96 1,2,4-Trimethylbenzene	105	7.699	7.702	-0.003	97	11286	1.00	0.9585	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	11249	1.00	0.8023	
98 1,3-Dichlorobenzene	146	7.847	7.850	-0.003	98	5338	1.00	0.9202	
99 4-Isopropyltoluene	119	7.873	7.876	-0.003	94	10073	1.00	0.8078	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	95	221801	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	94	5545	1.00	0.9482	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	98	10995	1.00	0.9078	
103 Benzyl chloride	91	7.966	7.966	0.000	97	8152	1.00	0.9808	
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	95	6037	1.00	0.8678	
105 p-Diethylbenzene	119	8.075	8.079	-0.003	95	6203	1.00	0.8645	
106 n-Butylbenzene	92	8.091	8.091	0.000	97	4455	1.00	0.8265	
107 1,2-Dichlorobenzene	146	8.095	8.095	0.000	97	5570	1.00	0.9296	
108 o-diethylbenzene	119	8.130	8.127	0.003	95	4871	1.00	0.8301	
109 1,2-Dibromo-3-Chloropropane	75	8.500	8.503	-0.003	87	1522	1.00	0.99	
110 1,3,5-Trichlorobenzene	180	8.596	8.599	-0.003	97	4018	1.00	0.9245	
111 1,2,4-Trichlorobenzene	180	8.915	8.914	0.001	91	4272	1.00	0.9687	
112 Hexachlorobutadiene	225	8.989	8.988	0.001	88	1324	1.00	0.8635	
113 Naphthalene	128	9.046	9.046	0.000	97	19212	1.00	1.03	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	95	4559	1.00	1.00	
115 2-Methylnaphthalene	142	9.603	9.599	0.004	93	10709	1.00	1.06	
S 137 1,3-Dichloropropene, Total	100				0			1.73	
S 138 Xylenes, Total	106				0			2.91	
S 139 Total Diethylbenzene	1				0			2.56	

QC Flag Legend

Processing Flags

ND - Not Detected or Marked ND

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppb_00006	Amount Added: 25.00	Units: mL	
MSV_Cent_ISSS_00032	Amount Added: 5.00	Units: uL	Run Reagent

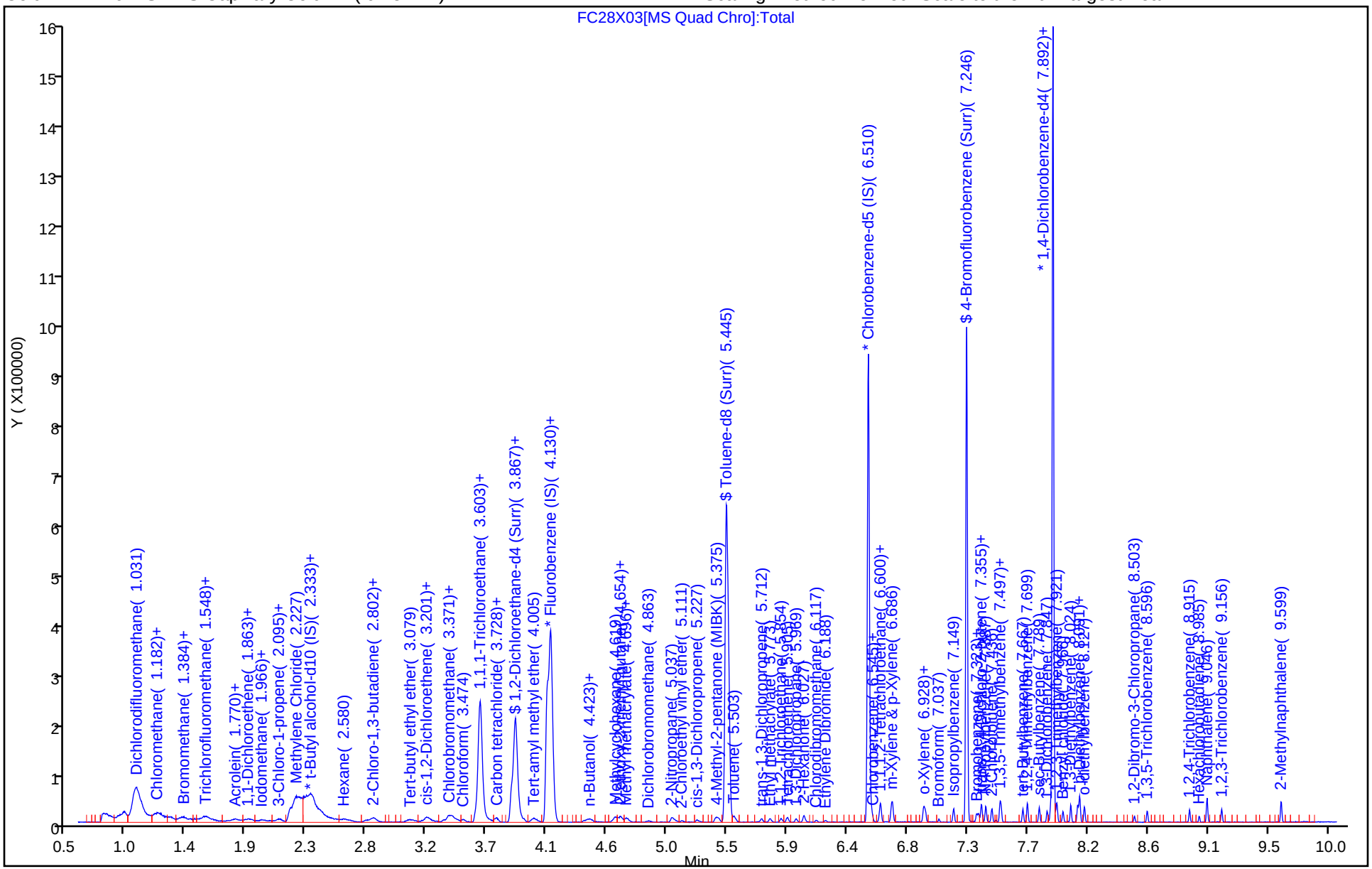
Report Date: 30-Oct-2024 14:31:15 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D

Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	IC v1			Worklist Smp#:	4
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

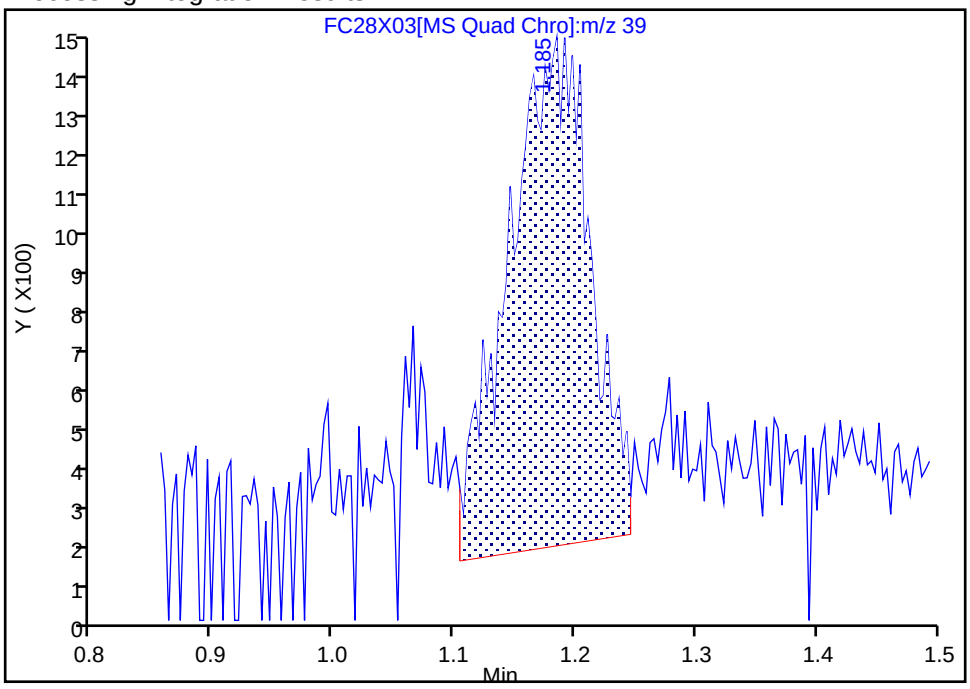
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

4 Butadiene, CAS: 106-99-0

Signal: 1

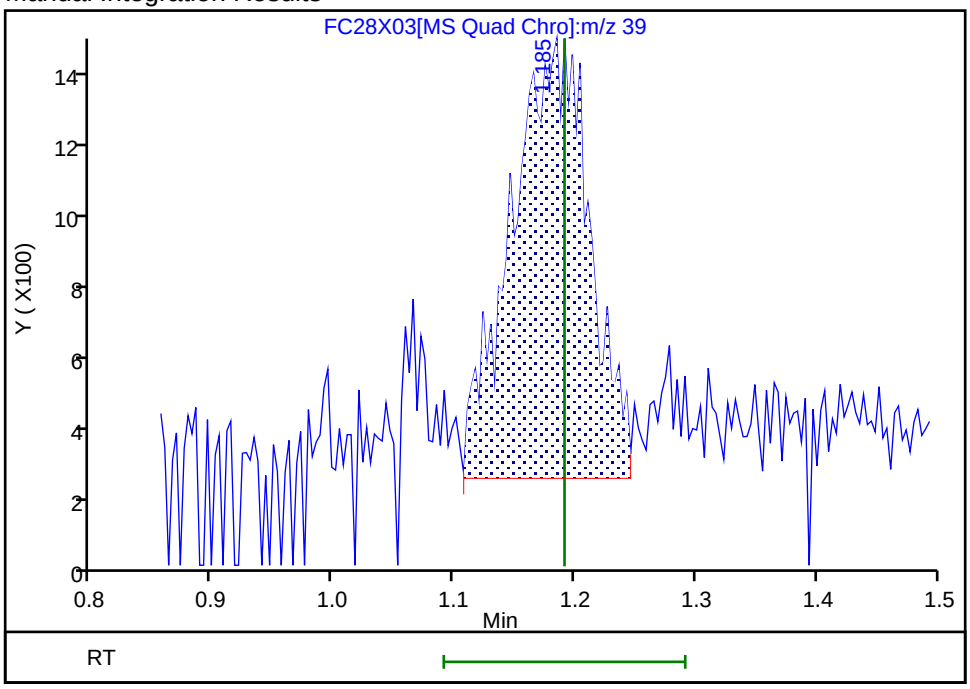
Processing Integration Results

RT: 1.18
Area: 6060
Amount: 1.241588
Amount Units: ug/l



Manual Integration Results

RT: 1.18
Area: 5551
Amount: 1.154502
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:15:48 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

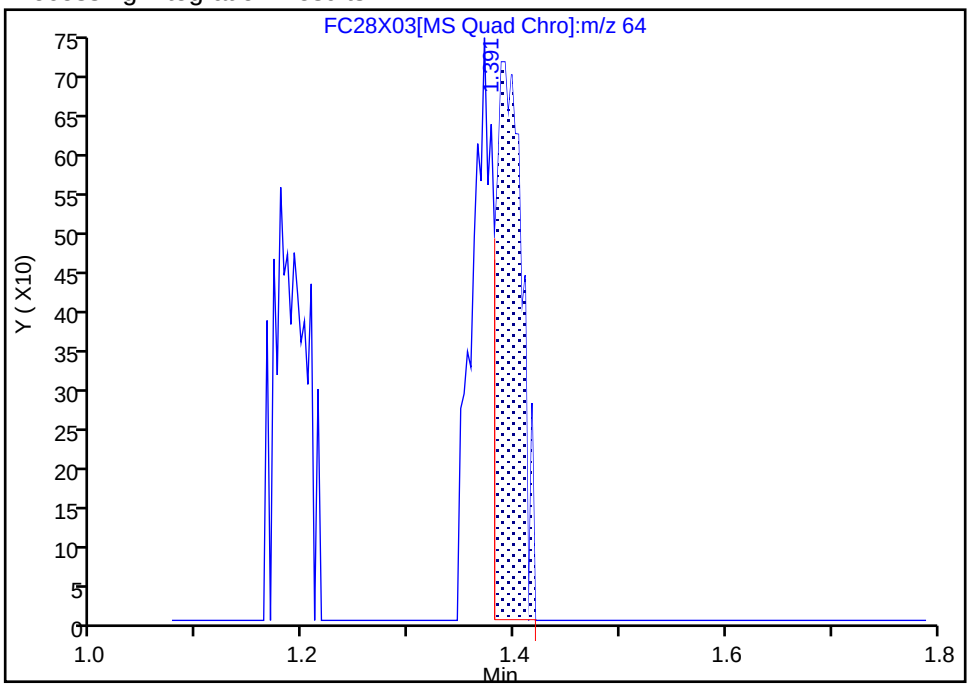
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

6 Chloroethane, CAS: 75-00-3

Signal: 1

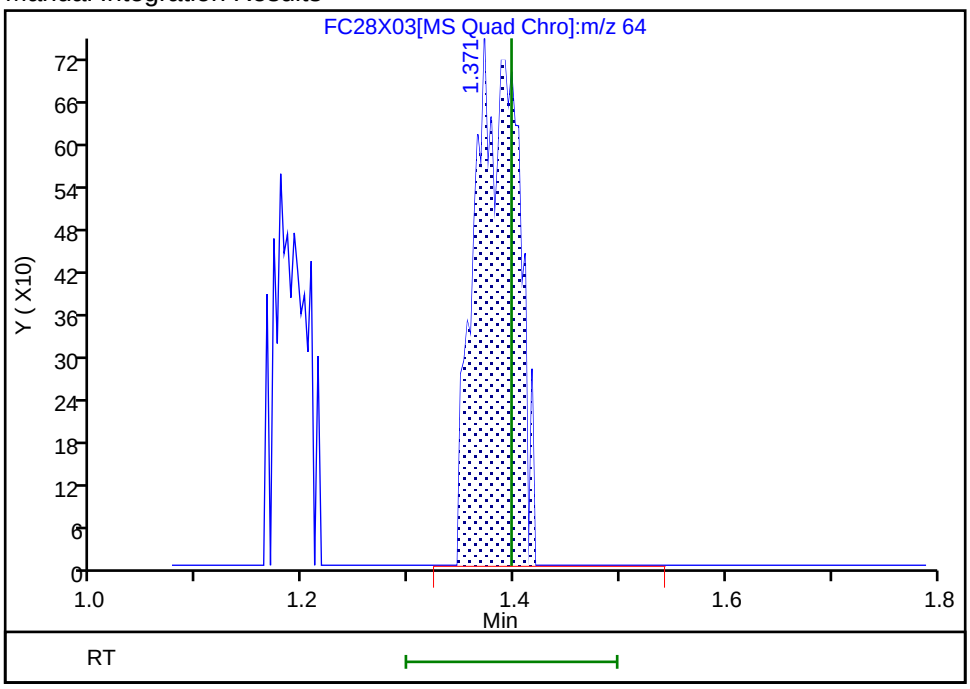
Processing Integration Results

RT: 1.39
Area: 1199
Amount: 0.581184
Amount Units: ug/l



Manual Integration Results

RT: 1.37
Area: 2134
Amount: 0.971501
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:48:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

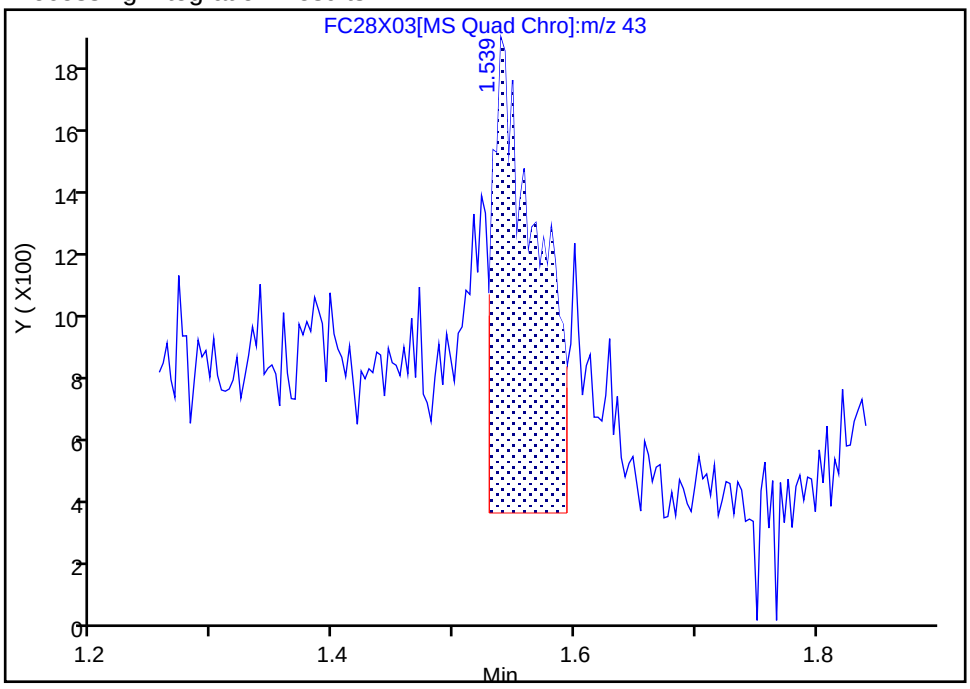
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

8 Pentane, CAS: 109-66-0

Signal: 1

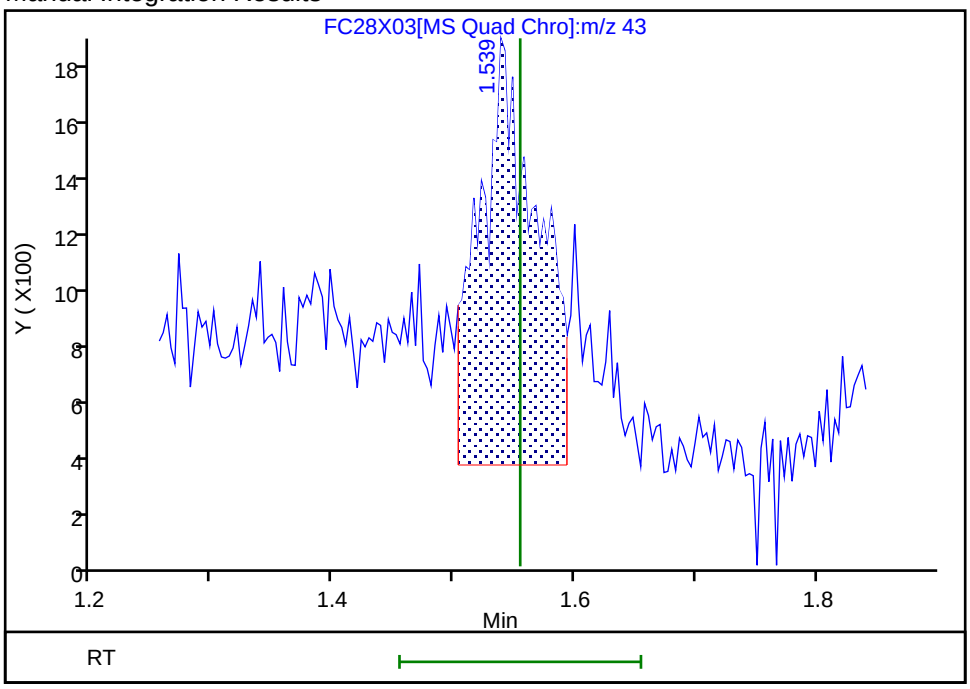
Processing Integration Results

RT: 1.54
Area: 3772
Amount: 0.851337
Amount Units: ug/l



Manual Integration Results

RT: 1.54
Area: 4871
Amount: 1.061757
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 13:58:10 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Other

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

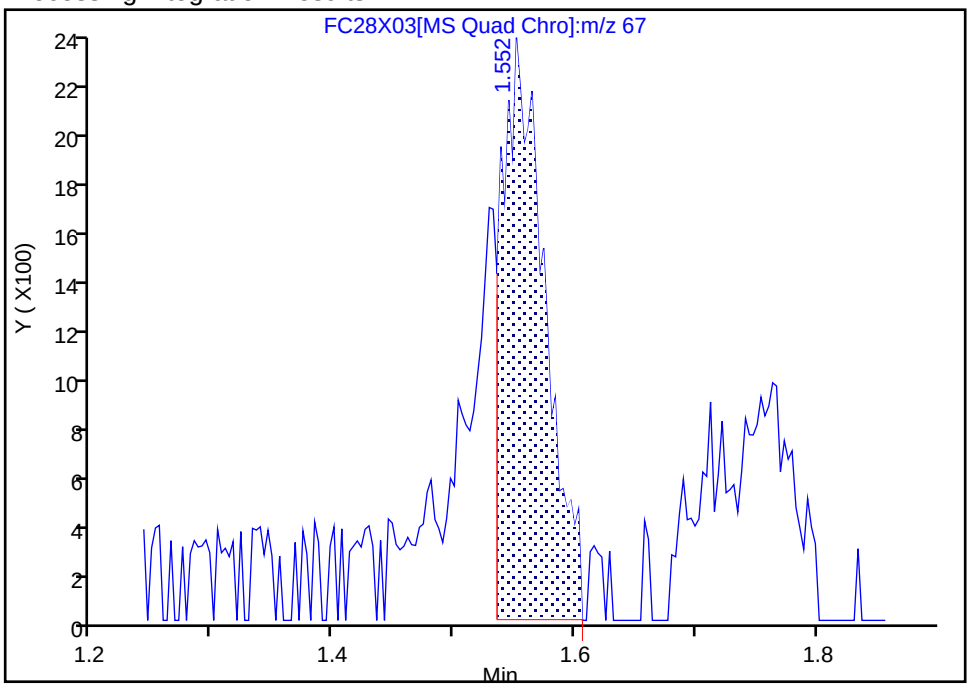
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

16 Dichlorofluoromethane, CAS: 75-43-4

Signal: 1

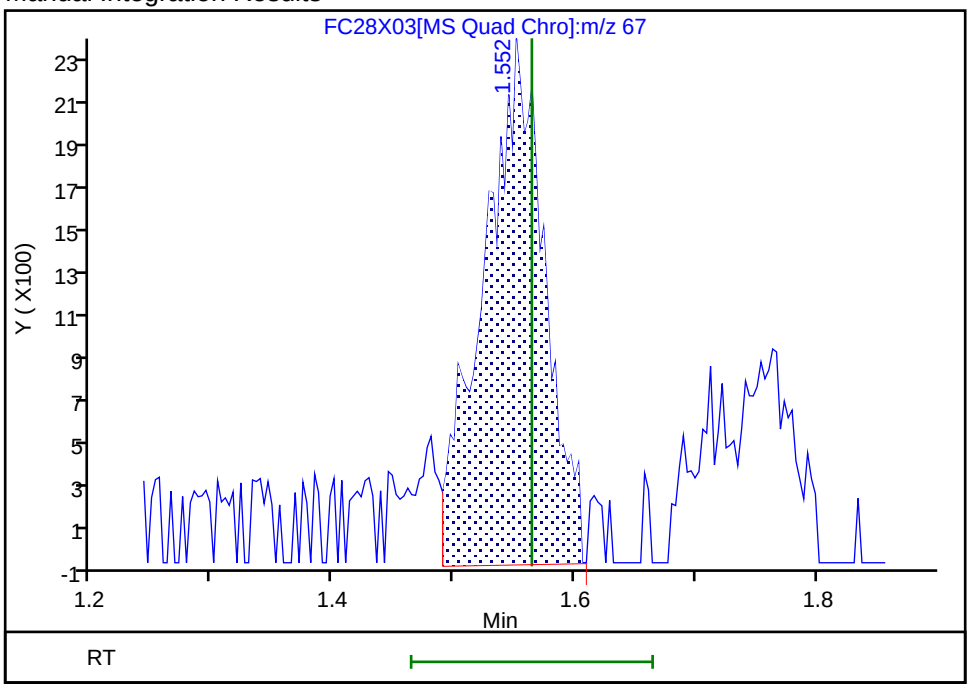
Processing Integration Results

RT: 1.55
Area: 5653
Amount: 0.869215
Amount Units: ug/l



Manual Integration Results

RT: 1.55
Area: 8130
Amount: 1.185576
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:48:32 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

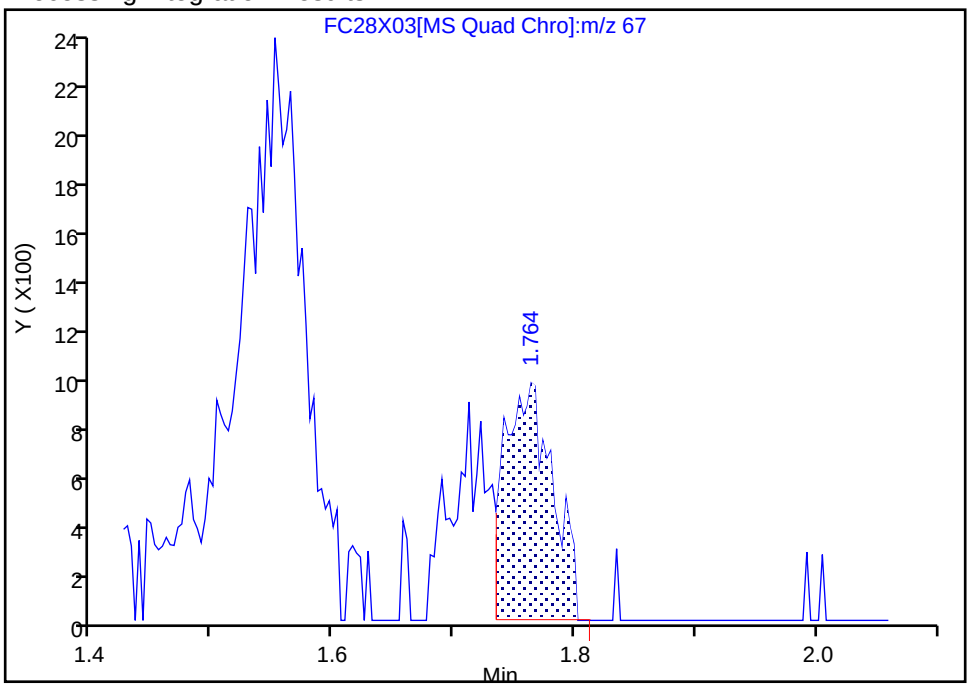
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

22 1,2-Dichloro-1,1,2-trifluoroetha, CAS: 354-23-4

Signal: 1

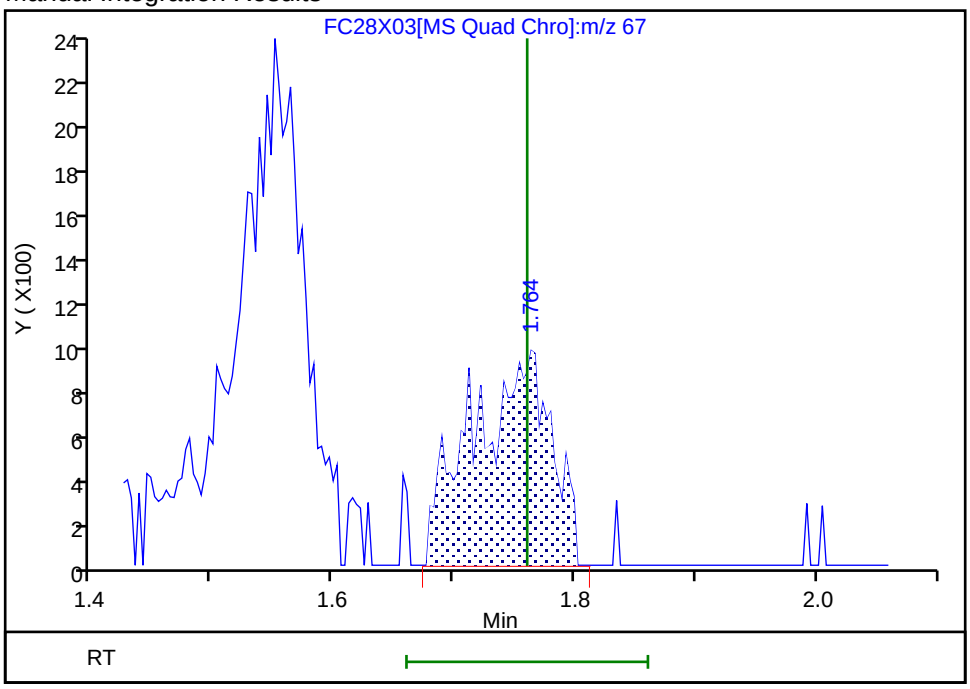
Processing Integration Results

RT: 1.76
Area: 2575
Amount: 0.733713
Amount Units: ug/l



Manual Integration Results

RT: 1.76
Area: 4208
Amount: 1.124282
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:48:42 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

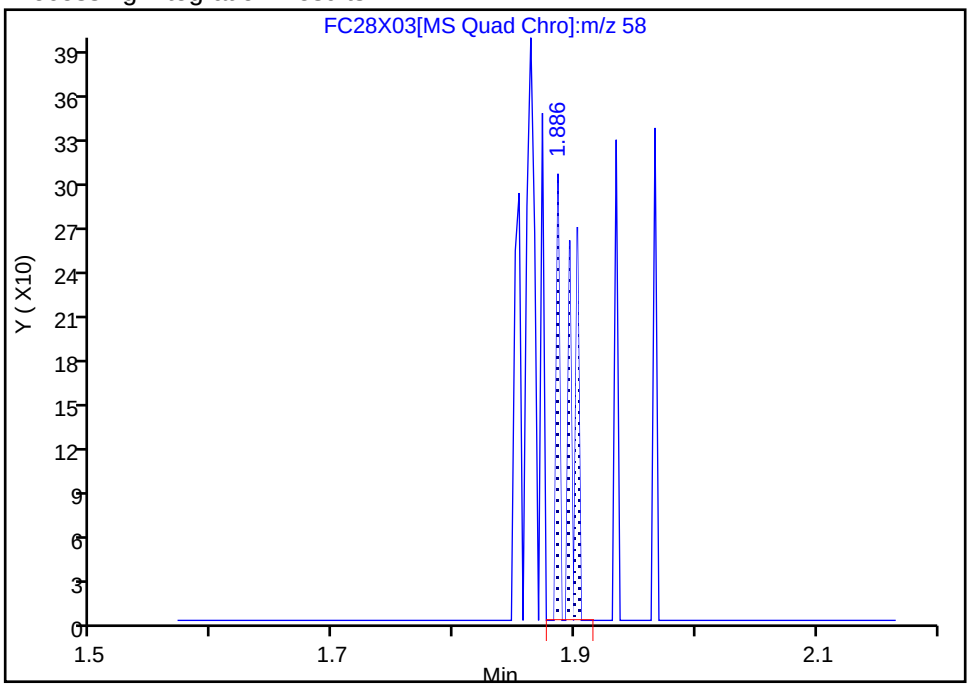
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

11 Acetone, CAS: 67-64-1

Signal: 1

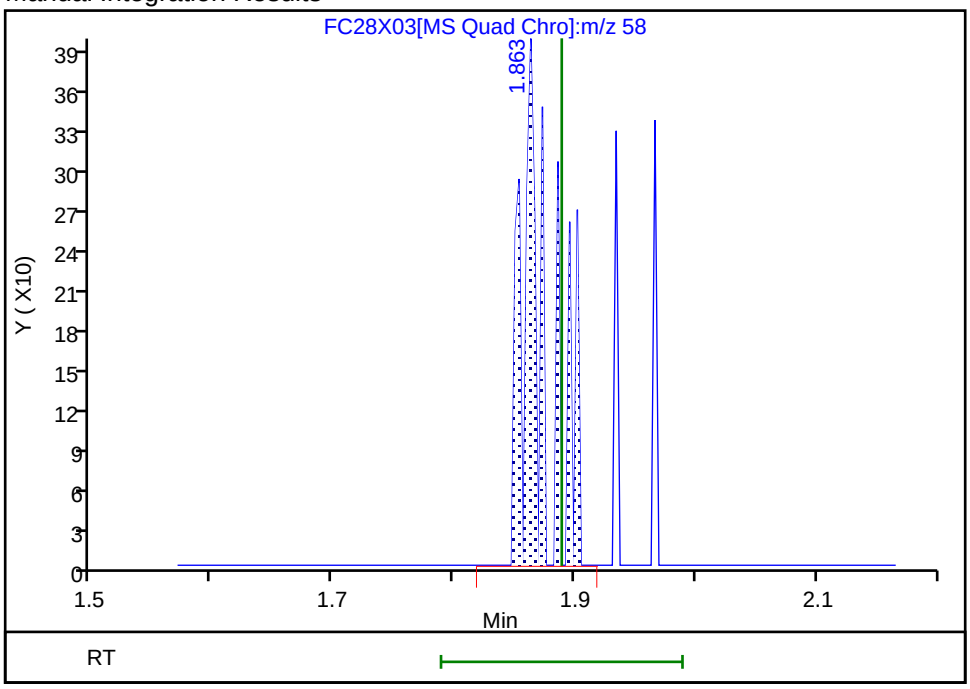
Processing Integration Results

RT: 1.89
Area: 159
Amount: 1.349483
Amount Units: ug/l



Manual Integration Results

RT: 1.86
Area: 510
Amount: 0.796996
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:48:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

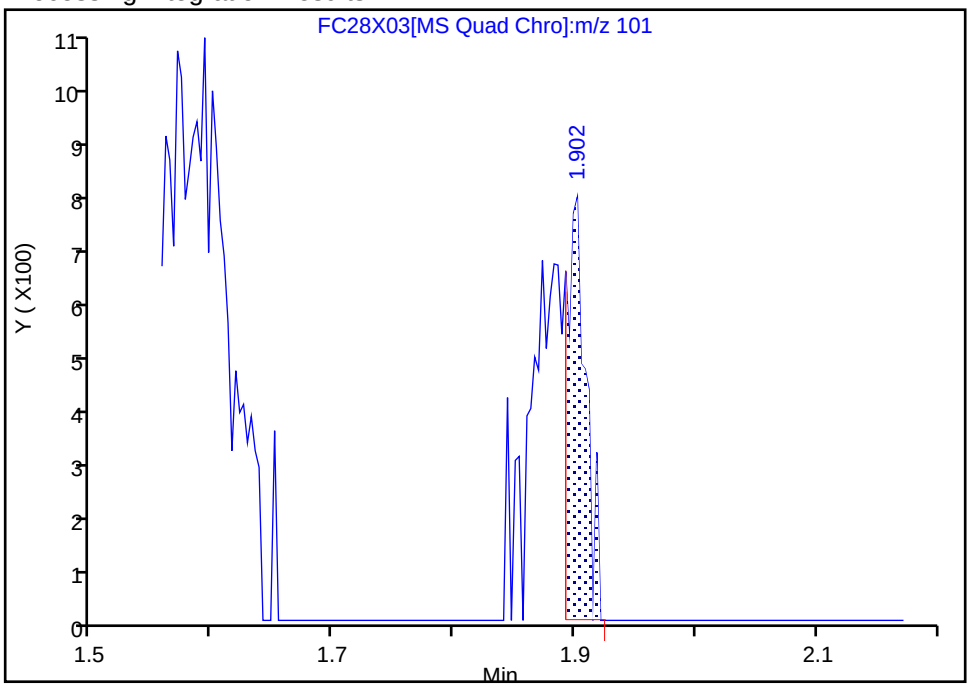
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

12 1,1,2-Trichloro-1,2,2-trifluoroe, CAS: 76-13-1

Signal: 1

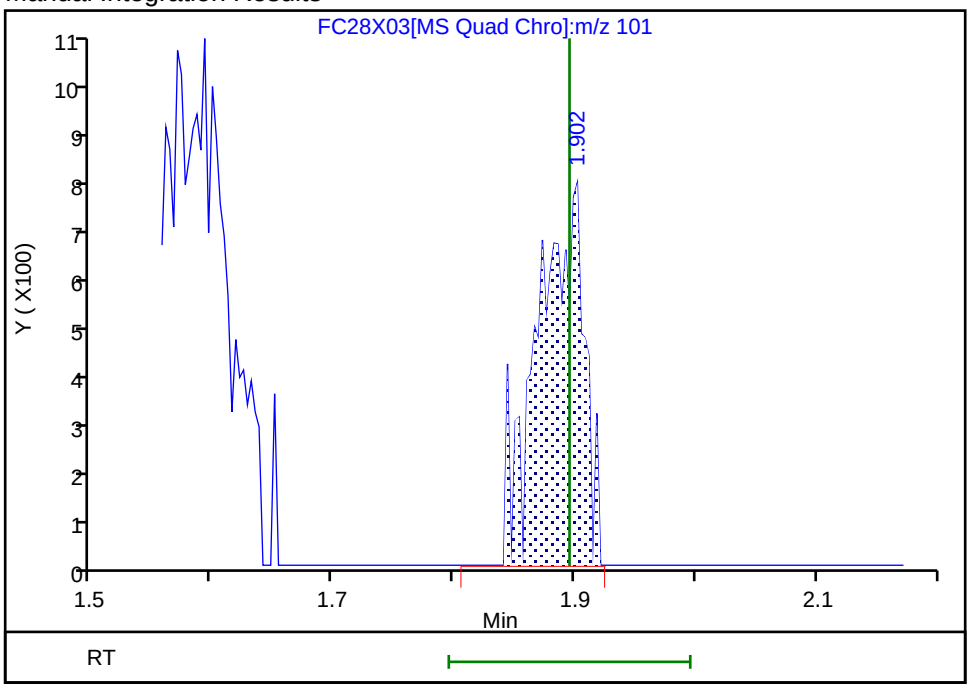
Processing Integration Results

RT: 1.90
Area: 798
Amount: 0.891103
Amount Units: ug/l



Manual Integration Results

RT: 1.90
Area: 1957
Amount: 0.649454
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:48:55 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

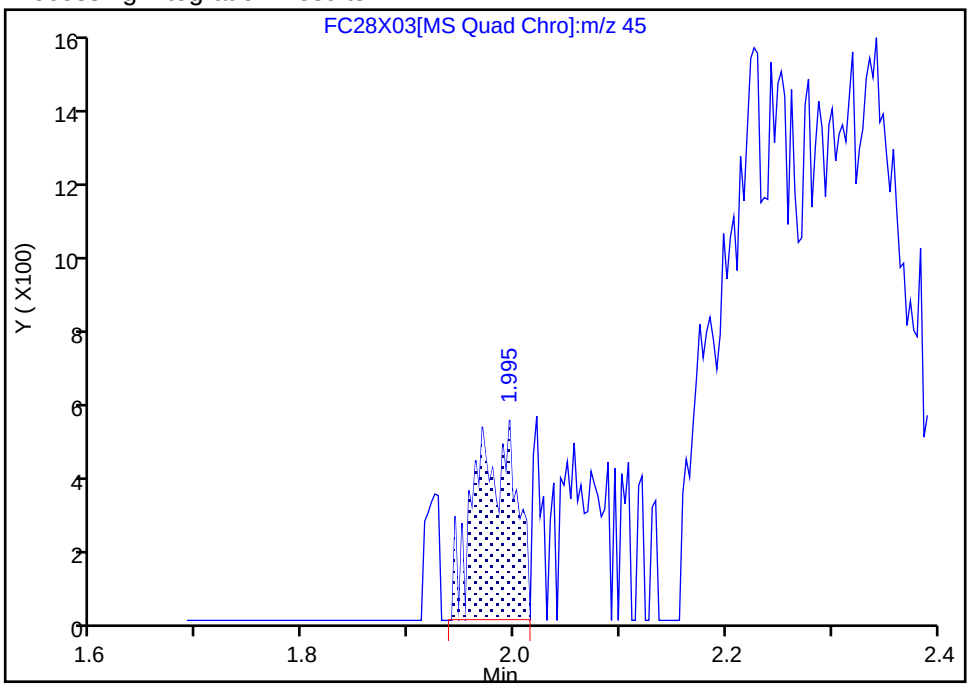
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

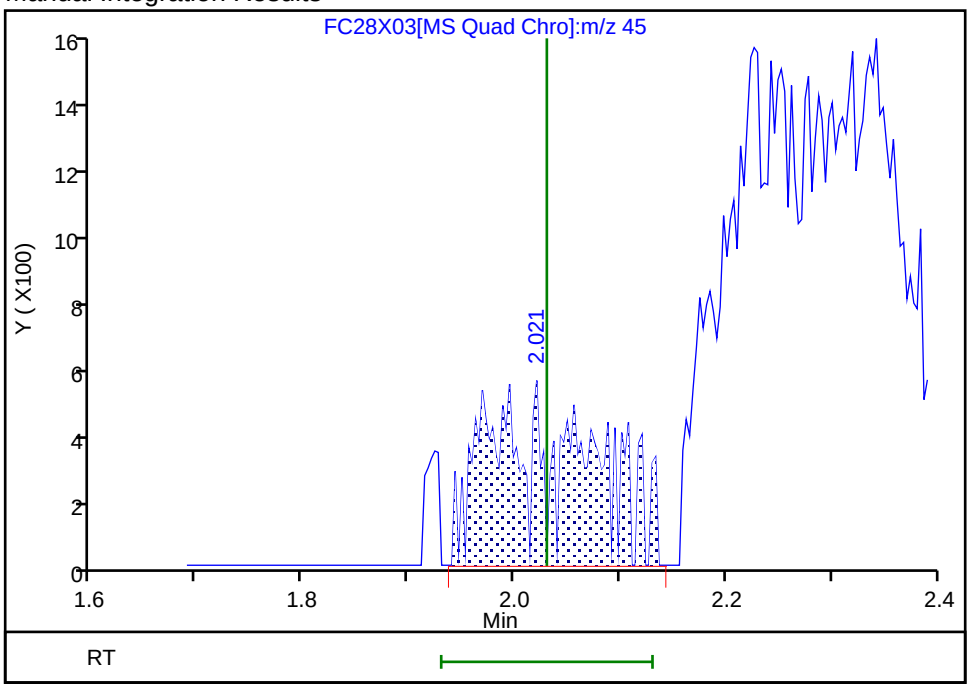
Processing Integration Results

RT: 2.00
Area: 1348
Amount: 3.086097
Amount Units: ug/l



Manual Integration Results

RT: 2.02
Area: 3311
Amount: 5.897245
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:02 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

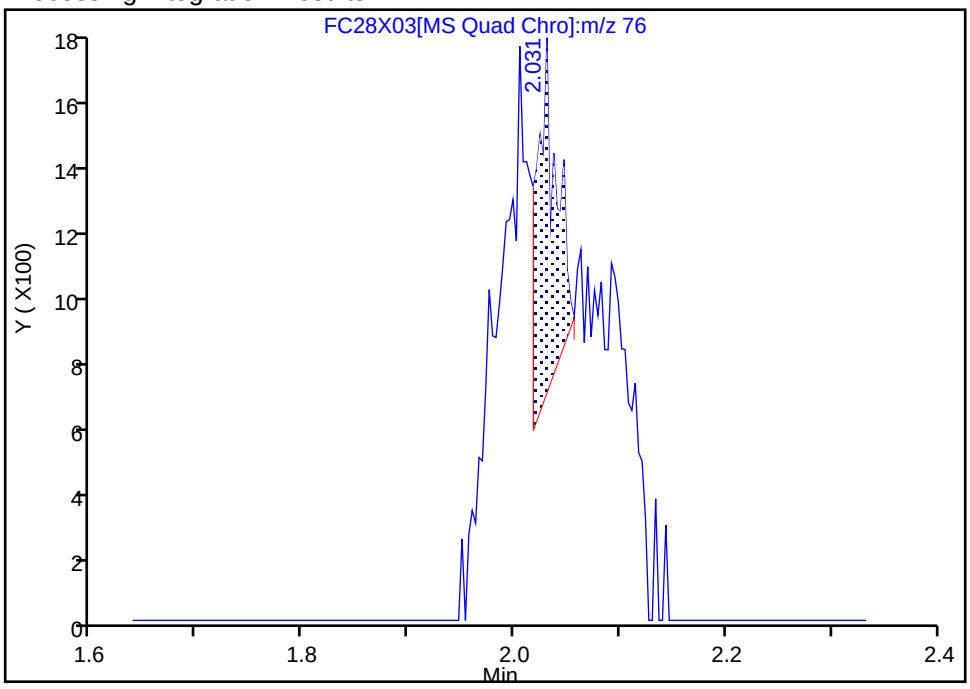
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

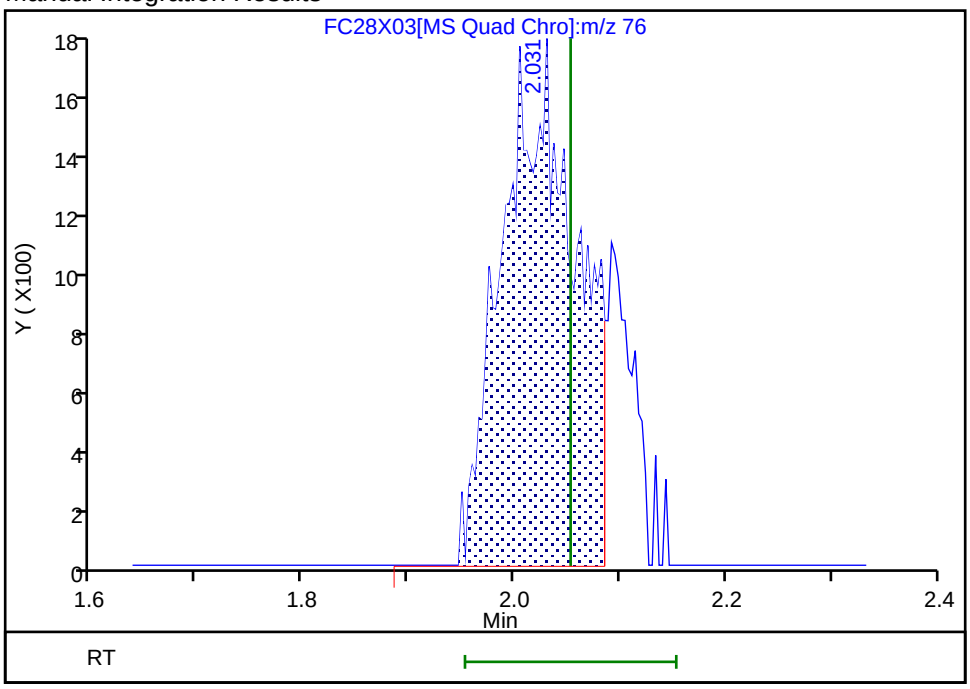
Processing Integration Results

RT: 2.03
Area: 1376
Amount: 0.189214
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 8563
Amount: 1.031824
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:09 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

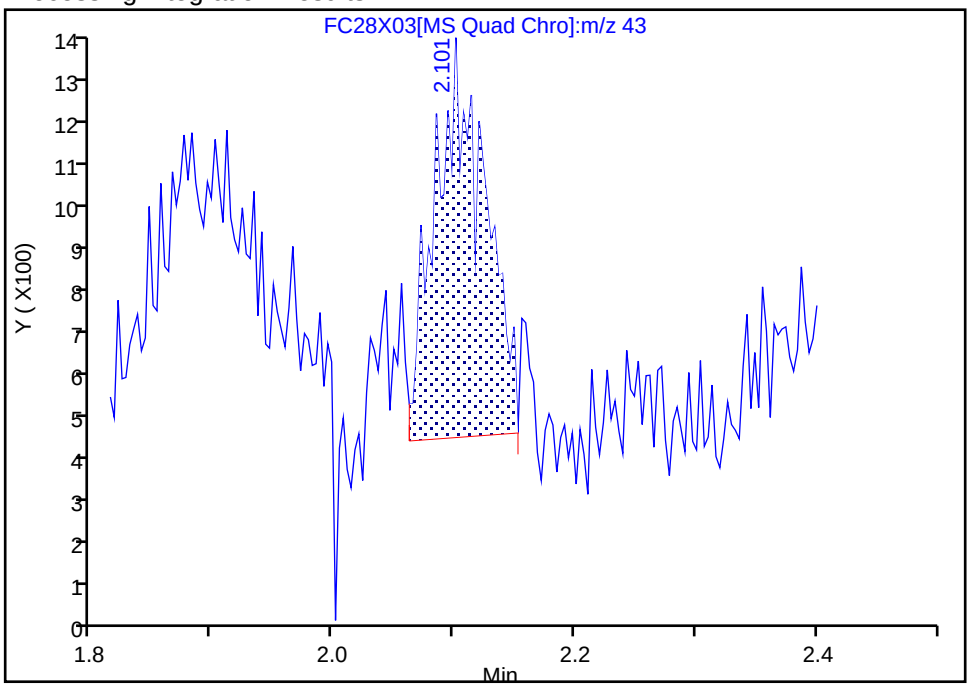
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

18 Methyl acetate, CAS: 79-20-9

Signal: 1

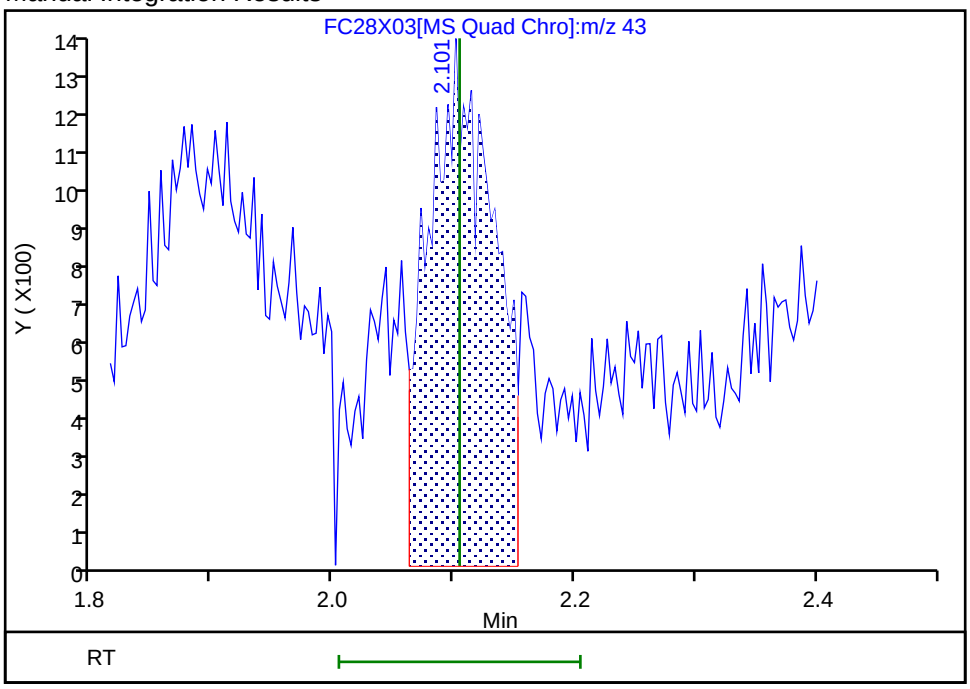
Processing Integration Results

RT: 2.10
Area: 2547
Amount: 0.743848
Amount Units: ug/l



Manual Integration Results

RT: 2.10
Area: 4863
Amount: 1.295092
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:20 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

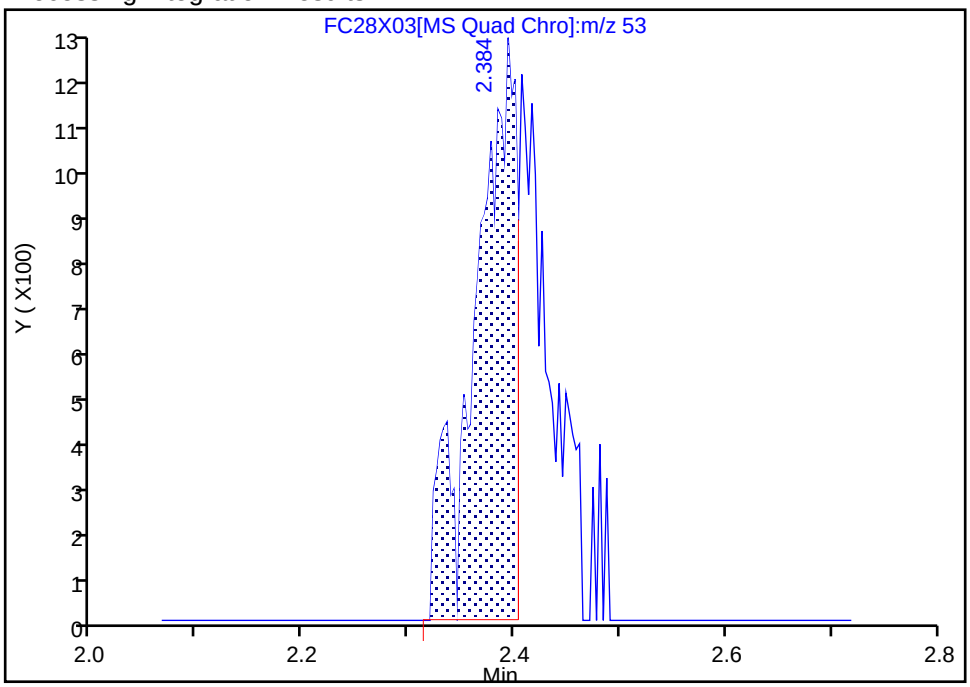
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

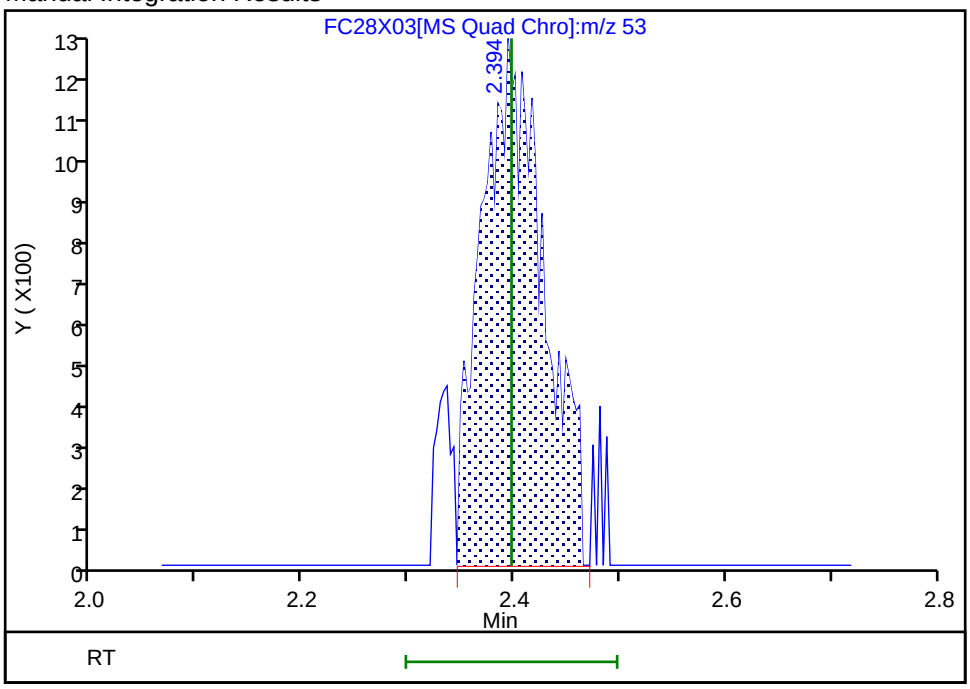
Processing Integration Results

RT: 2.38
Area: 3296
Amount: 1.736406
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 4998
Amount: 2.612139
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 13:59:06 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

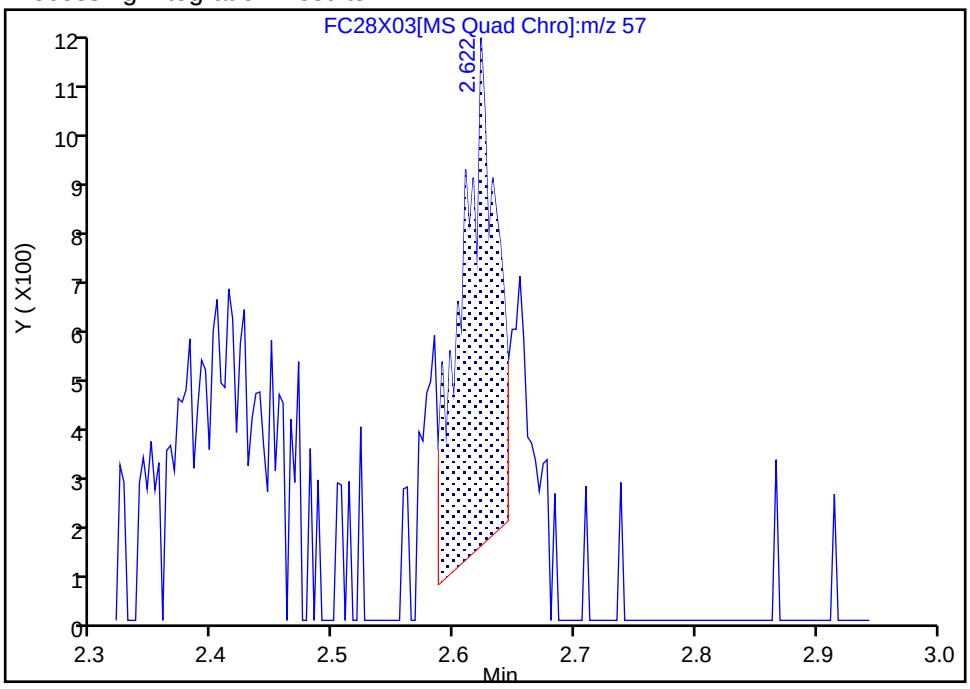
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

26 Hexane, CAS: 110-54-3

Signal: 1

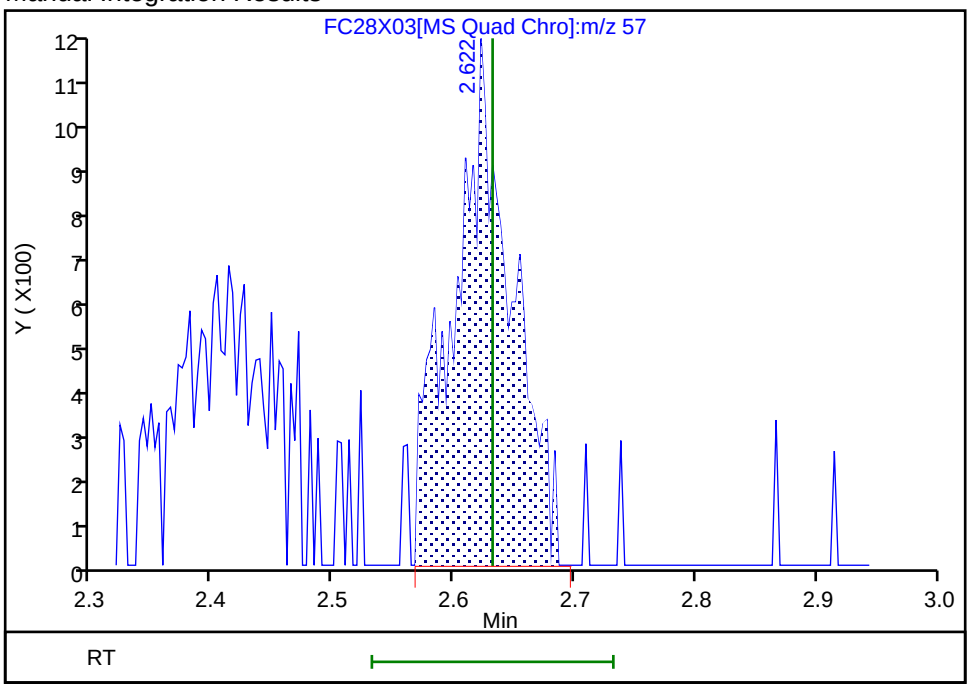
Processing Integration Results

RT: 2.62
Area: 2026
Amount: 0.605120
Amount Units: ug/l



Manual Integration Results

RT: 2.62
Area: 3827
Amount: 1.061468
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:36 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

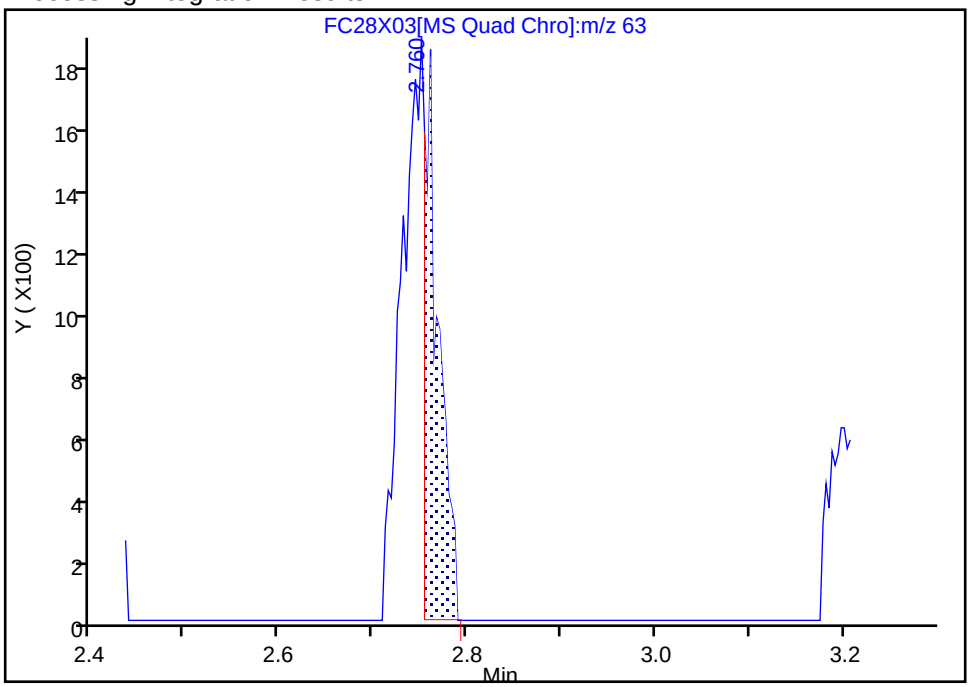
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

27 1,1-Dichloroethane, CAS: 75-34-3

Signal: 1

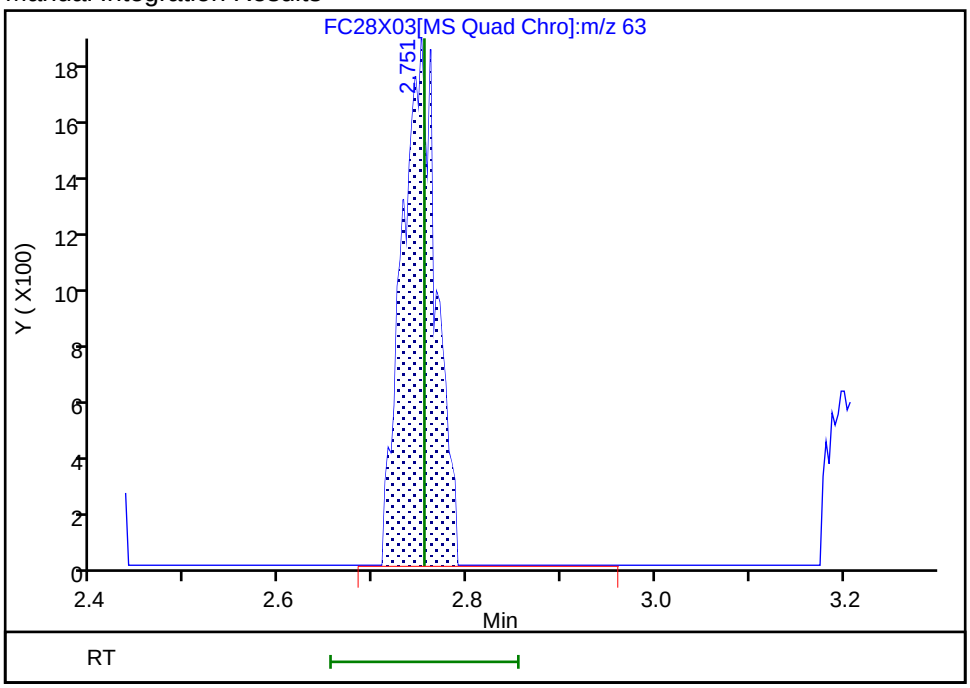
Processing Integration Results

RT: 2.76
Area: 1870
Amount: 0.408315
Amount Units: ug/l



Manual Integration Results

RT: 2.75
Area: 4577
Amount: 0.921573
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:43 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

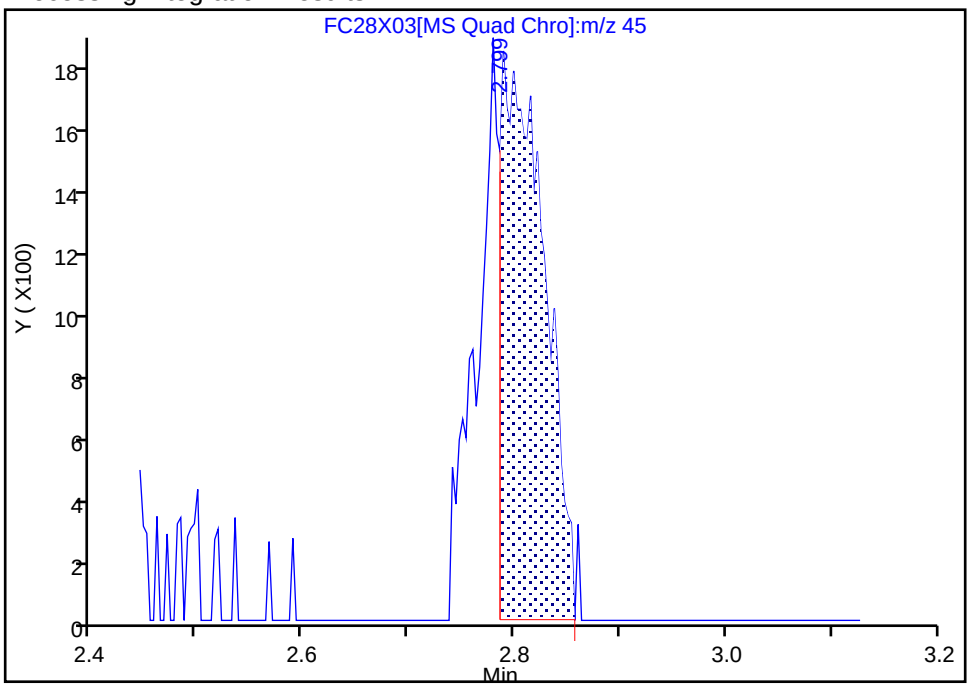
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

28 Isopropyl ether, CAS: 108-20-3

Signal: 1

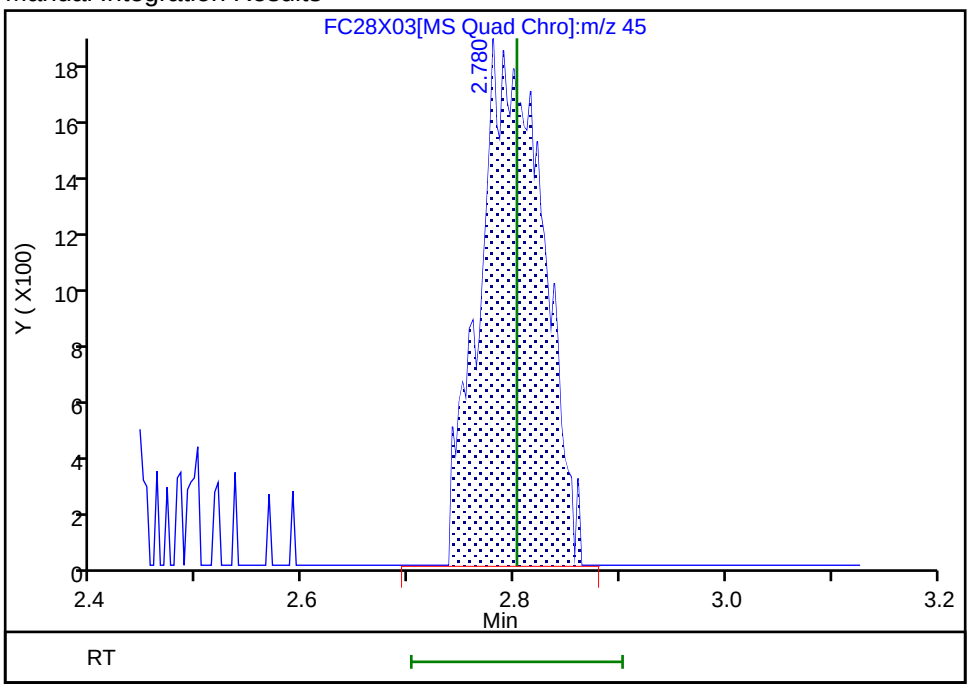
Processing Integration Results

RT: 2.80
Area: 5244
Amount: 0.701573
Amount Units: ug/l



Manual Integration Results

RT: 2.78
Area: 7870
Amount: 1.002577
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

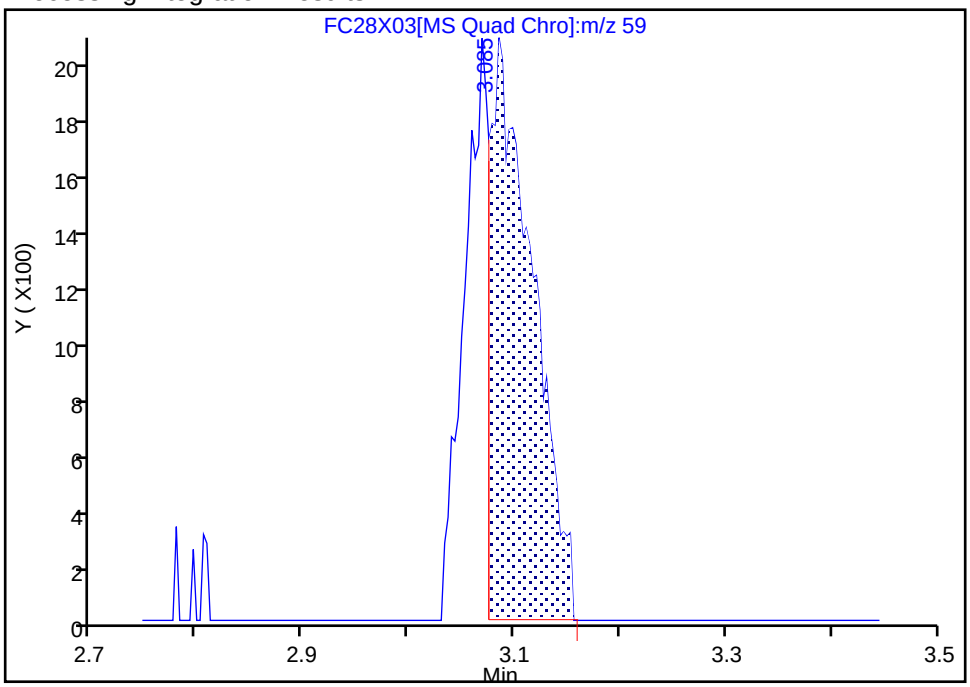
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

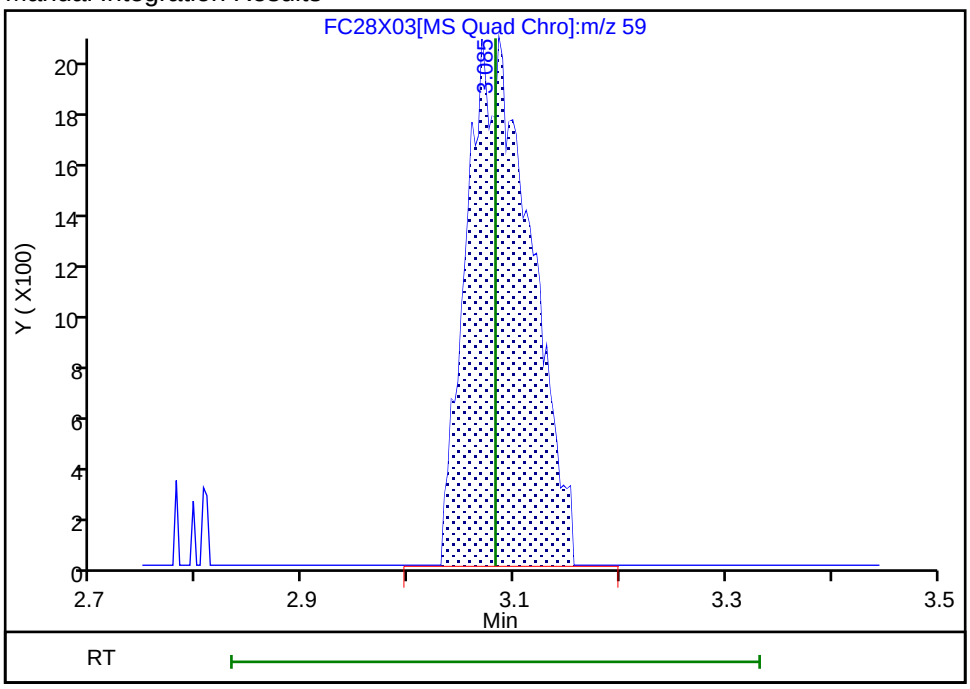
Processing Integration Results

RT: 3.09
Area: 5706
Amount: 0.688263
Amount Units: ug/l



Manual Integration Results

RT: 3.09
Area: 8628
Amount: 0.990828
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:49:51 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

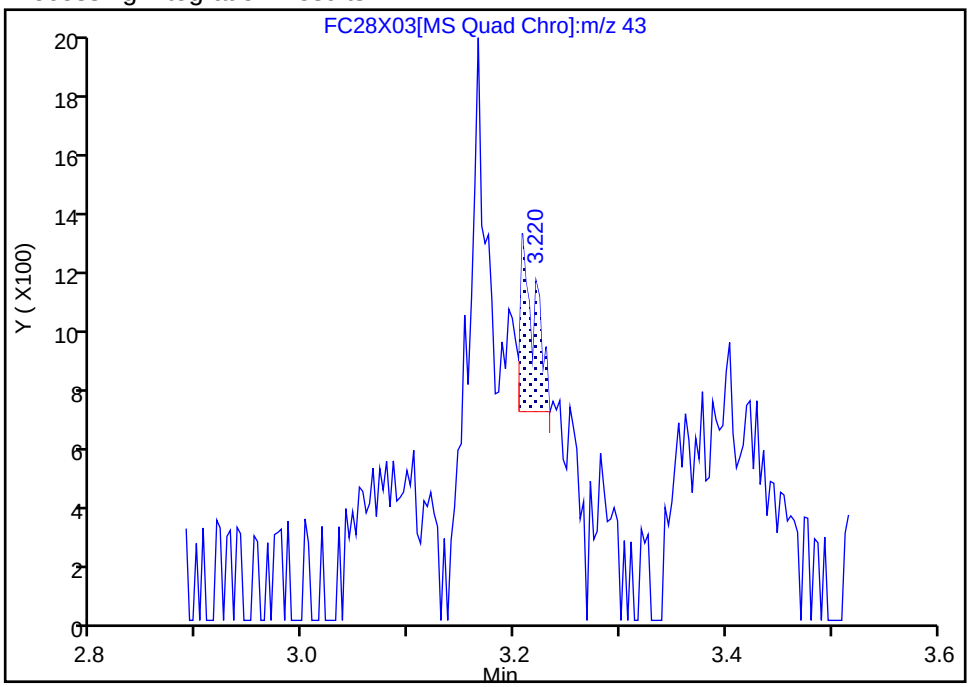
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

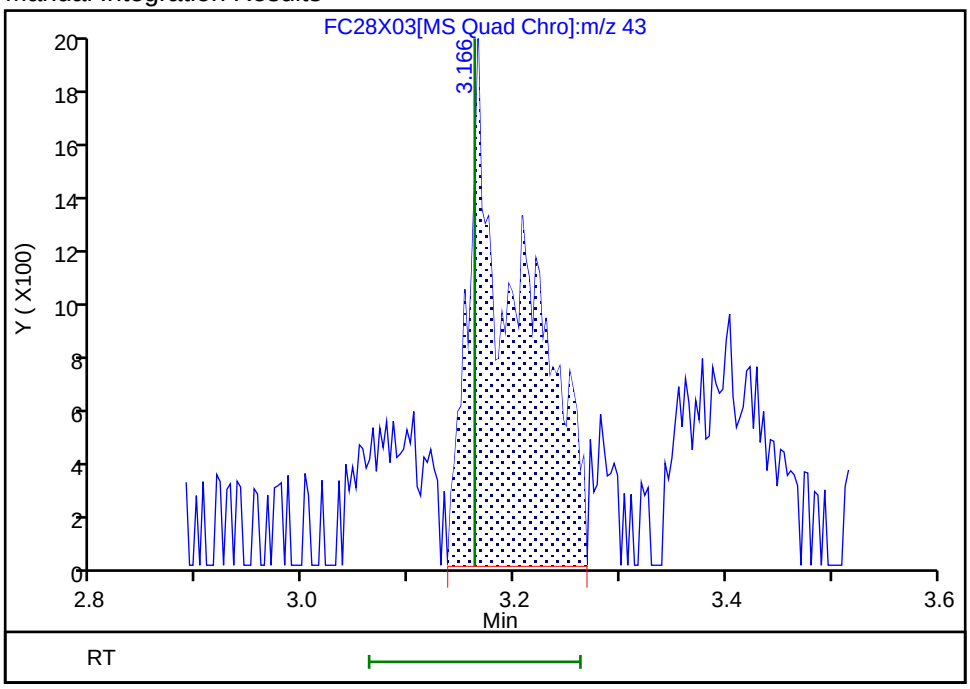
Processing Integration Results

RT: 3.22
Area: 554
Amount: 1.270731
Amount Units: ug/l



Manual Integration Results

RT: 3.17
Area: 6694
Amount: 2.466957
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:50:00 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

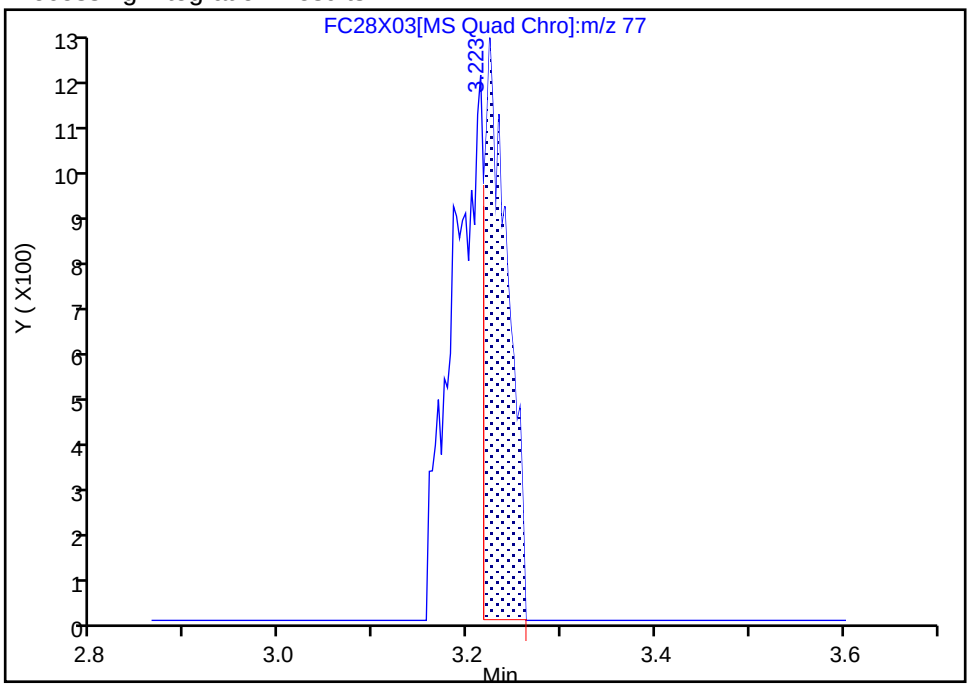
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

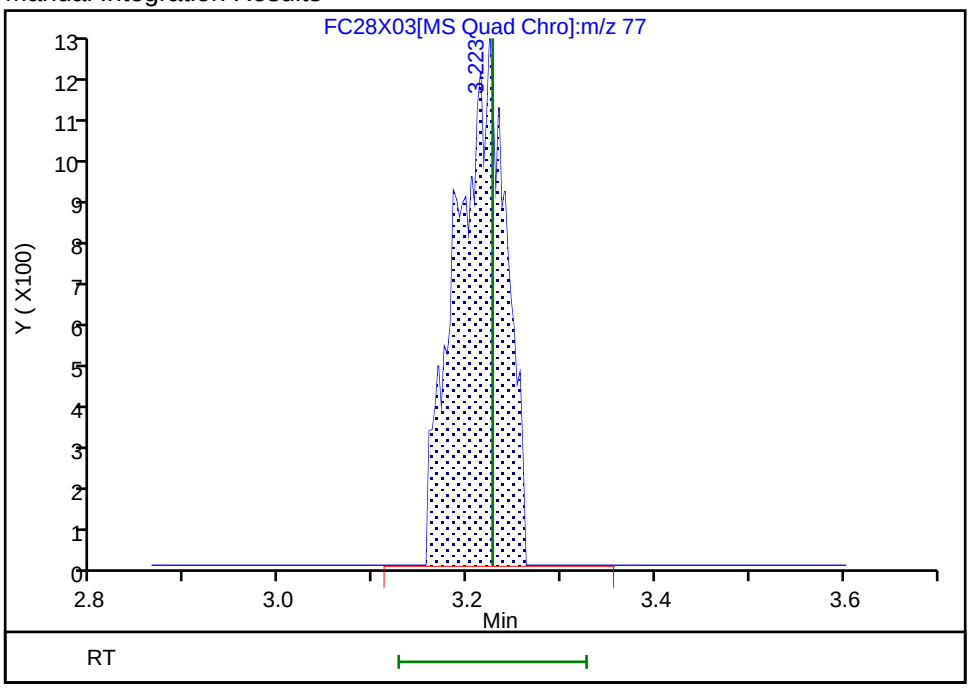
Processing Integration Results

RT: 3.22
Area: 2142
Amount: 0.508702
Amount Units: ug/l



Manual Integration Results

RT: 3.22
Area: 4564
Amount: 0.938695
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:50:11 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

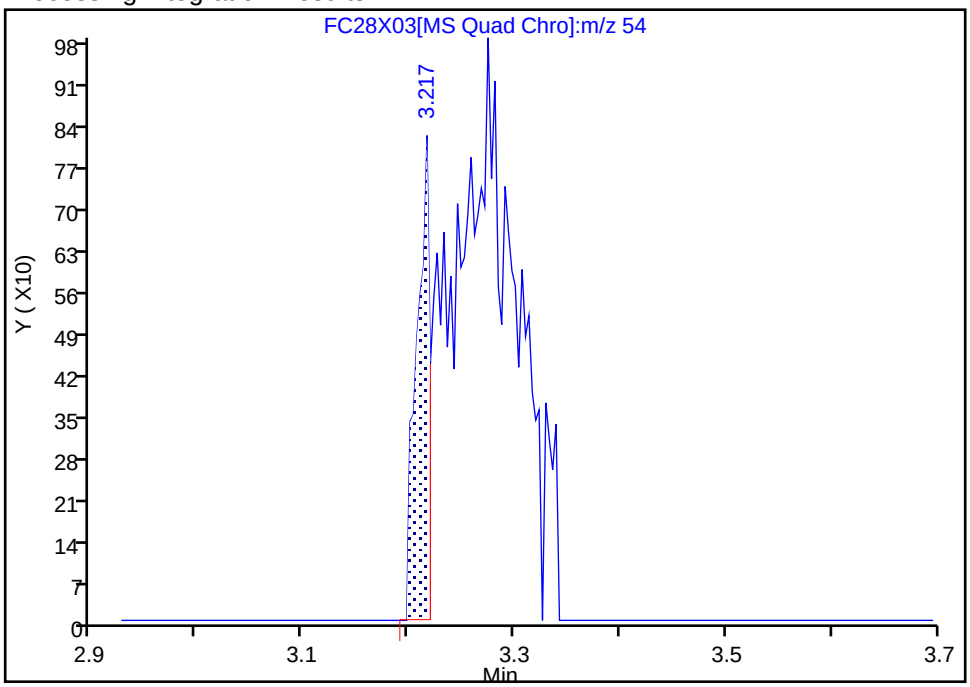
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

34 Propionitrile, CAS: 107-12-0

Signal: 1

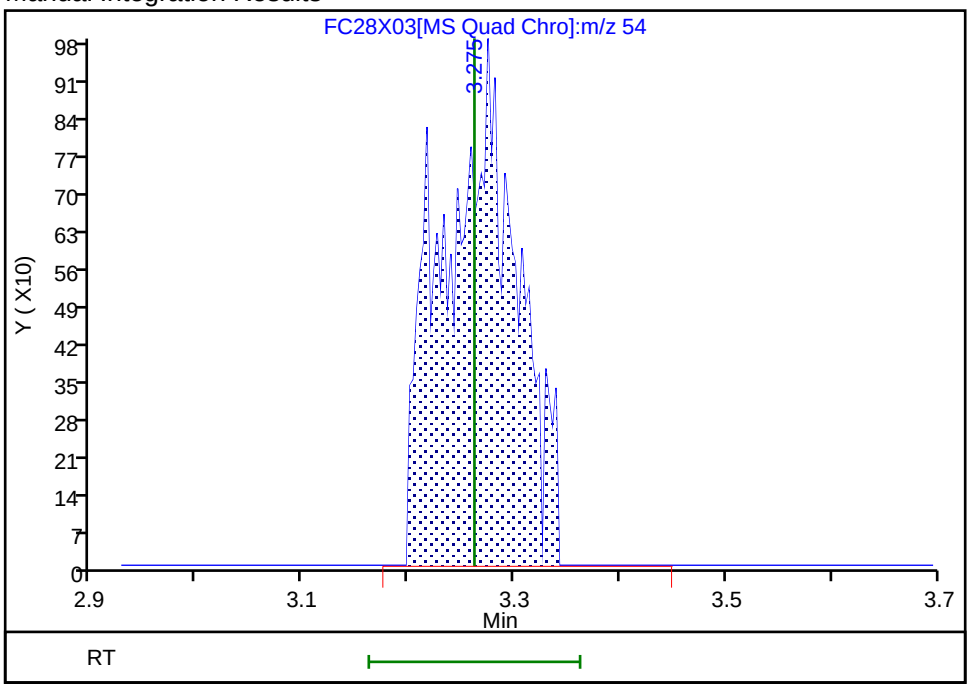
Processing Integration Results

RT: 3.22
Area: 687
Amount: 4.808135
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 4644
Amount: 4.803737
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:50:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

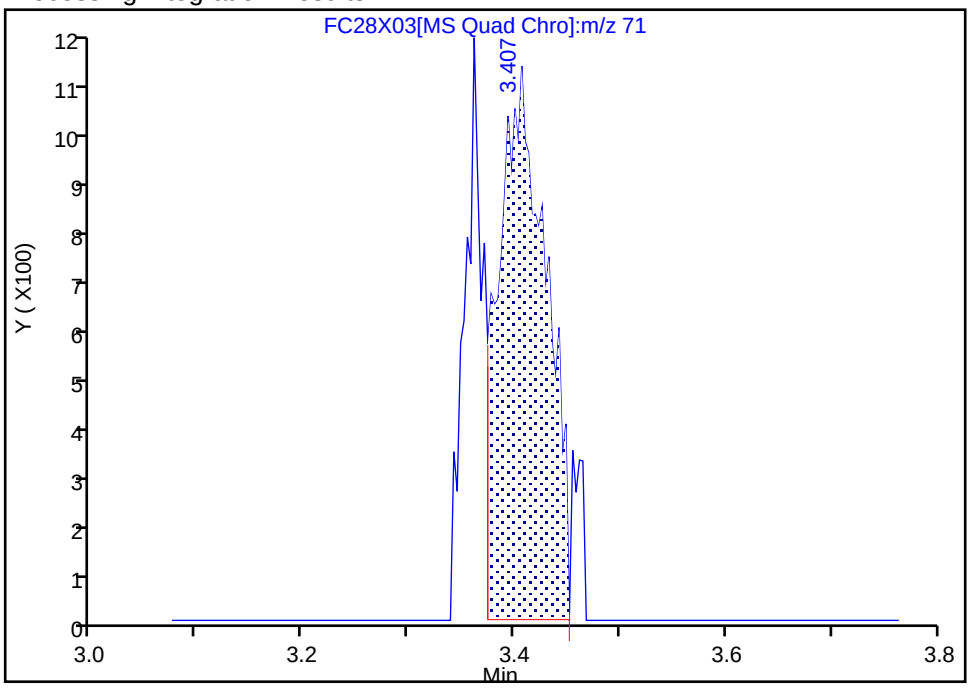
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

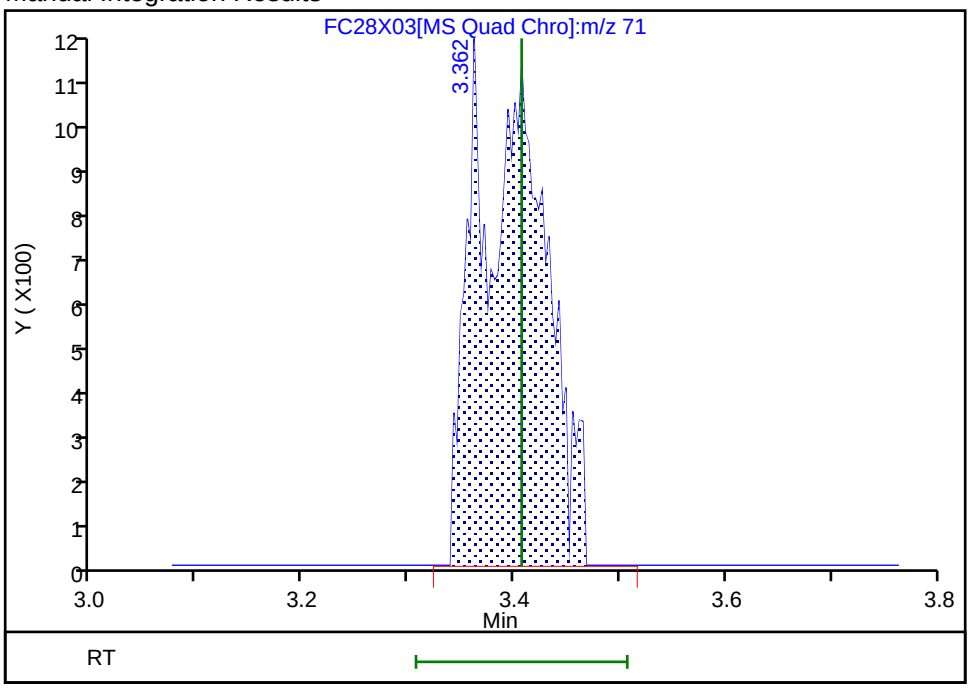
Processing Integration Results

RT: 3.41
Area: 3532
Amount: 3.718781
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 5094
Amount: 5.122676
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:51:51 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

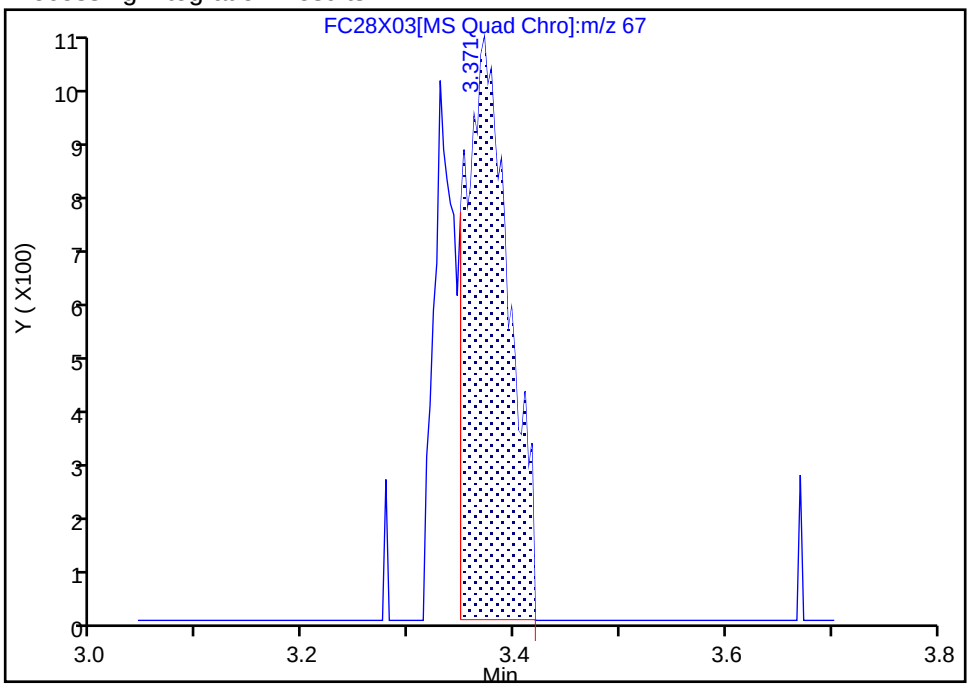
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

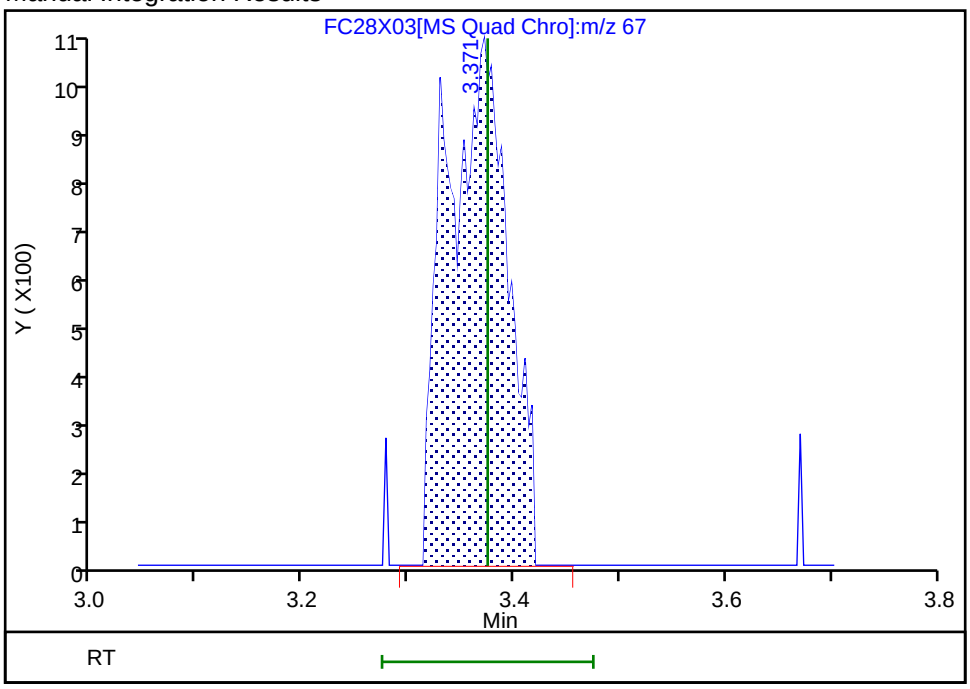
Processing Integration Results

RT: 3.37
Area: 2948
Amount: 1.842183
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 4211
Amount: 2.517868
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:50:44 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

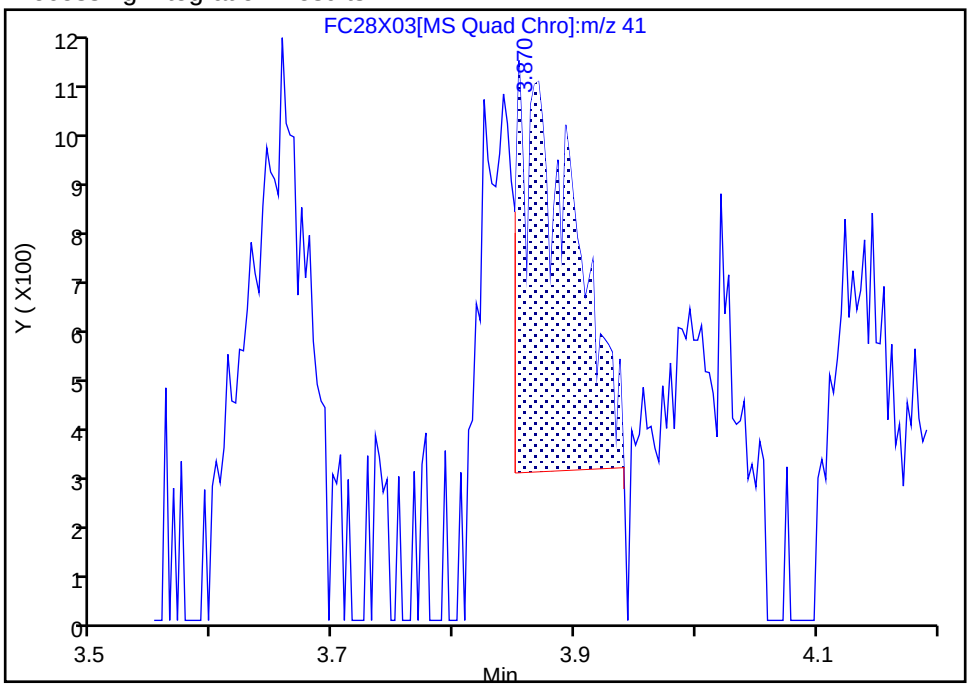
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

45 Isobutyl alcohol, CAS: 78-83-1

Signal: 1

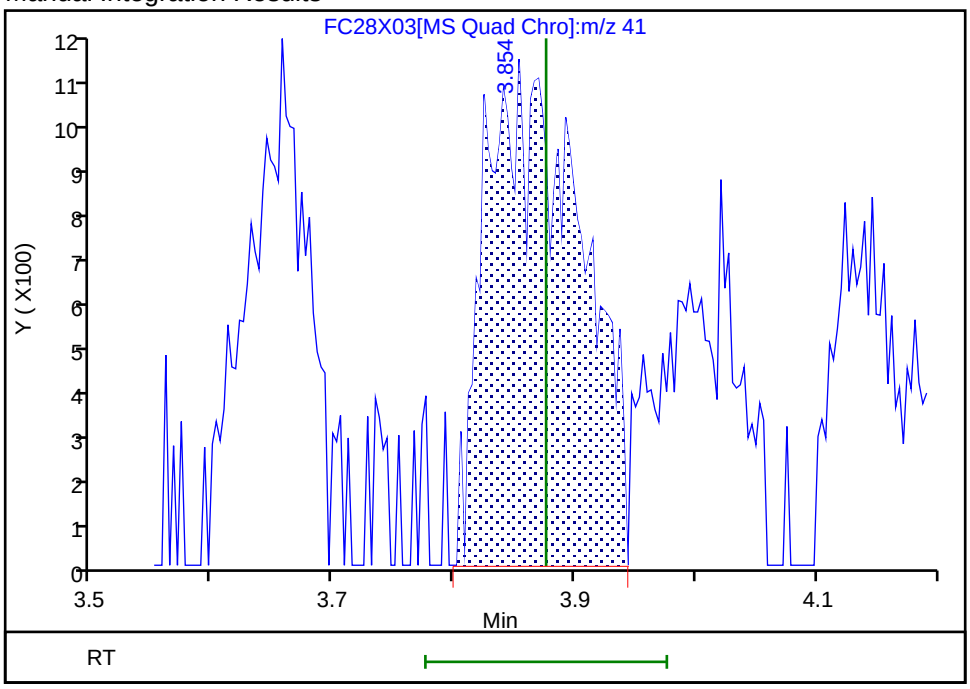
Processing Integration Results

RT: 3.87
Area: 2502
Amount: 7.467492
Amount Units: ug/l



Manual Integration Results

RT: 3.85
Area: 6046
Amount: 16.098836
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:52:04 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

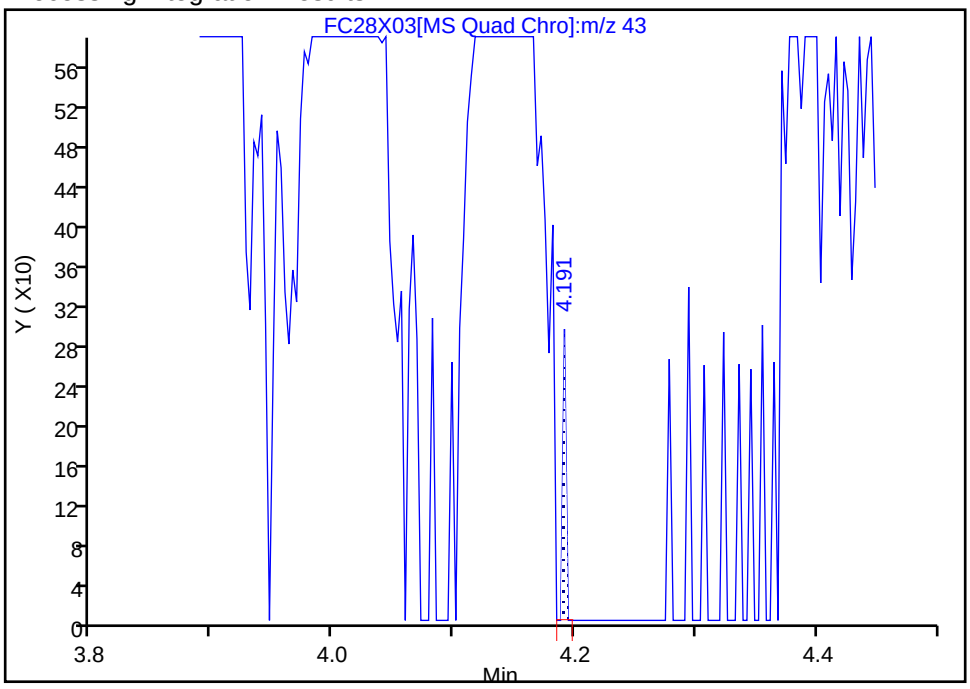
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D
Injection Date: 28-Oct-2024 16:32:33 Instrument ID: 15830
Lims ID: IC v1
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

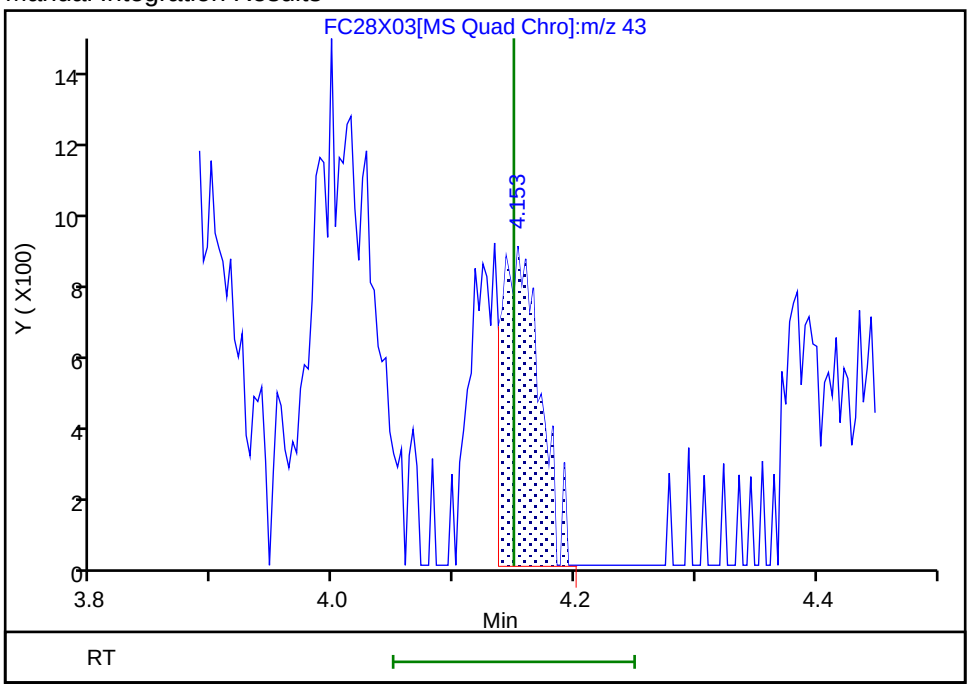
Processing Integration Results

RT: 4.19
Area: 56
Amount: 1.353500
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 1960
Amount: 1.036993
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:52:29 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

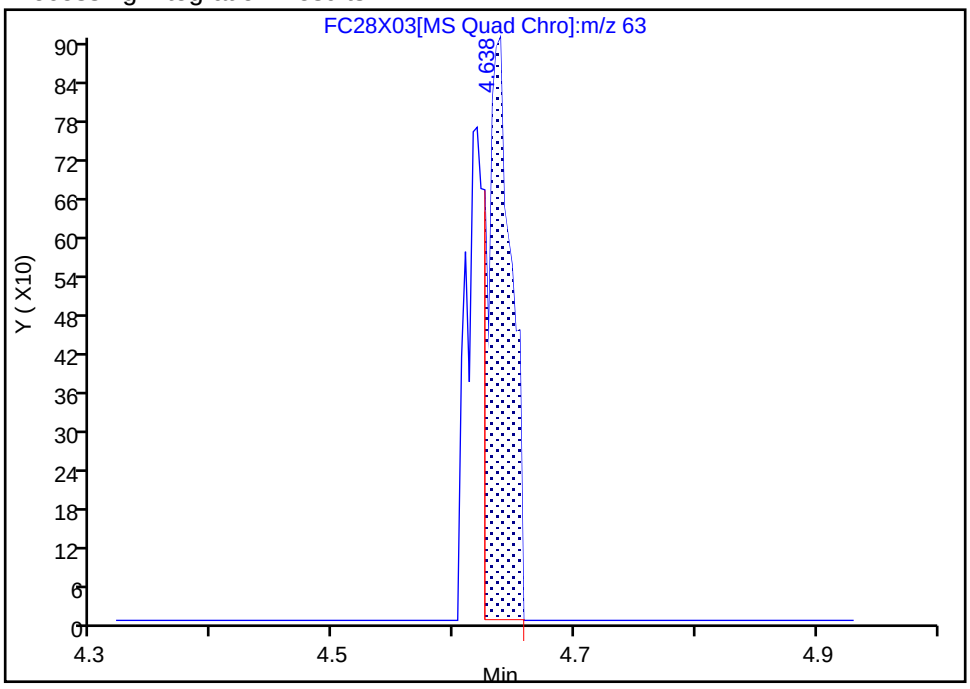
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X03.D				
Injection Date:	28-Oct-2024 16:32:33	Instrument ID:	15830		
Lims ID:	IC v1				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

55 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

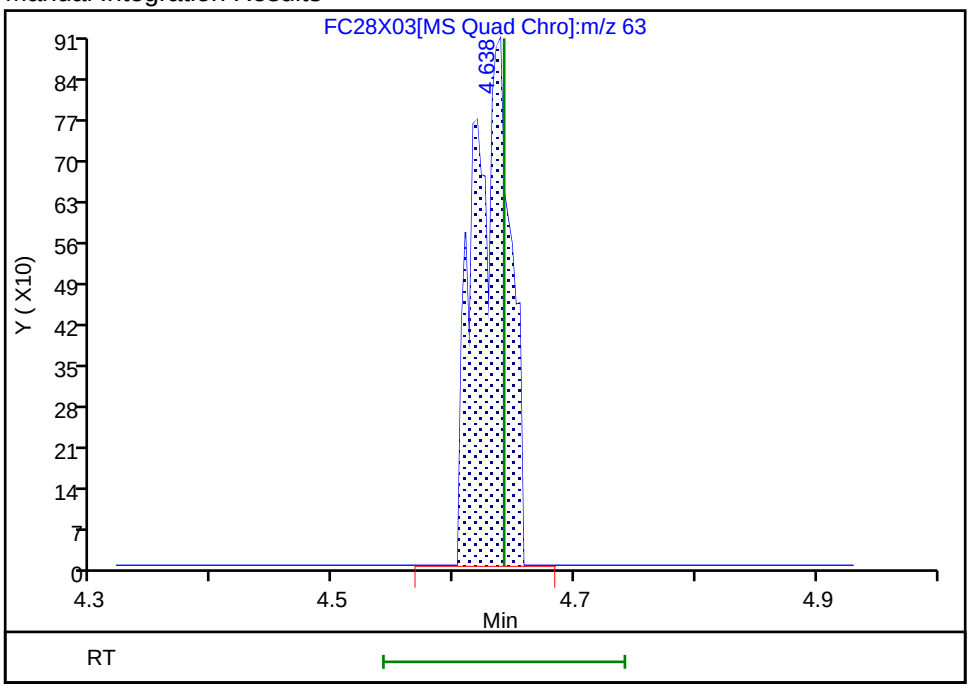
Processing Integration Results

RT: 4.64
Area: 1230
Amount: 0.558979
Amount Units: ug/l



Manual Integration Results

RT: 4.64
Area: 1914
Amount: 0.832841
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:52:39 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Lims ID: IC v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 28-Oct-2024 16:51:55 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v4
Misc. Info.: 410-0129020-005
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:10 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 09:47:36

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Dichlorodifluoromethane	85	1.018	1.018	0.000	37	20763	4.00	4.78	
2	Chloromethane	50	1.120	1.133	-0.013	98	23264	4.00	5.07	M
4	Butadiene	39	1.172	1.191	-0.019	80	24761	4.00	5.12	M
3	Vinyl chloride	62	1.182	1.198	-0.016	97	17736	4.00	4.71	
5	Bromomethane	94	1.371	1.381	-0.010	93	12791	4.00	4.54	
6	Chloroethane	64	1.384	1.397	-0.013	95	10137	4.00	4.59	
8	Pentane	43	1.542	1.555	-0.013	72	20634	4.00	4.47	
16	Dichlorofluoromethane	67	1.551	1.564	-0.013	99	32945	4.00	4.77	
7	Trichlorofluoromethane	101	1.577	1.590	-0.013	96	27073	4.00	4.83	M
22	1,2-Dichloro-1,1,2-trifluoroetha	67	1.754	1.760	-0.006	85	18104	4.00	4.81	
9	Acrolein	56	1.776	1.786	-0.010	97	32817	40.1	35.3	
10	1,1-Dichloroethene	96	1.844	1.870	-0.026	97	11768	4.00	4.32	
11	Acetone	58	1.886	1.889	-0.003	52	4654	8.00	7.75	M
12	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.895	-0.009	91	13634	4.00	4.50	
13	Iodomethane	142	1.966	1.973	-0.007	99	26004	4.00	4.45	
15	Isopropyl alcohol	45	1.969	2.031	-0.061	33	11339	20.0	21.5	M
14	Carbon disulfide	76	2.040	2.053	-0.013	98	37447	4.00	4.48	M
18	Methyl acetate	43	2.088	2.104	-0.016	50	13690	4.00	3.62	M
17	3-Chloro-1-propene	41	2.098	2.108	-0.010	85	18982	4.00	4.11	
19	Methylene Chloride	84	2.210	2.227	-0.017	87	13547	4.00	4.42	
* 20	t-Butyl alcohol-d10 (IS)	65	2.317	2.294	0.023	94	355582	250.0	250.0	
21	2-Methyl-2-propanol	59	2.394	2.358	0.036	56	28144	20.0	20.2	
23	Acrylonitrile	53	2.394	2.397	-0.003	83	20087	10.0	10.4	M
24	trans-1,2-Dichloroethene	96	2.400	2.416	-0.016	98	13174	4.00	4.43	
25	Methyl tert-butyl ether	73	2.400	2.420	-0.020	94	38405	4.00	4.33	M
26	Hexane	57	2.628	2.632	-0.004	91	15773	4.00	4.35	
27	1,1-Dichloroethane	63	2.744	2.754	-0.010	96	21573	4.00	4.32	
28	Isopropyl ether	45	2.783	2.802	-0.019	94	33264	4.00	4.21	
29	2-Chloro-1,3-butadiene	53	2.799	2.809	-0.010	91	19922	4.00	4.35	
30	Tert-butyl ethyl ether	59	3.075	3.082	-0.007	97	37487	4.00	4.28	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.162	3.162	0.000	99	23416	8.00	8.57	M
31 cis-1,2-Dichloroethene	96	3.194	3.204	-0.010	80	14649	4.00	4.31	
33 2,2-Dichloropropane	77	3.210	3.227	-0.017	87	21658	4.00	4.43	
34 Propionitrile	54	3.252	3.262	-0.010	89	18144	20.0	20.0	M
35 Methacrylonitrile	67	3.368	3.375	-0.006	91	16976	10.0	10.1	M
36 Chlorobromomethane	128	3.378	3.391	-0.013	90	7438	4.00	4.33	
37 Tetrahydrofuran	71	3.407	3.407	0.000	91	17883	20.0	19.2	M
39 Chloroform	83	3.477	3.484	-0.007	93	23174	4.00	4.34	
40 1,1,1-Trichloroethane	97	3.603	3.606	-0.003	94	21677	4.00	4.34	
$ 41 Dibromofluoromethane (Surr)	113	3.603	3.609	-0.006	93	168303	50.0	52.3	
42 Cyclohexane	56	3.651	3.661	-0.010	88	21824	4.00	4.31	
43 Carbon tetrachloride	117	3.725	3.725	0.000	94	18860	4.00	4.31	
44 1,1-Dichloropropene	75	3.722	3.728	-0.006	95	16577	4.00	4.30	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.863	3.873	-0.010	61	38276	50.0	51.3	
45 Isobutyl alcohol	41	3.834	3.876	-0.042	82	18512	50.0	52.5	
47 Benzene	78	3.879	3.883	-0.004	94	44070	4.00	4.22	
48 1,2-Dichloroethane	62	3.924	3.934	-0.010	95	16476	4.00	4.13	
49 Tert-amyl methyl ether	73	4.001	4.008	-0.007	97	36500	4.00	4.27	
* 50 Fluorobenzene (IS)	96	4.127	4.133	-0.006	99	534281	50.0	50.0	
51 n-Heptane	43	4.149	4.149	0.000	90	6721	4.00	3.53	
52 n-Butanol	56	4.381	4.381	0.000	89	14046	50.0	47.6	
53 Trichloroethene	95	4.419	4.429	-0.010	98	11207	4.00	4.03	
54 Methylcyclohexane	83	4.612	4.616	-0.004	87	22109	4.00	4.24	
55 1,2-Dichloropropane	63	4.632	4.641	-0.009	63	9467	4.00	4.09	
56 2-ethoxy-2-methyl butane	87	4.654	4.661	-0.007	92	18487	4.00	4.04	
58 1,4-Dioxane	88	4.686	4.680	0.006	29	3249	50.0	40.7	M
59 Methyl methacrylate	69	4.699	4.699	0.000	90	8165	4.00	3.81	
57 Dibromomethane	93	4.702	4.712	-0.010	89	7345	4.00	4.15	
60 Dichlorobromomethane	83	4.866	4.870	-0.004	97	12386	4.00	3.88	
61 2-Nitropropane	41	5.040	5.040	0.000	98	28446	20.0	18.8	
62 2-Chloroethyl vinyl ether	63	5.111	5.111	0.000	93	5614	4.00	3.81	
63 cis-1,3-Dichloropropene	75	5.226	5.233	-0.007	94	12948	4.00	3.79	
64 4-Methyl-2-pentanone (MIBK)	43	5.371	5.384	-0.013	96	35177	8.00	8.07	
$ 65 Toluene-d8 (Surr)	98	5.445	5.452	-0.007	94	456028	50.0	49.3	
66 Toluene	92	5.503	5.509	-0.006	98	23144	4.00	4.09	
67 trans-1,3-Dichloropropene	75	5.712	5.709	0.003	94	11395	4.00	3.83	
68 Ethyl methacrylate	69	5.773	5.776	-0.003	89	13762	4.00	4.04	
69 1,1,2-Trichloroethane	97	5.853	5.857	-0.004	90	7642	4.00	3.96	
70 Tetrachloroethene	166	5.902	5.905	-0.003	96	11834	4.00	4.19	
71 1,3-Dichloropropane	76	5.969	5.969	0.000	92	12108	4.00	3.92	
73 2-Hexanone	43	6.024	6.027	-0.003	95	25028	8.00	8.15	
74 Chlorodibromomethane	129	6.120	6.120	0.000	90	9003	4.00	3.95	
S 72 1,2-Dichloroethene, Total	100				0			8.73	
75 Ethylene Dibromide	107	6.191	6.191	0.000	99	8668	4.00	4.07	
* 76 Chlorobenzene-d5 (IS)	117	6.509	6.509	0.000	85	342236	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	96	25955	4.00	4.11	
78 1-Chlorohexane	91	6.538	6.538	0.000	93	12790	4.00	4.17	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	94	11603	4.00	4.11	
80 Ethylbenzene	91	6.603	6.603	0.000	98	48601	4.00	4.15	
81 m-Xylene & p-Xylene	106	6.686	6.689	-0.003	99	38188	8.00	8.24	
82 o-Xylene	106	6.924	6.924	0.000	96	20813	4.00	4.19	
83 Styrene	104	6.937	6.937	0.000	94	27326	4.00	3.97	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.040	7.040	0.000	94	6521	4.00	3.78	
85 Isopropylbenzene	105	7.149	7.149	0.000	95	51524	4.00	4.23	
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	91	182496	50.0	51.4	
87 Bromobenzene	156	7.320	7.320	0.000	91	11832	4.00	3.90	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	97	15496	4.00	3.89	a
89 trans-1,4-Dichloro-2-butene	53	7.352	7.355	-0.003	95	10041	10.0	9.60	
90 1,2,3-Trichloropropane	110	7.361	7.361	0.000	86	5685	4.00	4.11	
91 N-Propylbenzene	91	7.390	7.390	0.000	98	60615	4.00	4.02	
92 2-Chlorotoluene	126	7.435	7.435	0.000	97	12880	4.00	3.95	
93 1,3,5-Trimethylbenzene	105	7.496	7.497	-0.001	95	46177	4.00	3.93	
94 4-Chlorotoluene	126	7.503	7.506	-0.003	98	11951	4.00	4.01	
95 tert-Butylbenzene	134	7.667	7.667	0.000	93	8914	4.00	3.76	
96 1,2,4-Trimethylbenzene	105	7.702	7.702	0.000	97	45579	4.00	3.84	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	54556	4.00	3.86	
98 1,3-Dichlorobenzene	146	7.850	7.850	0.000	98	23292	4.00	3.98	
99 4-Isopropyltoluene	119	7.873	7.876	-0.003	96	49763	4.00	3.96	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	94	223566	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	95	23781	4.00	4.03	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	97	47462	4.00	3.89	
103 Benzyl chloride	91	7.969	7.966	0.003	99	33592	4.00	4.01	
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	95	28046	4.00	4.00	
105 p-Diethylbenzene	119	8.078	8.079	0.000	97	29424	4.00	4.07	
106 n-Butylbenzene	92	8.091	8.091	0.000	97	22035	4.00	4.06	
107 1,2-Dichlorobenzene	146	8.094	8.095	-0.001	98	24767	4.00	4.10	
108 o-diethylbenzene	119	8.127	8.127	0.000	94	22526	4.00	3.81	
109 1,2-Dibromo-3-Chloropropane	75	8.503	8.503	0.000	86	5663	4.00	3.67	
110 1,3,5-Trichlorobenzene	180	8.599	8.599	0.000	98	18074	4.00	4.13	
111 1,2,4-Trichlorobenzene	180	8.914	8.914	0.000	94	17897	4.00	4.03	
112 Hexachlorobutadiene	225	8.988	8.988	0.000	96	5879	4.00	3.80	
113 Naphthalene	128	9.046	9.046	0.000	97	76940	4.00	4.11	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	96	18467	4.00	4.01	
115 2-Methylnaphthalene	142	9.599	9.599	0.000	92	39239	4.00	3.86	
S 137 1,3-Dichloropropene, Total	100				0			7.62	
S 138 Xylenes, Total	106				0			12.4	
S 139 Total Diethylbenzene	1				0			11.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00207	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_00905	Amount Added:	2.00	Units: uL	
MSV_CCV_VOC#3_00205	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00199	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 30-Oct-2024 14:31:11 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D

Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830 Operator ID: MEC29284

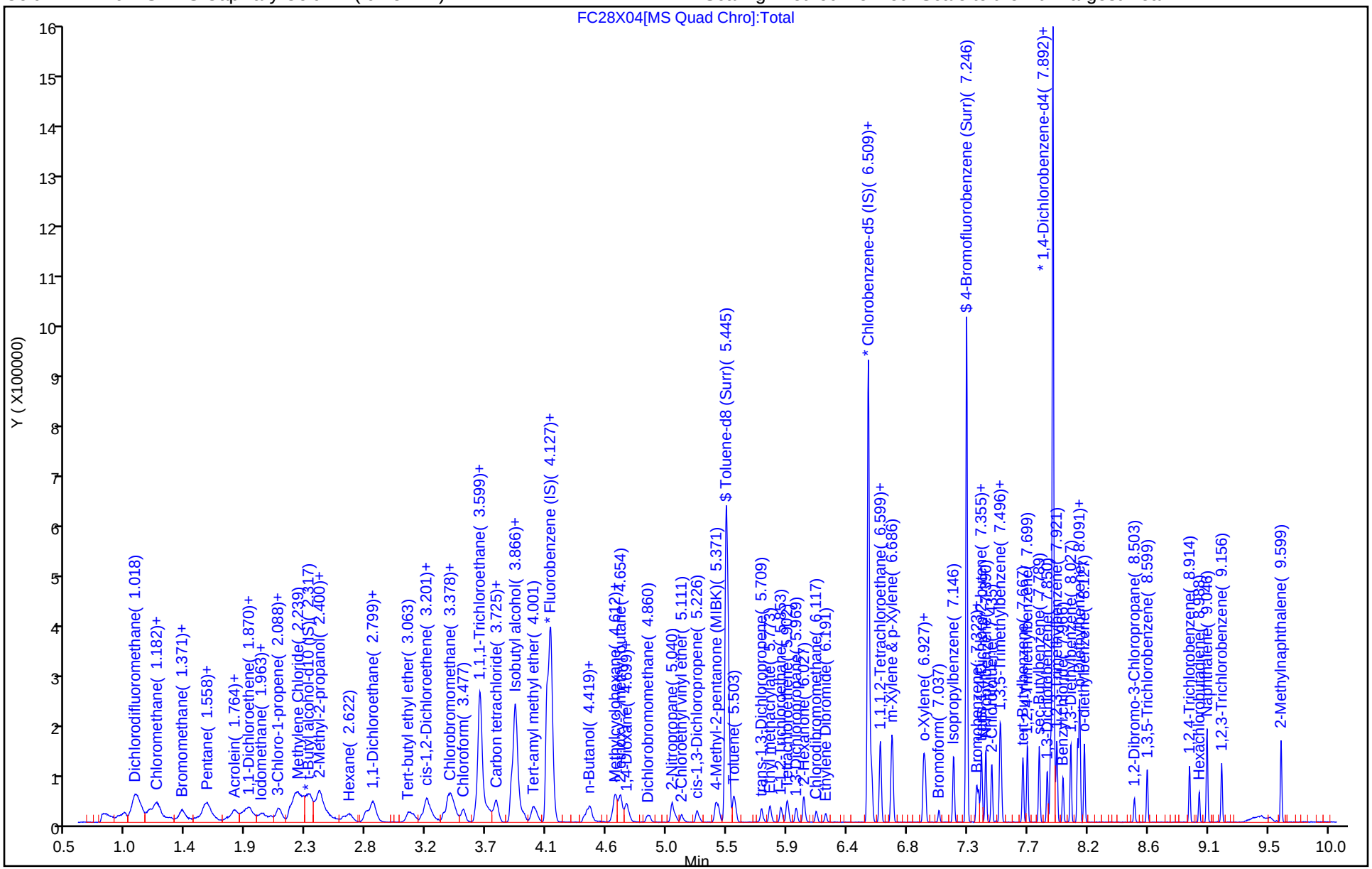
Lims ID: IC v4 Worklist Smp#: 5

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 0

Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

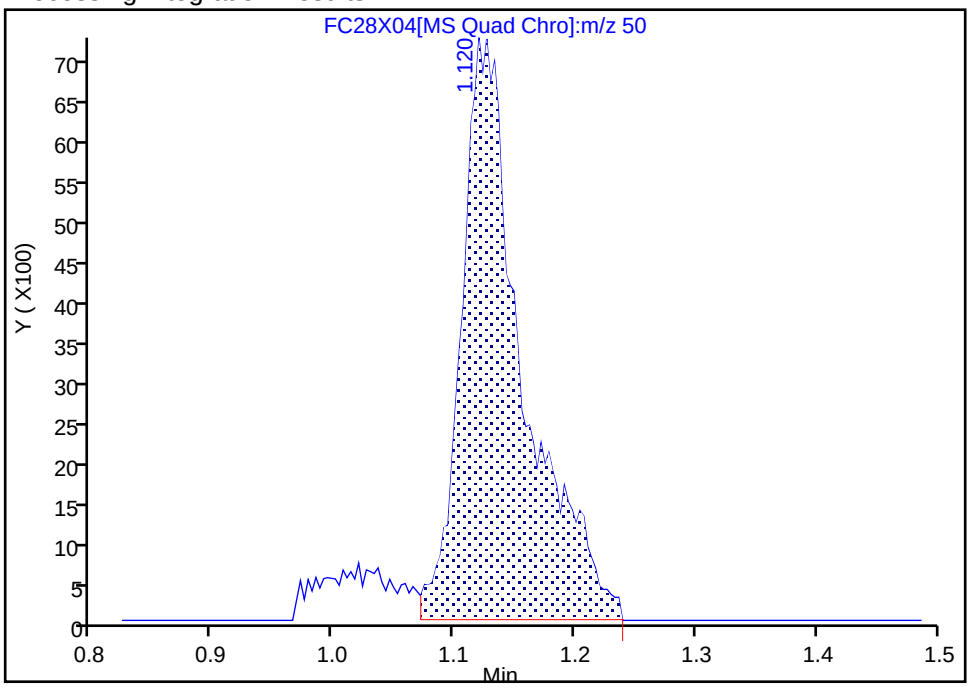
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

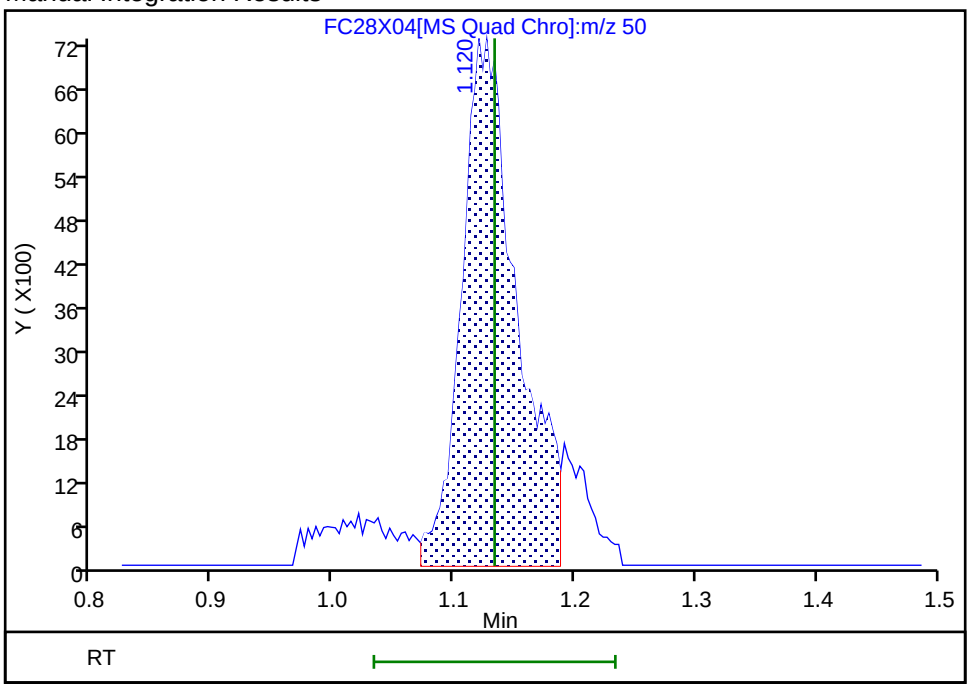
Processing Integration Results

RT: 1.12
Area: 25751
Amount: 5.504896
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 23264
Amount: 5.069498
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:40:00 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

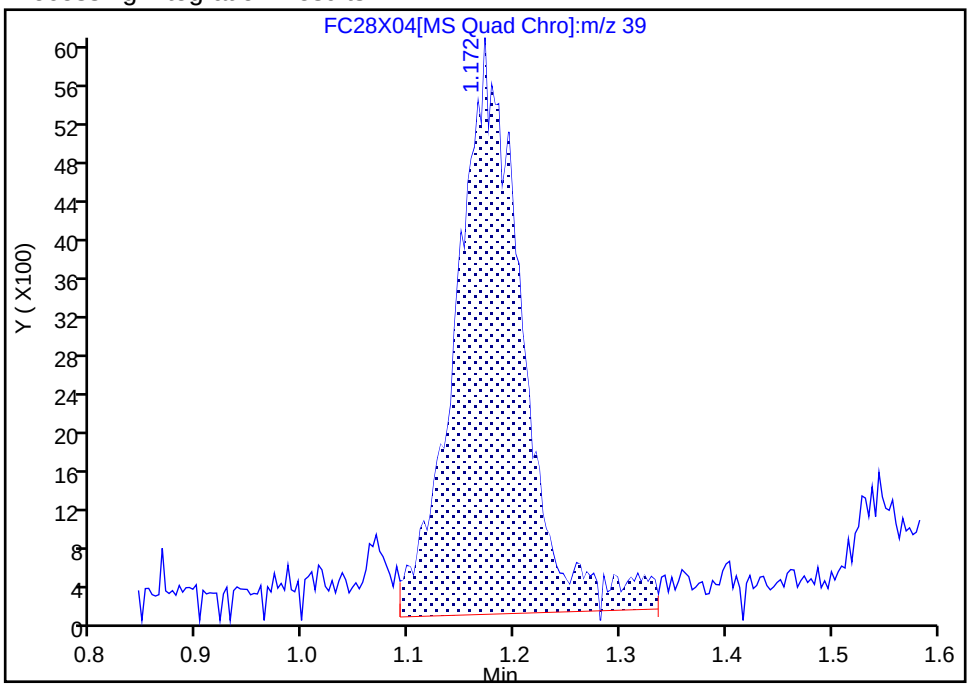
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D				
Injection Date:	28-Oct-2024 16:51:55	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

4 Butadiene, CAS: 106-99-0

Signal: 1

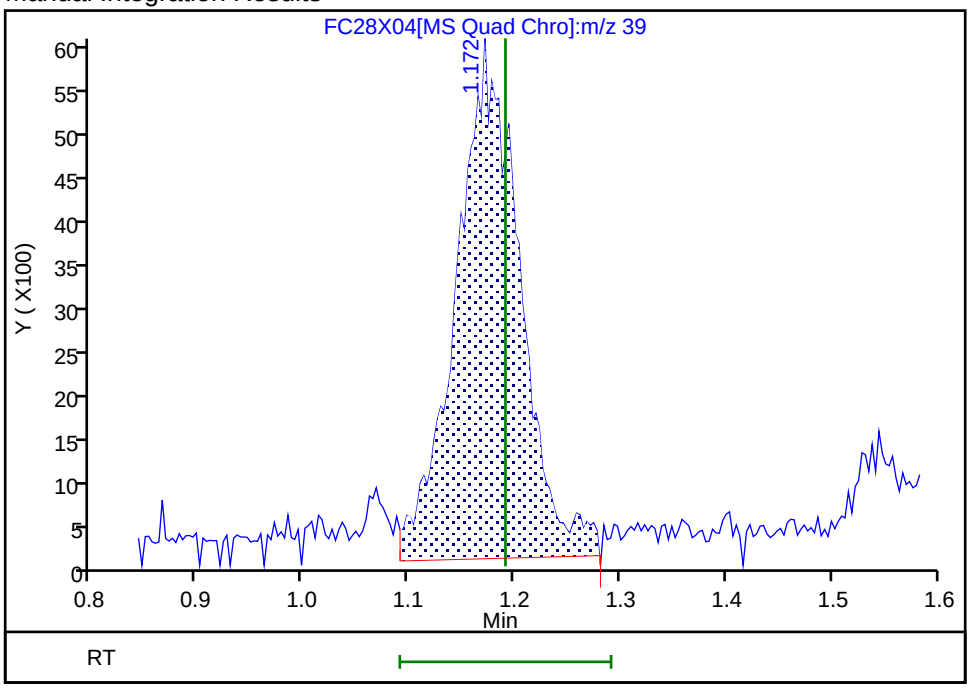
Processing Integration Results

RT: 1.17
Area: 25695
Amount: 5.195758
Amount Units: ug/l



Manual Integration Results

RT: 1.17
Area: 24761
Amount: 5.117131
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:40:06 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

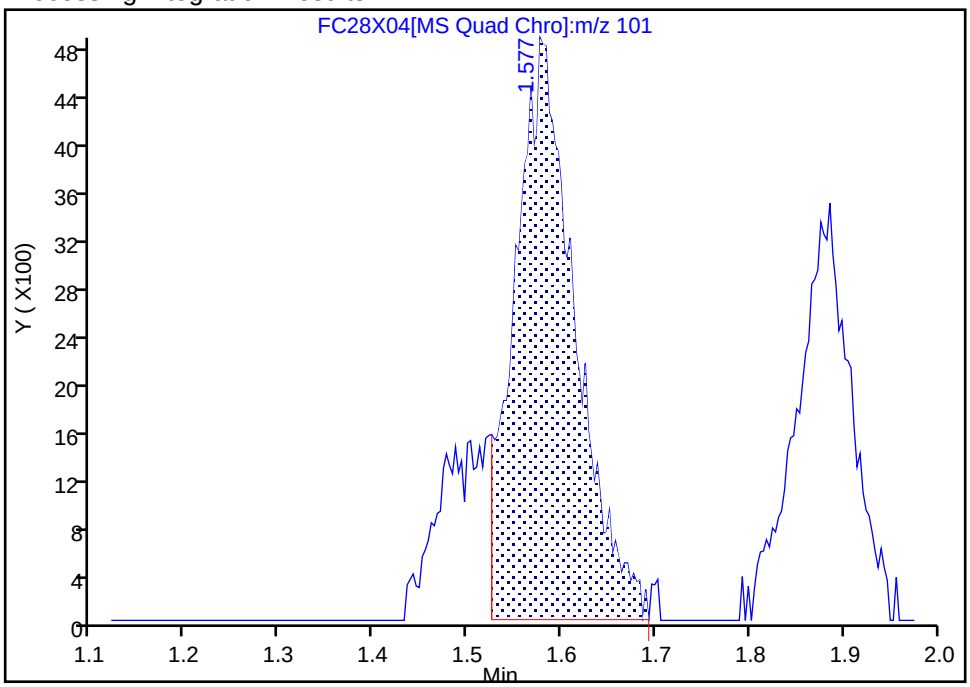
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

7 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

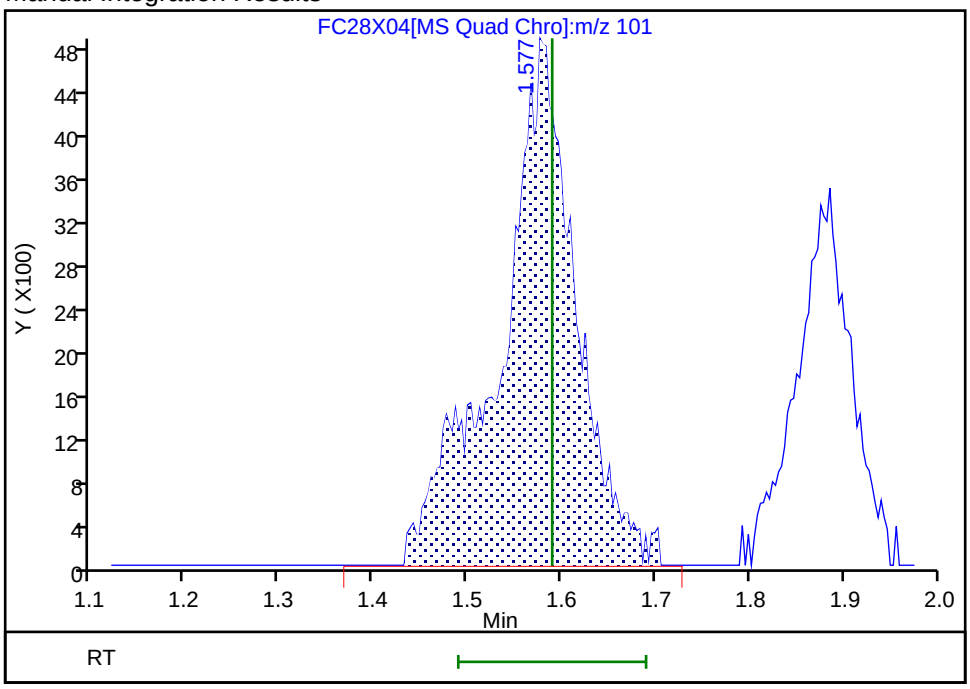
Processing Integration Results

RT: 1.58
Area: 21491
Amount: 3.971638
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 27073
Amount: 4.825439
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:40:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

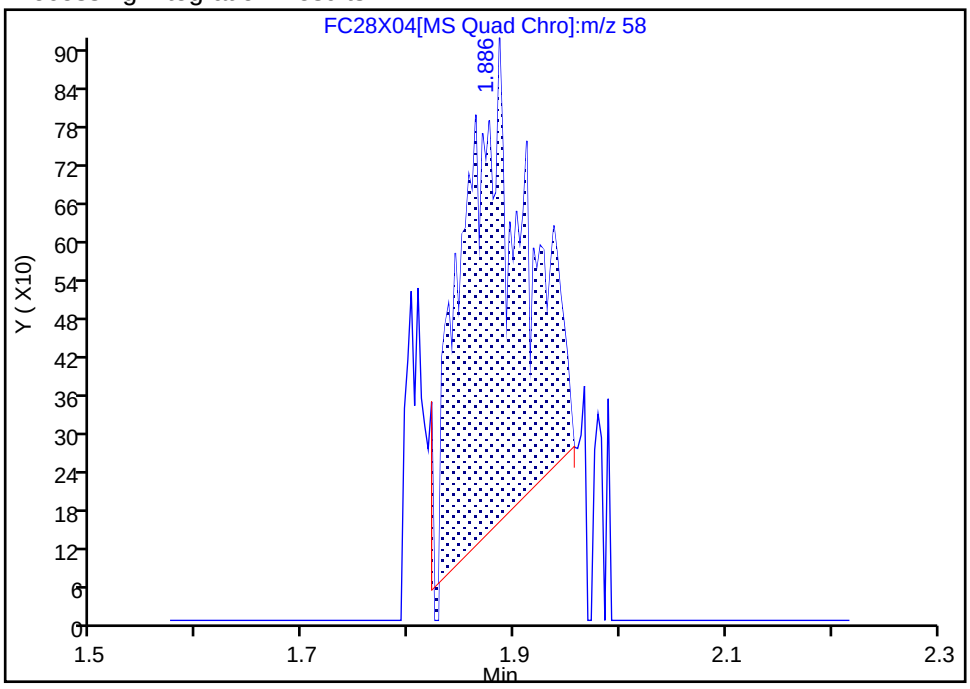
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

11 Acetone, CAS: 67-64-1

Signal: 1

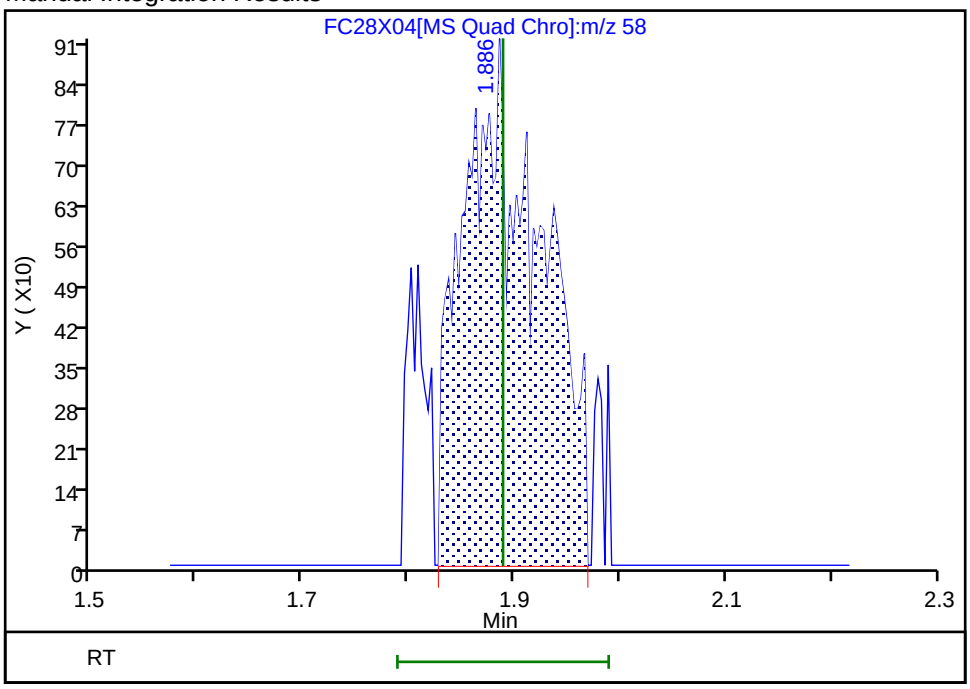
Processing Integration Results

RT: 1.89
Area: 3214
Amount: 6.710336
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 4654
Amount: 7.749977
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:40:19 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

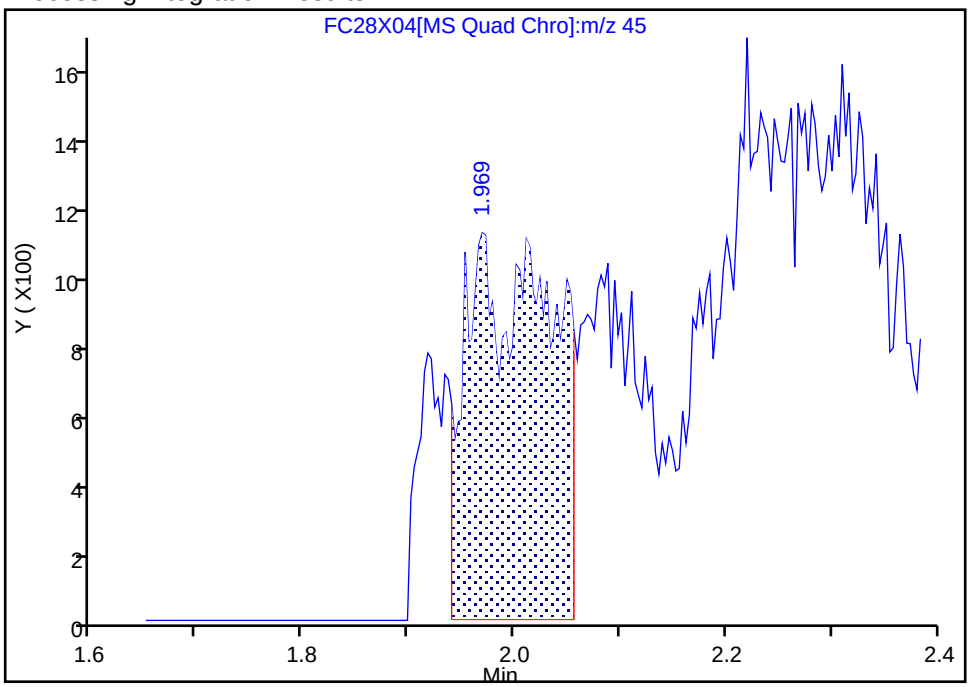
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

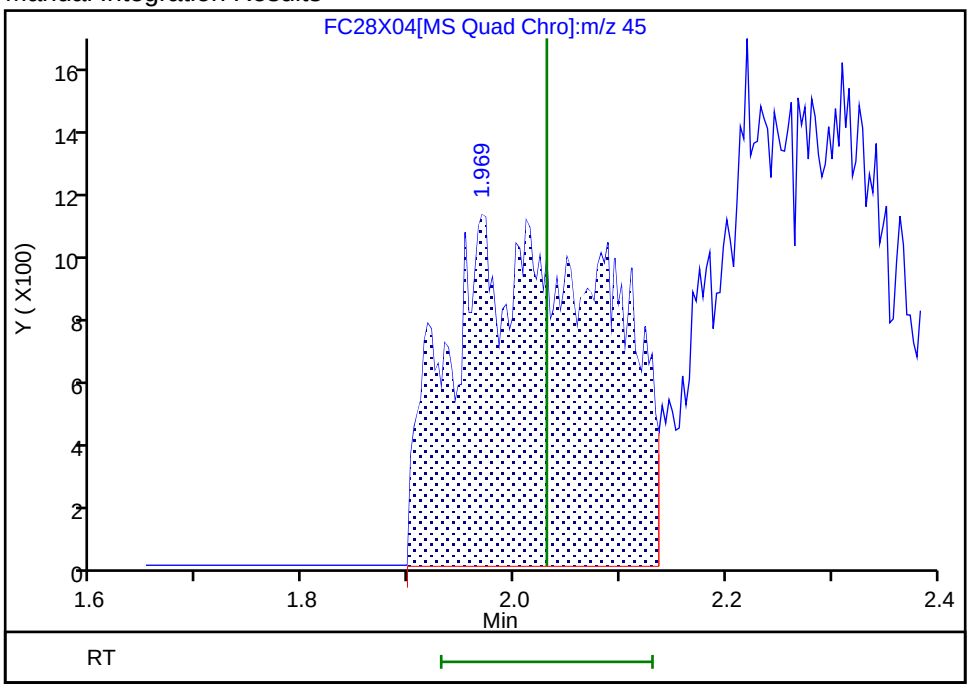
Processing Integration Results

RT: 1.97
Area: 6183
Amount: 15.109715
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 11339
Amount: 21.520531
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:17:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

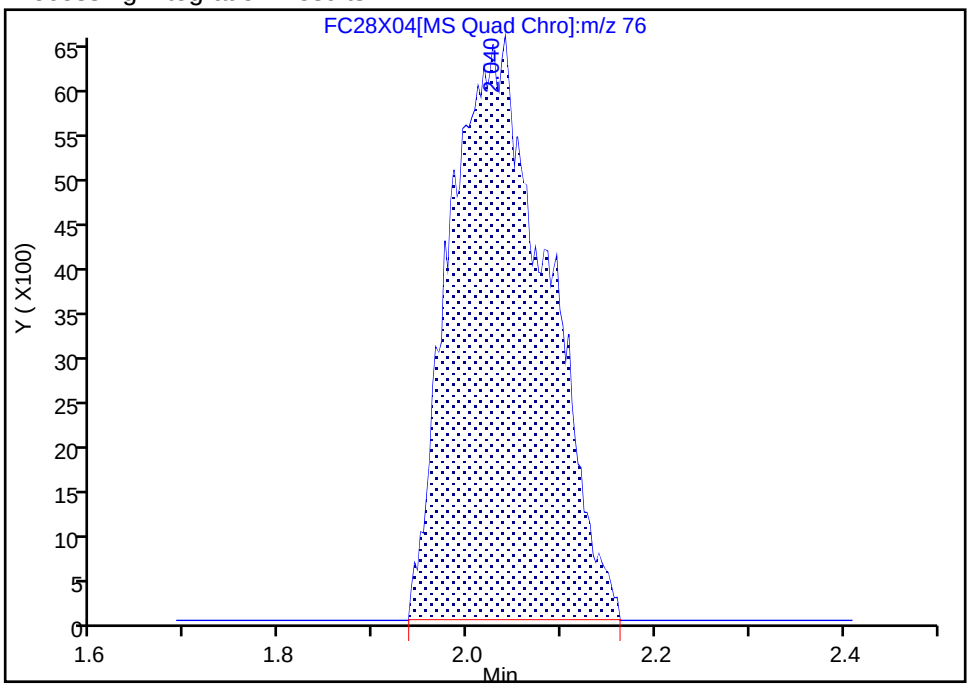
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

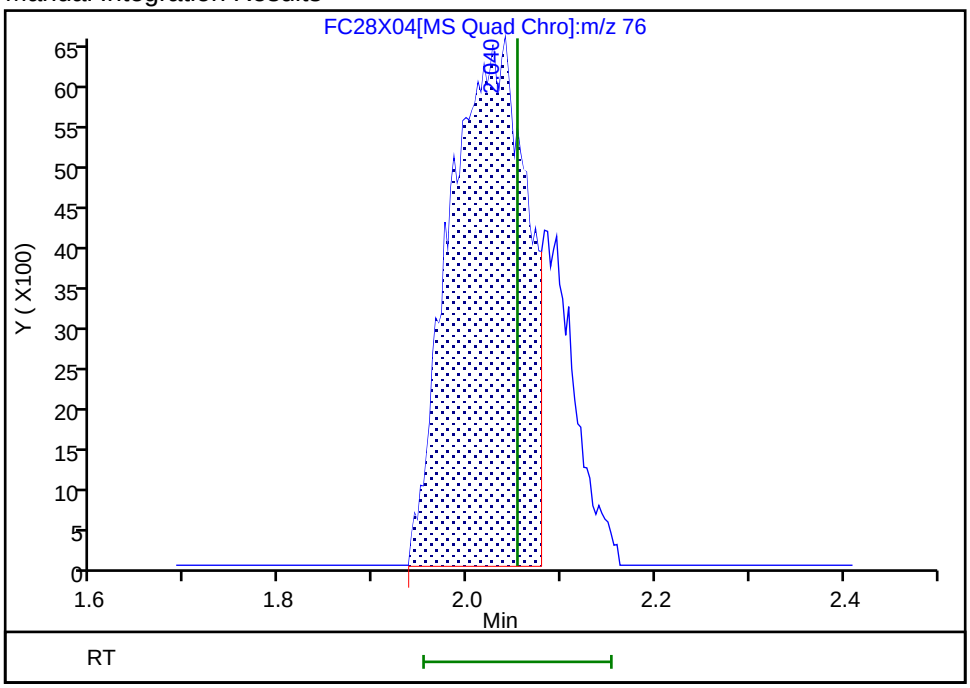
Processing Integration Results

RT: 2.04
Area: 47001
Amount: 6.136026
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 37447
Amount: 4.483649
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:40:39 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

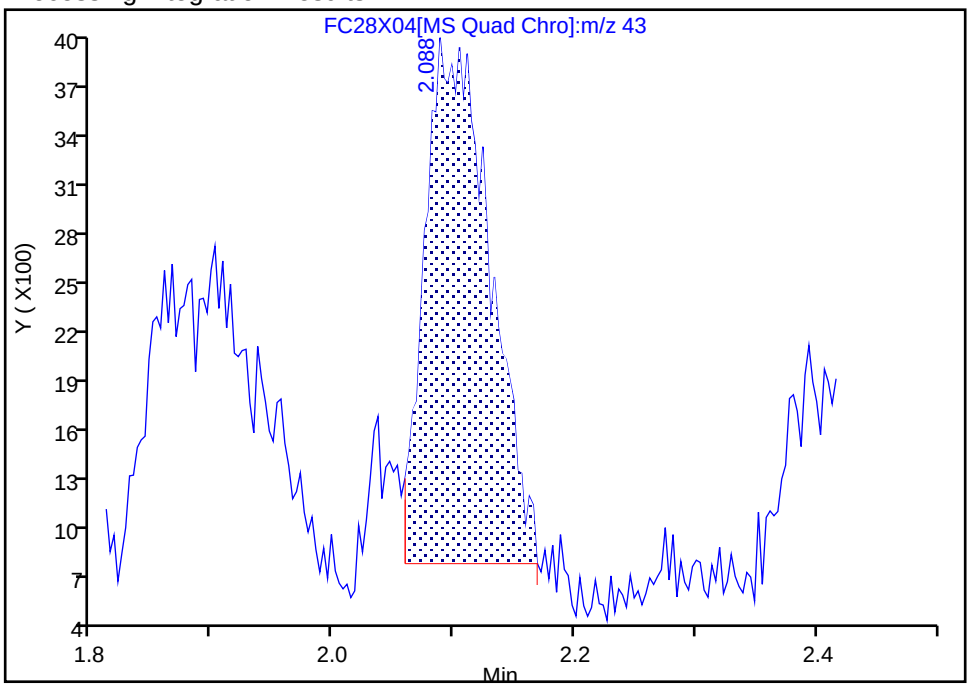
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

18 Methyl acetate, CAS: 79-20-9

Signal: 1

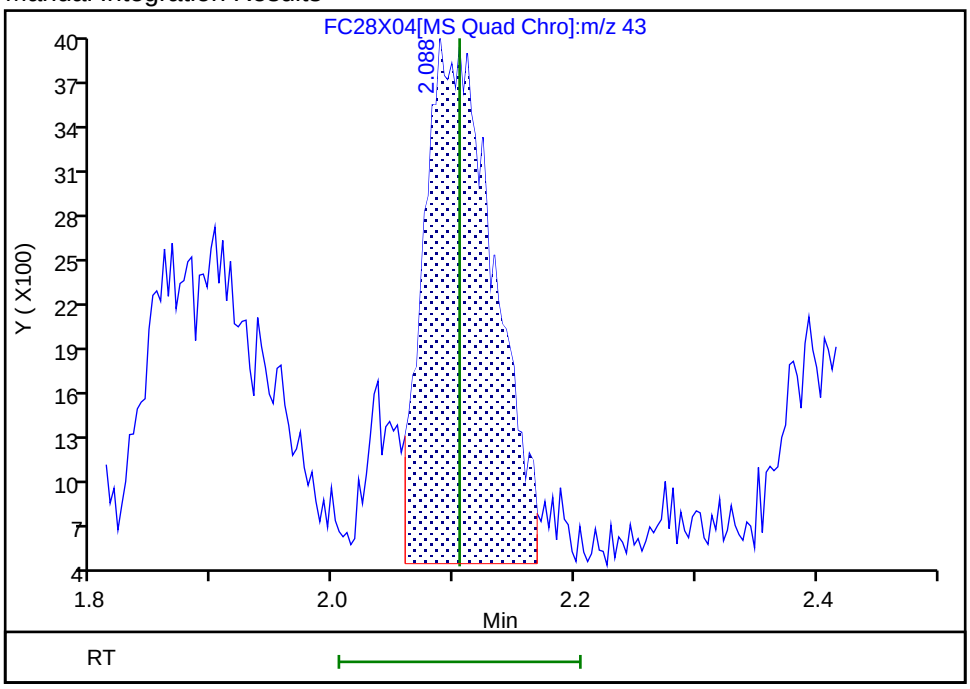
Processing Integration Results

RT: 2.09
Area: 11469
Amount: 3.406663
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 13690
Amount: 3.622719
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:40:48 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

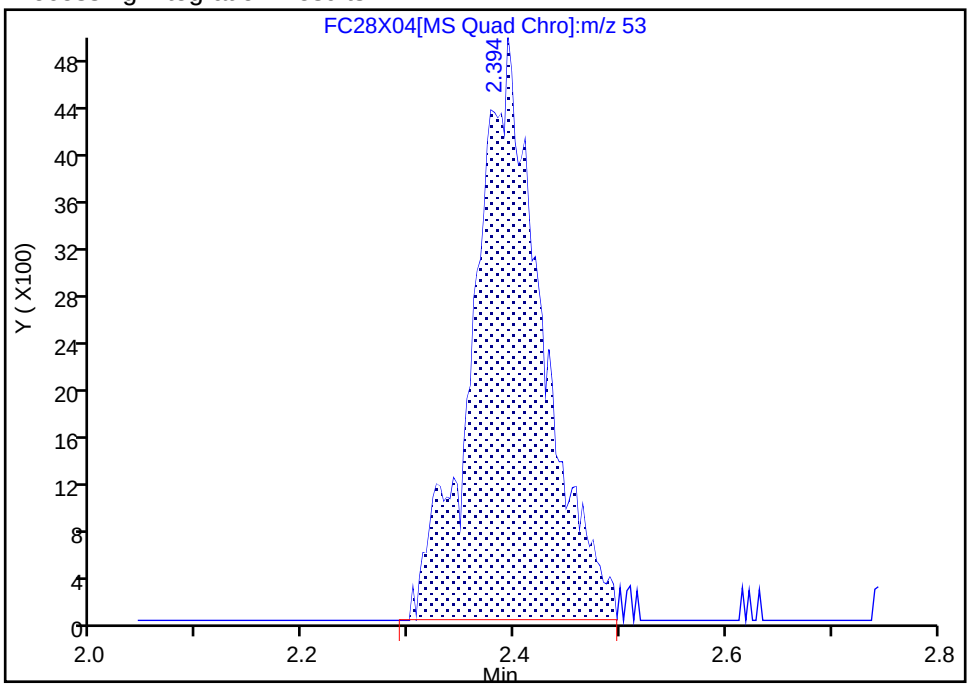
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

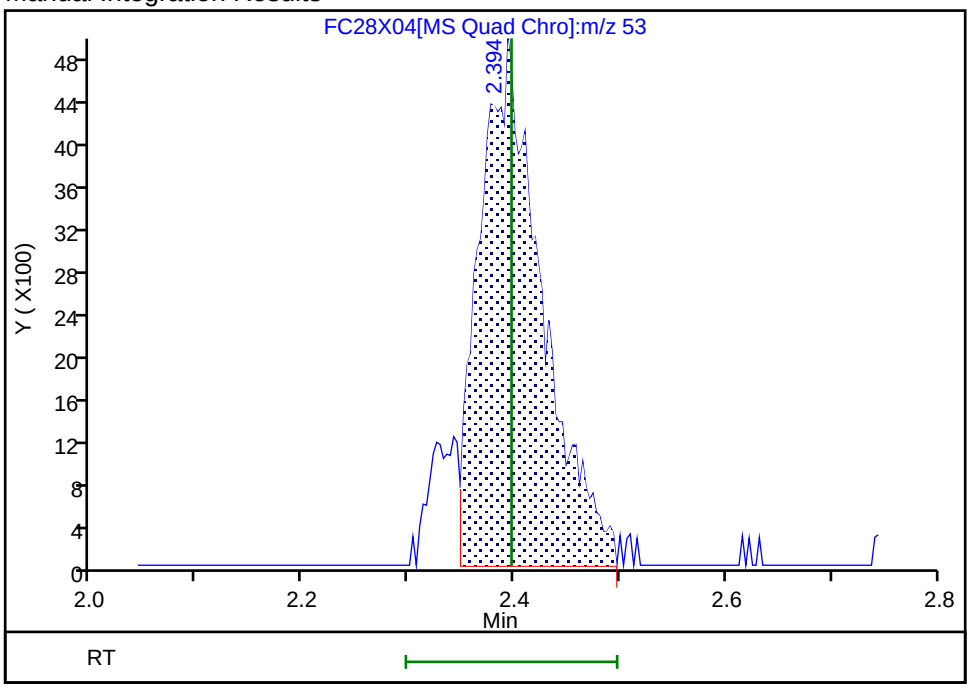
Processing Integration Results

RT: 2.39
Area: 22267
Amount: 11.088167
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 20087
Amount: 10.431574
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 13:59:24 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

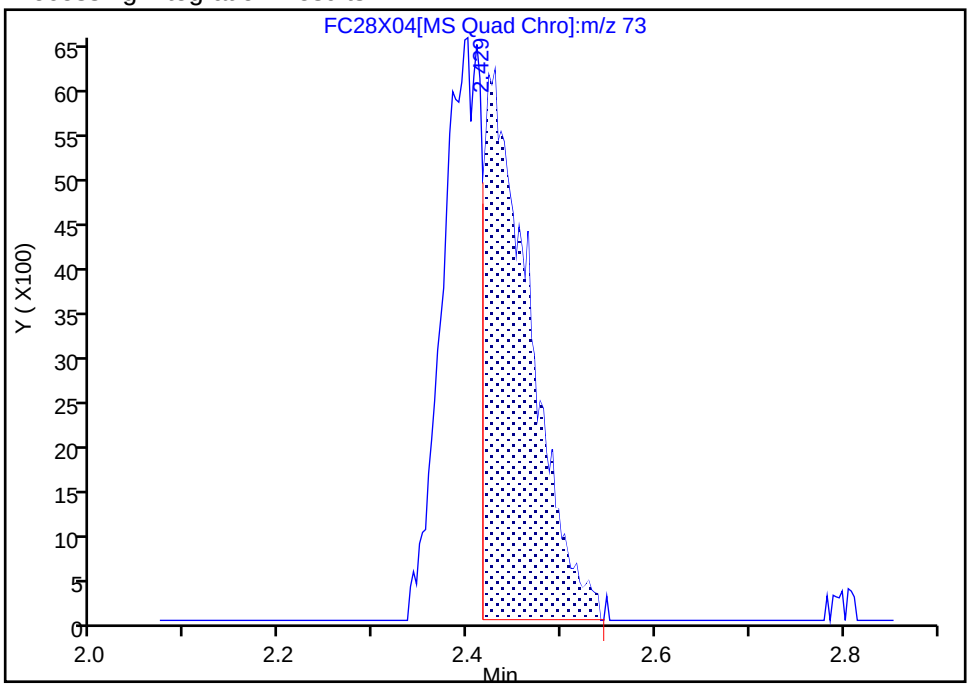
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

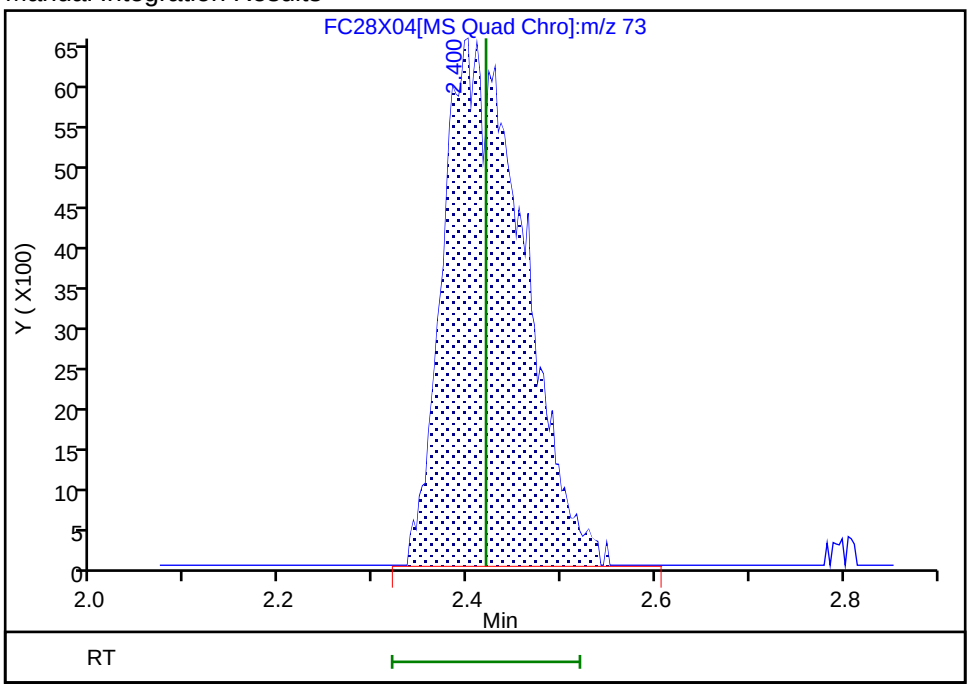
Processing Integration Results

RT: 2.43
Area: 20765
Amount: 2.517716
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 38405
Amount: 4.326078
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:41:02 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

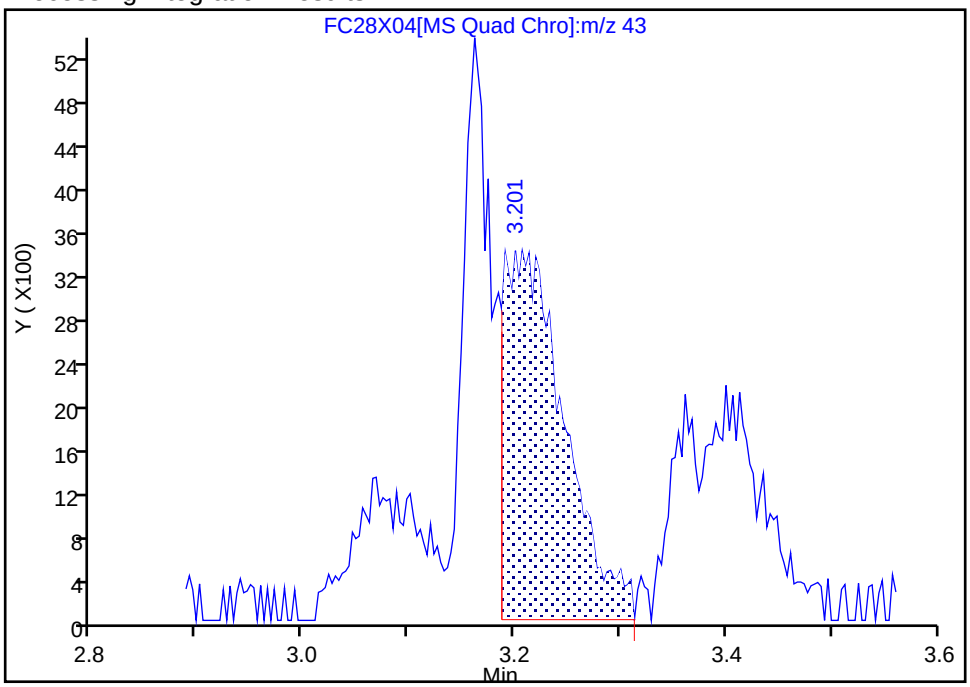
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D				
Injection Date:	28-Oct-2024 16:51:55	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

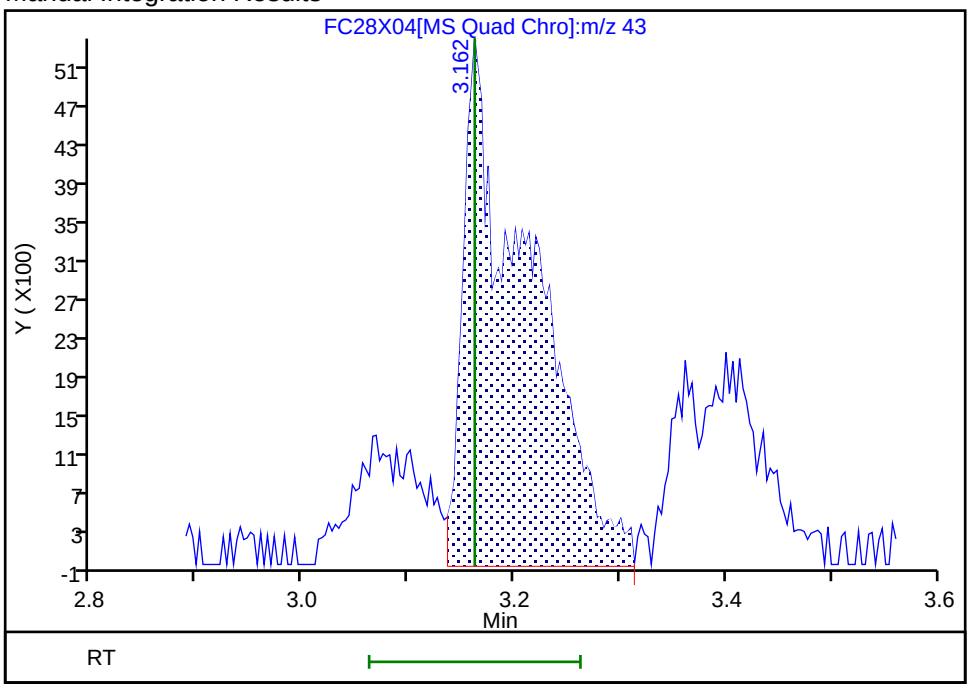
Processing Integration Results

RT: 3.20
Area: 13640
Amount: 7.065389
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 23416
Amount: 8.574788
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:41:20 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

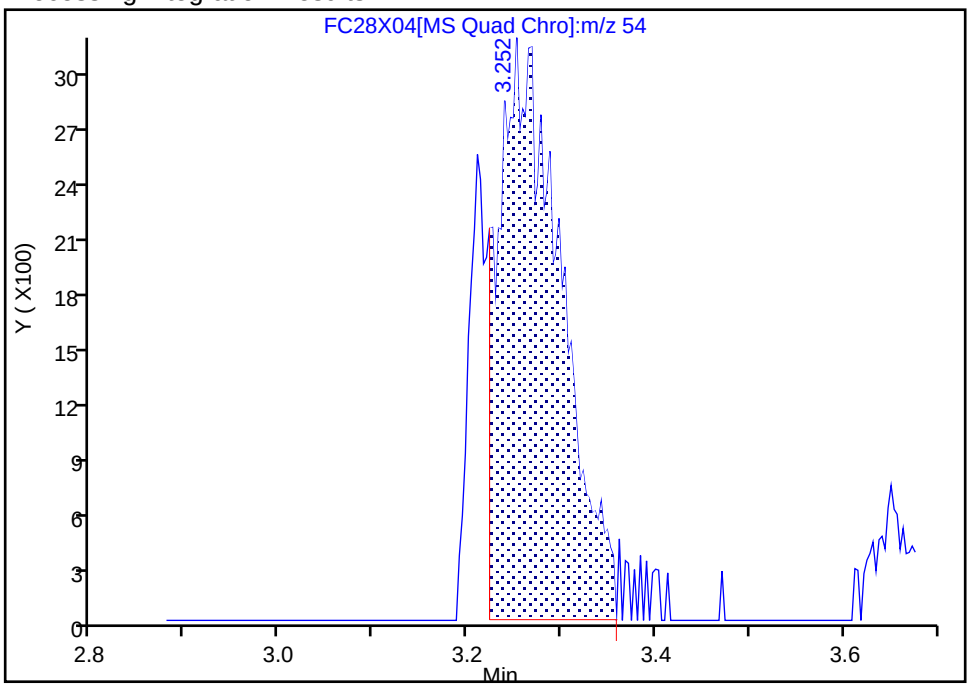
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

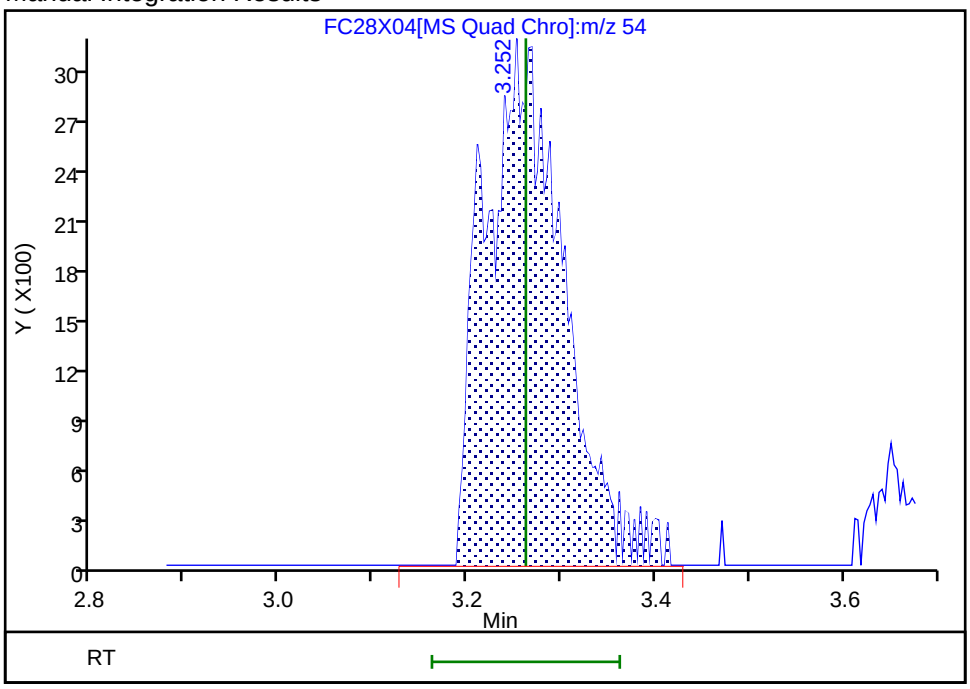
Processing Integration Results

RT: 3.25
Area: 14438
Amount: 19.777977
Amount Units: ug/l



Manual Integration Results

RT: 3.25
Area: 18144
Amount: 19.999003
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:46:38 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

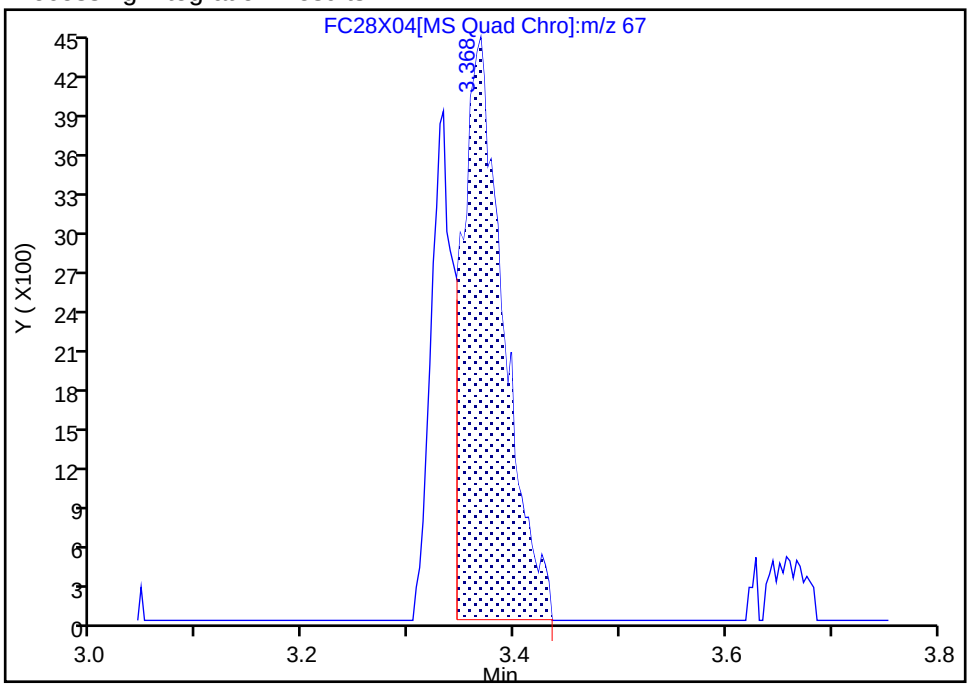
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D				
Injection Date:	28-Oct-2024 16:51:55	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

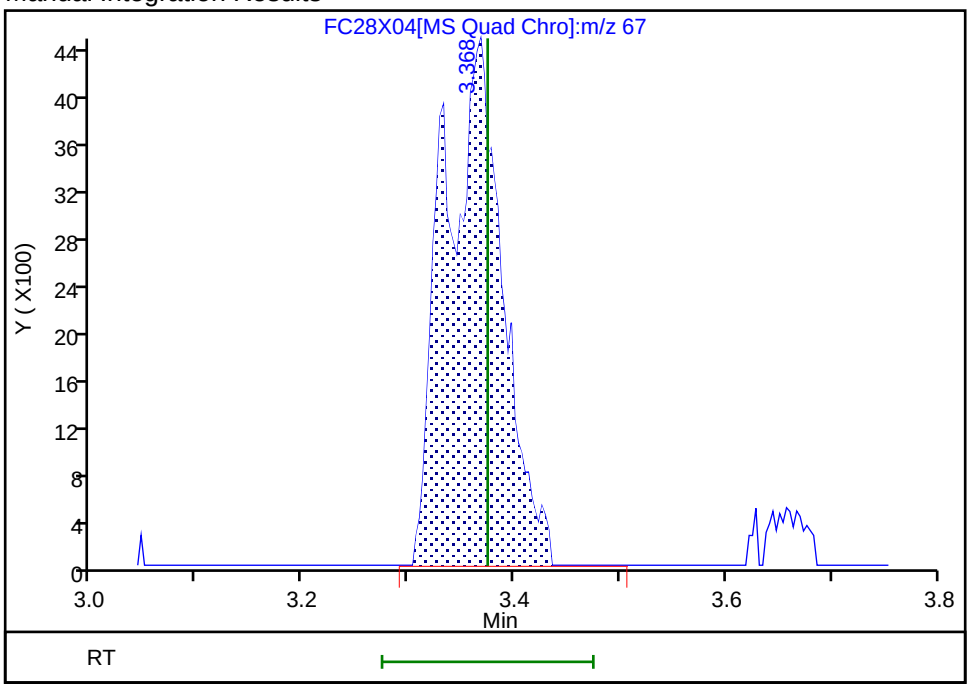
Processing Integration Results

RT: 3.37
Area: 11832
Amount: 7.698057
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 16976
Amount: 10.085975
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:46:42 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

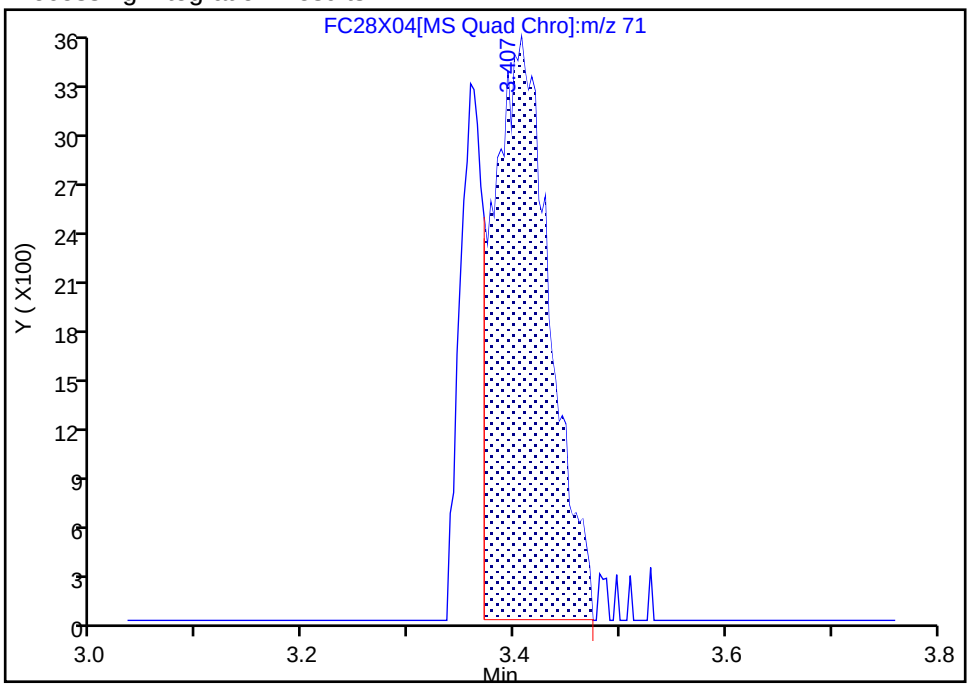
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

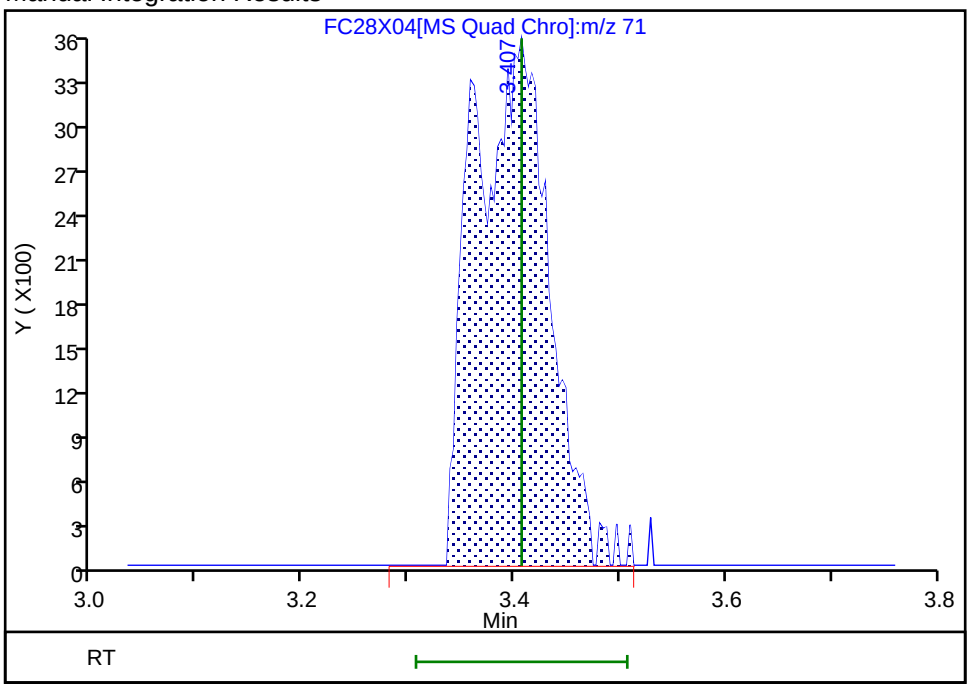
Processing Integration Results

RT: 3.41
Area: 13224
Amount: 15.411913
Amount Units: ug/l



Manual Integration Results

RT: 3.41
Area: 17883
Amount: 19.163139
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:46:47 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

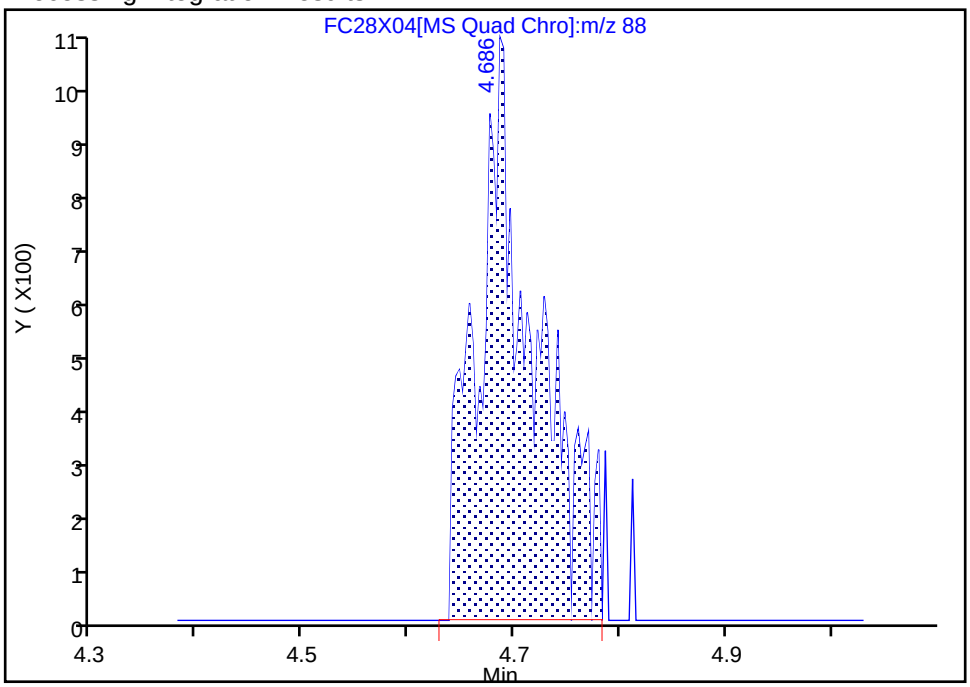
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D				
Injection Date:	28-Oct-2024 16:51:55	Instrument ID:	15830		
Lims ID:	IC v4				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

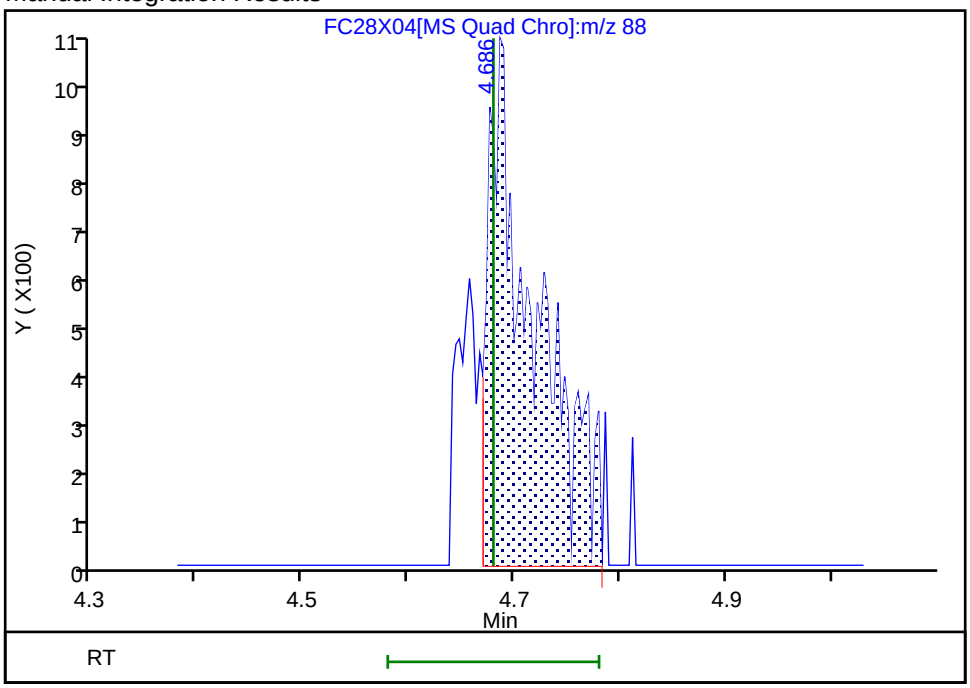
Processing Integration Results

RT: 4.69
Area: 4036
Amount: 49.544885
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 3249
Amount: 40.687643
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:47:09 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

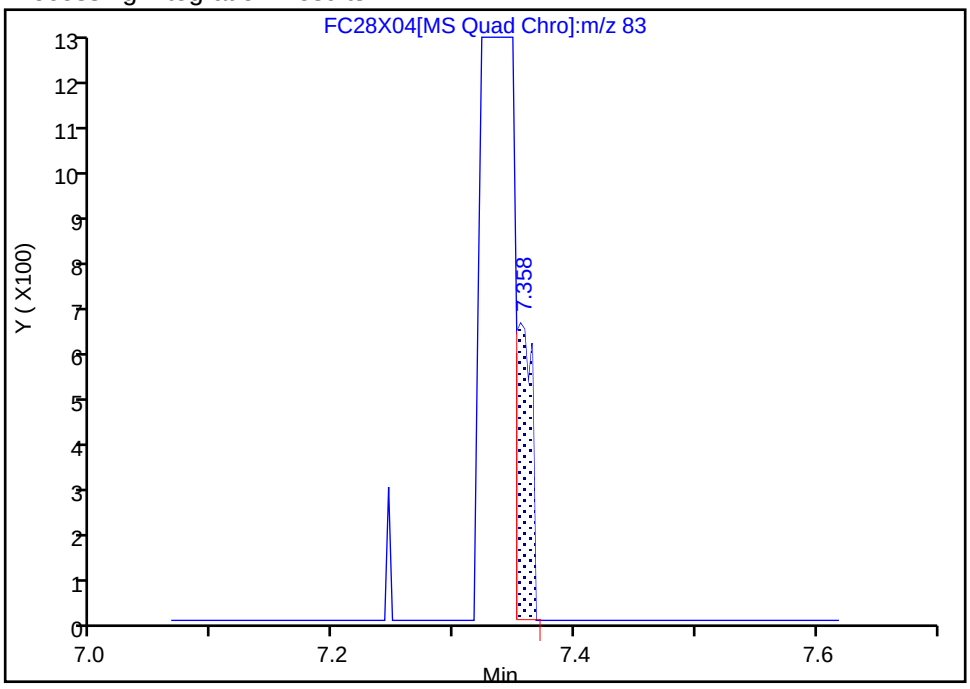
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X04.D
Injection Date: 28-Oct-2024 16:51:55 Instrument ID: 15830
Lims ID: IC v4
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

88 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

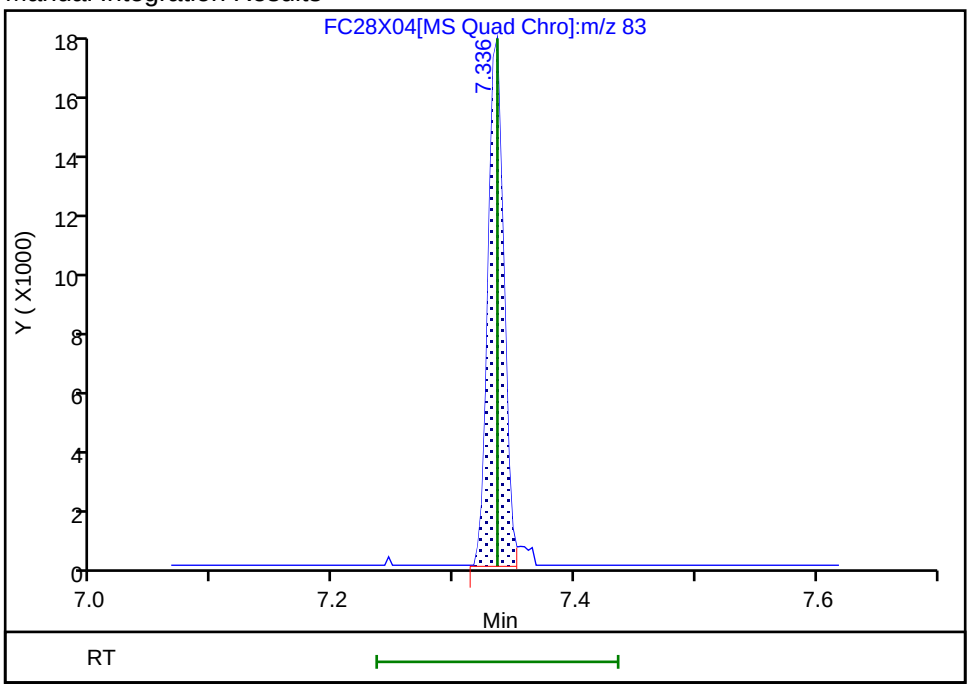
Processing Integration Results

RT: 7.36
Area: 554
Amount: 0.160687
Amount Units: ug/l



Manual Integration Results

RT: 7.34
Area: 15496
Amount: 3.892153
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:47:22 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Lims ID: IC v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 28-Oct-2024 17:11:16 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v10
Misc. Info.: 410-0129020-006
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:18 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 09:39:38

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.018	-0.007	98	51598	10.0	11.8	
2 Chloromethane	50	1.124	1.133	-0.009	99	56432	10.0	12.2	M
4 Butadiene	39	1.175	1.191	-0.016	89	55333	10.0	11.3	
3 Vinyl chloride	62	1.179	1.198	-0.019	98	44610	10.0	11.7	
5 Bromomethane	94	1.365	1.381	-0.016	92	33361	10.0	11.7	
6 Chloroethane	64	1.388	1.397	-0.009	100	26053	10.0	11.7	
8 Pentane	43	1.539	1.555	-0.016	87	52224	10.0	11.2	
16 Dichlorofluoromethane	67	1.548	1.564	-0.016	99	79037	10.0	11.3	
7 Trichlorofluoromethane	101	1.571	1.590	-0.019	94	68978	10.0	12.2	
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.757	1.760	-0.003	93	43000	10.0	11.3	
9 Acrolein	56	1.770	1.786	-0.016	100	77349	100.2	86.9	
10 1,1-Dichloroethene	96	1.854	1.870	-0.016	96	31082	10.0	11.3	
11 Acetone	58	1.896	1.889	0.007	74	11041	20.0	19.2	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.883	1.895	-0.012	92	36196	10.0	11.8	
13 Iodomethane	142	1.966	1.973	-0.007	100	66142	10.0	11.2	
15 Isopropyl alcohol	45	1.973	2.031	-0.057	39	24315	50.0	48.3	M
14 Carbon disulfide	76	2.034	2.053	-0.019	100	94359	10.0	11.2	M
18 Methyl acetate	43	2.092	2.104	-0.012	69	40829	10.0	10.7	
17 3-Chloro-1-propene	41	2.095	2.108	-0.013	85	48090	10.0	10.3	
19 Methylene Chloride	84	2.211	2.227	-0.016	83	33573	10.0	10.8	
* 20 t-Butyl alcohol-d10 (IS)	65	2.220	2.294	-0.074	93	339914	250.0	250.0	
21 2-Methyl-2-propanol	59	2.294	2.358	-0.064	50	70989	50.0	53.4	
23 Acrylonitrile	53	2.391	2.397	-0.006	99	53169	25.0	27.3	M
24 trans-1,2-Dichloroethene	96	2.407	2.416	-0.009	99	33563	10.0	11.2	
25 Methyl tert-butyl ether	73	2.420	2.420	0.000	93	96992	10.0	10.8	
26 Hexane	57	2.619	2.632	-0.013	94	39929	10.0	10.9	
27 1,1-Dichloroethane	63	2.751	2.754	-0.003	96	56615	10.0	11.2	
28 Isopropyl ether	45	2.796	2.802	-0.006	95	86566	10.0	10.8	
29 2-Chloro-1,3-butadiene	53	2.802	2.809	-0.007	92	51348	10.0	11.1	
30 Tert-butyl ethyl ether	59	3.072	3.082	-0.010	96	94681	10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.159	3.162	-0.003	98	52679	20.0	19.1	M
31 cis-1,2-Dichloroethene	96	3.195	3.204	-0.009	82	37950	10.0	11.0	
33 2,2-Dichloropropane	77	3.220	3.227	-0.007	89	55405	10.0	11.2	
34 Propionitrile	54	3.249	3.262	-0.013	63	46498	50.0	53.6	M
35 Methacrylonitrile	67	3.365	3.375	-0.009	93	44219	25.0	26.0	M
36 Chlorobromomethane	128	3.381	3.391	-0.010	93	19315	10.0	11.1	
37 Tetrahydrofuran	71	3.407	3.407	0.000	88	45096	50.0	50.6	M
39 Chloroform	83	3.477	3.484	-0.007	93	59026	10.0	10.9	
40 1,1,1-Trichloroethane	97	3.593	3.606	-0.013	77	55561	10.0	11.0	
$ 41 Dibromofluoromethane (Surr)	113	3.603	3.609	-0.006	93	168570	50.0	51.9	
42 Cyclohexane	56	3.661	3.661	0.000	89	56270	10.0	11.0	
43 Carbon tetrachloride	117	3.725	3.725	0.000	87	48678	10.0	11.0	
44 1,1-Dichloropropene	75	3.719	3.728	-0.009	94	42801	10.0	11.0	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.867	3.873	-0.006	72	38371	50.0	50.9	
45 Isobutyl alcohol	41	3.841	3.876	-0.035	94	39521	125.0	117.3	
47 Benzene	78	3.876	3.883	-0.007	95	116194	10.0	11.0	
48 1,2-Dichloroethane	62	3.924	3.934	-0.010	98	41601	10.0	10.3	
49 Tert-amyl methyl ether	73	4.008	4.008	0.000	98	92875	10.0	10.8	
* 50 Fluorobenzene (IS)	96	4.127	4.133	-0.006	99	539806	50.0	50.0	
51 n-Heptane	43	4.146	4.149	-0.003	89	18821	10.0	9.79	a
52 n-Butanol	56	4.381	4.381	0.000	88	36208	125.0	128.3	
53 Trichloroethene	95	4.429	4.429	0.000	96	29659	10.0	10.6	
54 Methylcyclohexane	83	4.612	4.616	-0.004	89	59325	10.0	11.3	
55 1,2-Dichloropropane	63	4.638	4.641	-0.003	93	24492	10.0	10.5	M
56 2-ethoxy-2-methyl butane	87	4.657	4.661	-0.004	94	49487	10.0	10.7	
58 1,4-Dioxane	88	4.683	4.680	0.003	85	9487	125.0	124.3	M
59 Methyl methacrylate	69	4.699	4.699	0.000	90	21453	10.0	9.92	
57 Dibromomethane	93	4.703	4.712	-0.010	95	18674	10.0	10.4	
60 Dichlorobromomethane	83	4.863	4.870	-0.007	98	32681	10.0	10.1	
61 2-Nitropropane	41	5.040	5.040	0.000	99	71883	50.0	49.6	
62 2-Chloroethyl vinyl ether	63	5.111	5.111	0.000	92	15452	10.0	10.4	
63 cis-1,3-Dichloropropene	75	5.227	5.233	-0.006	95	34421	10.0	9.97	
64 4-Methyl-2-pentanone (MIBK)	43	5.371	5.384	-0.013	96	85158	20.0	19.3	
$ 65 Toluene-d8 (Surr)	98	5.445	5.452	-0.007	93	468703	50.0	49.5	
66 Toluene	92	5.503	5.509	-0.006	98	59990	10.0	10.4	
67 trans-1,3-Dichloropropene	75	5.709	5.709	0.000	94	30577	10.0	10.0	
68 Ethyl methacrylate	69	5.770	5.776	-0.006	87	36409	10.0	10.5	
69 1,1,2-Trichloroethane	97	5.854	5.857	-0.003	93	20460	10.0	10.4	
70 Tetrachloroethene	166	5.902	5.905	-0.003	98	30345	10.0	10.5	
71 1,3-Dichloropropane	76	5.969	5.969	0.000	91	32944	10.0	10.4	
73 2-Hexanone	43	6.027	6.027	0.000	96	62127	20.0	19.8	
74 Chlorodibromomethane	129	6.120	6.120	0.000	90	23399	10.0	10.0	
S 72 1,2-Dichloroethene, Total	100				0			22.2	
75 Ethylene Dibromide	107	6.188	6.191	-0.003	97	22914	10.0	10.5	
* 76 Chlorobenzene-d5 (IS)	117	6.510	6.509	0.001	85	350081	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	97	68730	10.0	10.6	
78 1-Chlorohexane	91	6.538	6.538	0.000	95	33520	10.0	10.7	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	95	30682	10.0	10.6	
80 Ethylbenzene	91	6.600	6.603	-0.003	98	128287	10.0	10.7	
81 m-Xylene & p-Xylene	106	6.686	6.689	-0.003	99	100892	20.0	21.3	
82 o-Xylene	106	6.924	6.924	0.000	96	55084	10.0	10.8	
83 Styrene	104	6.937	6.937	0.000	95	75561	10.0	10.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.040	7.040	0.000	96	18408	10.0	10.4	
85 Isopropylbenzene	105	7.146	7.149	-0.003	95	136006	10.0	10.9	
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	92	185571	50.0	51.1	
87 Bromobenzene	156	7.320	7.320	0.000	91	31246	10.0	10.2	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	96	40851	10.0	10.2	a
89 trans-1,4-Dichloro-2-butene	53	7.355	7.355	0.000	95	26875	25.0	25.5	
90 1,2,3-Trichloropropane	110	7.362	7.361	0.001	87	14052	10.0	10.1	
91 N-Propylbenzene	91	7.387	7.390	-0.003	98	158504	10.0	10.4	
92 2-Chlorotoluene	126	7.432	7.435	-0.003	97	34681	10.0	10.6	
93 1,3,5-Trimethylbenzene	105	7.493	7.497	-0.004	95	123508	10.0	10.4	
94 4-Chlorotoluene	126	7.503	7.506	-0.003	99	31656	10.0	10.6	
95 tert-Butylbenzene	134	7.667	7.667	0.000	93	24141	10.0	10.1	
96 1,2,4-Trimethylbenzene	105	7.699	7.702	-0.003	97	125253	10.0	10.5	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	148359	10.0	10.4	
98 1,3-Dichlorobenzene	146	7.847	7.850	-0.003	98	62446	10.0	10.6	
99 4-Isopropyltoluene	119	7.873	7.876	-0.003	97	134120	10.0	10.6	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	93	224942	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	95	61764	10.0	10.4	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	98	127608	10.0	10.4	
103 Benzyl chloride	91	7.966	7.966	0.000	98	87085	10.0	10.3	
104 1,3-Diethylbenzene	119	8.024	8.027	-0.003	95	74865	10.0	10.6	
105 p-Diethylbenzene	119	8.075	8.079	-0.003	94	77908	10.0	10.7	
106 n-Butylbenzene	92	8.091	8.091	0.000	98	59417	10.0	10.9	
107 1,2-Dichlorobenzene	146	8.095	8.095	0.000	98	64397	10.0	10.6	
108 o-diethylbenzene	119	8.127	8.127	0.000	95	62600	10.0	10.5	
109 1,2-Dibromo-3-Chloropropane	75	8.500	8.503	-0.003	88	15576	10.0	10.0	
110 1,3,5-Trichlorobenzene	180	8.596	8.599	-0.003	97	46451	10.0	10.5	
111 1,2,4-Trichlorobenzene	180	8.915	8.914	0.001	94	46907	10.0	10.5	
112 Hexachlorobutadiene	225	8.989	8.988	0.000	98	16017	10.0	10.3	
113 Naphthalene	128	9.046	9.046	0.000	97	198836	10.0	10.6	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	95	48860	10.0	10.5	
115 2-Methylnaphthalene	142	9.599	9.599	0.000	92	103156	10.0	10.1	
S 137 1,3-Dichloropropene, Total	100				0			20.0	
S 138 Xylenes, Total	106				0			32.1	
S 139 Total Diethylbenzene	1				0			31.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00207	Amount Added:	2.00	Units: uL	
MSV_CCV_GASES_00905	Amount Added:	1.00	Units: uL	
MSV_CCV_VOC#3_00205	Amount Added:	1.60	Units: uL	
MSV_CCV_2CEVE_00199	Amount Added:	2.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

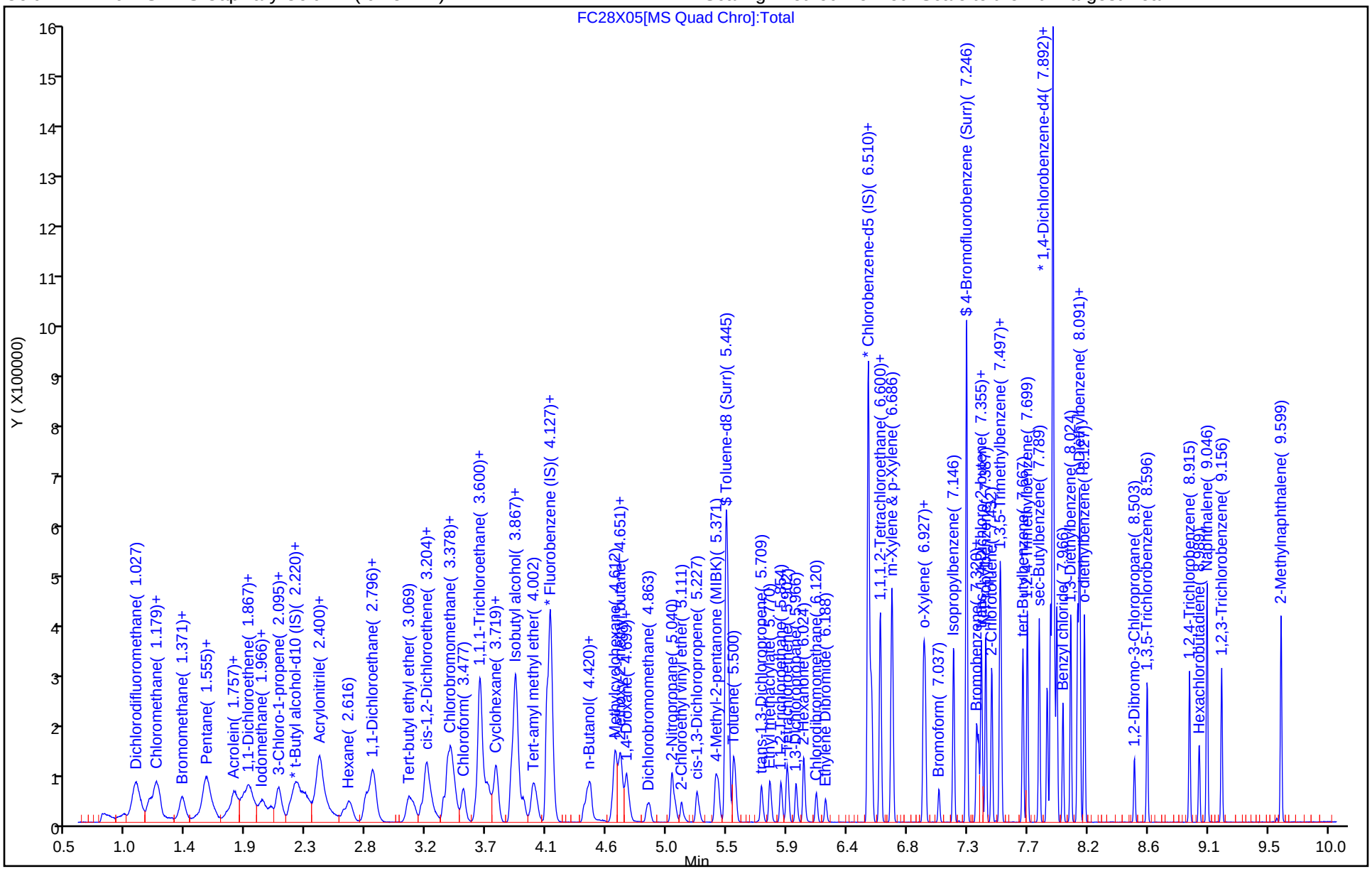
Report Date: 30-Oct-2024 14:31:19 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D

Injection Date:	28-Oct-2024 17:11:16	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	IC v10			Worklist Smp#:	6
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

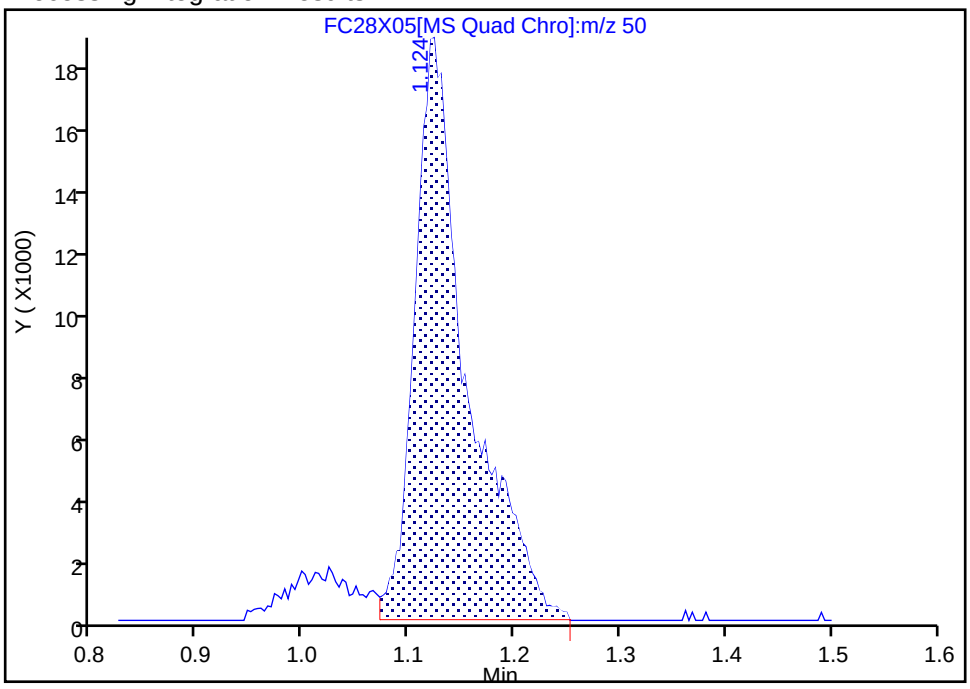
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

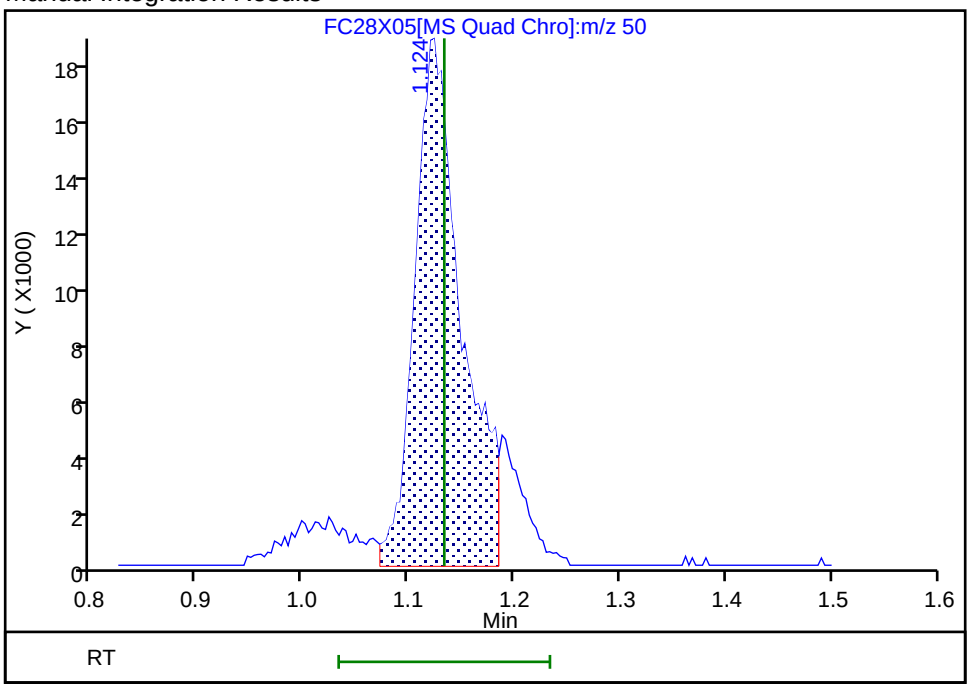
Processing Integration Results

RT: 1.12
Area: 63365
Amount: 13.131957
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 56432
Amount: 12.171331
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:37:44 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

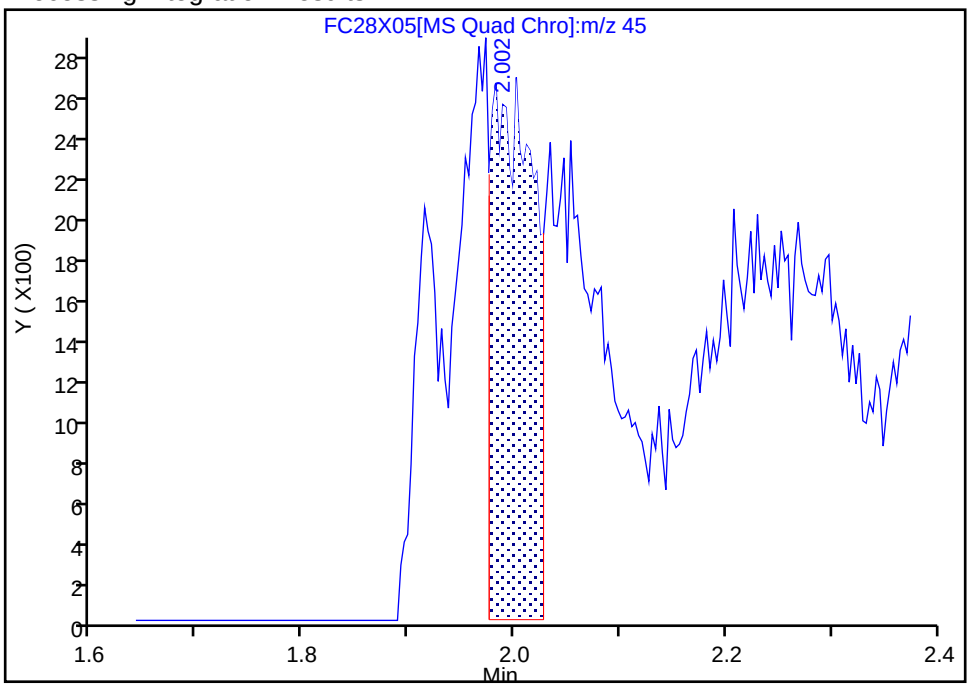
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

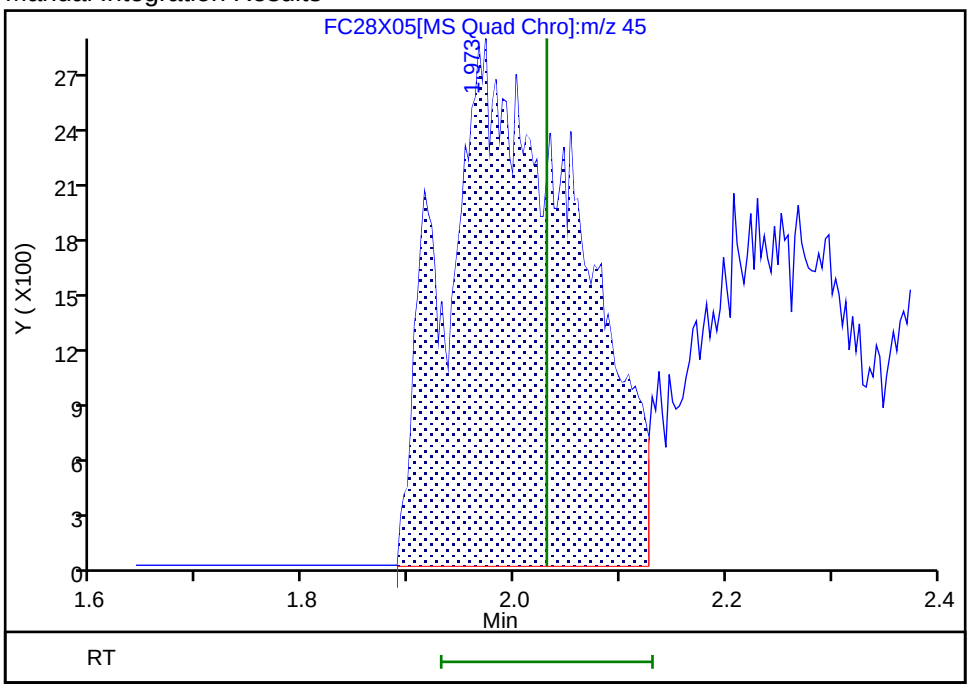
Processing Integration Results

RT: 2.00
Area: 7380
Amount: 19.928384
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 24315
Amount: 48.275104
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:18:41 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

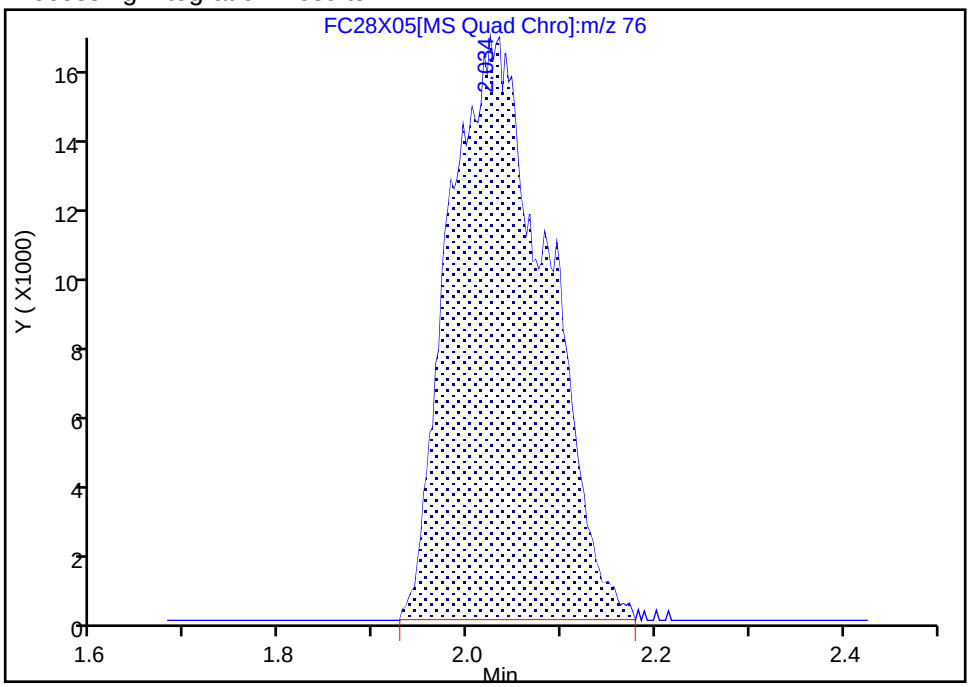
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

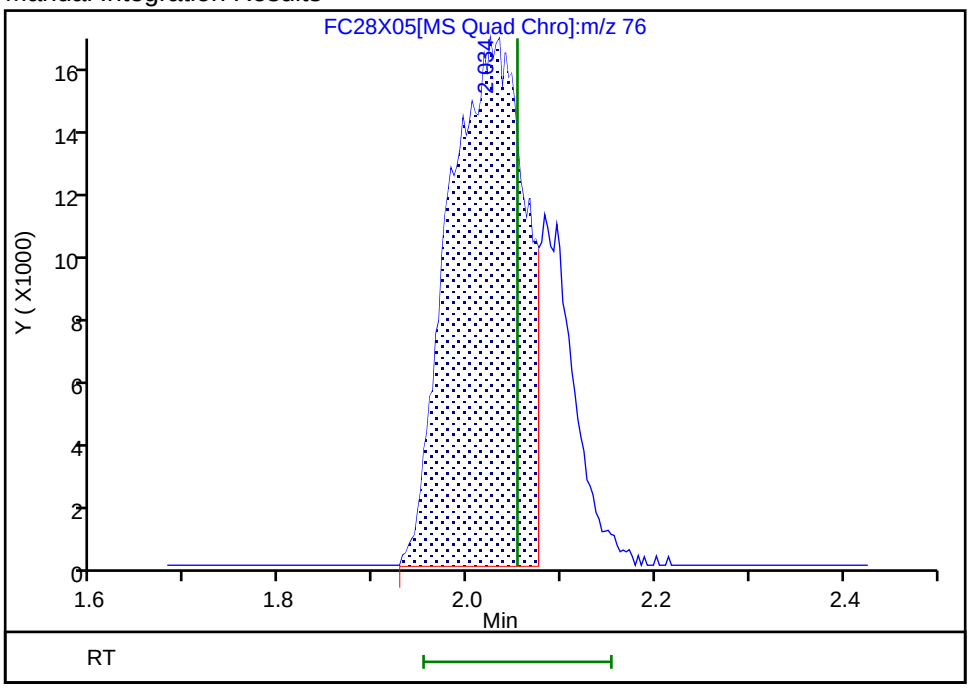
Processing Integration Results

RT: 2.03
Area: 121147
Amount: 14.916385
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 94359
Amount: 11.182270
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:38:08 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

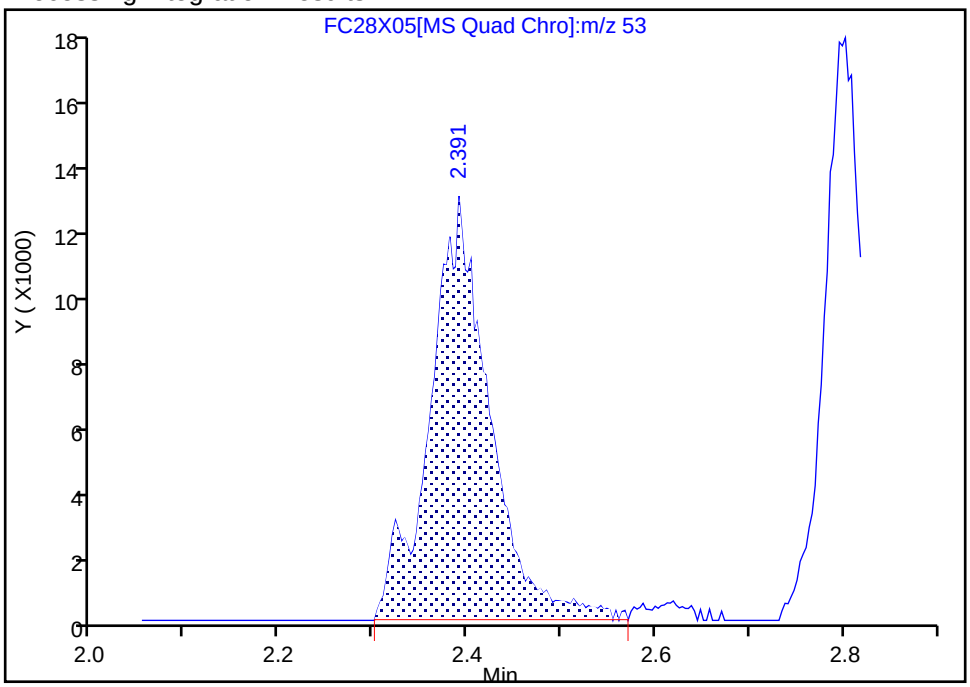
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

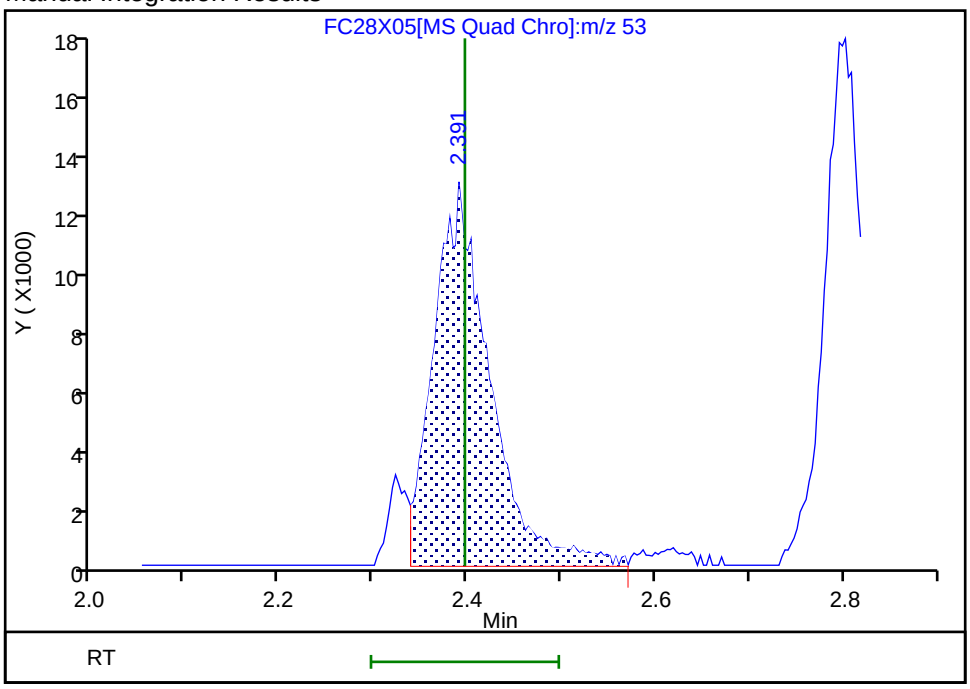
Processing Integration Results

RT: 2.39
Area: 57125
Amount: 28.598557
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 53169
Amount: 27.329097
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 13:59:42 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

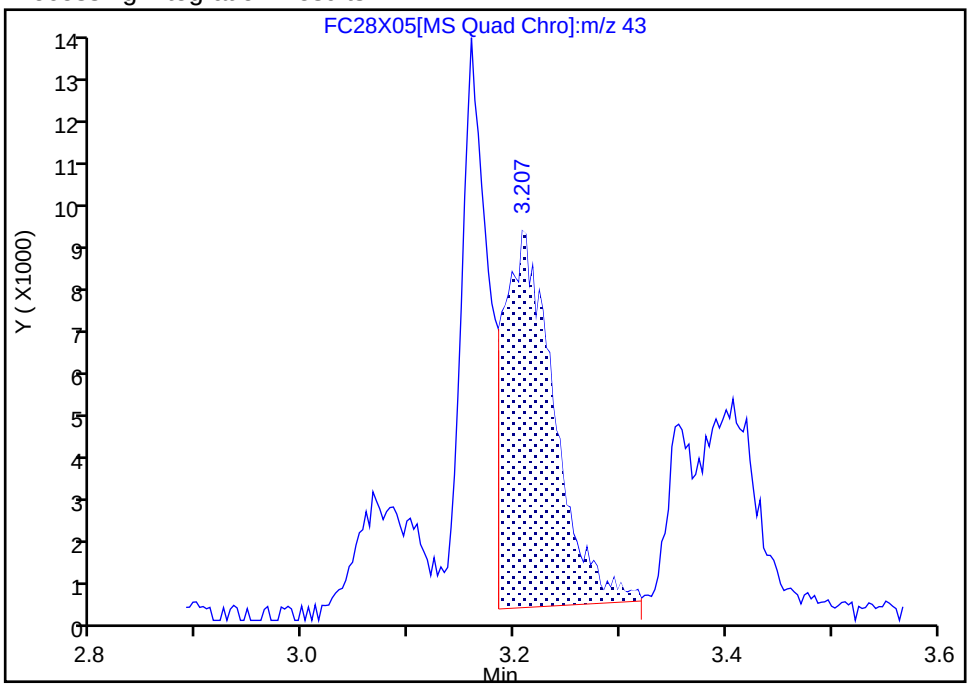
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D				
Injection Date:	28-Oct-2024 17:11:16	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

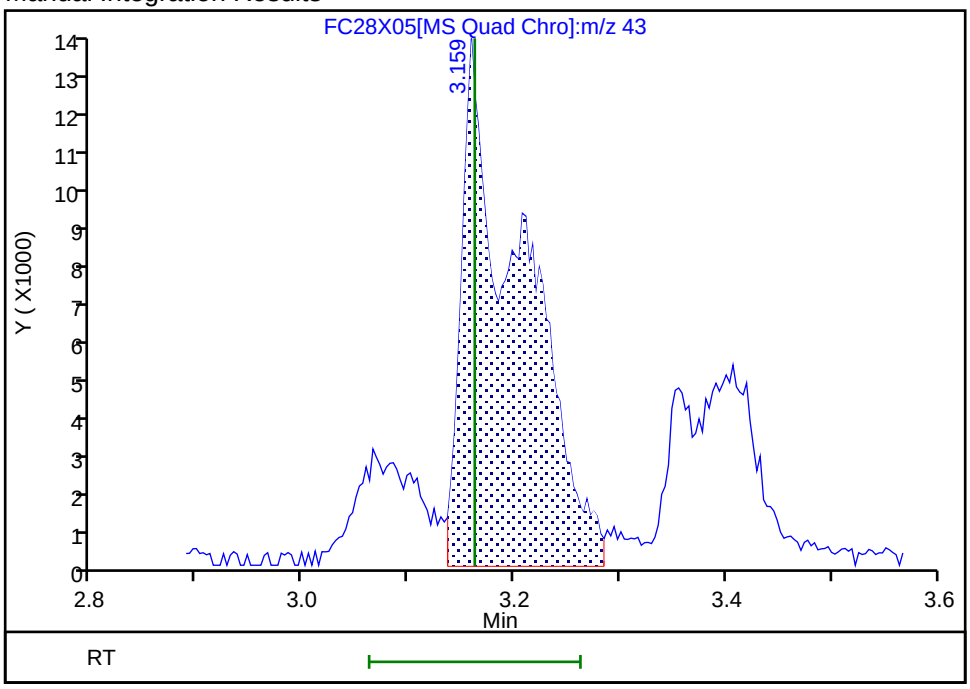
Processing Integration Results

RT: 3.21
Area: 28699
Amount: 14.601848
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 52679
Amount: 19.093266
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:19:18 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

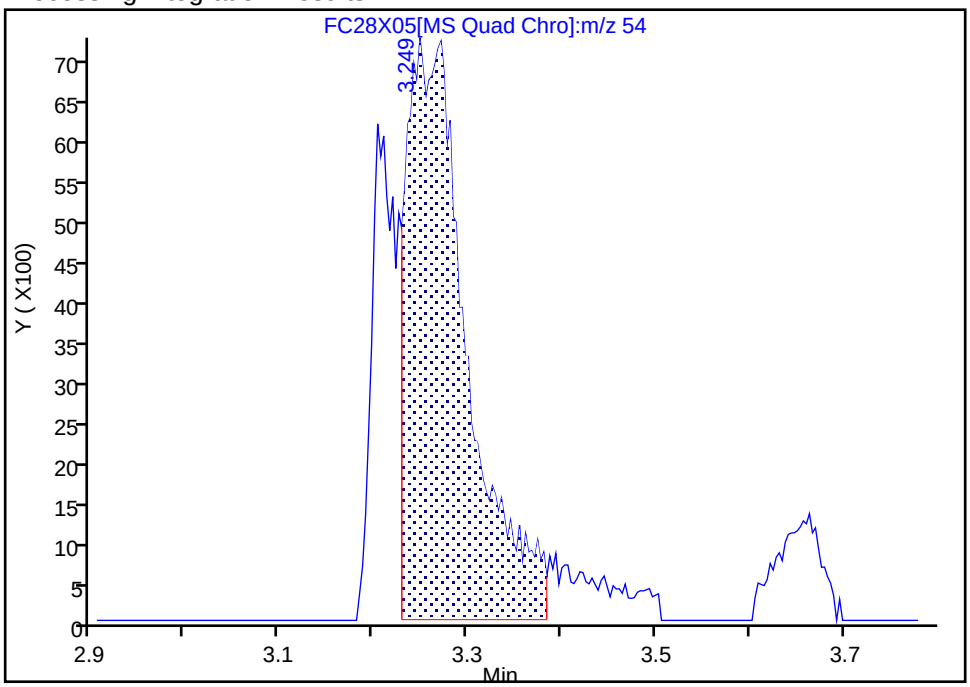
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

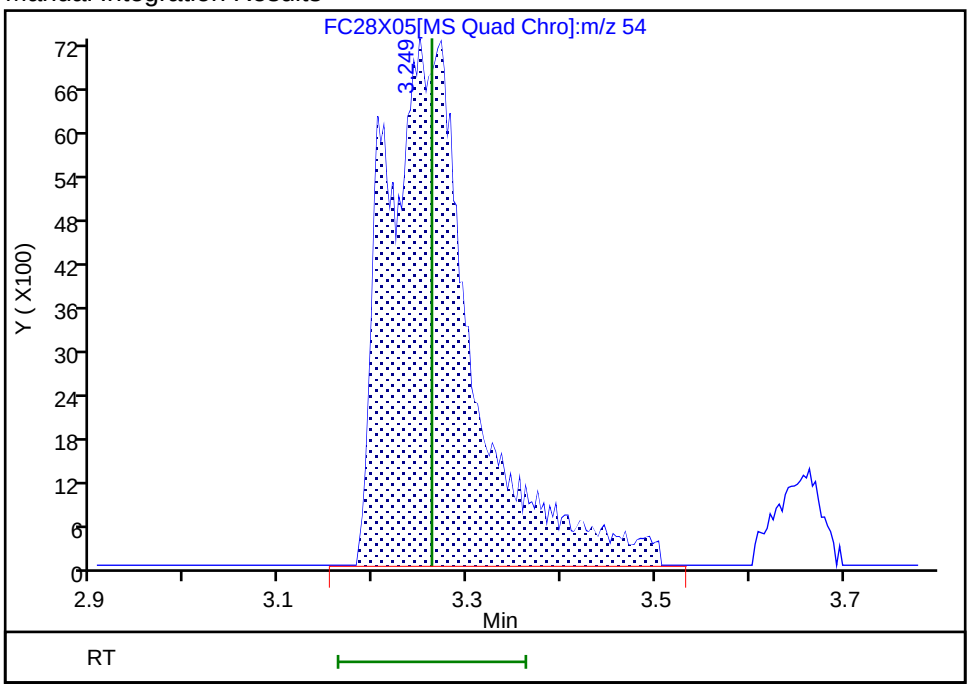
RT: 3.25
Area: 32434
Amount: 41.095959
Amount Units: ug/l

Processing Integration Results



Manual Integration Results

RT: 3.25
Area: 46498
Amount: 53.614258
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:38:35 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

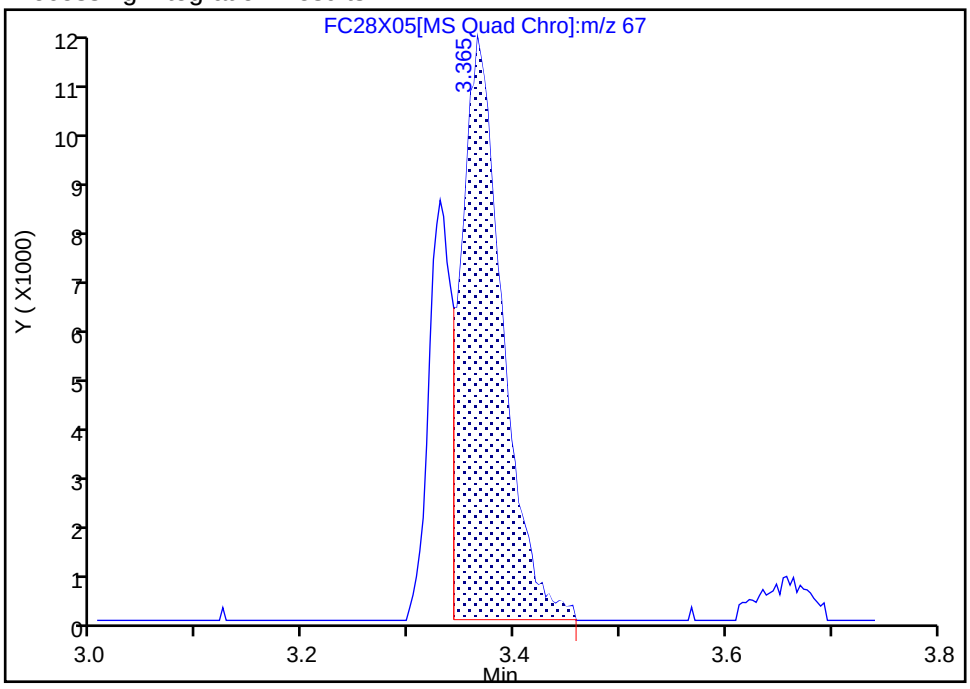
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D				
Injection Date:	28-Oct-2024 17:11:16	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

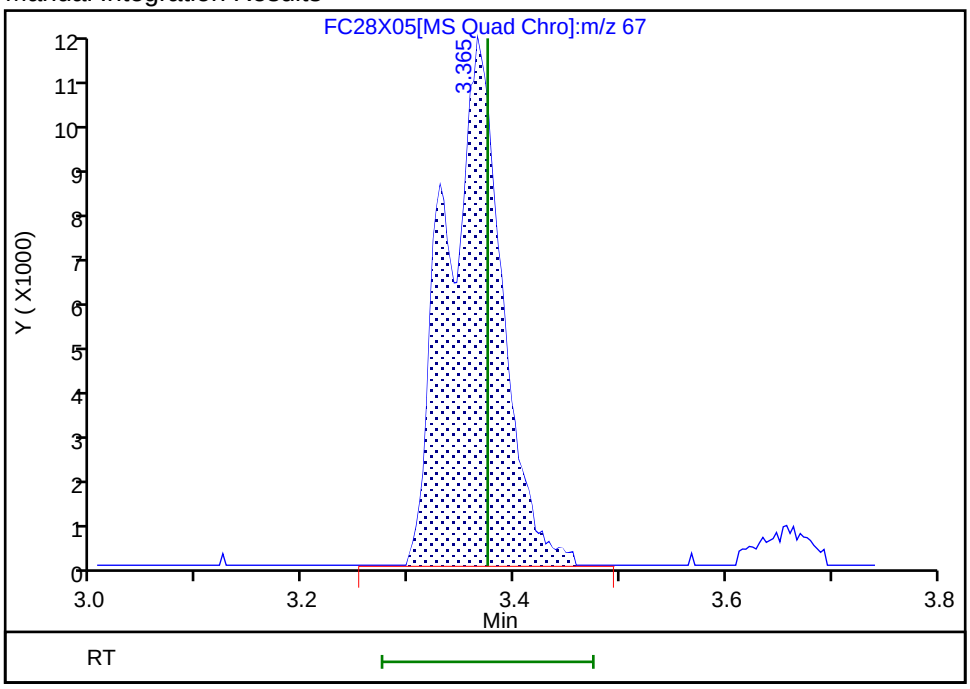
Processing Integration Results

RT: 3.36
Area: 32452
Amount: 21.843411
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 44219
Amount: 26.003000
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:38:40 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

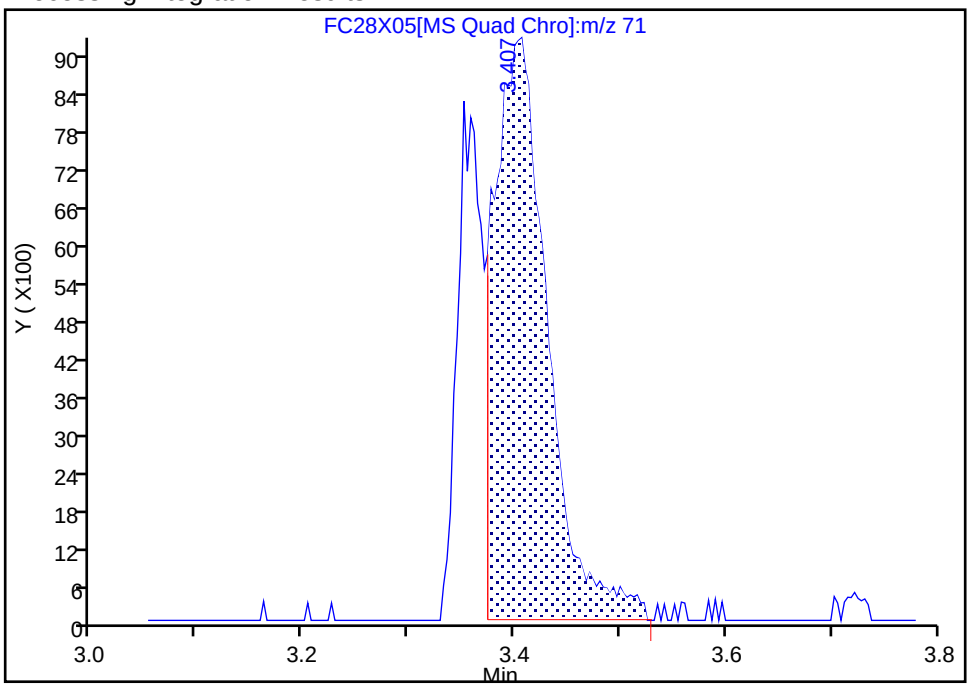
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D				
Injection Date:	28-Oct-2024 17:11:16	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

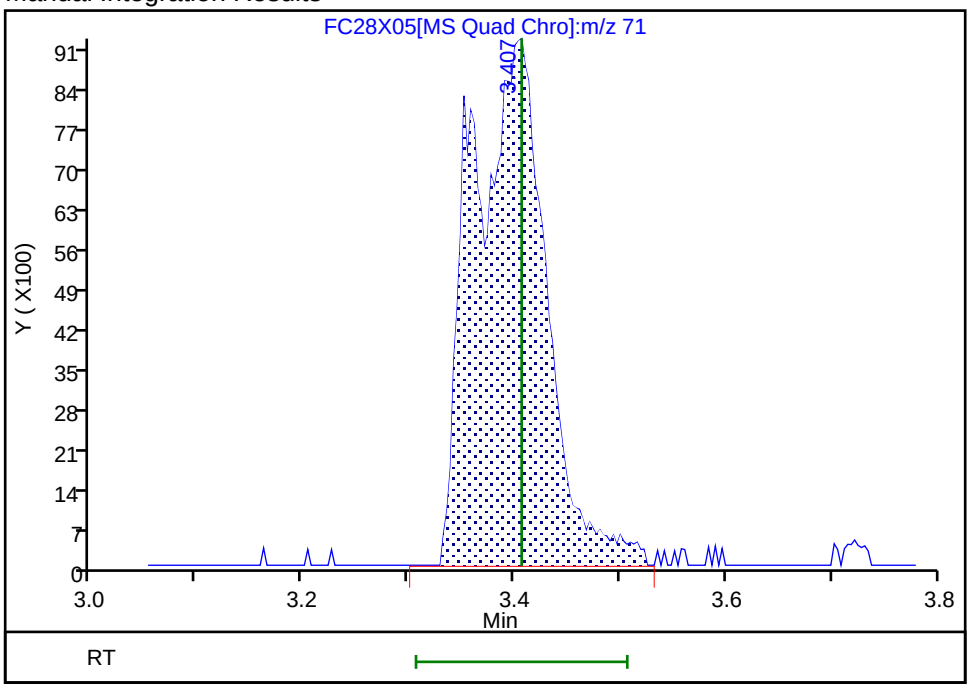
Processing Integration Results

RT: 3.41
Area: 32232
Amount: 41.139763
Amount Units: ug/l



Manual Integration Results

RT: 3.41
Area: 45096
Amount: 50.551611
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:38:47 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

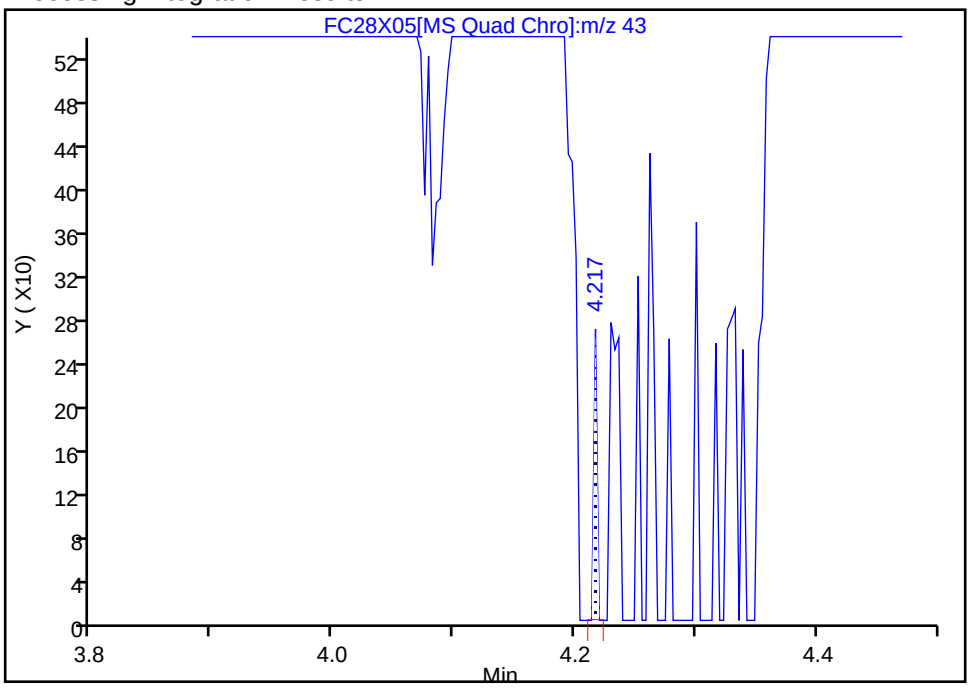
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D				
Injection Date:	28-Oct-2024 17:11:16	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

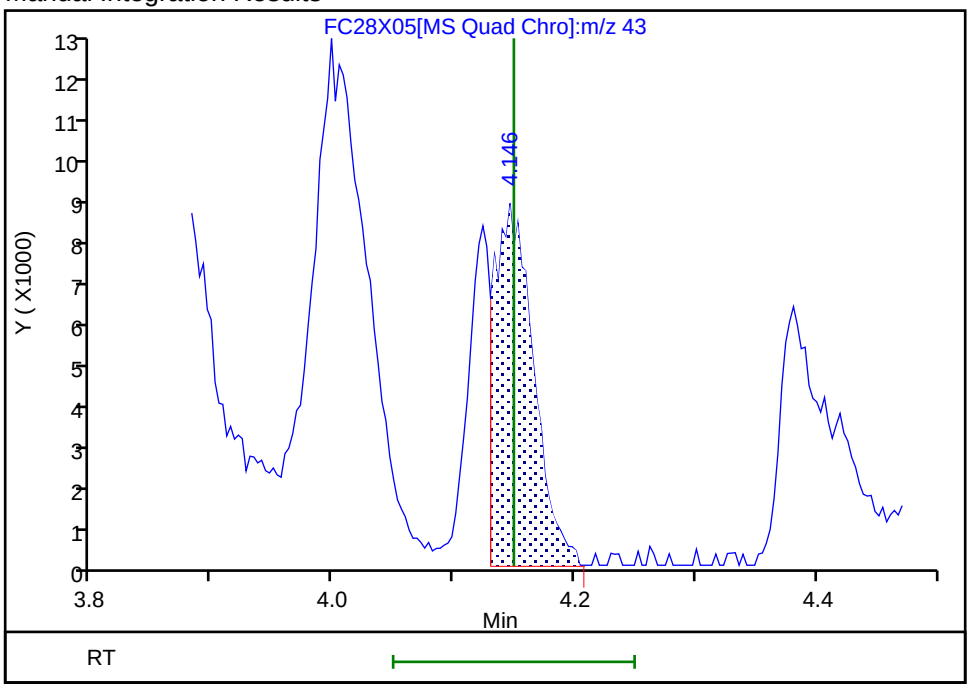
Processing Integration Results

RT: 4.22
Area: 52
Amount: 0.035085
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 18821
Amount: 9.793302
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:38:57 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

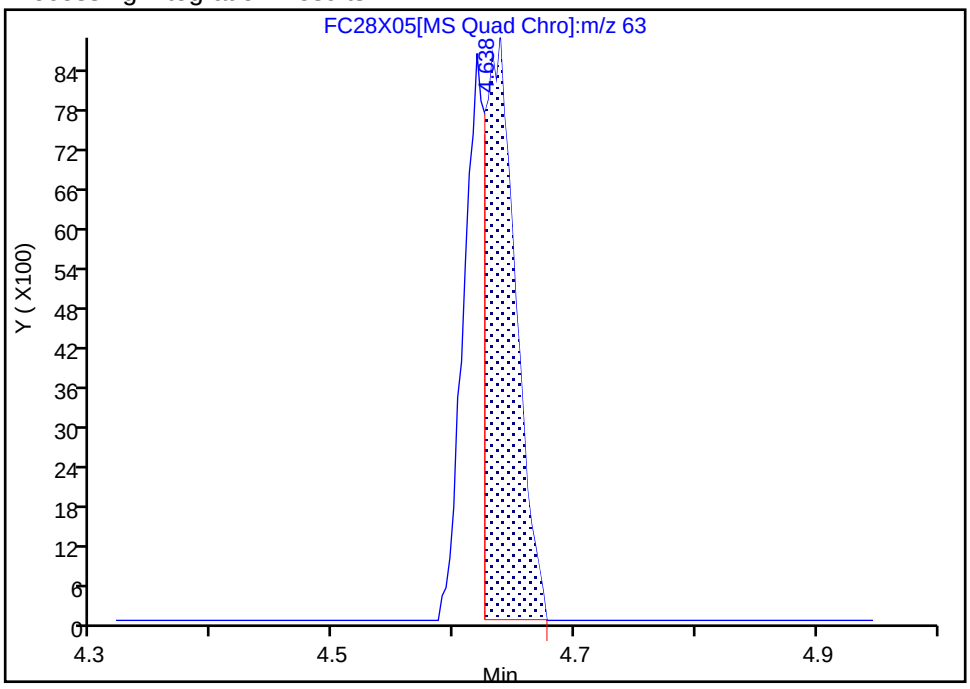
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D				
Injection Date:	28-Oct-2024 17:11:16	Instrument ID:	15830		
Lims ID:	IC v10				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	6
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

55 1,2-Dichloropropane, CAS: 78-87-5

Signal: 1

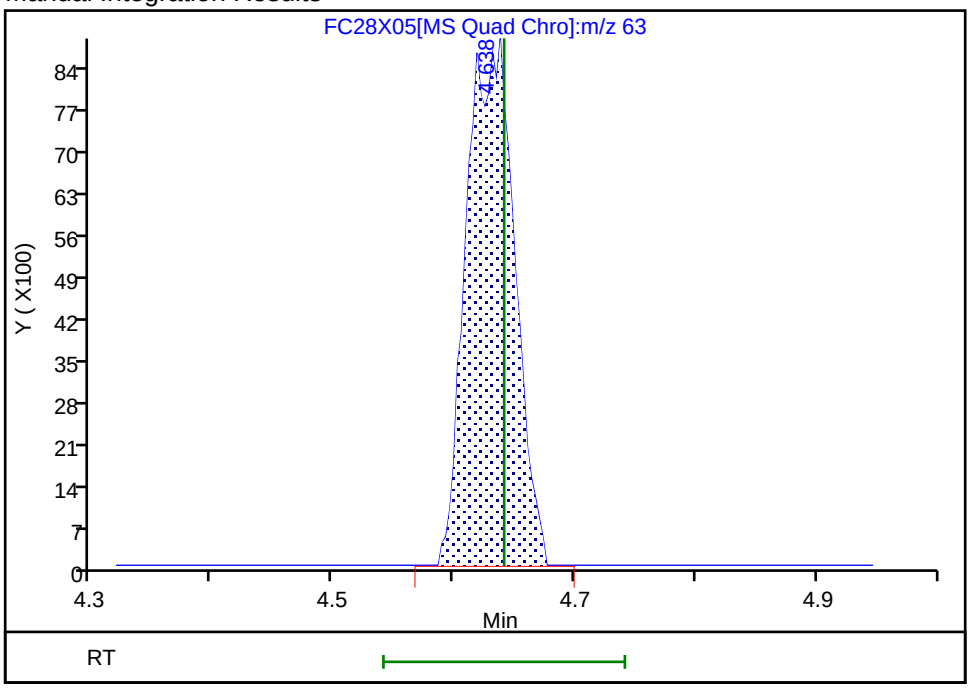
Processing Integration Results

RT: 4.64
Area: 15410
Amount: 7.007445
Amount Units: ug/l



Manual Integration Results

RT: 4.64
Area: 24492
Amount: 10.481211
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:39:06 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

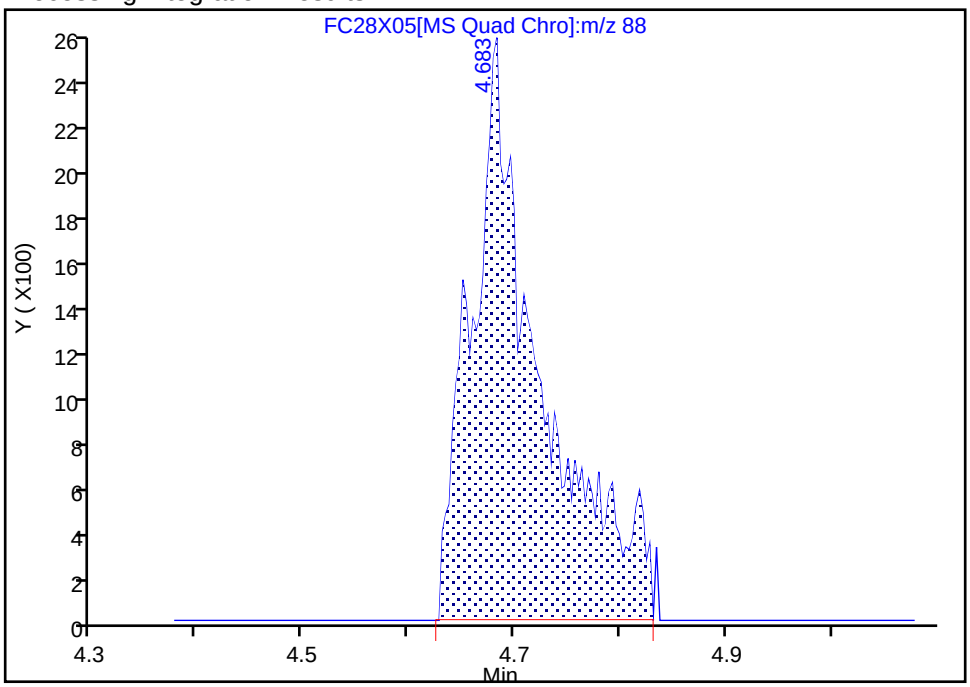
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

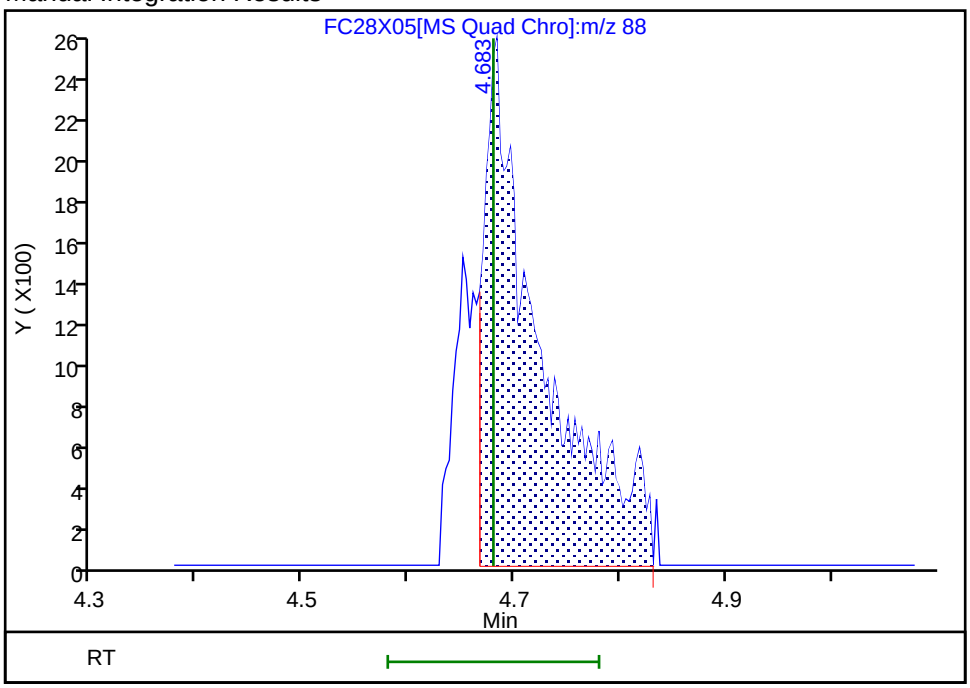
Processing Integration Results

RT: 4.68
Area: 11637
Amount: 144.1316
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 9487
Amount: 124.2832
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:39:11 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

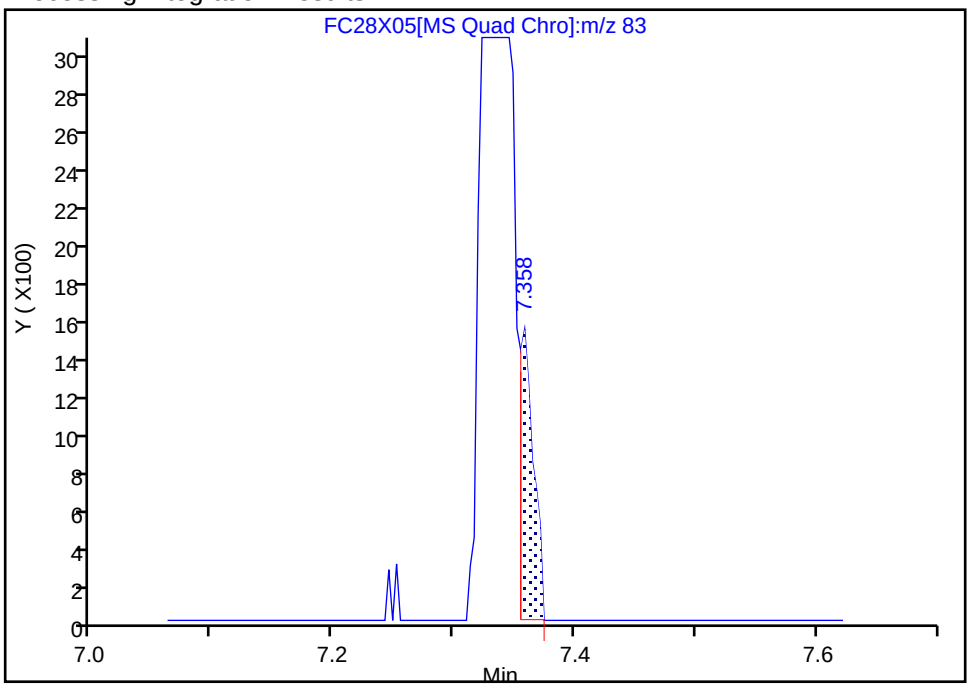
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X05.D
Injection Date: 28-Oct-2024 17:11:16 Instrument ID: 15830
Lims ID: IC v10
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 6
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

88 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

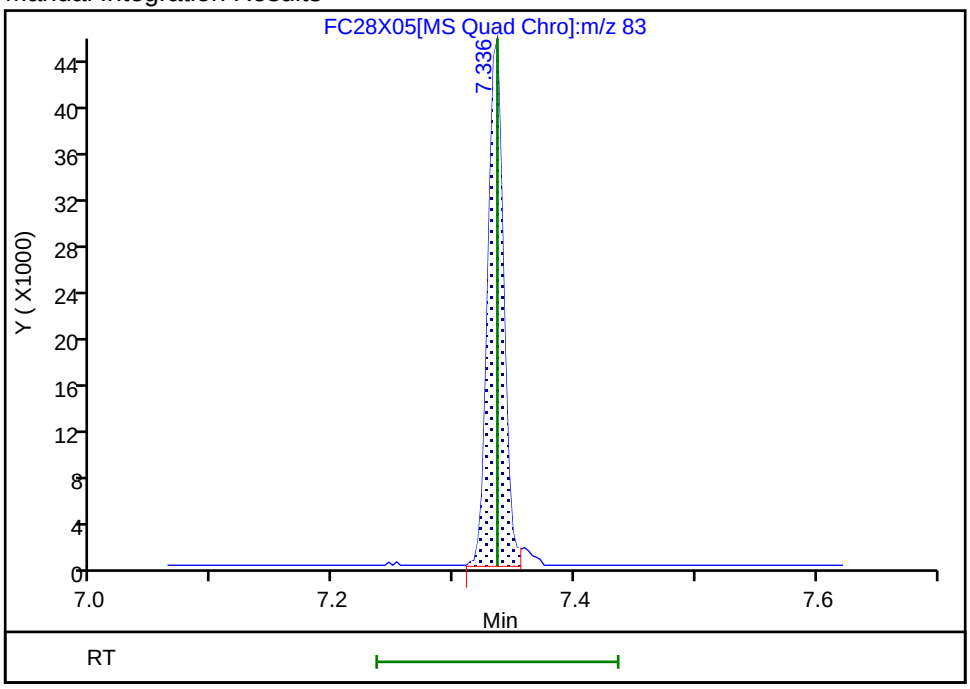
Processing Integration Results

RT: 7.36
Area: 1181
Amount: 0.406932
Amount Units: ug/l



Manual Integration Results

RT: 7.34
Area: 40851
Amount: 10.197840
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:37:36 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Lims ID: IC v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 28-Oct-2024 17:30:50 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v20
Misc. Info.: 410-0129020-007
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:22 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 08:58:41

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1	Dichlorodifluoromethane	85	1.024	1.018	0.006	97	90760	20.0	20.3	
2	Chloromethane	50	1.124	1.133	-0.009	99	97449	20.0	20.6	M
4	Butadiene	39	1.191	1.191	0.000	93	98494	20.0	19.7	
3	Vinyl chloride	62	1.188	1.198	-0.010	97	79267	20.0	20.4	
5	Bromomethane	94	1.375	1.381	-0.006	91	59910	20.0	20.6	
6	Chloroethane	64	1.391	1.397	-0.006	99	47392	20.0	20.8	
8	Pentane	43	1.542	1.555	-0.013	95	92498	20.0	19.4	
16	Dichlorofluoromethane	67	1.551	1.564	-0.013	99	141822	20.0	19.9	
7	Trichlorofluoromethane	101	1.580	1.590	-0.010	97	122587	20.0	21.2	
22	1,2-Dichloro-1,1,2-trifluoroetha	67	1.754	1.760	-0.006	95	77043	20.0	19.8	
9	Acrolein	56	1.773	1.786	-0.013	99	159914	200.4	171.1	
10	1,1-Dichloroethene	96	1.850	1.870	-0.020	98	59383	20.0	21.1	
11	Acetone	58	1.863	1.889	-0.026	62	22997	40.0	38.1	
12	1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.895	-0.009	92	67171	20.0	21.5	
13	Iodomethane	142	1.969	1.973	-0.004	99	127828	20.0	21.2	
15	Isopropyl alcohol	45	1.966	2.031	-0.064	94	54182	100.0	102.4	Ma
14	Carbon disulfide	76	2.043	2.053	-0.010	99	173120	20.0	20.1	M
18	Methyl acetate	43	2.101	2.104	-0.003	94	80928	20.0	20.8	
17	3-Chloro-1-propene	41	2.095	2.108	-0.013	87	93262	20.0	19.6	
19	Methylene Chloride	84	2.214	2.227	-0.013	90	66420	20.0	21.0	
* 20	t-Butyl alcohol-d10 (IS)	65	2.304	2.294	0.010	88	357004	250.0	250.0	
21	2-Methyl-2-propanol	59	2.381	2.358	0.023	92	144441	100.0	103.4	
23	Acrylonitrile	53	2.387	2.397	-0.010	97	103708	50.0	52.2	M
24	trans-1,2-Dichloroethene	96	2.407	2.416	-0.009	99	64952	20.0	21.2	
25	Methyl tert-butyl ether	73	2.403	2.420	-0.017	94	188703	20.0	20.6	
26	Hexane	57	2.625	2.632	-0.007	94	73319	20.0	19.6	
27	1,1-Dichloroethane	63	2.748	2.754	-0.006	96	108511	20.0	21.1	
28	Isopropyl ether	45	2.796	2.802	-0.006	90	169135	20.0	20.8	
29	2-Chloro-1,3-butadiene	53	2.802	2.809	-0.007	94	99357	20.0	21.0	
30	Tert-butyl ethyl ether	59	3.079	3.082	-0.003	97	190004	20.0	21.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.162	3.162	0.000	99	107856	40.0	38.3	M
31 cis-1,2-Dichloroethene	96	3.201	3.204	-0.003	81	73592	20.0	21.0	
33 2,2-Dichloropropane	77	3.214	3.227	-0.013	88	106221	20.0	21.1	
34 Propionitrile	54	3.268	3.262	0.006	98	91797	100.0	100.8	M
35 Methacrylonitrile	67	3.365	3.375	-0.009	97	86976	50.0	50.1	M
36 Chlorobromomethane	128	3.384	3.391	-0.007	89	37471	20.0	21.2	
37 Tetrahydrofuran	71	3.403	3.407	-0.004	81	88755	100.0	94.7	M
39 Chloroform	83	3.474	3.484	-0.010	94	114827	20.0	20.8	
40 1,1,1-Trichloroethane	97	3.609	3.606	0.003	94	107085	20.0	20.8	
$ 41 Dibromofluoromethane (Surr)	113	3.603	3.609	-0.006	93	170238	50.0	51.3	
42 Cyclohexane	56	3.657	3.661	-0.004	89	104683	20.0	20.1	
43 Carbon tetrachloride	117	3.722	3.725	-0.003	83	93575	20.0	20.7	
44 1,1-Dichloropropene	75	3.722	3.728	-0.006	94	82770	20.0	20.8	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.866	3.873	-0.007	76	39264	50.0	51.0	
45 Isobutyl alcohol	41	3.834	3.876	-0.042	93	86173	250.0	243.5	
47 Benzene	78	3.879	3.883	-0.004	96	225829	20.0	21.0	
48 1,2-Dichloroethane	62	3.928	3.934	-0.006	98	81969	20.0	19.9	
49 Tert-amyl methyl ether	73	4.005	4.008	-0.003	97	181498	20.0	20.6	
* 50 Fluorobenzene (IS)	96	4.127	4.133	-0.006	98	550867	50.0	50.0	
51 n-Heptane	43	4.153	4.149	0.004	92	32374	20.0	16.5	M
52 n-Butanol	56	4.381	4.381	0.000	92	76836	250.0	259.2	
53 Trichloroethene	95	4.426	4.429	-0.003	98	60009	20.0	20.9	
54 Methylcyclohexane	83	4.612	4.616	-0.004	90	107454	20.0	20.0	
55 1,2-Dichloropropane	63	4.641	4.641	0.000	94	49470	20.0	20.7	
56 2-ethoxy-2-methyl butane	87	4.661	4.661	0.000	95	97819	20.0	20.7	
58 1,4-Dioxane	88	4.683	4.680	0.003	86	21255	250.0	265.1	M
59 Methyl methacrylate	69	4.699	4.699	0.000	89	43080	20.0	19.5	
57 Dibromomethane	93	4.706	4.712	-0.006	92	36847	20.0	20.2	
60 Dichlorobromomethane	83	4.866	4.870	-0.004	98	66846	20.0	20.3	
61 2-Nitropropane	41	5.040	5.040	0.000	99	142302	100.0	93.6	
62 2-Chloroethyl vinyl ether	63	5.114	5.111	0.003	94	29878	20.0	19.6	
63 cis-1,3-Dichloropropene	75	5.227	5.233	-0.007	95	71295	20.0	20.2	
64 4-Methyl-2-pentanone (MIBK)	43	5.374	5.384	-0.010	97	172224	40.0	38.3	
$ 65 Toluene-d8 (Surr)	98	5.448	5.452	-0.004	93	479259	50.0	50.0	
66 Toluene	92	5.503	5.509	-0.006	98	120259	20.0	20.5	
67 trans-1,3-Dichloropropene	75	5.709	5.709	0.000	94	62379	20.0	20.3	
68 Ethyl methacrylate	69	5.773	5.776	-0.003	87	71541	20.0	20.3	
69 1,1,2-Trichloroethane	97	5.853	5.857	-0.004	92	40219	20.0	20.1	
70 Tetrachloroethene	166	5.902	5.905	-0.003	98	60301	20.0	20.6	
71 1,3-Dichloropropane	76	5.969	5.969	0.000	92	64945	20.0	20.3	
73 2-Hexanone	43	6.027	6.027	0.000	96	124033	40.0	39.0	
74 Chlorodibromomethane	129	6.120	6.120	0.000	89	48340	20.0	20.5	
S 72 1,2-Dichloroethene, Total	100				0			42.2	
75 Ethylene Dibromide	107	6.191	6.191	0.000	98	45466	20.0	20.6	
* 76 Chlorobenzene-d5 (IS)	117	6.509	6.509	0.000	84	354233	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	97	134186	20.0	20.5	
78 1-Chlorohexane	91	6.535	6.538	-0.003	95	65733	20.0	20.7	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	95	62668	20.0	21.5	
80 Ethylbenzene	91	6.603	6.603	0.000	98	248917	20.0	20.5	
81 m-Xylene & p-Xylene	106	6.686	6.689	-0.003	99	200900	40.0	41.9	
82 o-Xylene	106	6.924	6.924	0.000	96	108689	20.0	21.1	
83 Styrene	104	6.937	6.937	0.000	95	150713	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
84 Bromoform	173	7.040	7.040	0.000	96	36689	20.0	20.5	
85 Isopropylbenzene	105	7.149	7.149	0.000	95	271164	20.0	21.5	
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	91	184506	50.0	50.2	
87 Bromobenzene	156	7.320	7.320	0.000	94	62410	20.0	20.7	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	95	79947	20.0	20.2	a
89 trans-1,4-Dichloro-2-butene	53	7.355	7.355	0.000	94	52186	50.0	50.1	
90 1,2,3-Trichloropropane	110	7.361	7.361	0.000	85	27849	20.0	20.2	
91 N-Propylbenzene	91	7.390	7.390	0.000	98	312611	20.0	20.8	
92 2-Chlorotoluene	126	7.435	7.435	0.000	97	68104	20.0	21.0	
93 1,3,5-Trimethylbenzene	105	7.497	7.497	0.000	95	245598	20.0	21.0	
94 4-Chlorotoluene	126	7.503	7.506	-0.003	99	61848	20.0	20.8	
95 tert-Butylbenzene	134	7.667	7.667	0.000	92	49068	20.0	20.8	
96 1,2,4-Trimethylbenzene	105	7.699	7.702	-0.003	97	242651	20.0	20.5	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	295109	20.0	21.0	
98 1,3-Dichlorobenzene	146	7.850	7.850	0.000	98	120283	20.0	20.7	
99 4-Isopropyltoluene	119	7.876	7.876	0.000	97	263157	20.0	21.0	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	94	222674	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	96	121857	20.0	20.8	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	98	253133	20.0	20.8	
103 Benzyl chloride	91	7.966	7.966	0.000	98	170718	20.0	20.5	
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	95	147740	20.0	21.2	
105 p-Diethylbenzene	119	8.078	8.079	0.000	95	151414	20.0	21.0	
106 n-Butylbenzene	92	8.091	8.091	0.000	98	114183	20.0	21.1	
107 1,2-Dichlorobenzene	146	8.095	8.095	0.000	99	127432	20.0	21.2	
108 o-diethylbenzene	119	8.127	8.127	0.000	94	122927	20.0	20.9	
109 1,2-Dibromo-3-Chloropropane	75	8.503	8.503	0.000	87	31518	20.0	20.5	
110 1,3,5-Trichlorobenzene	180	8.599	8.599	0.000	98	89960	20.0	20.6	
111 1,2,4-Trichlorobenzene	180	8.914	8.914	0.000	94	93043	20.0	21.0	
112 Hexachlorobutadiene	225	8.988	8.988	0.000	98	31477	20.0	20.4	
113 Naphthalene	128	9.046	9.046	0.000	96	389174	20.0	20.9	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	97	95683	20.0	20.9	
115 2-Methylnaphthalene	142	9.599	9.599	0.000	93	214244	20.0	21.2	
S 137 1,3-Dichloropropene, Total	100				0			40.5	
S 138 Xylenes, Total	106				0			63.0	
S 139 Total Diethylbenzene	1				0			63.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00207	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_00905	Amount Added:	2.00	Units: uL	
MSV_CCV_VOC#3_00205	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00199	Amount Added:	4.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

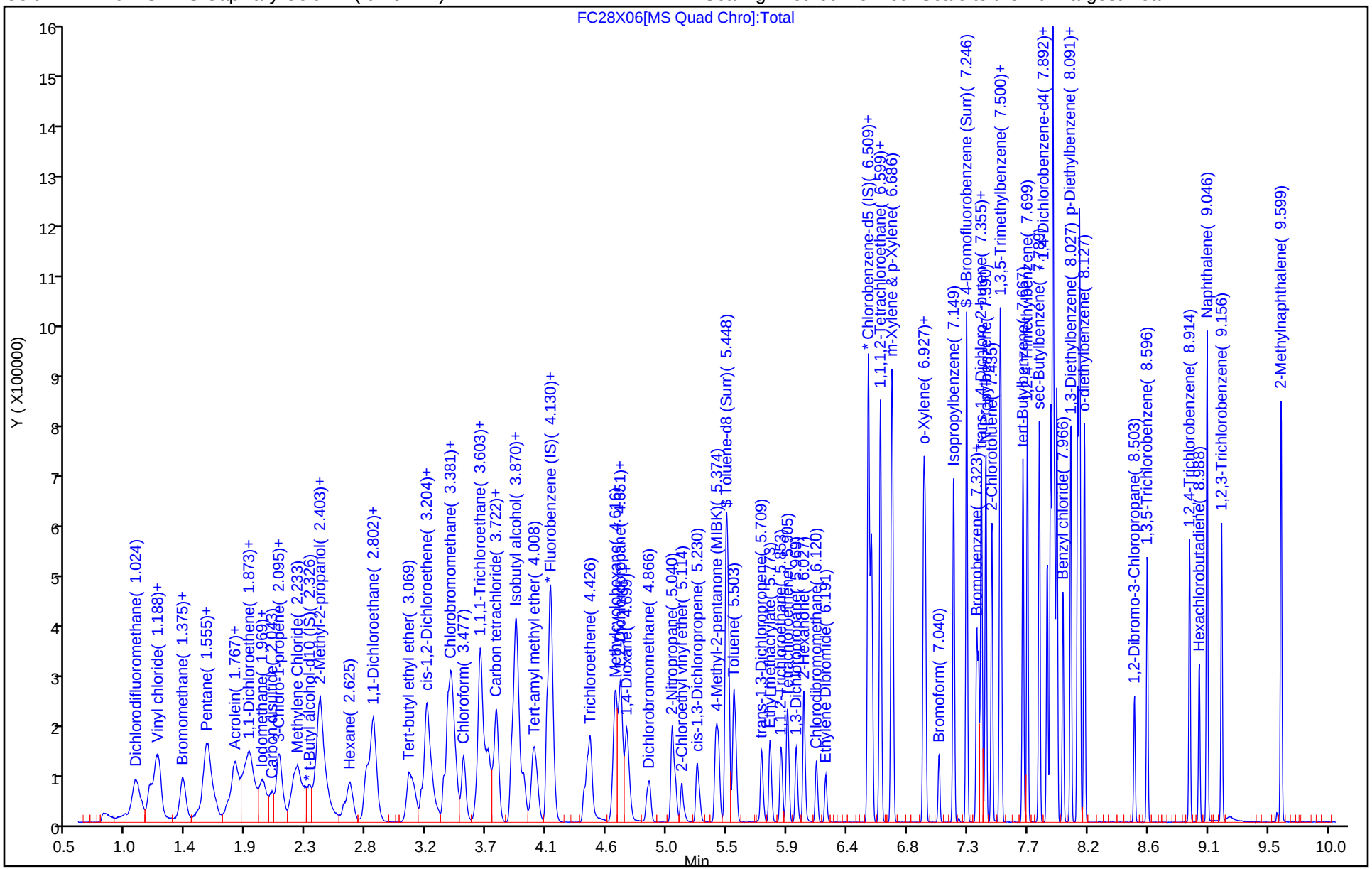
Report Date: 30-Oct-2024 14:31:23 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D

Injection Date:	28-Oct-2024 17:30:50	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	IC v20			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

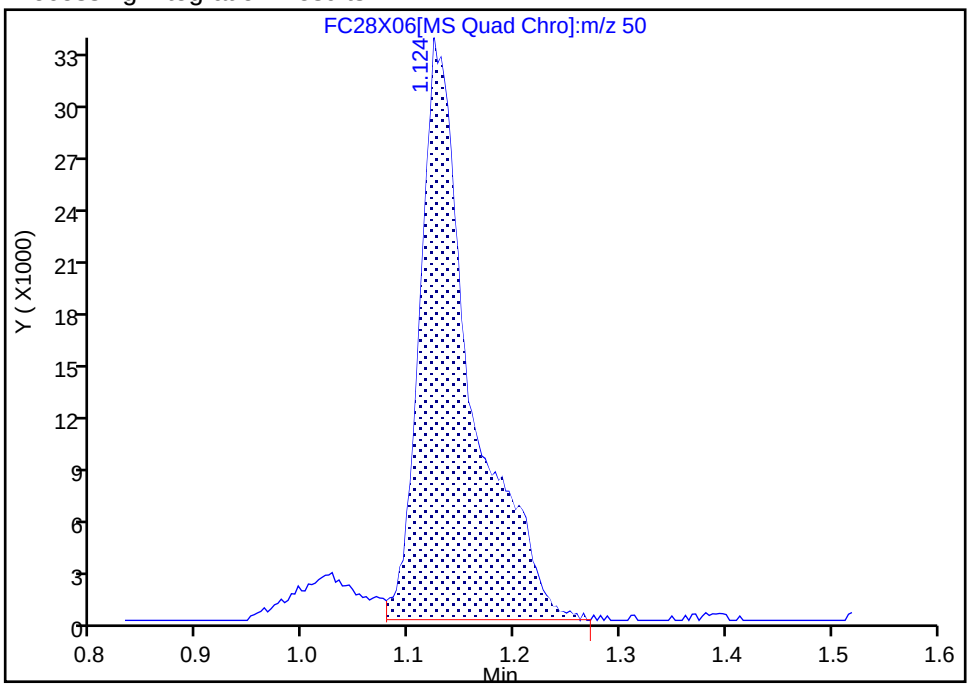
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

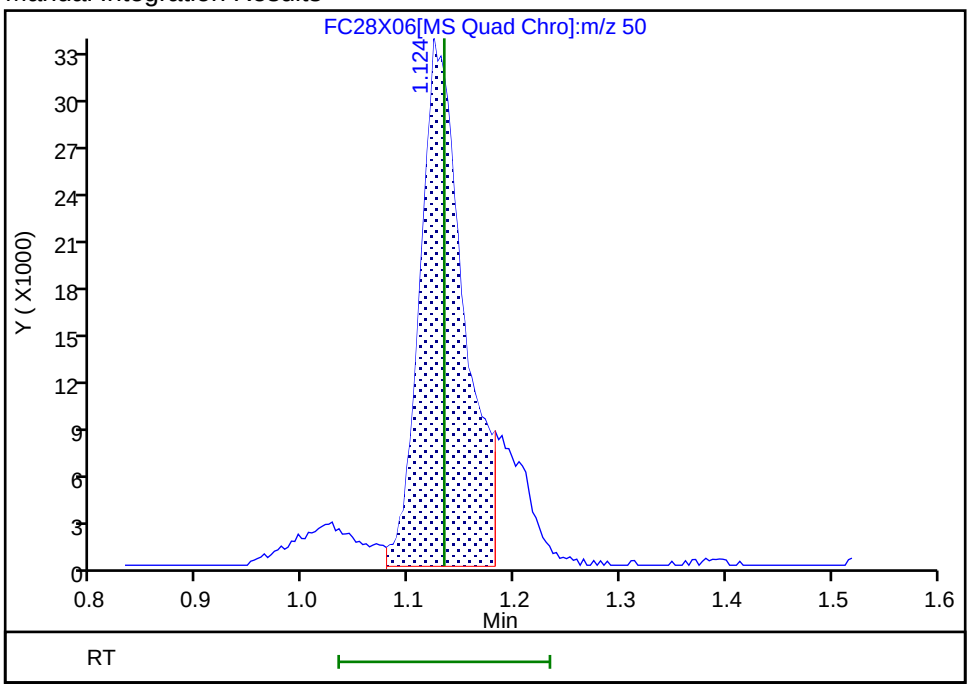
Processing Integration Results

RT: 1.12
Area: 114095
Amount: 22.624319
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 97449
Amount: 20.595909
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:56:04 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

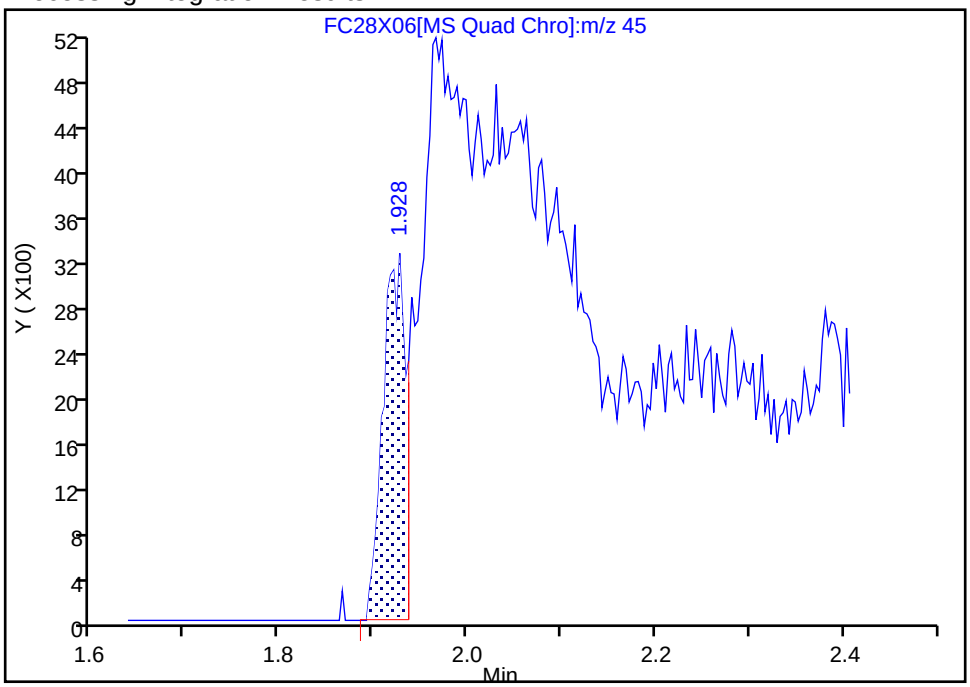
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D				
Injection Date:	28-Oct-2024 17:30:50	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

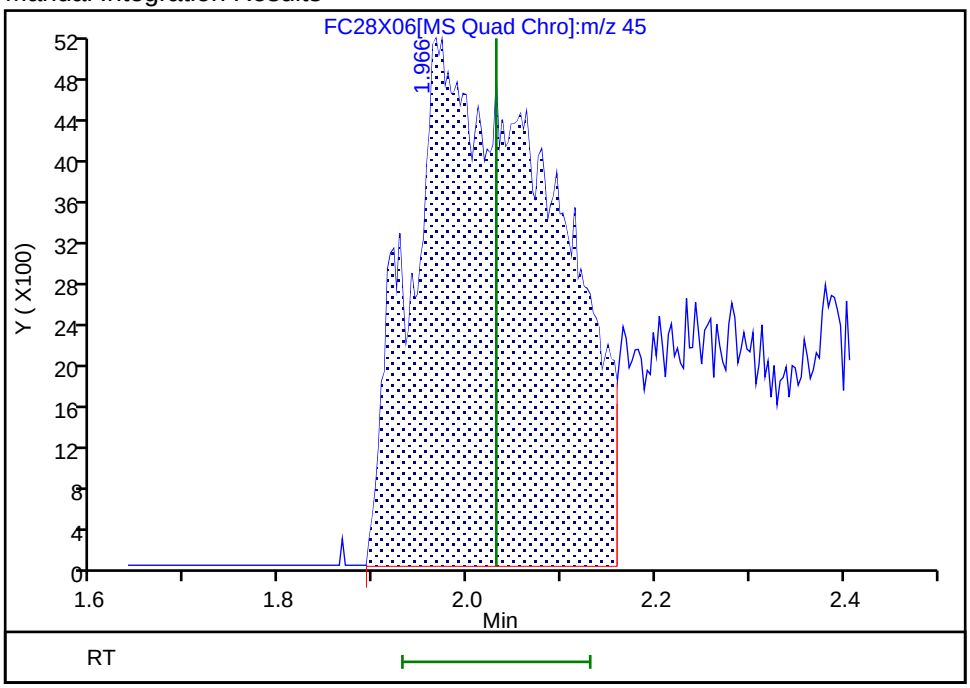
Processing Integration Results

RT: 1.93
Area: 5426
Amount: 17.024914
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 54182
Amount: 102.4236
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:19:59 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

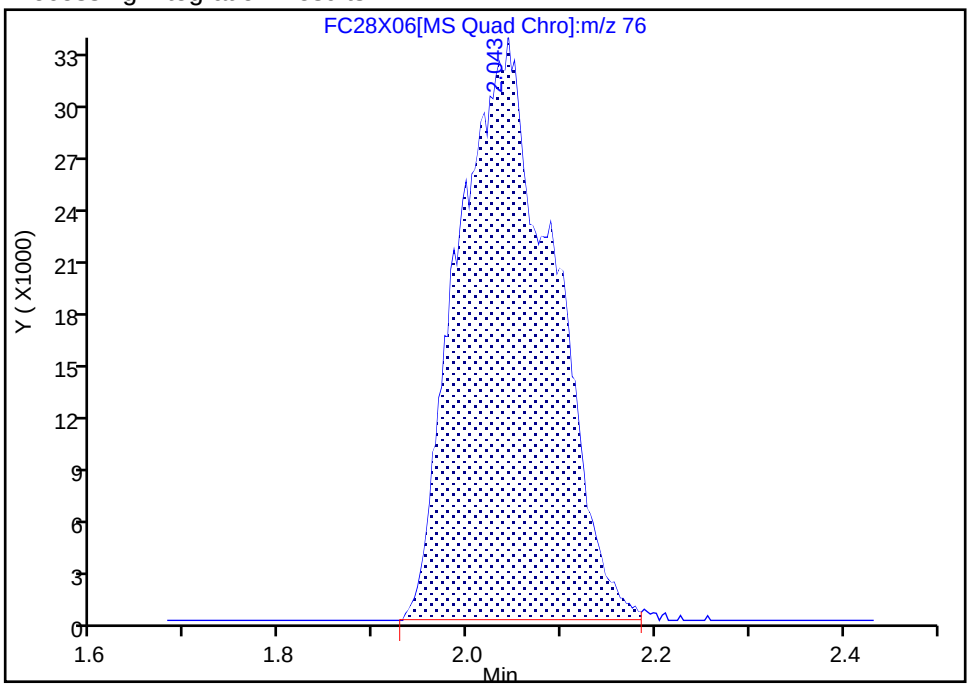
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

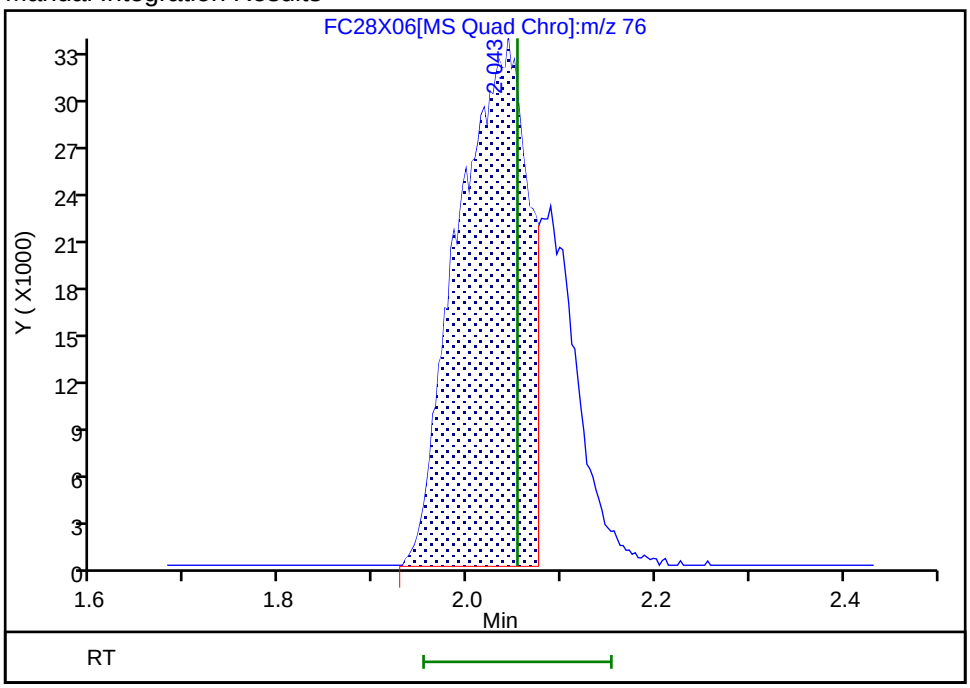
Processing Integration Results

RT: 2.04
Area: 232868
Amount: 26.720577
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 173120
Amount: 20.104109
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:56:44 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

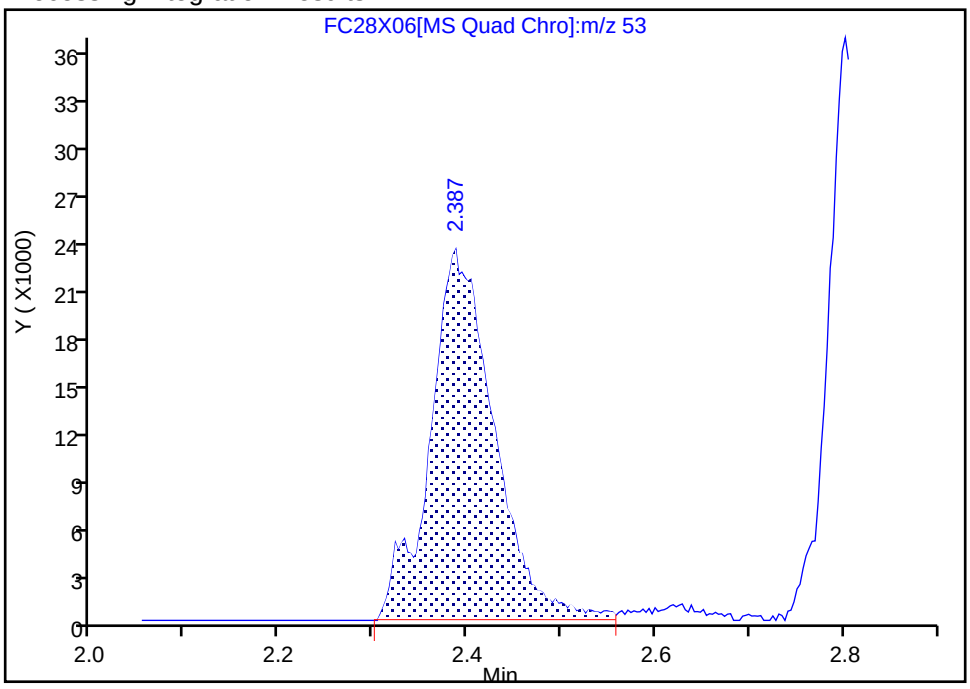
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

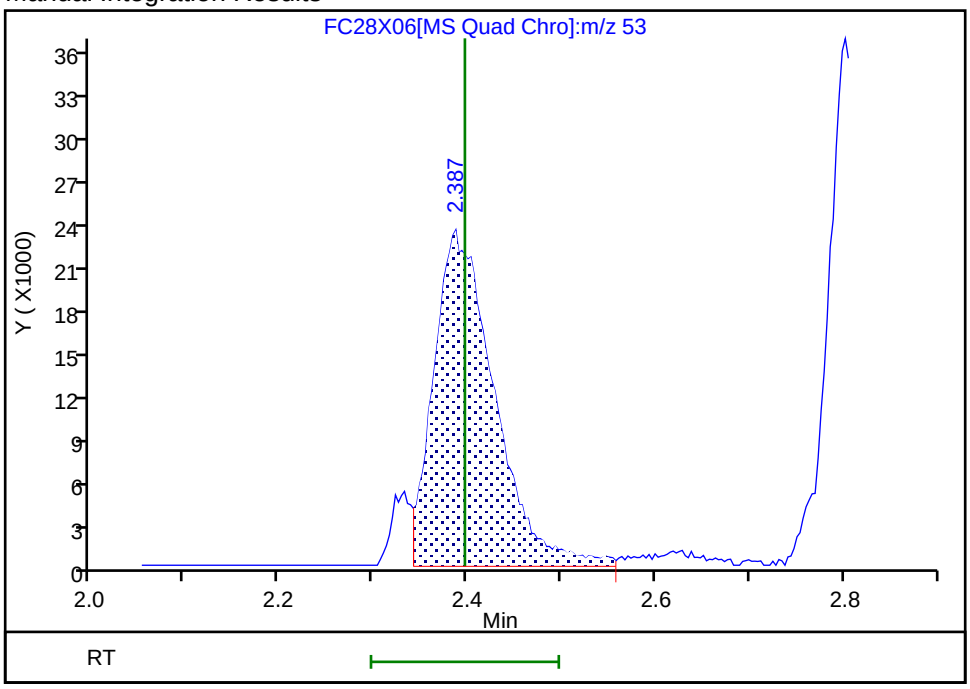
Processing Integration Results

RT: 2.39
Area: 110611
Amount: 54.884557
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 103708
Amount: 52.236011
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 13:59:59 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

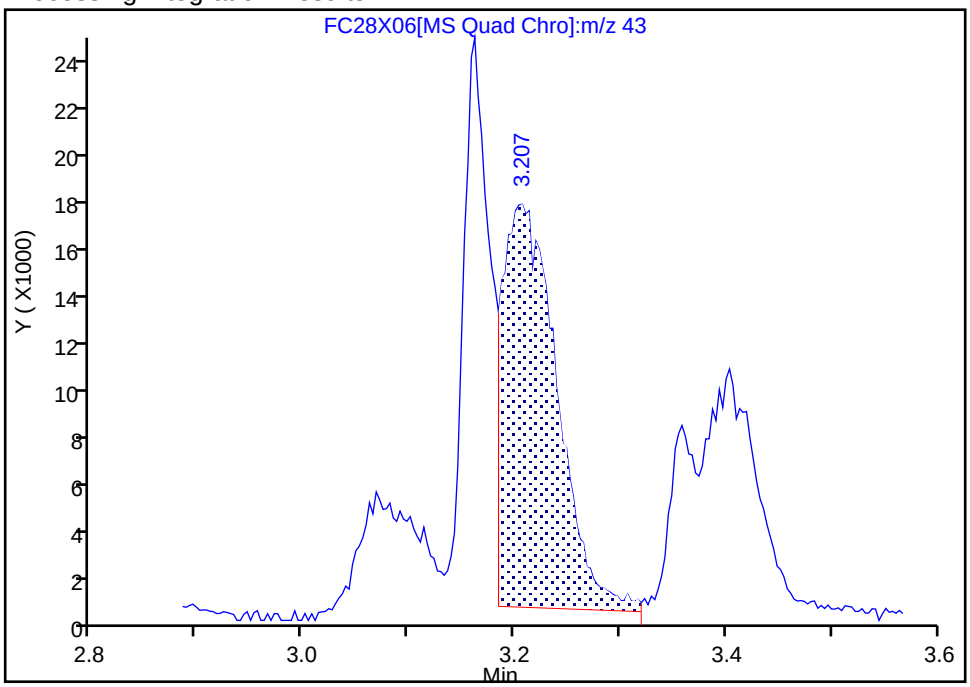
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D				
Injection Date:	28-Oct-2024 17:30:50	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

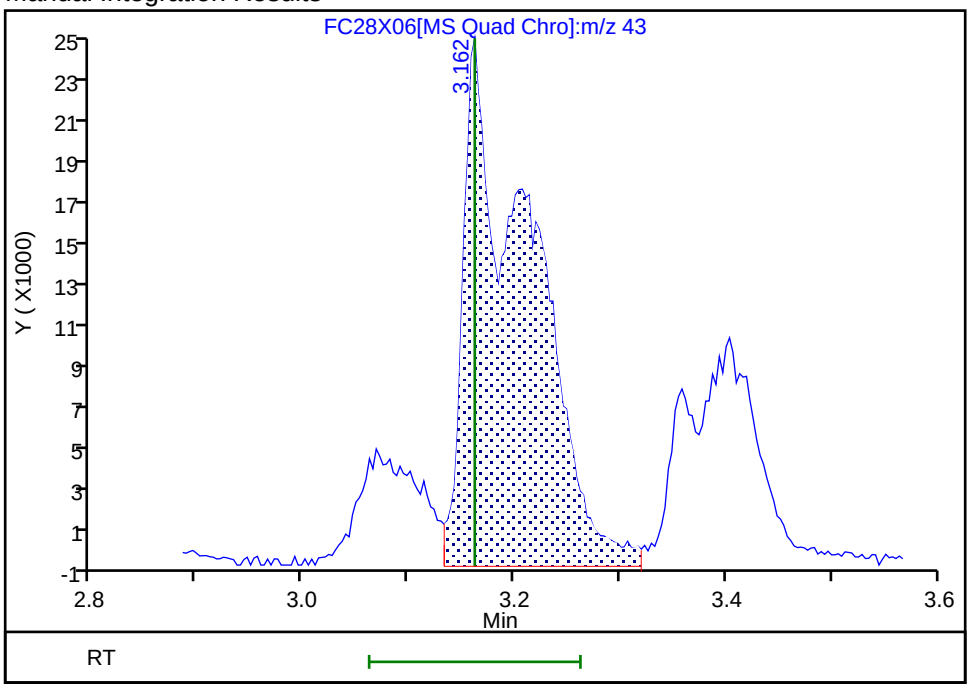
Processing Integration Results

RT: 3.21
Area: 61490
Amount: 33.416364
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 107856
Amount: 38.306985
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:57:03 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

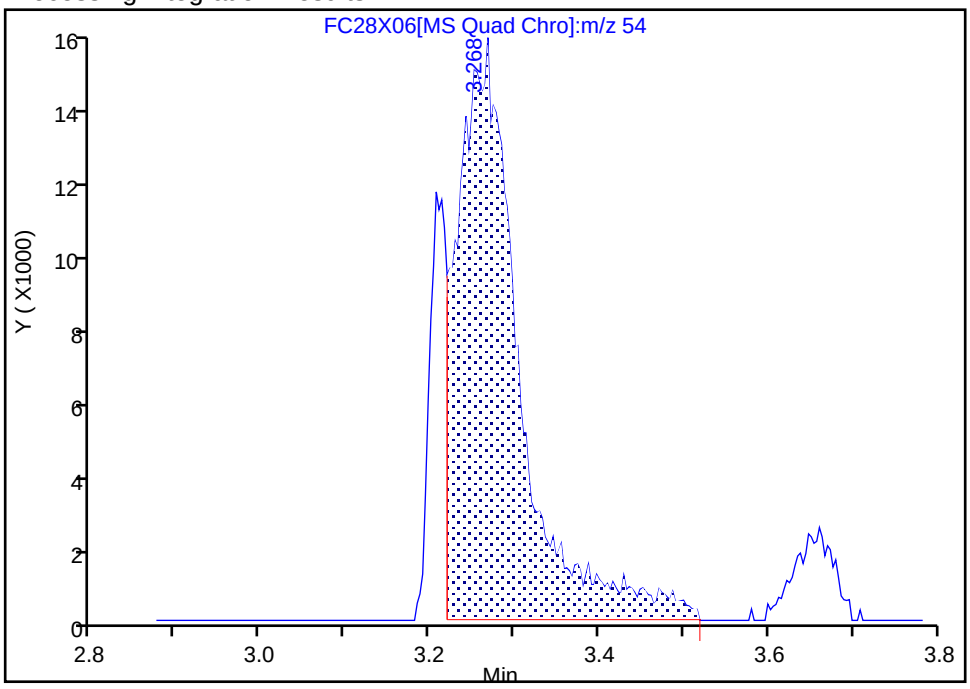
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

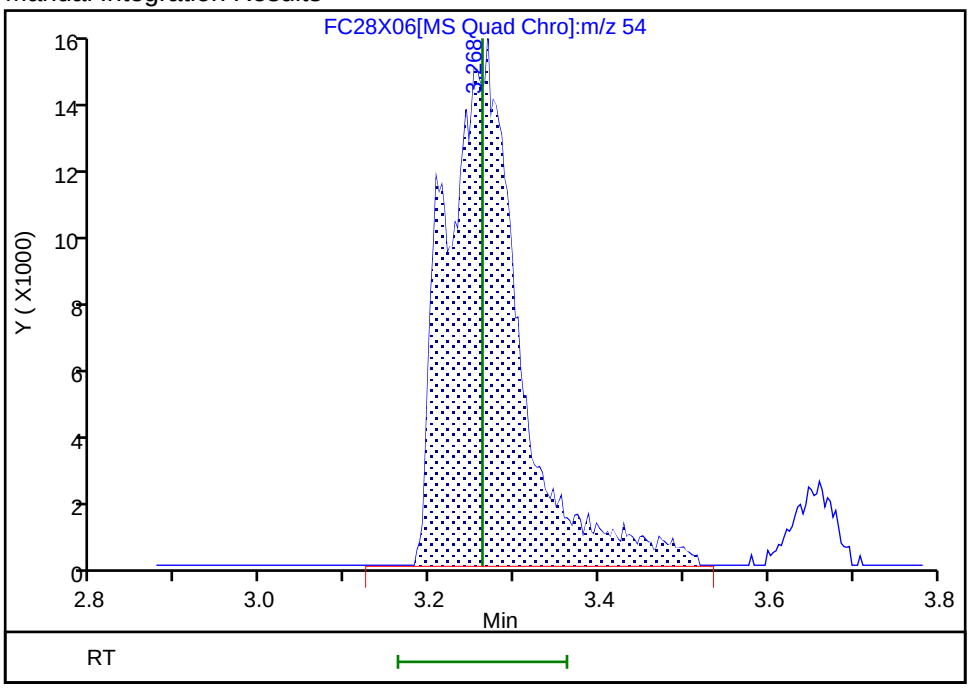
Processing Integration Results

RT: 3.27
Area: 77966
Amount: 87.364835
Amount Units: ug/l



Manual Integration Results

RT: 3.27
Area: 91797
Amount: 100.7791
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:57:14 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

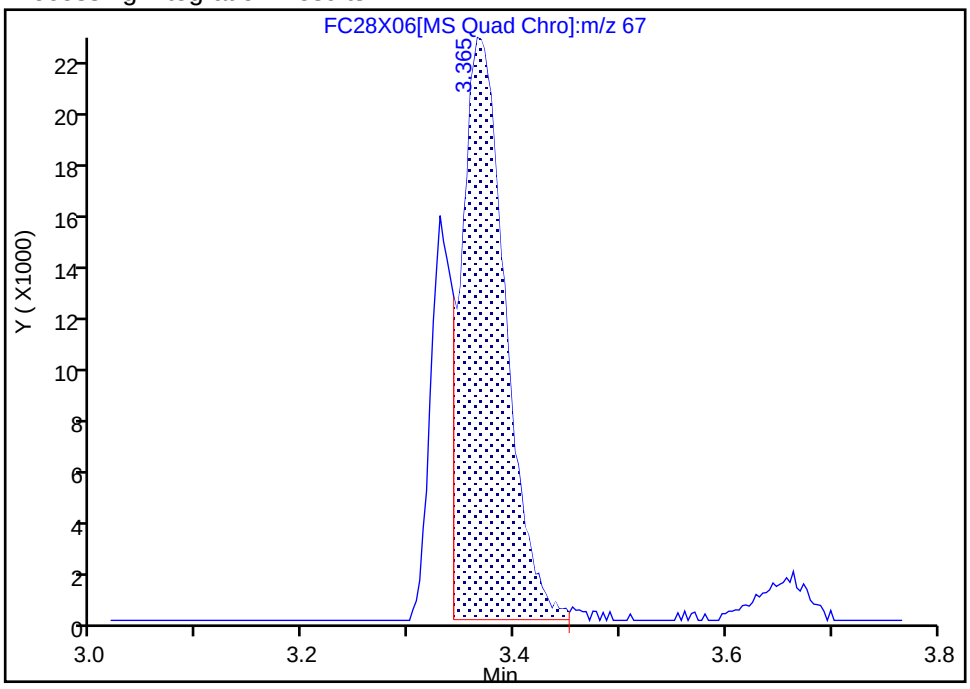
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

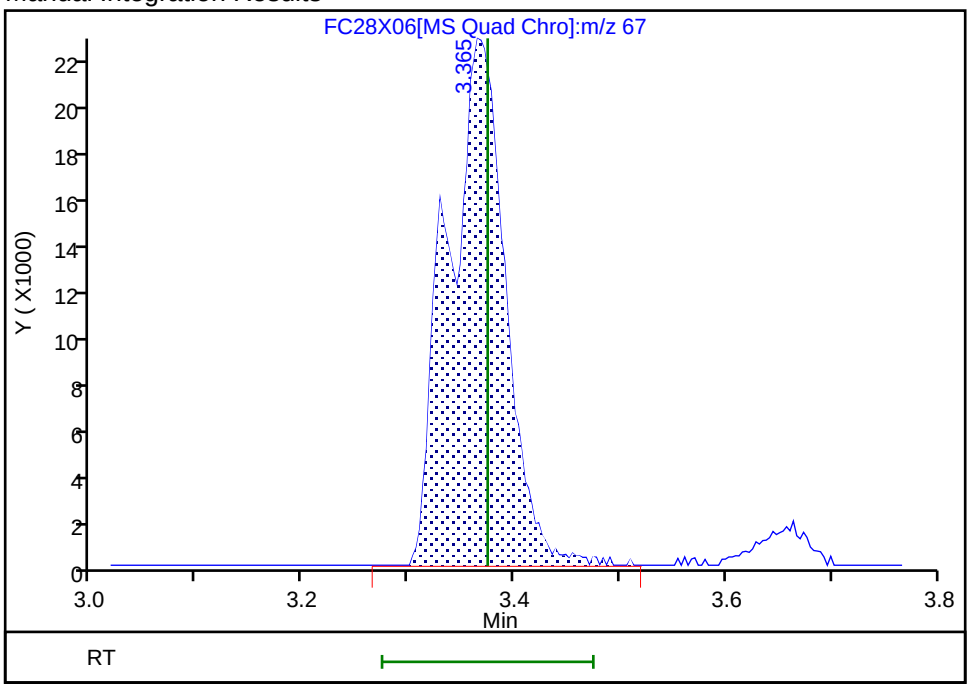
Processing Integration Results

RT: 3.36
Area: 66193
Amount: 45.439513
Amount Units: ug/l



Manual Integration Results

RT: 3.36
Area: 86976
Amount: 50.119291
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:57:18 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

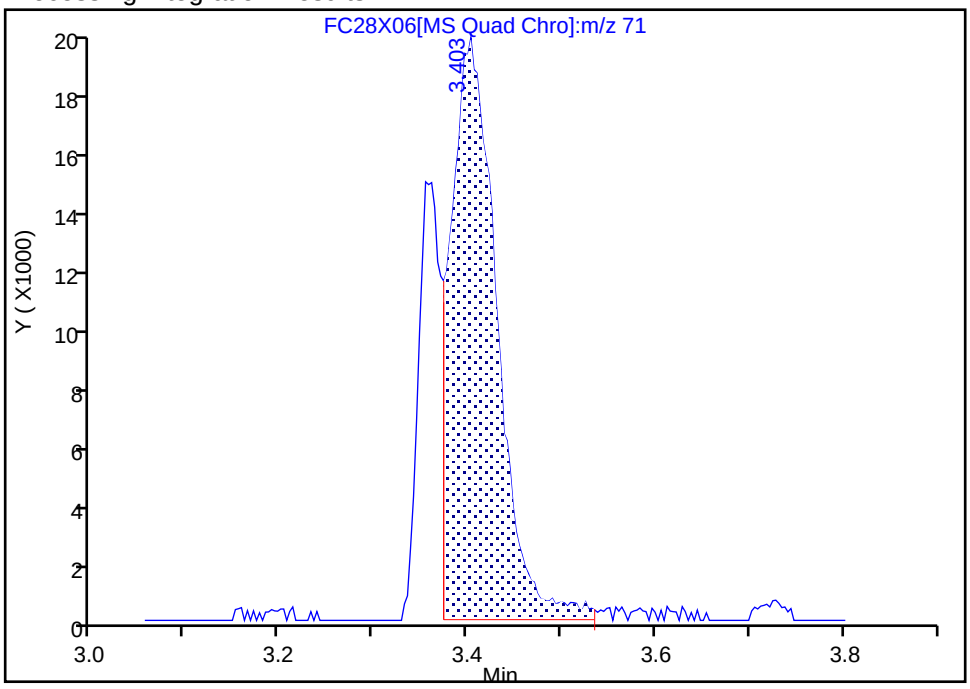
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D				
Injection Date:	28-Oct-2024 17:30:50	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

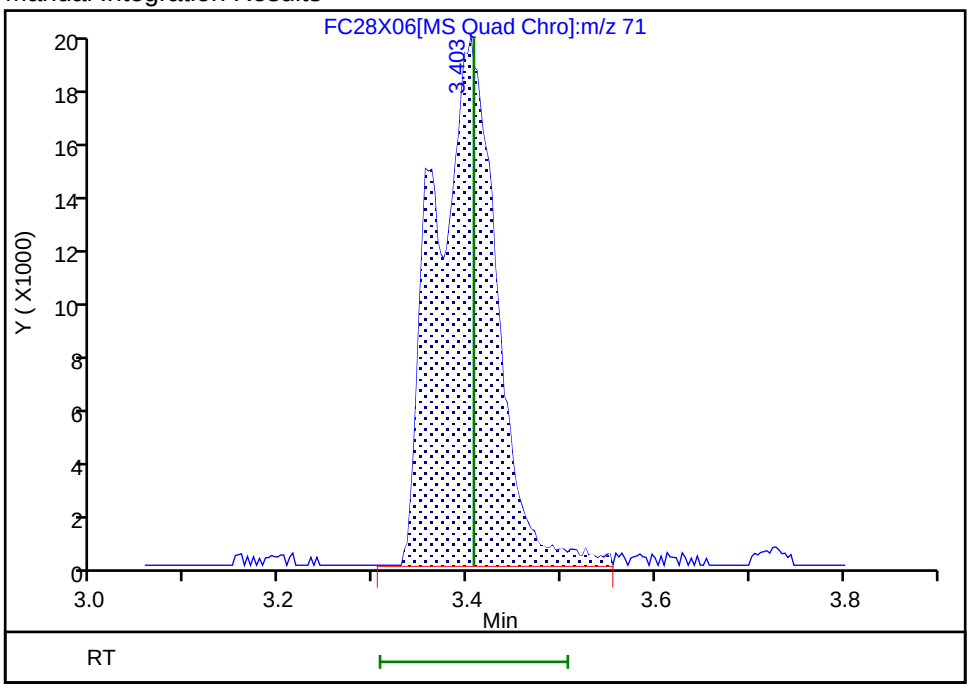
Processing Integration Results

RT: 3.40
Area: 65935
Amount: 83.433856
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 88755
Amount: 94.729616
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:57:24 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

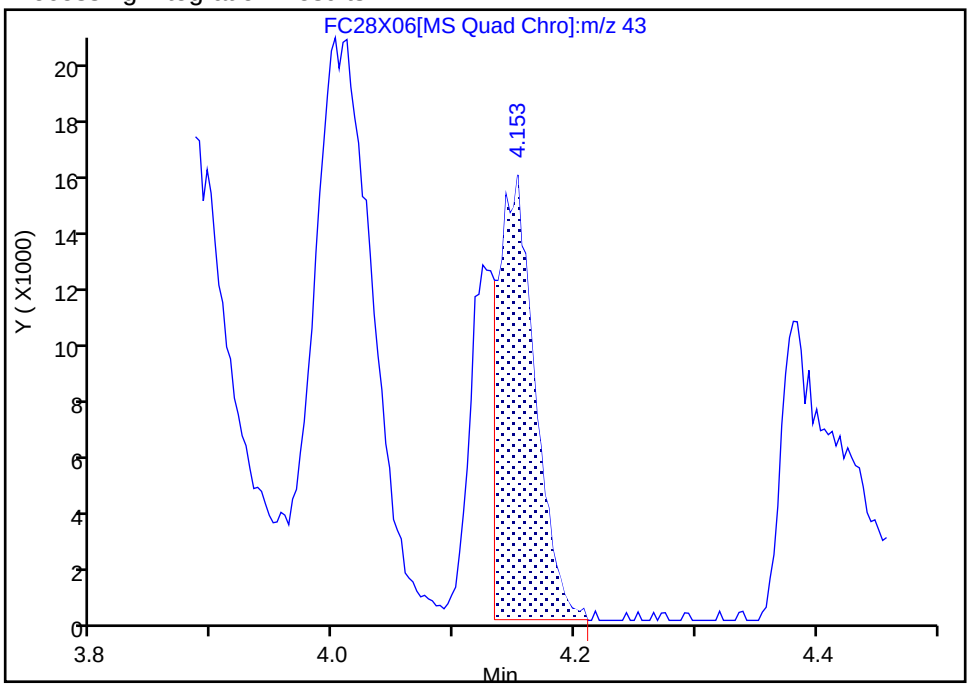
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D				
Injection Date:	28-Oct-2024 17:30:50	Instrument ID:	15830		
Lims ID:	IC v20				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

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

Signal: 1

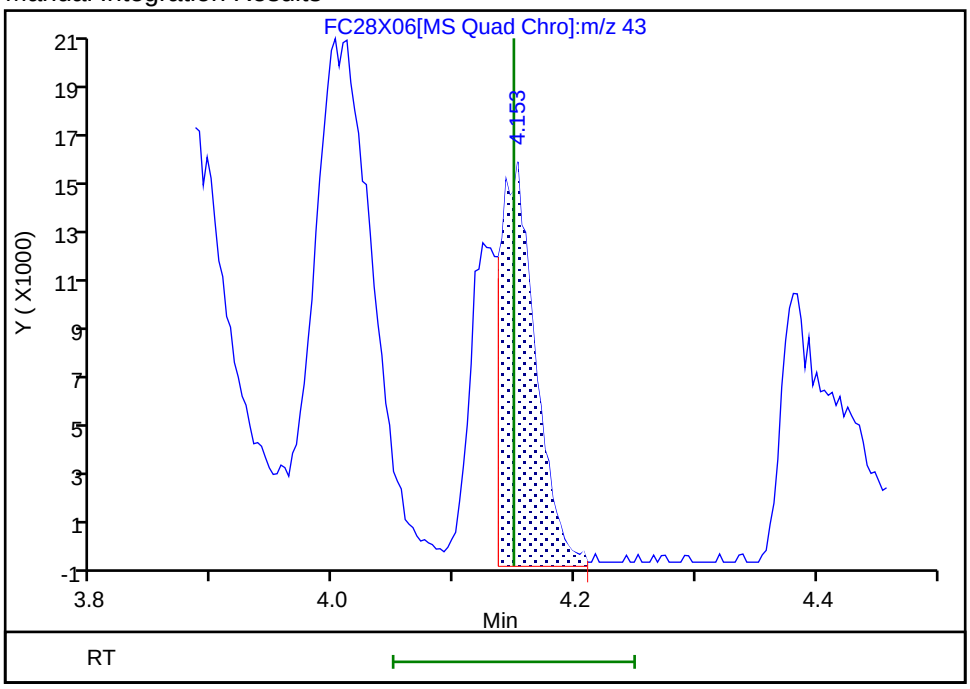
Processing Integration Results

RT: 4.15
Area: 34169
Amount: 22.401684
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 32374
Amount: 16.507214
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:58:06 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

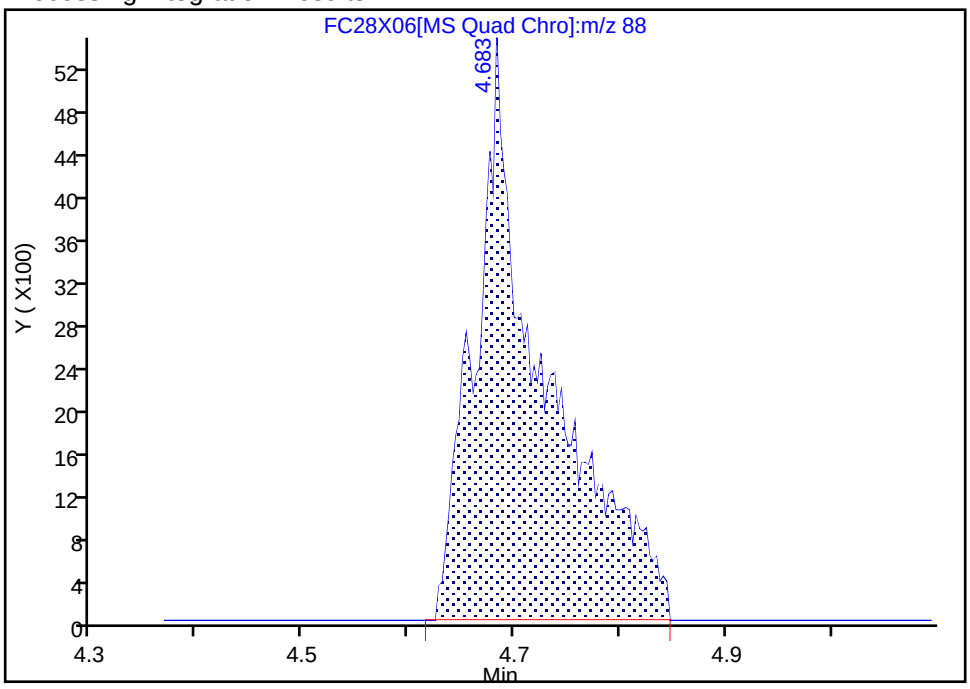
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

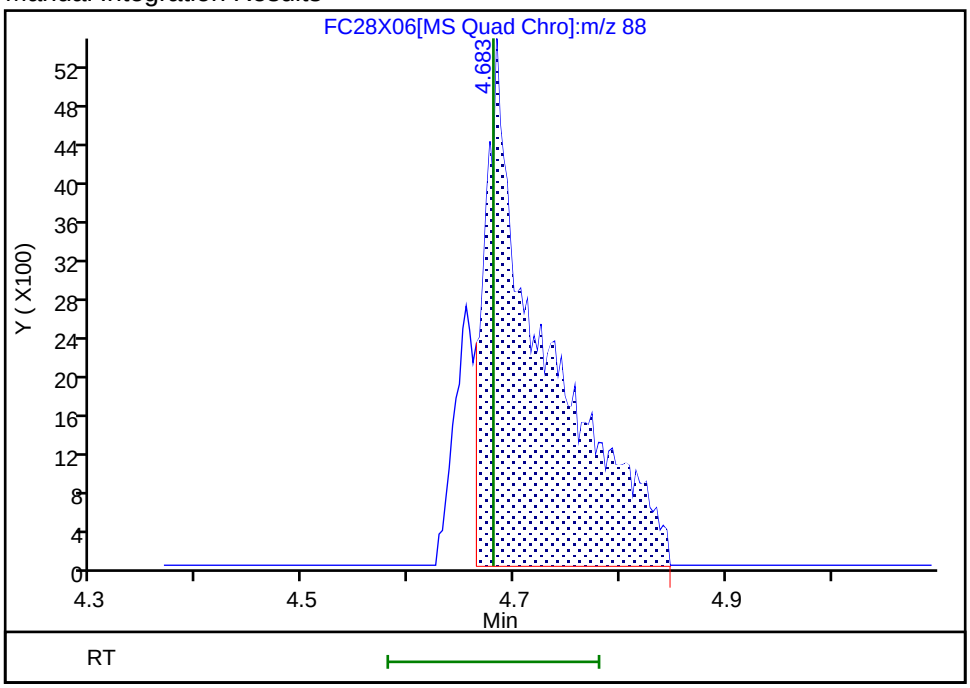
Processing Integration Results

RT: 4.68
Area: 24542
Amount: 282.1264
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 21255
Amount: 265.1189
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:58:14 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

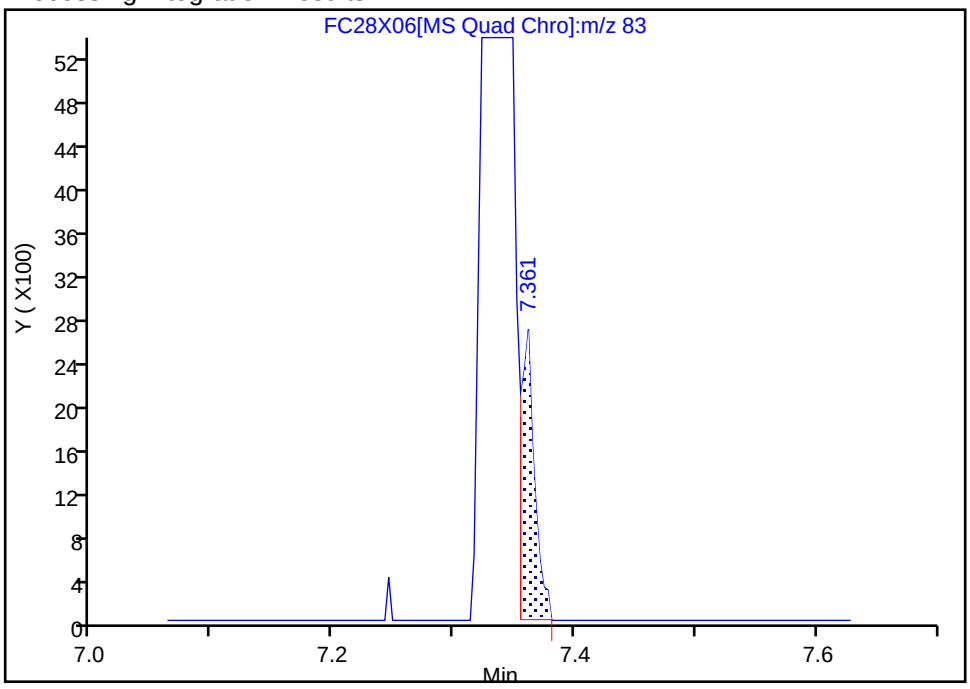
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X06.D
Injection Date: 28-Oct-2024 17:30:50 Instrument ID: 15830
Lims ID: IC v20
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

88 1,1,2,2-Tetrachloroethane, CAS: 79-34-5

Signal: 1

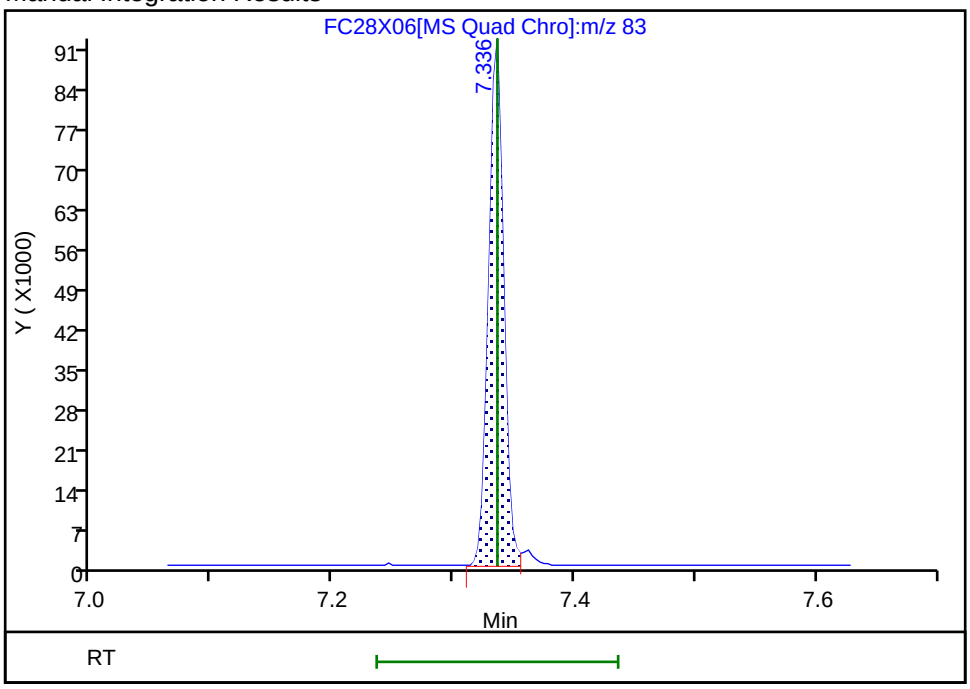
Processing Integration Results

RT: 7.36
Area: 2095
Amount: 0.904241
Amount Units: ug/l



Manual Integration Results

RT: 7.34
Area: 79947
Amount: 20.160845
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:58:29 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Lims ID: ICIS v50
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 28-Oct-2024 17:50:12 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v50
Misc. Info.: 410-0129020-008
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:27 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 08:11:49

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.018	1.018	0.000	99	229744	50.0	44.8	
2 Chloromethane	50	1.133	1.133	0.000	99	237110	50.0	43.8	M
4 Butadiene	39	1.191	1.191	0.000	91	238725	50.0	41.8	
3 Vinyl chloride	62	1.198	1.198	0.000	98	196899	50.0	44.3	
5 Bromomethane	94	1.381	1.381	0.000	92	146095	50.0	44.0	
6 Chloroethane	64	1.397	1.397	0.000	100	117056	50.0	44.8	
8 Pentane	43	1.555	1.555	0.000	68	253605	50.0	46.5	
16 Dichlorofluoromethane	67	1.564	1.564	0.000	99	341058	50.0	41.8	
7 Trichlorofluoromethane	101	1.590	1.590	0.000	97	308068	50.0	46.5	M
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.760	1.760	0.000	94	193595	50.0	43.5	
9 Acrolein	56	1.786	1.786	0.000	99	482913	501.1	492.1	
10 1,1-Dichloroethene	96	1.870	1.870	0.000	98	151313	50.0	47.0	
11 Acetone	58	1.889	1.889	0.000	68	63058	100.0	99.6	M
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.895	1.895	0.000	91	178509	50.0	49.8	
13 Iodomethane	142	1.973	1.973	0.000	99	326693	50.0	47.4	
15 Isopropyl alcohol	45	2.031	2.031	0.000	87	122431	250.0	220.4	Ma
14 Carbon disulfide	76	2.053	2.053	0.000	100	449092	50.0	45.5	M
18 Methyl acetate	43	2.104	2.104	0.000	71	218523	50.0	49.0	
17 3-Chloro-1-propene	41	2.108	2.108	0.000	86	243957	50.0	44.8	
19 Methylene Chloride	84	2.227	2.227	0.000	98	165953	50.0	45.8	
* 20 t-Butyl alcohol-d10 (IS)	65	2.294	2.294	0.000	94	374855	250.0	250.0	
21 2-Methyl-2-propanol	59	2.358	2.358	0.000	98	361495	250.0	246.4	
23 Acrylonitrile	53	2.397	2.397	0.000	99	262919	125.0	115.6	M
24 trans-1,2-Dichloroethene	96	2.416	2.416	0.000	99	171162	50.0	48.7	
25 Methyl tert-butyl ether	73	2.420	2.420	0.000	95	505707	50.0	48.2	
26 Hexane	57	2.632	2.632	0.000	94	192060	50.0	44.8	
27 1,1-Dichloroethane	63	2.754	2.754	0.000	96	290455	50.0	49.2	
28 Isopropyl ether	45	2.802	2.802	0.000	91	458205	50.0	49.1	
29 2-Chloro-1,3-butadiene	53	2.809	2.809	0.000	93	268816	50.0	49.7	
30 Tert-butyl ethyl ether	59	3.082	3.082	0.000	97	506634	50.0	49.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.162	3.162	0.000	99	280399	100.0	86.9	M
31 cis-1,2-Dichloroethene	96	3.204	3.204	0.000	80	192610	50.0	47.9	
33 2,2-Dichloropropane	77	3.227	3.227	0.000	87	275648	50.0	47.7	
34 Propionitrile	54	3.262	3.262	0.000	99	191619	250.0	200.4	M
35 Methacrylonitrile	67	3.375	3.375	0.000	92	243764	125.0	122.6	M
36 Chlorobromomethane	128	3.391	3.391	0.000	89	98403	50.0	48.5	
37 Tetrahydrofuran	71	3.407	3.407	0.000	91	242696	250.0	246.7	M
39 Chloroform	83	3.484	3.484	0.000	93	301176	50.0	47.7	
40 1,1,1-Trichloroethane	97	3.606	3.606	0.000	98	284872	50.0	48.3	
$ 41 Dibromofluoromethane (Surr)	113	3.609	3.609	0.000	94	185459	50.0	48.8	
42 Cyclohexane	56	3.661	3.661	0.000	89	288240	50.0	48.3	
43 Carbon tetrachloride	117	3.725	3.725	0.000	96	255166	50.0	49.3	
44 1,1-Dichloropropene	75	3.728	3.728	0.000	94	230810	50.0	50.7	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.873	3.873	0.000	80	44127	50.0	50.0	
45 Isobutyl alcohol	41	3.876	3.876	0.000	93	210958	625.0	567.8	
47 Benzene	78	3.883	3.883	0.000	97	625001	50.0	50.7	
48 1,2-Dichloroethane	62	3.934	3.934	0.000	98	221985	50.0	47.2	
49 Tert-amyl methyl ether	73	4.008	4.008	0.000	97	494067	50.0	48.9	
* 50 Fluorobenzene (IS)	96	4.133	4.133	0.000	98	630981	50.0	50.0	
51 n-Heptane	43	4.149	4.149	0.000	92	118960	50.0	53.0	M
52 n-Butanol	56	4.381	4.381	0.000	90	196959	625.0	632.7	
53 Trichloroethene	95	4.429	4.429	0.000	97	165973	50.0	50.6	
54 Methylcyclohexane	83	4.616	4.616	0.000	91	309210	50.0	50.2	
55 1,2-Dichloropropane	63	4.641	4.641	0.000	95	140036	50.0	51.3	
56 2-ethoxy-2-methyl butane	87	4.661	4.661	0.000	94	270442	50.0	50.1	
58 1,4-Dioxane	88	4.680	4.680	0.000	88	62102	625.0	737.7	
59 Methyl methacrylate	69	4.699	4.699	0.000	89	126670	50.0	50.1	
57 Dibromomethane	93	4.712	4.712	0.000	93	102835	50.0	49.1	
60 Dichlorobromomethane	83	4.870	4.870	0.000	99	193573	50.0	51.3	
61 2-Nitropropane	41	5.040	5.040	0.000	99	403385	250.0	252.6	
62 2-Chloroethyl vinyl ether	63	5.111	5.111	0.000	95	88937	50.0	51.1	
63 cis-1,3-Dichloropropene	75	5.233	5.233	0.000	95	213201	50.0	52.8	
64 4-Methyl-2-pentanone (MIBK)	43	5.384	5.384	0.000	97	526011	100.0	102.2	
$ 65 Toluene-d8 (Surr)	98	5.452	5.452	0.000	93	569525	50.0	50.1	
66 Toluene	92	5.509	5.509	0.000	98	352070	50.0	50.6	
67 trans-1,3-Dichloropropene	75	5.709	5.709	0.000	94	189028	50.0	51.7	
68 Ethyl methacrylate	69	5.776	5.776	0.000	88	209174	50.0	50.0	
69 1,1,2-Trichloroethane	97	5.857	5.857	0.000	91	120039	50.0	50.6	
70 Tetrachloroethene	166	5.905	5.905	0.000	98	172939	50.0	49.8	
71 1,3-Dichloropropane	76	5.969	5.969	0.000	92	192271	50.0	50.6	
73 2-Hexanone	43	6.027	6.027	0.000	96	377734	100.0	100.2	
74 Chlorodibromomethane	129	6.120	6.120	0.000	89	145982	50.0	52.2	
75 Ethylene Dibromide	107	6.191	6.191	0.000	99	133501	50.0	51.0	
* 76 Chlorobenzene-d5 (IS)	117	6.509	6.509	0.000	84	420372	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	95	391507	50.0	50.5	
78 1-Chlorohexane	91	6.538	6.538	0.000	95	188136	50.0	49.9	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	95	169200	50.0	48.8	
80 Ethylbenzene	91	6.603	6.603	0.000	98	707189	50.0	49.1	
81 m-Xylene & p-Xylene	106	6.689	6.689	0.000	99	568584	100.0	99.9	
82 o-Xylene	106	6.924	6.924	0.000	97	296512	50.0	48.6	
83 Styrene	104	6.937	6.937	0.000	94	433920	50.0	51.3	
84 Bromoform	173	7.040	7.040	0.000	97	108558	50.0	51.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.149	7.149	0.000	95	722724	50.0	48.3	
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	90	219095	50.0	50.2	
87 Bromobenzene	156	7.320	7.320	0.000	92	177692	50.0	51.3	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	95	221236	50.0	48.6	
89 trans-1,4-Dichloro-2-butene	53	7.355	7.355	0.000	94	151297	125.0	126.6	
90 1,2,3-Trichloropropane	110	7.361	7.361	0.000	84	76343	50.0	48.4	
91 N-Propylbenzene	91	7.390	7.390	0.000	98	855205	50.0	49.6	
92 2-Chlorotoluene	126	7.435	7.435	0.000	97	185342	50.0	49.8	
93 1,3,5-Trimethylbenzene	105	7.497	7.497	0.000	95	669900	50.0	49.9	
94 4-Chlorotoluene	126	7.506	7.506	0.000	99	172336	50.0	50.6	
95 tert-Butylbenzene	134	7.667	7.667	0.000	93	138868	50.0	51.3	
96 1,2,4-Trimethylbenzene	105	7.702	7.702	0.000	97	668230	50.0	49.3	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	809997	50.0	50.2	
98 1,3-Dichlorobenzene	146	7.850	7.850	0.000	98	334635	50.0	50.1	
99 4-Isopropyltoluene	119	7.876	7.876	0.000	96	711757	50.0	49.6	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	94	255427	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	95	336574	50.0	50.0	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	98	679737	50.0	48.7	
103 Benzyl chloride	91	7.966	7.966	0.000	98	469260	50.0	49.0	
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	95	391262	50.0	48.8	
105 p-Diethylbenzene	119	8.079	8.079	0.000	96	408000	50.0	49.4	
106 n-Butylbenzene	92	8.091	8.091	0.000	98	308252	50.0	49.7	
107 1,2-Dichlorobenzene	146	8.095	8.095	0.000	98	341769	50.0	49.5	
108 o-diethylbenzene	119	8.127	8.127	0.000	95	336784	50.0	49.8	
109 1,2-Dibromo-3-Chloropropane	75	8.503	8.503	0.000	88	86148	50.0	48.9	
110 1,3,5-Trichlorobenzene	180	8.599	8.599	0.000	98	243398	50.0	48.6	
111 1,2,4-Trichlorobenzene	180	8.914	8.914	0.000	94	242420	50.0	47.7	
112 Hexachlorobutadiene	225	8.988	8.988	0.000	98	87849	50.0	49.8	
113 Naphthalene	128	9.046	9.046	0.000	97	994477	50.0	46.5	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	96	245537	50.0	46.7	
115 2-Methylnaphthalene	142	9.599	9.599	0.000	92	539908	50.0	46.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00207	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_00905	Amount Added:	2.50	Units: uL	
MSV_CCV_VOC#3_00205	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00199	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

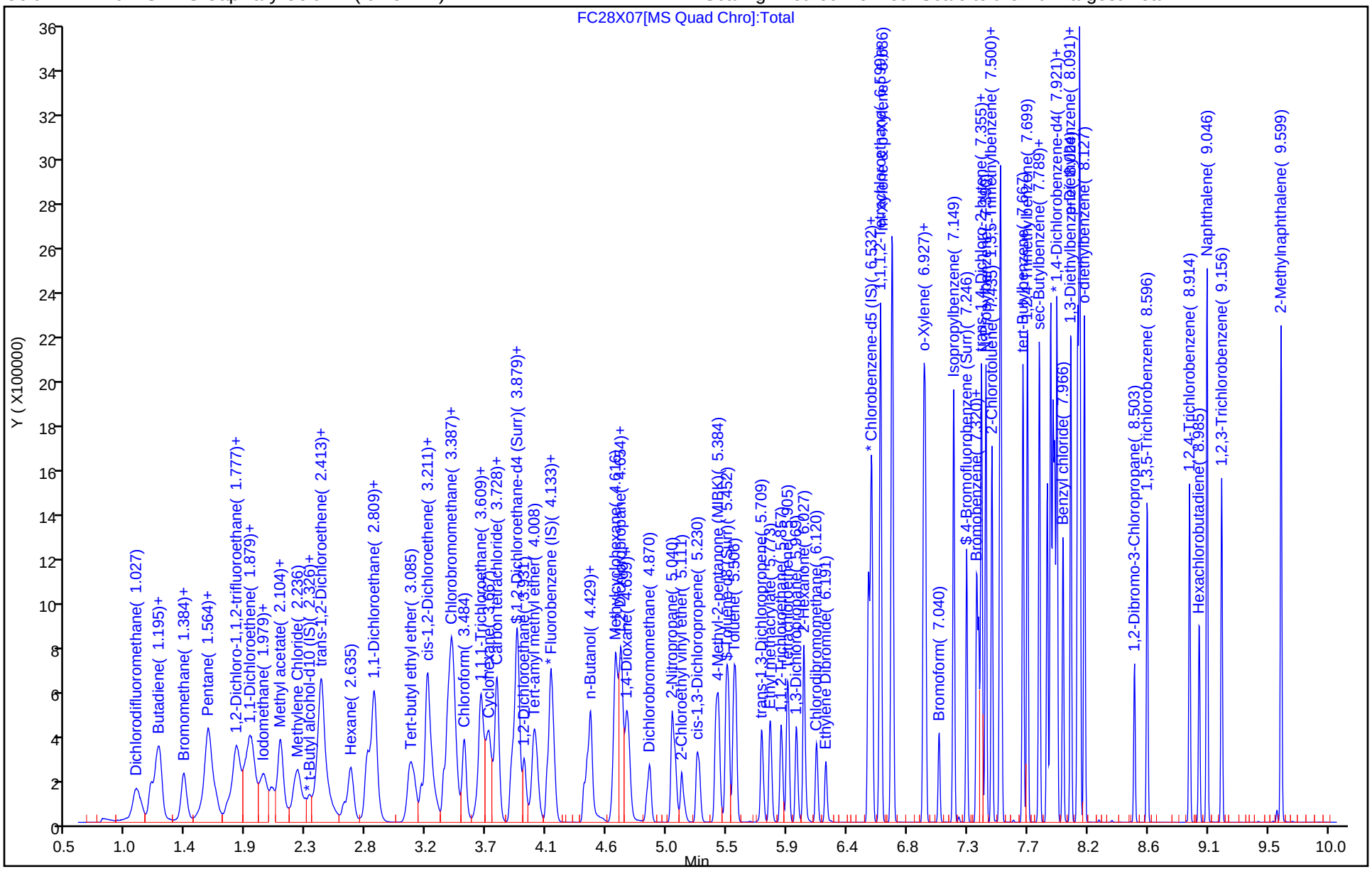
Report Date: 30-Oct-2024 14:31:28 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D

Injection Date:	28-Oct-2024 17:50:12	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	ICIS v50			Worklist Smp#:	8
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

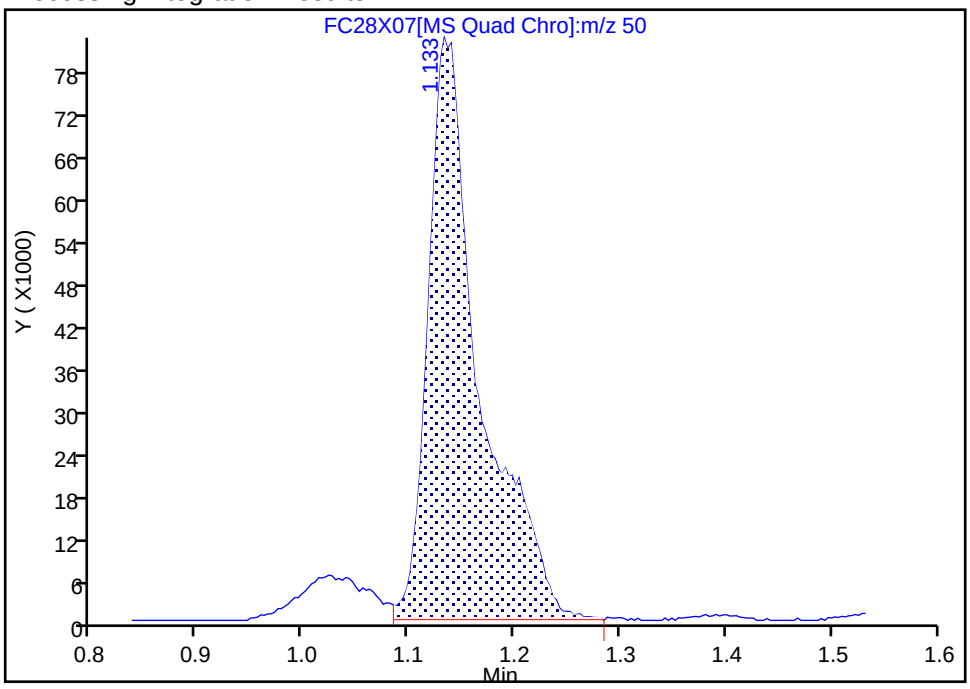
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Injection Date: 28-Oct-2024 17:50:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

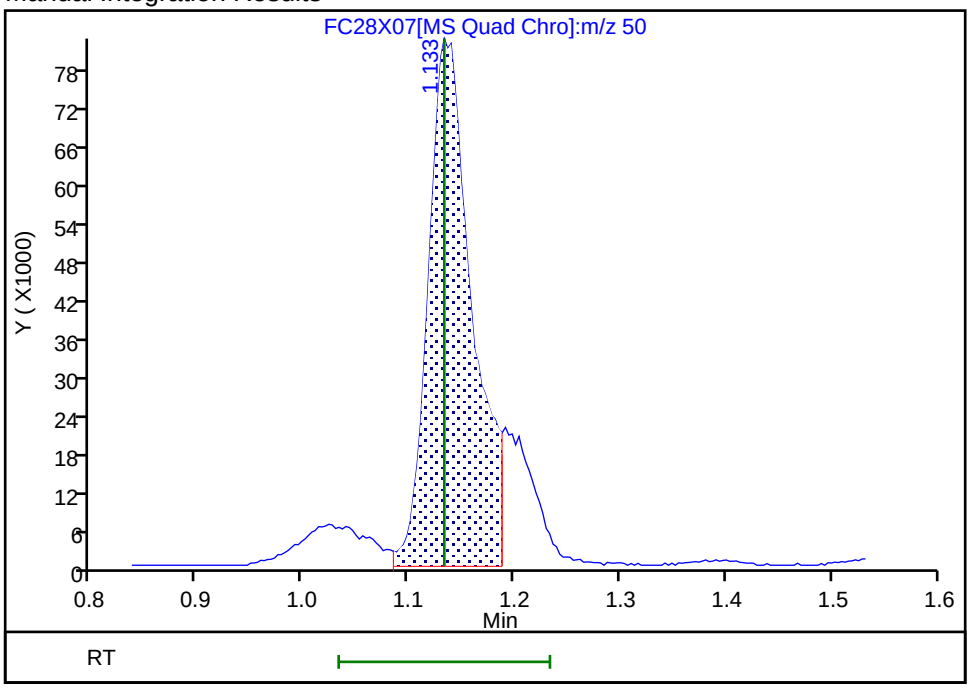
Processing Integration Results

RT: 1.13
Area: 279446
Amount: 45.561416
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 237110
Amount: 43.750590
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:04:41 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

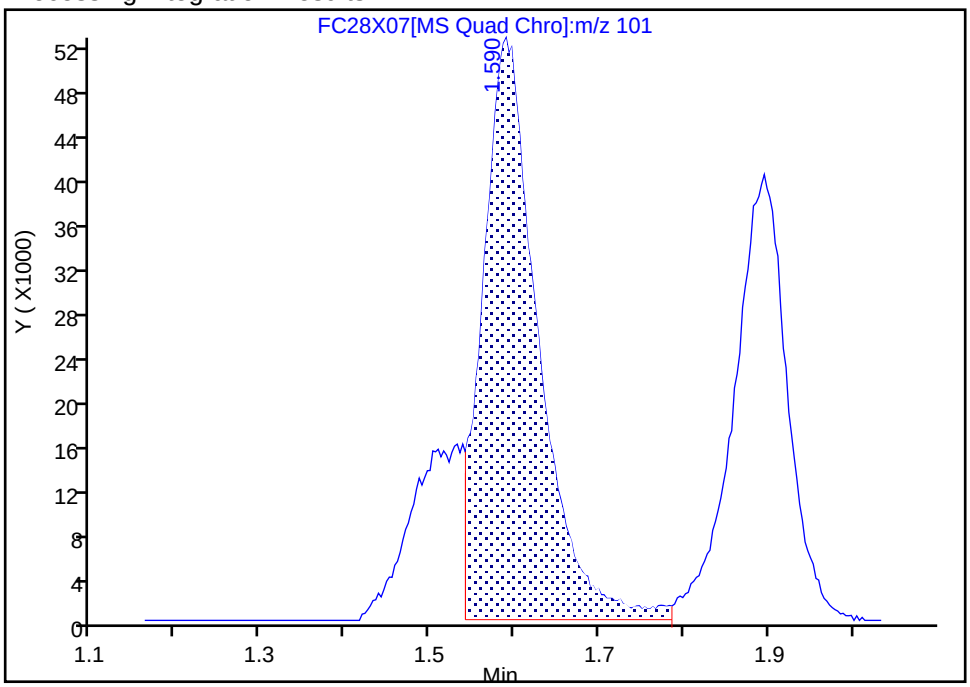
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Injection Date: 28-Oct-2024 17:50:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

7 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

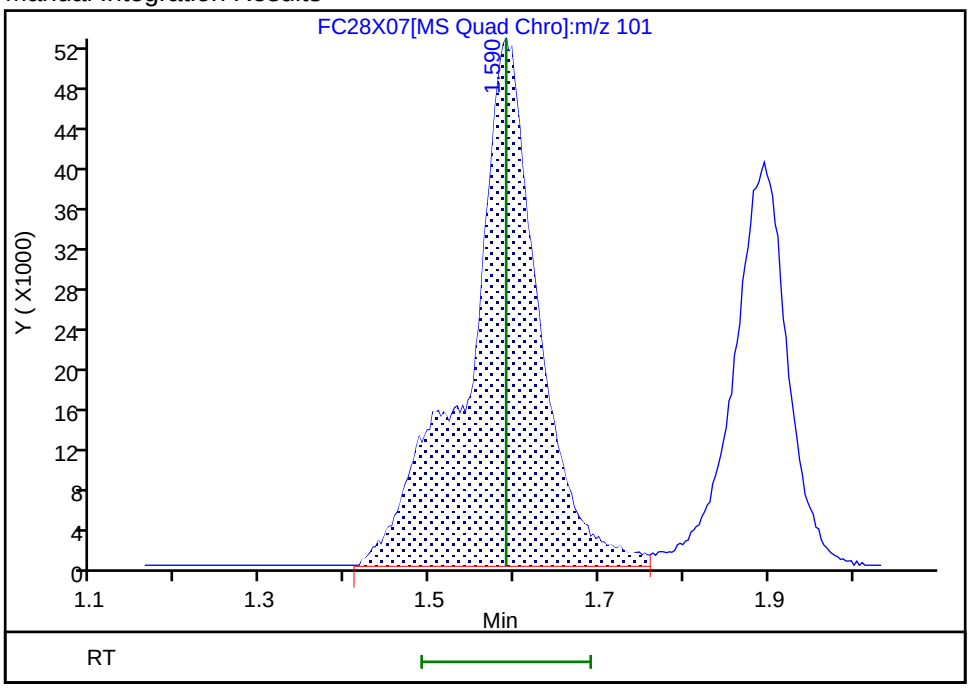
Processing Integration Results

RT: 1.59
Area: 242684
Amount: 40.354921
Amount Units: ug/l



Manual Integration Results

RT: 1.59
Area: 308068
Amount: 46.494380
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:05:05 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

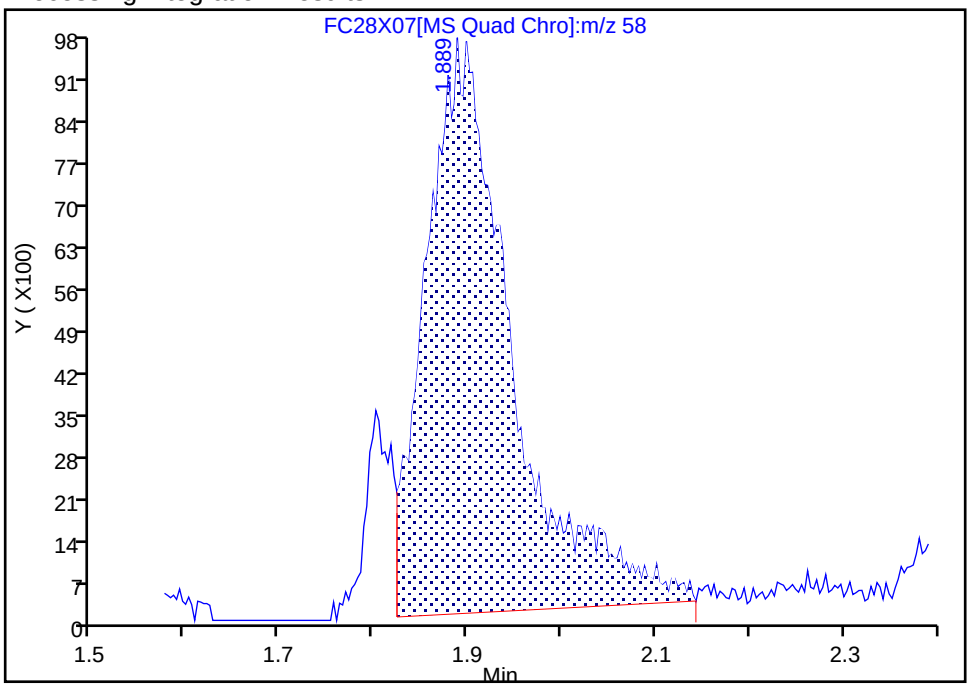
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Injection Date: 28-Oct-2024 17:50:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

11 Acetone, CAS: 67-64-1

Signal: 1

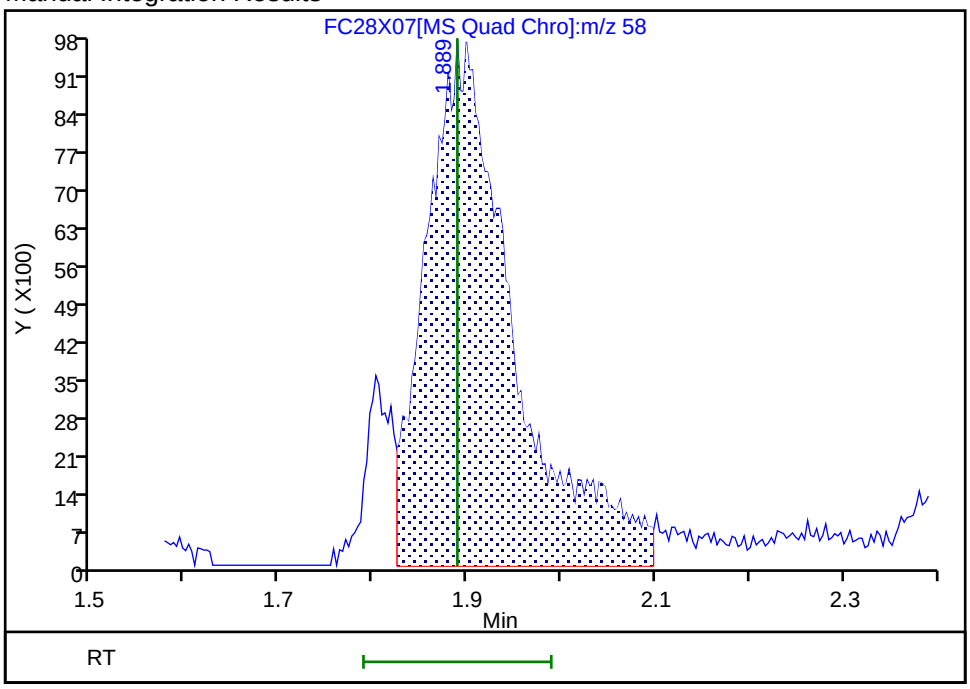
Processing Integration Results

RT: 1.89
Area: 60957
Amount: 94.223063
Amount Units: ug/l



Manual Integration Results

RT: 1.89
Area: 63058
Amount: 99.607195
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:47:50 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

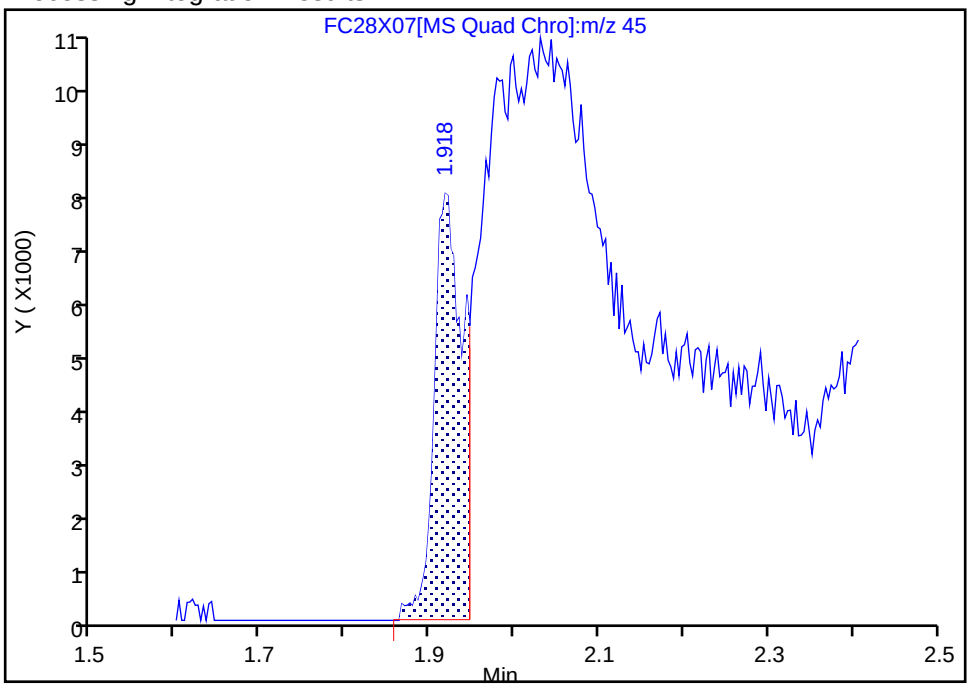
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Injection Date: 28-Oct-2024 17:50:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

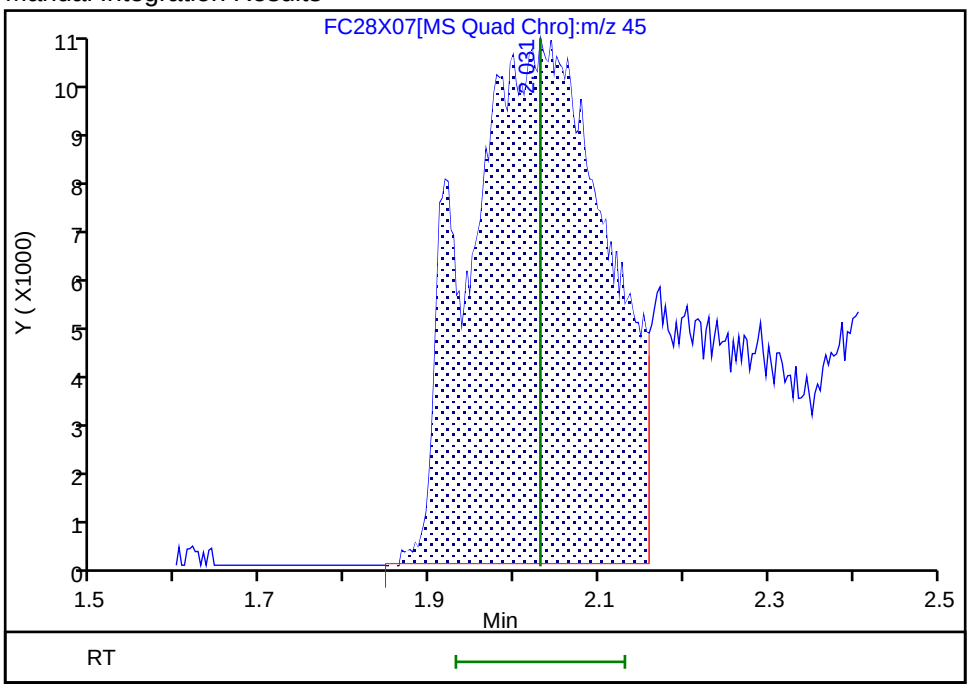
Processing Integration Results

RT: 1.92
Area: 18390
Amount: 83.131651
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 122431
Amount: 220.4175
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:07:23 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

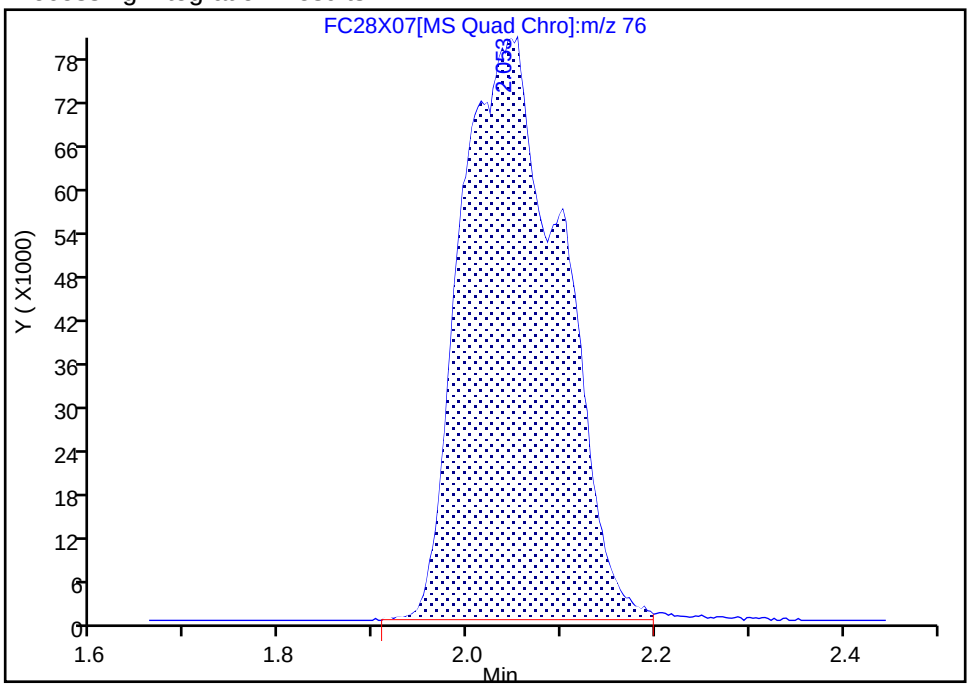
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D				
Injection Date:	28-Oct-2024 17:50:12	Instrument ID:	15830		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

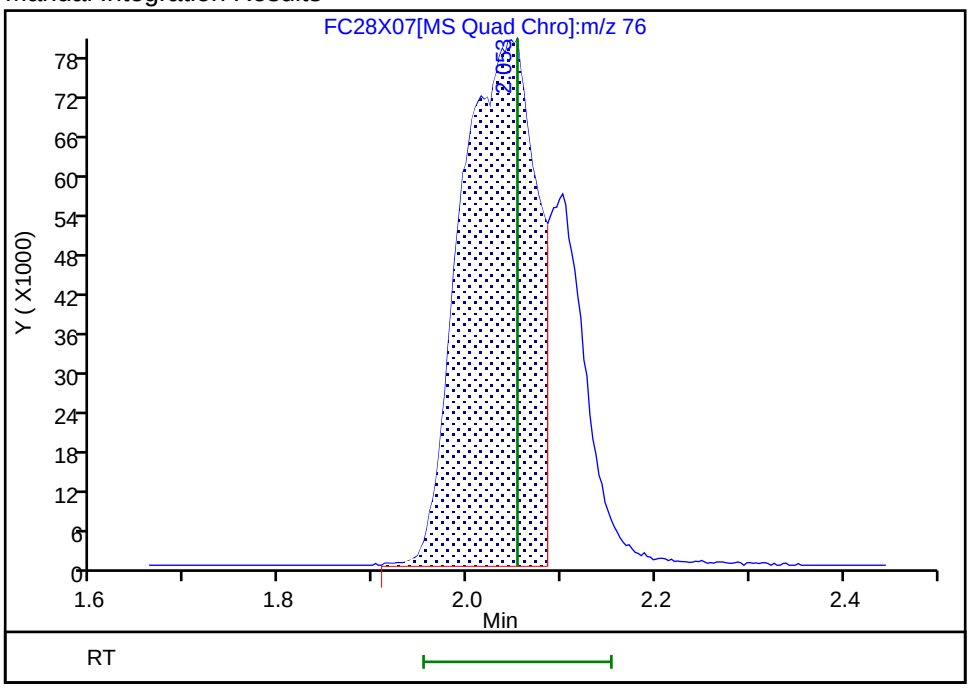
Processing Integration Results

RT: 2.05
Area: 595173
Amount: 46.277295
Amount Units: ug/l



Manual Integration Results

RT: 2.05
Area: 449092
Amount: 45.530601
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:07:29 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

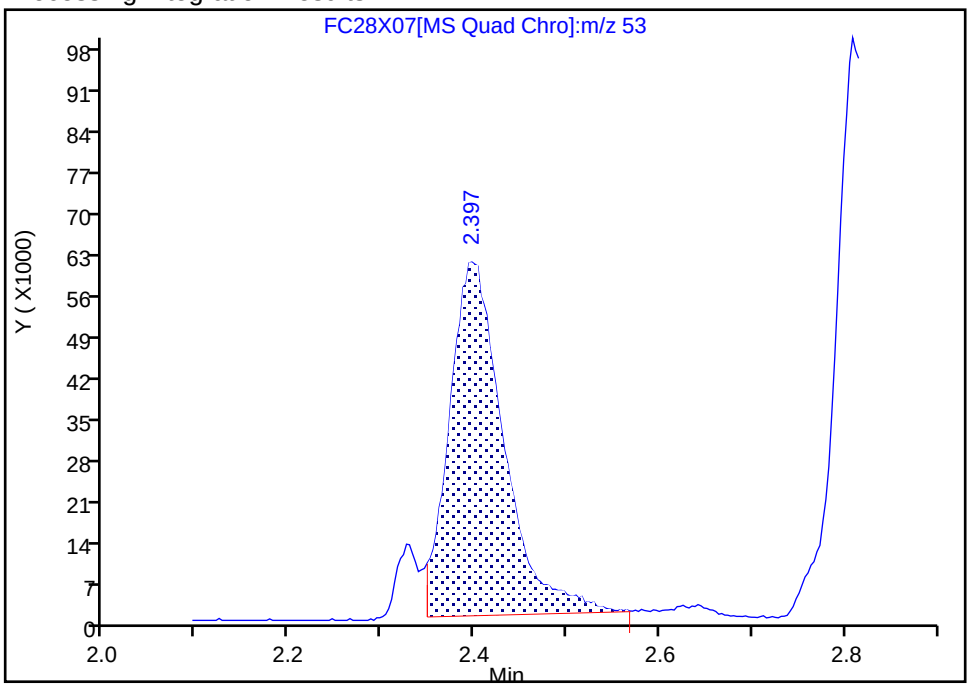
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Injection Date: 28-Oct-2024 17:50:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

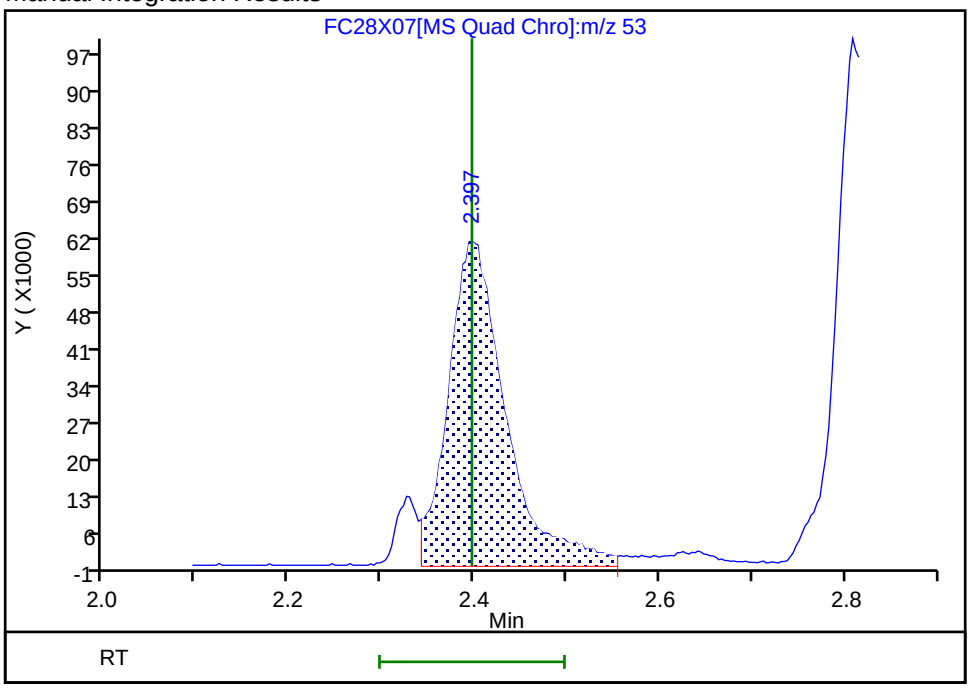
Processing Integration Results

RT: 2.40
Area: 247694
Amount: 110.6445
Amount Units: ug/l



Manual Integration Results

RT: 2.40
Area: 262919
Amount: 115.6139
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:21:30 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

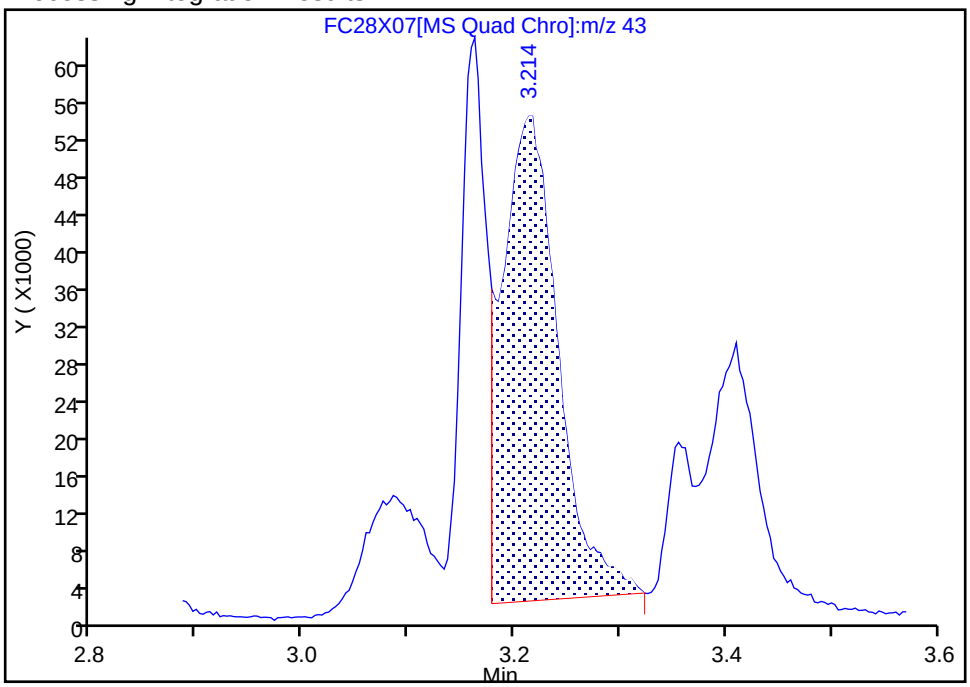
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D				
Injection Date:	28-Oct-2024 17:50:12	Instrument ID:	15830		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

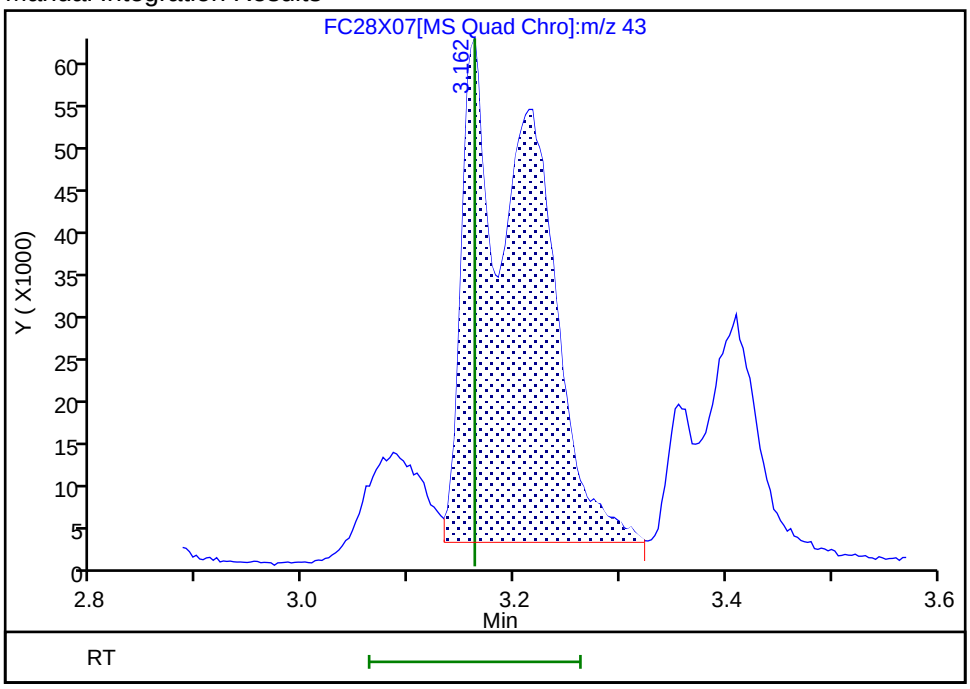
Processing Integration Results

RT: 3.21
Area: 191865
Amount: 106.1554
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 280399
Amount: 86.944196
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:08:28 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

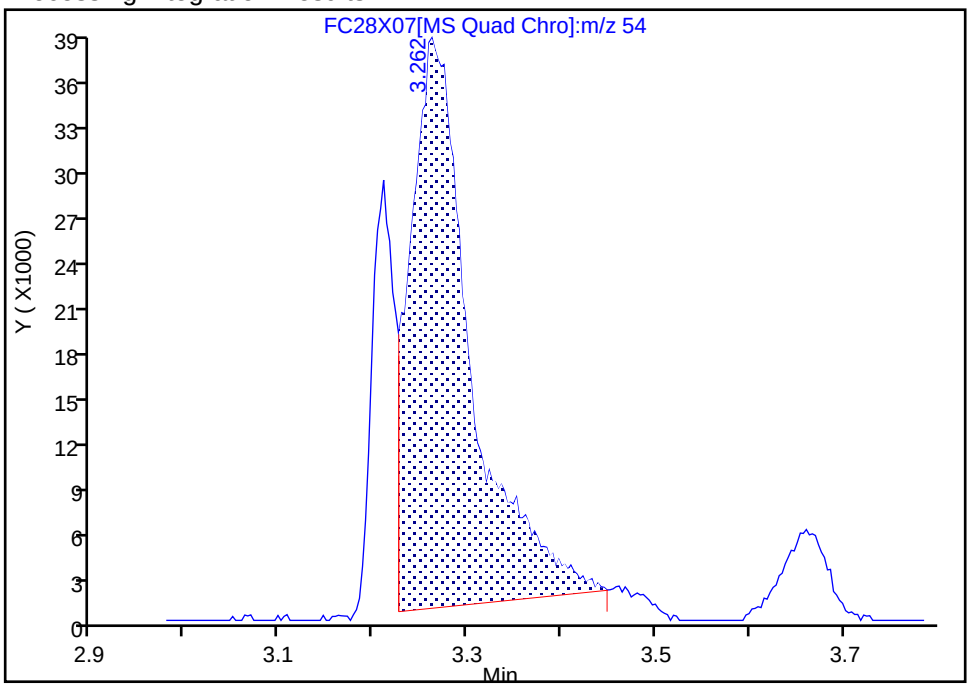
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D				
Injection Date:	28-Oct-2024 17:50:12	Instrument ID:	15830		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

34 Propionitrile, CAS: 107-12-0

Signal: 1

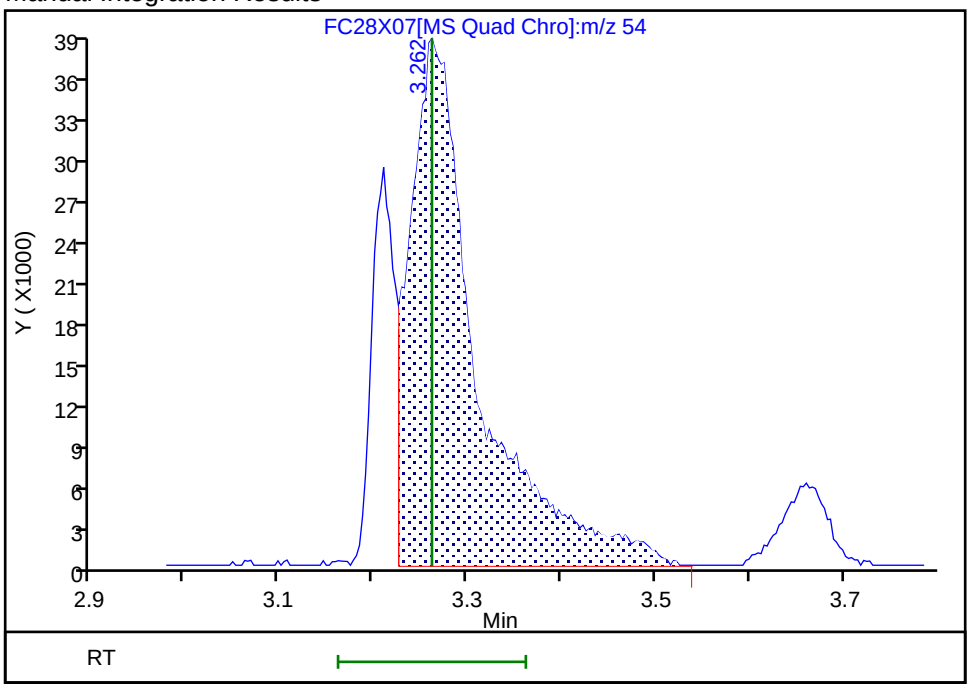
Processing Integration Results

RT: 3.26
Area: 168868
Amount: 193.3830
Amount Units: ug/l



Manual Integration Results

RT: 3.26
Area: 191619
Amount: 200.3505
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:09:02 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

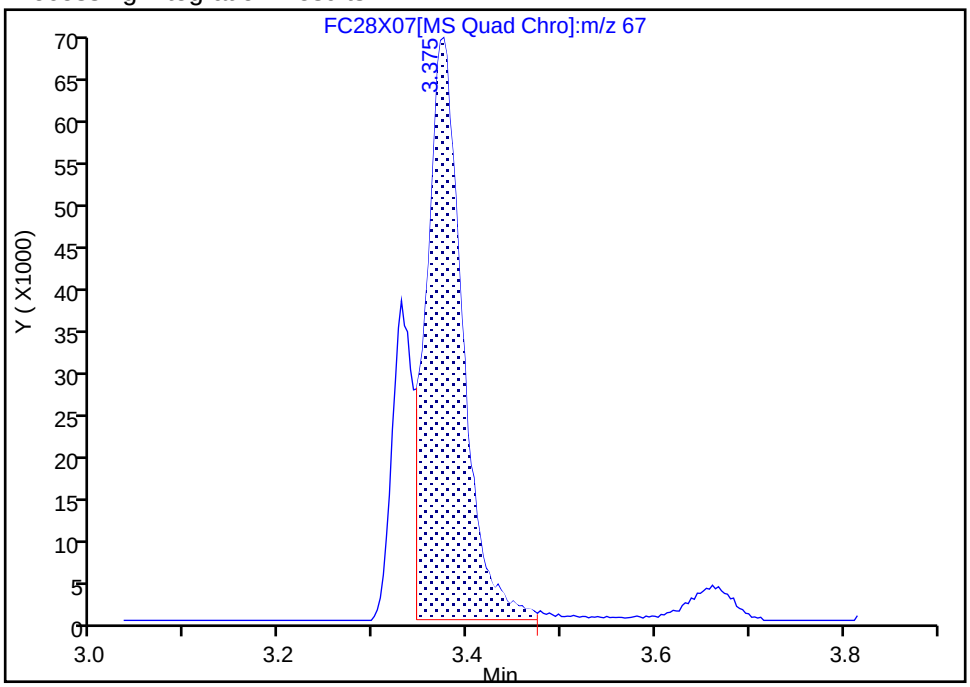
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D
Injection Date: 28-Oct-2024 17:50:12 Instrument ID: 15830
Lims ID: ICIS v50
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 8
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

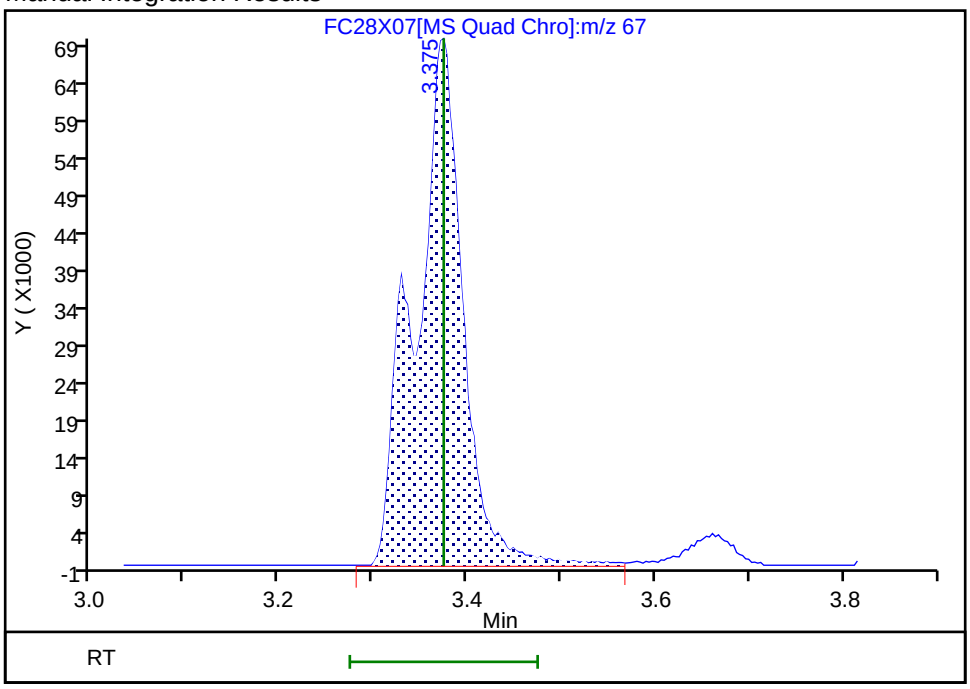
Processing Integration Results

RT: 3.37
Area: 185904
Amount: 120.2433
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 243764
Amount: 122.6325
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:09:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

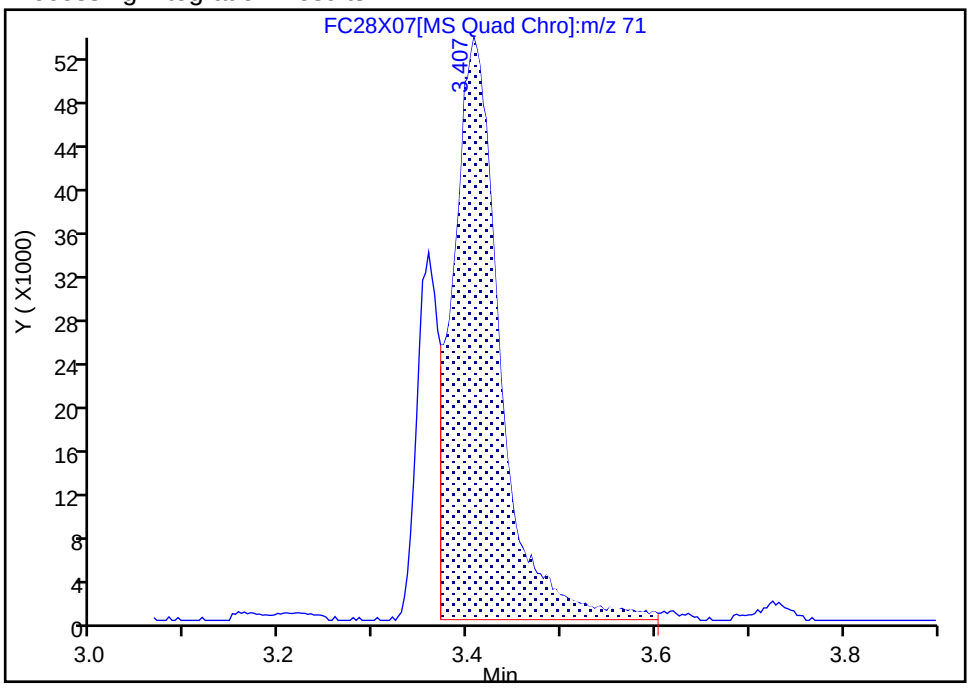
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D				
Injection Date:	28-Oct-2024 17:50:12	Instrument ID:	15830		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

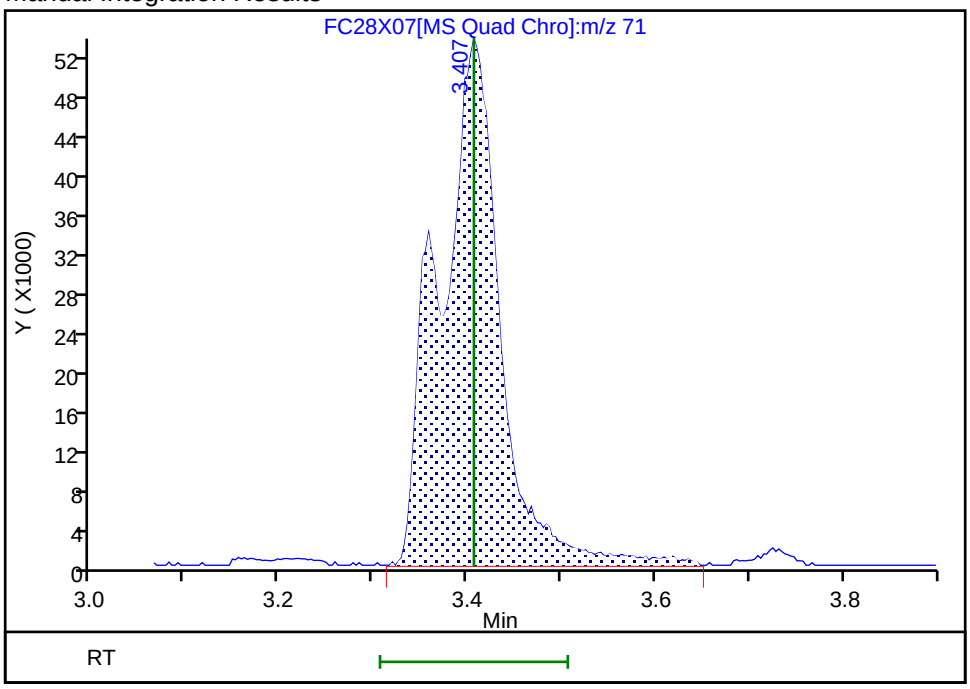
Processing Integration Results

RT: 3.41
Area: 191105
Amount: 248.4331
Amount Units: ug/l



Manual Integration Results

RT: 3.41
Area: 242696
Amount: 246.6978
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:09:48 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

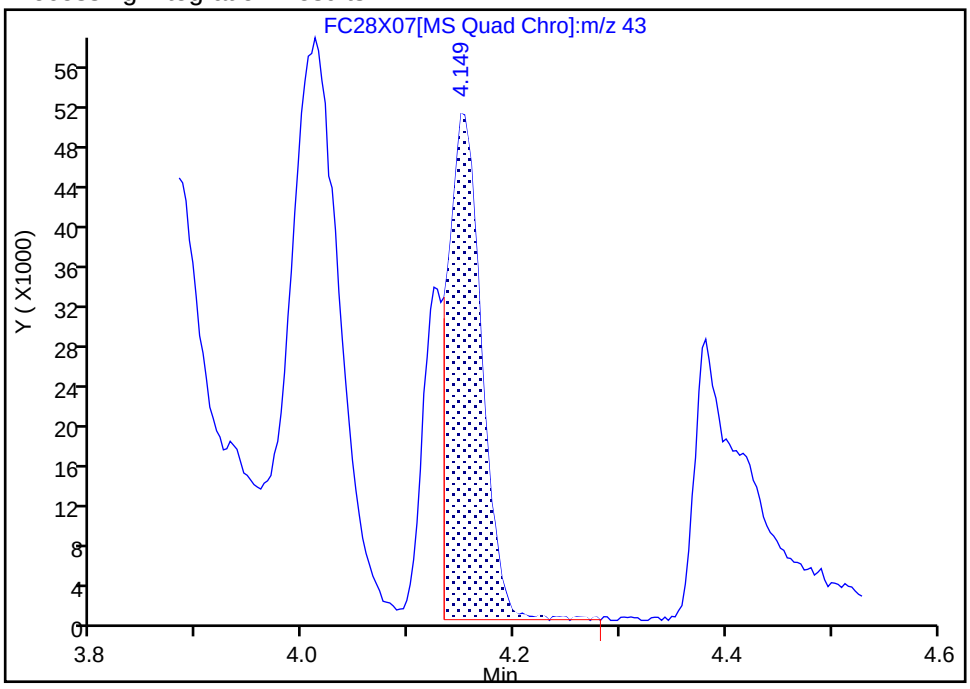
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X07.D				
Injection Date:	28-Oct-2024 17:50:12	Instrument ID:	15830		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	8
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

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

Signal: 1

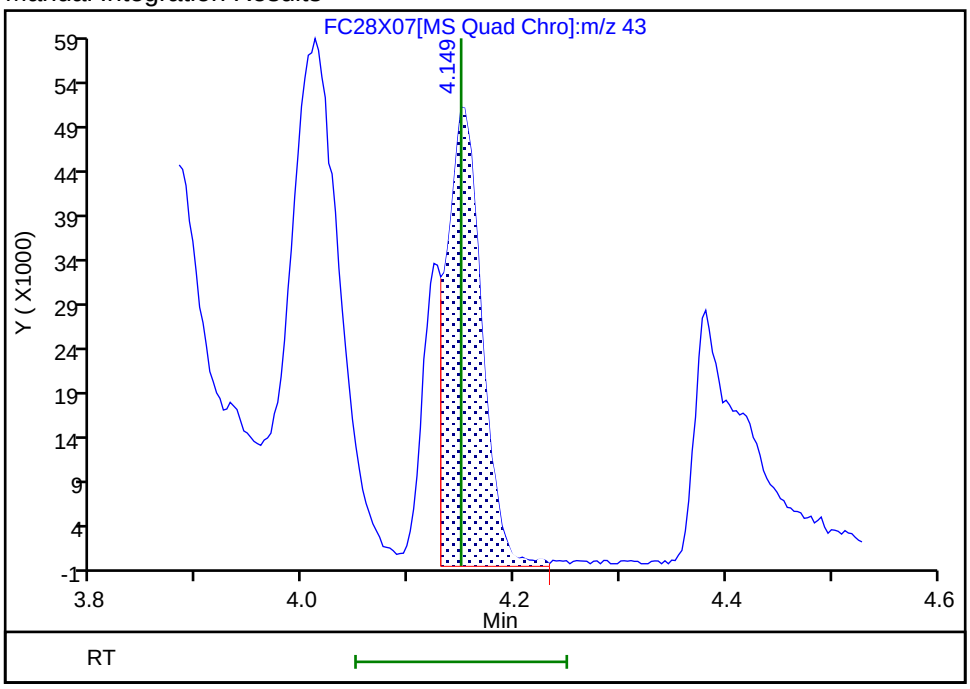
Processing Integration Results

RT: 4.15
Area: 112419
Amount: 65.041295
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 118960
Amount: 52.955228
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:10:27 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Lims ID: IC v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 28-Oct-2024 18:09:58 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v100
Misc. Info.: 410-0129020-009
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:35 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 08:46:53

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.018	1.018	0.000	99	456105	100.0	96.8	
2 Chloromethane	50	1.130	1.133	-0.003	99	478271	100.0	96.0	M
4 Butadiene	39	1.198	1.191	0.007	90	456535	100.0	86.9	
3 Vinyl chloride	62	1.188	1.198	-0.010	98	390806	100.0	95.6	
5 Bromomethane	94	1.375	1.381	-0.006	91	287896	100.0	94.2	
6 Chloroethane	64	1.394	1.397	-0.003	100	229802	100.0	95.7	
8 Pentane	43	1.545	1.555	-0.010	96	482799	100.0	96.3	
16 Dichlorofluoromethane	67	1.558	1.564	-0.006	99	669769	100.0	89.4	
7 Trichlorofluoromethane	101	1.584	1.590	-0.006	97	602557	100.0	98.9	M
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.761	1.760	0.000	92	366020	100.0	89.5	
9 Acrolein	56	1.777	1.786	-0.009	99	1110291	1002.1	1219.3	
10 1,1-Dichloroethene	96	1.867	1.870	-0.003	98	290635	100.0	98.2	
11 Acetone	58	1.883	1.889	-0.006	96	127111	200.0	216.4	M
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.889	1.895	-0.006	91	352558	100.0	107.1	
13 Iodomethane	142	1.970	1.973	-0.003	98	634441	100.0	100.0	
15 Isopropyl alcohol	45	1.979	2.031	-0.051	79	251618	500.0	488.2	Ma
14 Carbon disulfide	76	2.043	2.053	-0.010	99	880749	100.0	97.1	M
18 Methyl acetate	43	2.105	2.104	0.001	77	357516	100.0	87.1	
17 3-Chloro-1-propene	41	2.098	2.108	-0.010	85	460124	100.0	91.9	
19 Methylene Chloride	84	2.236	2.227	0.009	91	322631	100.0	97.0	
* 20 t-Butyl alcohol-d10 (IS)	65	2.259	2.294	-0.035	42	347861	250.0	250.0	
21 2-Methyl-2-propanol	59	2.323	2.358	-0.035	97	674125	500.0	495.2	
23 Acrylonitrile	53	2.387	2.397	-0.010	97	511787	250.0	244.8	
24 trans-1,2-Dichloroethene	96	2.410	2.416	-0.006	99	316404	100.0	97.9	
25 Methyl tert-butyl ether	73	2.404	2.420	-0.016	91	927541	100.0	96.2	
26 Hexane	57	2.629	2.632	-0.003	93	396436	100.0	100.6	
27 1,1-Dichloroethane	63	2.748	2.754	-0.006	96	536447	100.0	98.9	
28 Isopropyl ether	45	2.796	2.802	-0.006	95	841365	100.0	98.1	
29 2-Chloro-1,3-butadiene	53	2.802	2.809	-0.007	92	496603	100.0	99.8	
30 Tert-butyl ethyl ether	59	3.072	3.082	-0.010	97	938520	100.0	98.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.166	3.162	0.004	98	586796	200.0	197.9	M
31 cis-1,2-Dichloroethene	96	3.198	3.204	-0.006	79	354629	100.0	96.0	
33 2,2-Dichloropropane	77	3.223	3.227	-0.004	88	524389	100.0	98.7	
34 Propionitrile	54	3.259	3.262	-0.003	98	472369	500.0	532.2	M
35 Methacrylonitrile	67	3.368	3.375	-0.006	94	454008	250.0	248.4	M
36 Chlorobromomethane	128	3.387	3.391	-0.004	89	183015	100.0	98.2	
37 Tetrahydrofuran	71	3.400	3.407	-0.007	89	458593	500.0	502.3	M
39 Chloroform	83	3.477	3.484	-0.007	93	557329	100.0	96.0	
40 1,1,1-Trichloroethane	97	3.613	3.606	0.007	98	539333	100.0	99.4	
$ 41 Dibromofluoromethane (Surr)	113	3.606	3.609	-0.003	93	170928	50.0	48.9	
42 Cyclohexane	56	3.664	3.661	0.003	90	551566	100.0	100.4	
43 Carbon tetrachloride	117	3.725	3.725	0.000	97	492337	100.0	103.6	
44 1,1-Dichloropropene	75	3.725	3.728	-0.003	96	427530	100.0	102.2	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.867	3.873	-0.006	77	39581	50.0	48.8	
45 Isobutyl alcohol	41	3.867	3.876	-0.009	92	394823	1250.0	1145.1	
47 Benzene	78	3.879	3.883	-0.004	97	1153418	100.0	101.8	
48 1,2-Dichloroethane	62	3.928	3.934	-0.006	98	409330	100.0	94.6	
49 Tert-amyl methyl ether	73	4.008	4.008	0.000	97	931711	100.0	100.4	
* 50 Fluorobenzene (IS)	96	4.130	4.133	-0.003	99	580089	50.0	50.0	
51 n-Heptane	43	4.146	4.149	-0.003	91	196706	100.0	95.2	M
52 n-Butanol	56	4.384	4.381	0.003	89	357711	1250.0	1238.2	
53 Trichloroethene	95	4.429	4.429	0.000	97	301783	100.0	100.0	
54 Methylcyclohexane	83	4.616	4.616	0.000	90	595619	100.0	105.2	
55 1,2-Dichloropropane	63	4.638	4.641	-0.003	95	256215	100.0	102.0	
56 2-ethoxy-2-methyl butane	87	4.661	4.661	0.000	94	501436	100.0	101.0	
58 1,4-Dioxane	88	4.686	4.680	0.006	86	98773	1250.0	1264.4	M
59 Methyl methacrylate	69	4.703	4.699	0.003	88	223781	100.0	96.2	
57 Dibromomethane	93	4.706	4.712	-0.006	95	189908	100.0	98.7	
60 Dichlorobromomethane	83	4.870	4.870	0.000	99	356955	100.0	102.9	
61 2-Nitropropane	41	5.043	5.040	0.003	99	761454	500.0	513.8	
62 2-Chloroethyl vinyl ether	63	5.114	5.111	0.003	94	161068	100.0	100.6	
63 cis-1,3-Dichloropropene	75	5.230	5.233	-0.003	95	383911	100.0	103.5	
64 4-Methyl-2-pentanone (MIBK)	43	5.378	5.384	-0.006	97	962763	200.0	203.5	
$ 65 Toluene-d8 (Surr)	98	5.452	5.452	0.000	93	518497	50.0	50.7	
66 Toluene	92	5.510	5.509	0.001	98	638457	100.0	102.0	
67 trans-1,3-Dichloropropene	75	5.712	5.709	0.003	94	338789	100.0	103.0	
68 Ethyl methacrylate	69	5.773	5.776	-0.003	88	367864	100.0	97.7	
69 1,1,2-Trichloroethane	97	5.857	5.857	0.000	92	211377	100.0	98.9	
70 Tetrachloroethene	166	5.908	5.905	0.003	98	314560	100.0	100.7	
71 1,3-Dichloropropane	76	5.969	5.969	0.000	92	339685	100.0	99.4	
73 2-Hexanone	43	6.027	6.027	0.000	96	667515	200.0	196.6	
74 Chlorodibromomethane	129	6.124	6.120	0.004	89	269516	100.0	107.0	
S 72 1,2-Dichloroethene, Total	100				0			194.0	
75 Ethylene Dibromide	107	6.191	6.191	0.000	99	237038	100.0	100.6	
* 76 Chlorobenzene-d5 (IS)	117	6.510	6.509	0.001	84	378425	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	95	701528	100.0	100.4	
78 1-Chlorohexane	91	6.538	6.538	0.000	96	335514	100.0	98.9	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	95	321556	100.0	103.1	
80 Ethylbenzene	91	6.603	6.603	0.000	98	1268213	100.0	97.8	
81 m-Xylene & p-Xylene	106	6.686	6.689	-0.003	99	1018358	200.0	198.8	
82 o-Xylene	106	6.924	6.924	0.000	97	549757	100.0	100.0	
83 Styrene	104	6.937	6.937	0.000	94	767056	100.0	100.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.040	7.040	0.000	97	200520	100.0	105.1	
85 Isopropylbenzene	105	7.149	7.149	0.000	95	1386317	100.0	102.9	
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	91	189411	50.0	48.2	
87 Bromobenzene	156	7.320	7.320	0.000	91	310737	100.0	104.0	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	95	412061	100.0	105.0	
89 trans-1,4-Dichloro-2-butene	53	7.355	7.355	0.000	87	272999	250.0	264.8	
90 1,2,3-Trichloropropane	110	7.362	7.361	0.001	86	135837	100.0	99.7	
91 N-Propylbenzene	91	7.391	7.390	0.000	99	1585994	100.0	106.7	
92 2-Chlorotoluene	126	7.436	7.435	0.001	97	333287	100.0	103.8	
93 1,3,5-Trimethylbenzene	105	7.497	7.497	0.000	97	1257243	100.0	108.4	
94 4-Chlorotoluene	126	7.506	7.506	0.000	99	304634	100.0	103.7	
95 tert-Butylbenzene	134	7.667	7.667	0.000	93	267086	100.0	114.4	
96 1,2,4-Trimethylbenzene	105	7.702	7.702	0.000	97	1228343	100.0	105.0	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	1562659	100.0	112.2	a
98 1,3-Dichlorobenzene	146	7.850	7.850	0.000	98	589874	100.0	102.3	
99 4-Isopropyltoluene	119	7.876	7.876	0.000	97	1378692	100.0	111.3	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	94	220379	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	95	583223	100.0	100.4	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	98	1300855	100.0	108.1	
103 Benzyl chloride	91	7.966	7.966	0.000	98	834976	100.0	101.1	
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	95	743108	100.0	107.5	
105 p-Diethylbenzene	119	8.079	8.079	0.001	93	756756	100.0	106.2	
106 n-Butylbenzene	92	8.091	8.091	0.000	98	576238	100.0	107.6	
107 1,2-Dichlorobenzene	146	8.095	8.095	0.000	98	606848	100.0	101.9	
108 o-diethylbenzene	119	8.127	8.127	0.000	95	647261	100.0	111.0	
109 1,2-Dibromo-3-Chloropropane	75	8.503	8.503	0.000	88	162476	100.0	106.8	
110 1,3,5-Trichlorobenzene	180	8.599	8.599	0.000	98	450305	100.0	104.3	
111 1,2,4-Trichlorobenzene	180	8.915	8.914	0.001	94	455018	100.0	103.8	
112 Hexachlorobutadiene	225	8.989	8.988	0.000	98	164535	100.0	108.0	
113 Naphthalene	128	9.046	9.046	0.000	97	1909973	100.0	103.4	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	97	476902	100.0	105.1	
115 2-Methylnaphthalene	142	9.599	9.599	0.000	93	1091874	100.0	109.0	
S 137 1,3-Dichloropropene, Total	100				0			206.4	
S 138 Xylenes, Total	106				0			298.8	
S 139 Total Diethylbenzene	1				0			324.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00207	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_00905	Amount Added:	2.50	Units: uL	
MSV_CCV_VOC#3_00205	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00199	Amount Added:	5.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

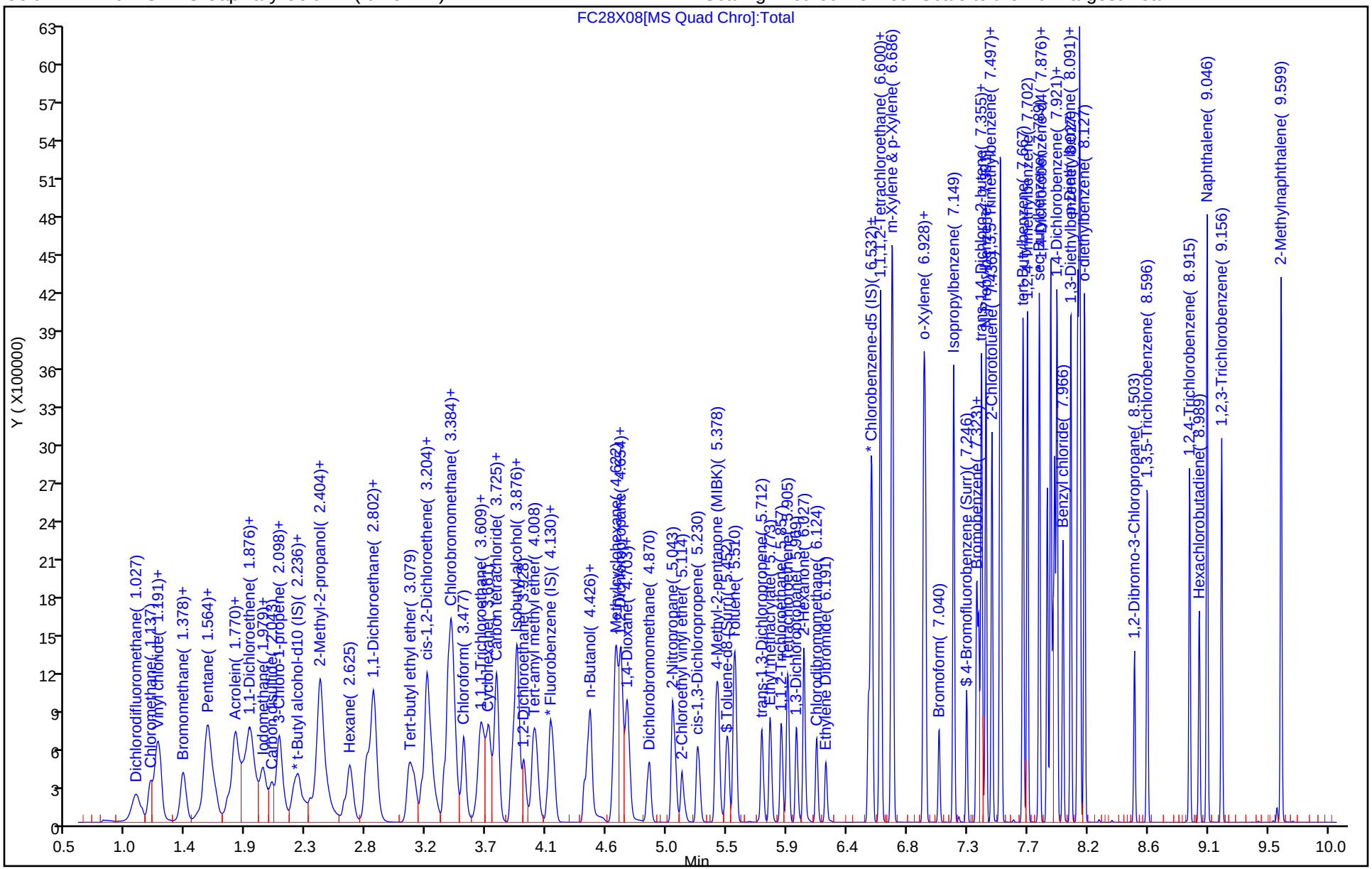
Report Date: 30-Oct-2024 14:31:36 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D

Injection Date:	28-Oct-2024 18:09:58	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	IC v100			Worklist Smp#:	9
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

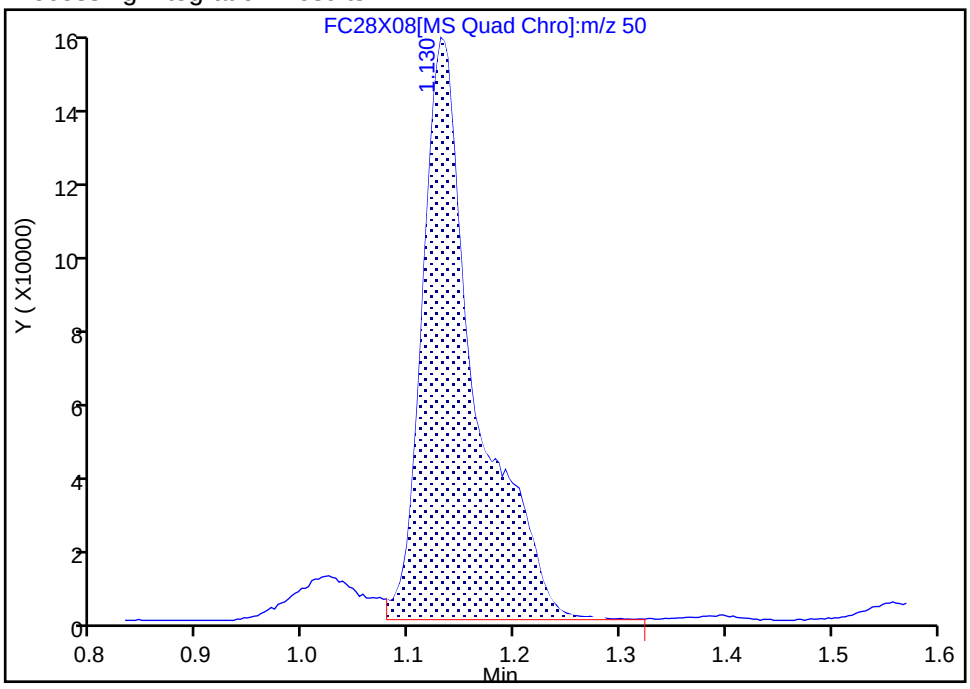
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

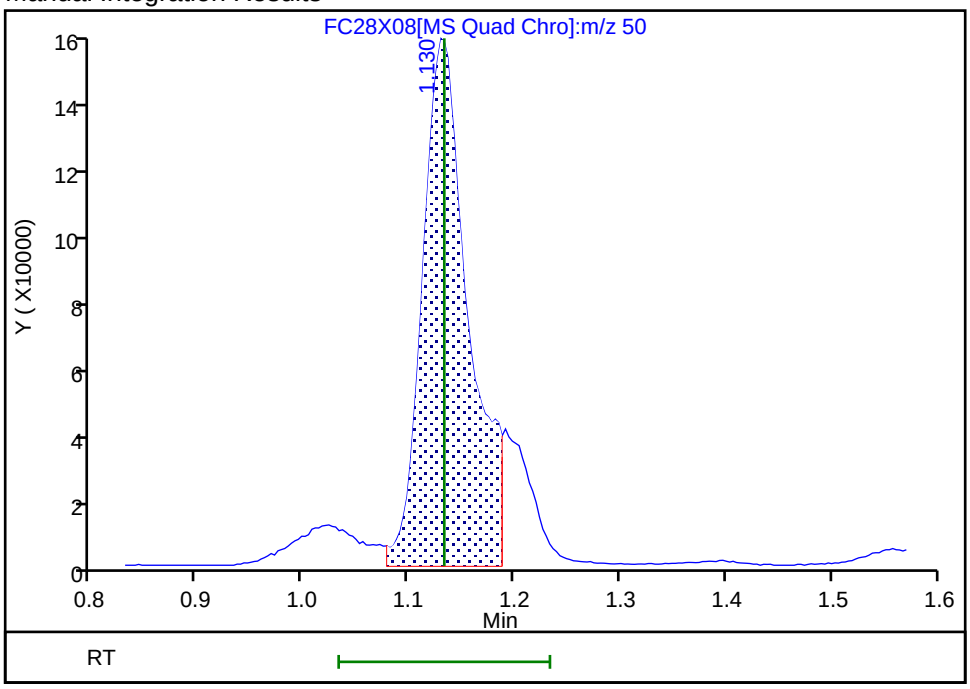
Processing Integration Results

RT: 1.13
Area: 553054
Amount: 105.5572
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 478271
Amount: 95.990829
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:12:00 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

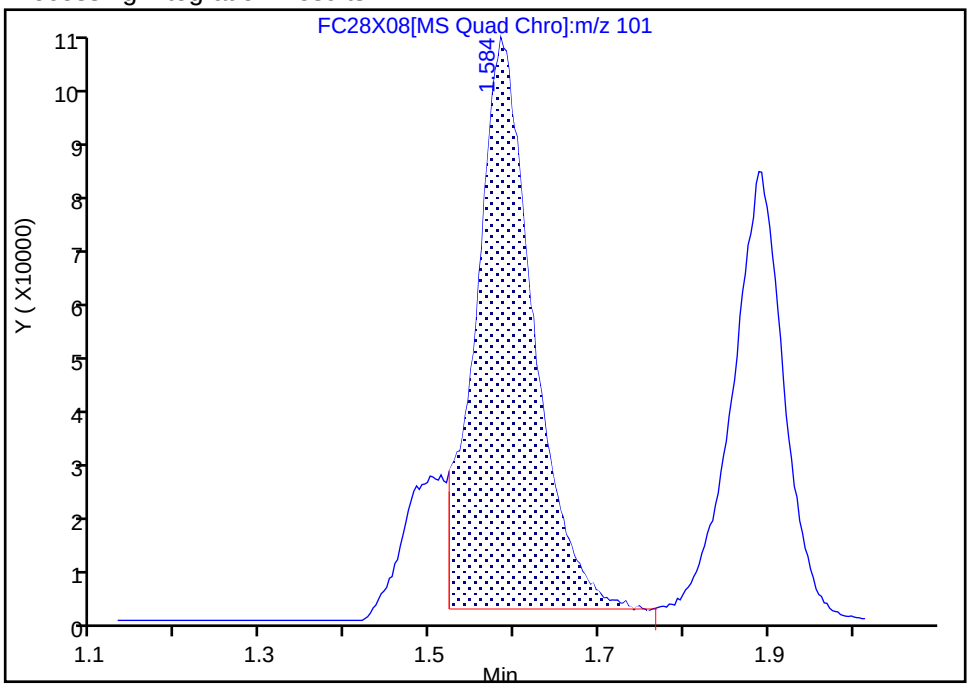
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

7 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

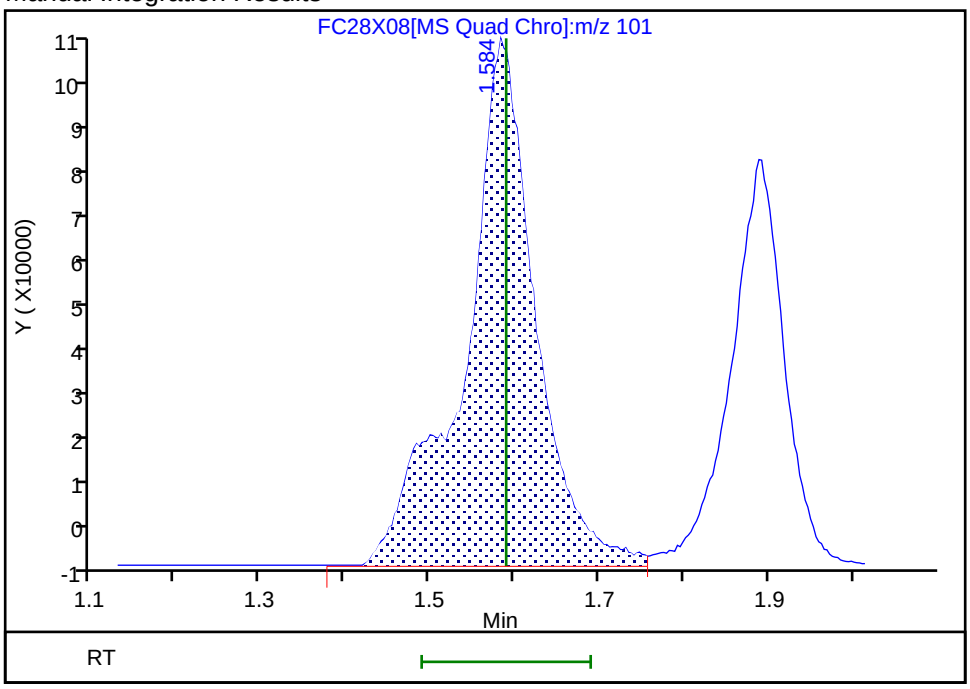
Processing Integration Results

RT: 1.58
Area: 480330
Amount: 84.261862
Amount Units: ug/l



Manual Integration Results

RT: 1.58
Area: 602557
Amount: 98.917620
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:46:37 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

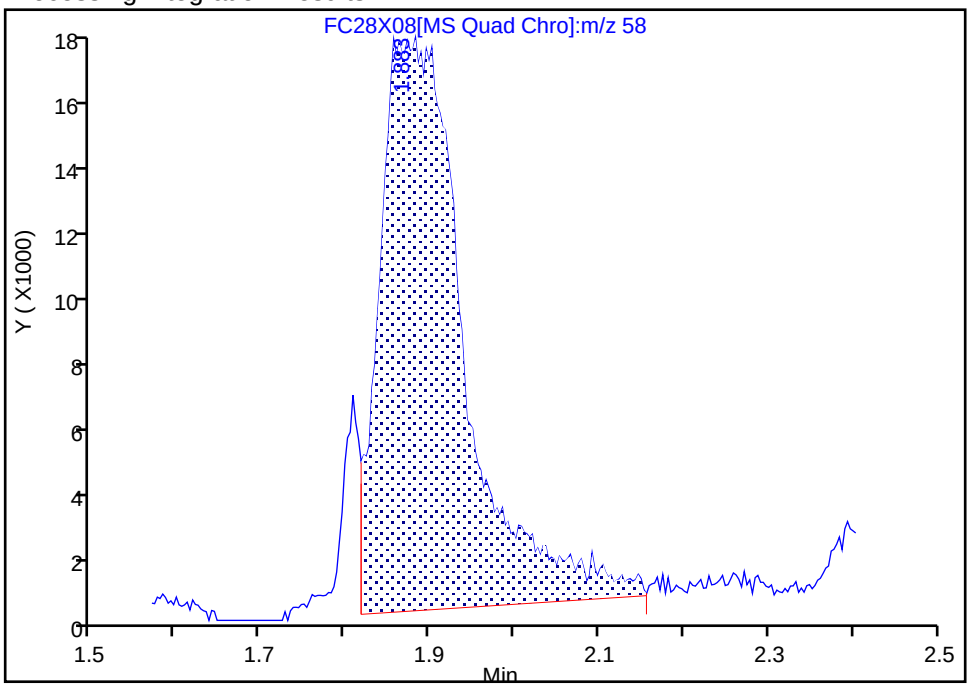
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

11 Acetone, CAS: 67-64-1

Signal: 1

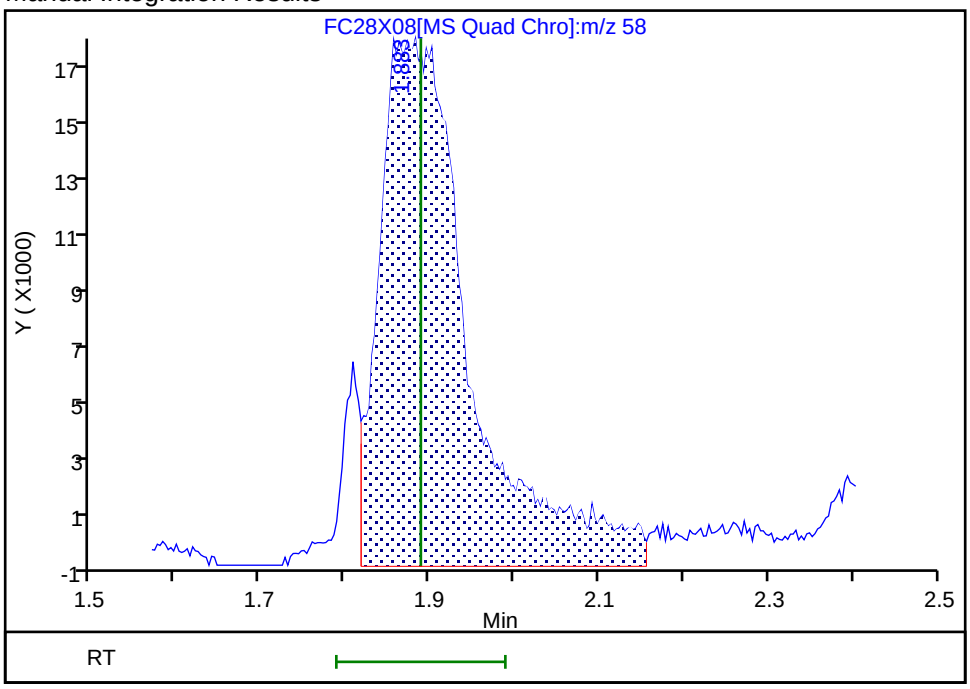
Processing Integration Results

RT: 1.88
Area: 118143
Amount: 202.8441
Amount Units: ug/l



Manual Integration Results

RT: 1.88
Area: 127111
Amount: 216.3671
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:46:49 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

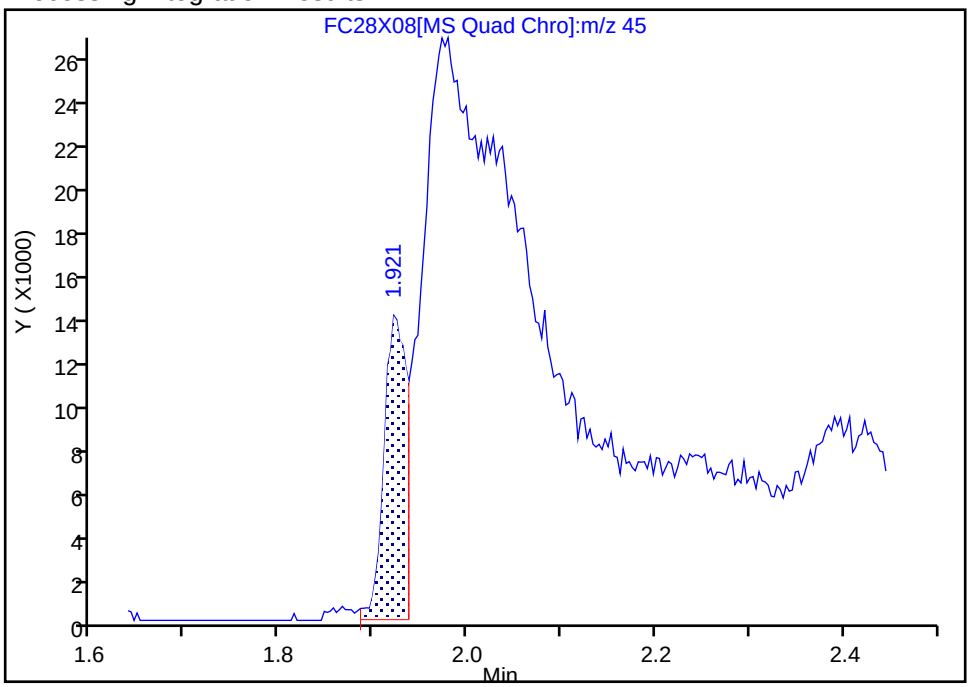
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D				
Injection Date:	28-Oct-2024 18:09:58	Instrument ID:	15830		
Lims ID:	IC v100				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

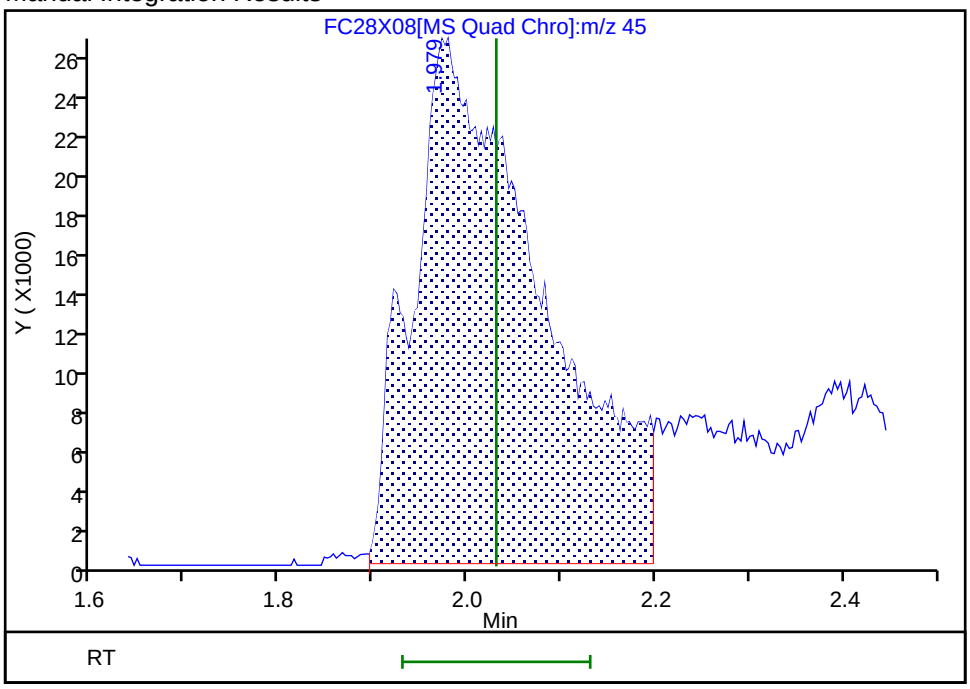
Processing Integration Results

RT: 1.92
Area: 22977
Amount: 88.218354
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 251618
Amount: 488.1508
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:48:34 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

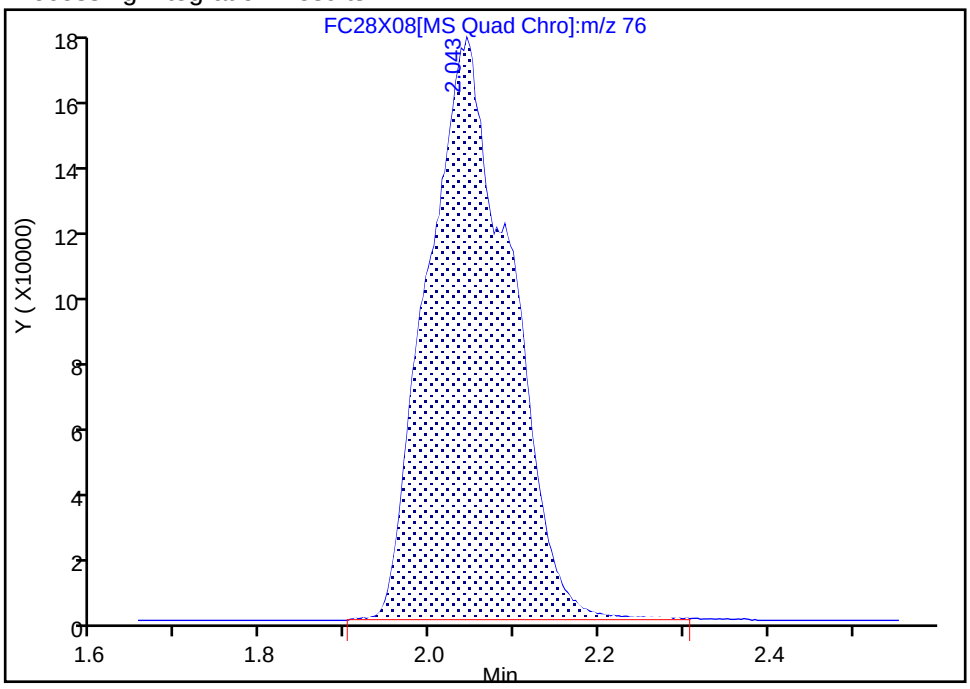
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

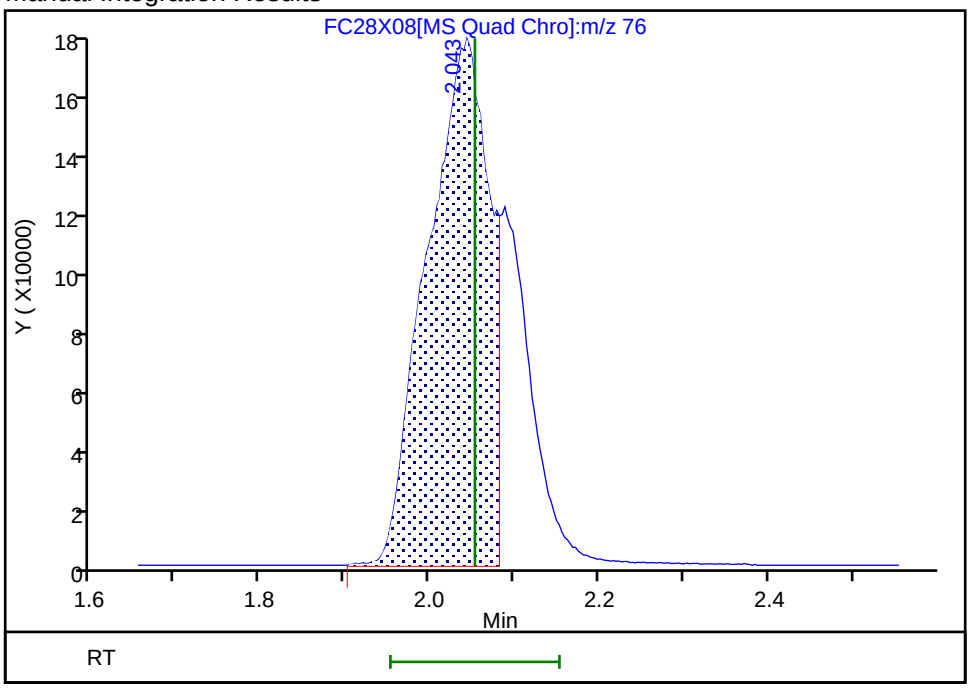
Processing Integration Results

RT: 2.04
Area: 1172144
Amount: 117.8616
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 880749
Amount: 97.127425
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:48:43 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

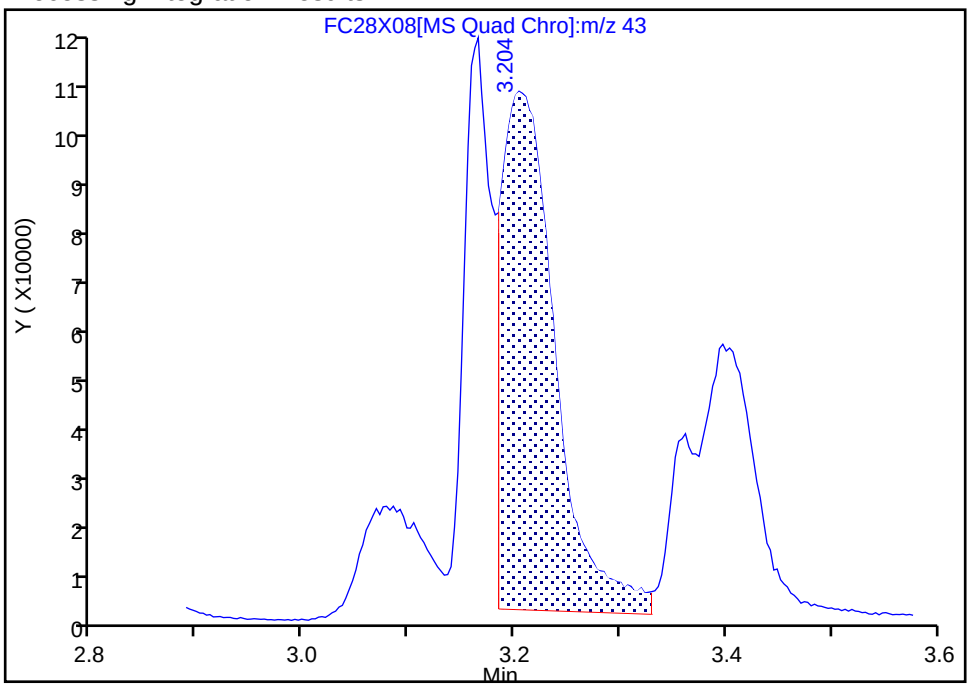
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

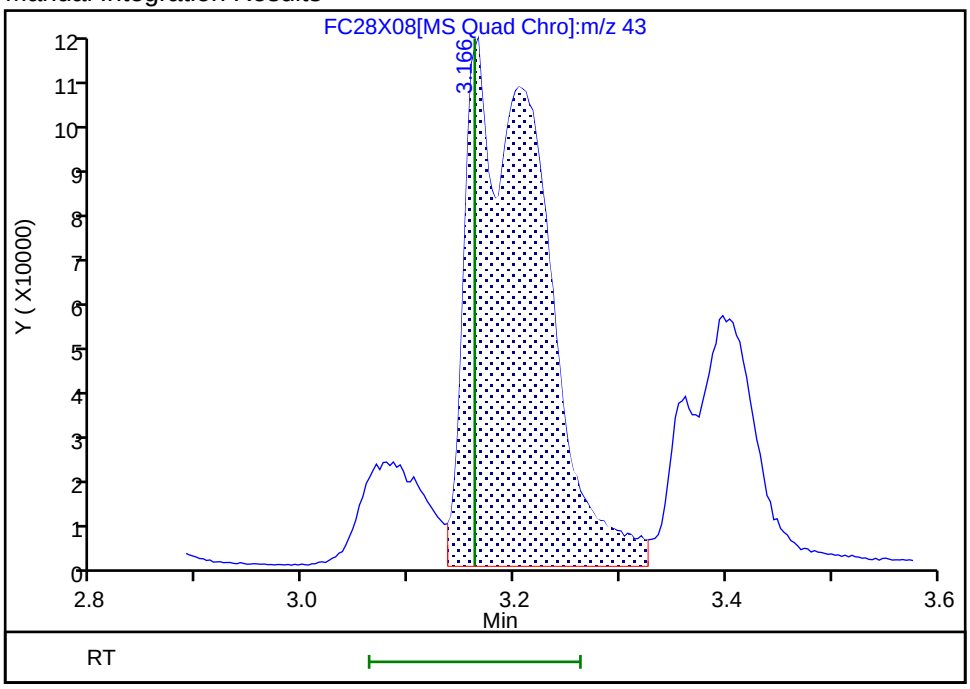
Processing Integration Results

RT: 3.20
Area: 363030
Amount: 204.1907
Amount Units: ug/l



Manual Integration Results

RT: 3.17
Area: 586796
Amount: 197.9124
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:48:57 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

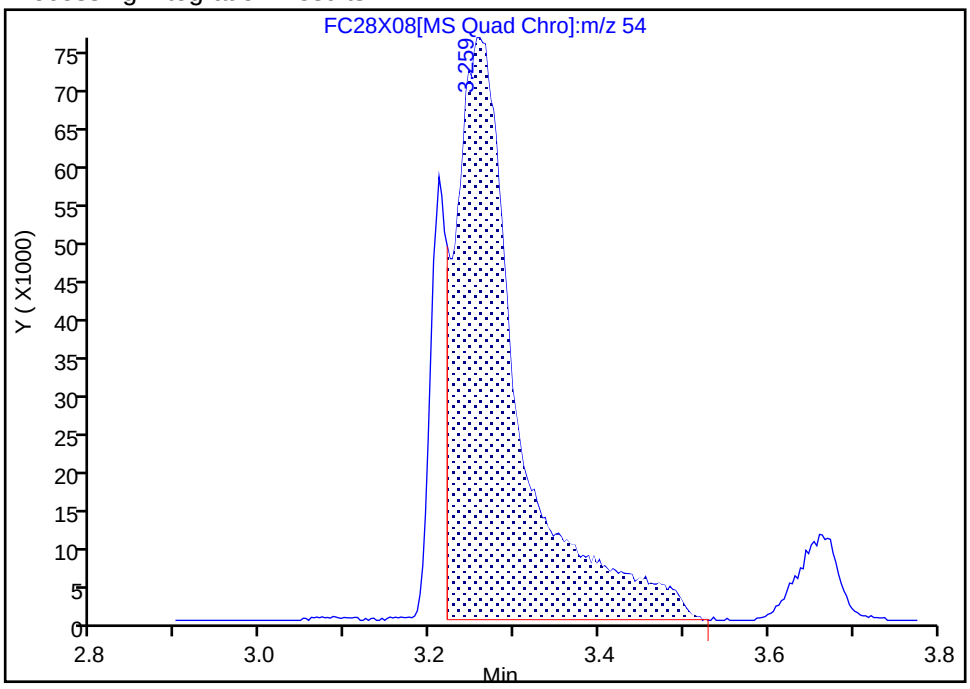
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

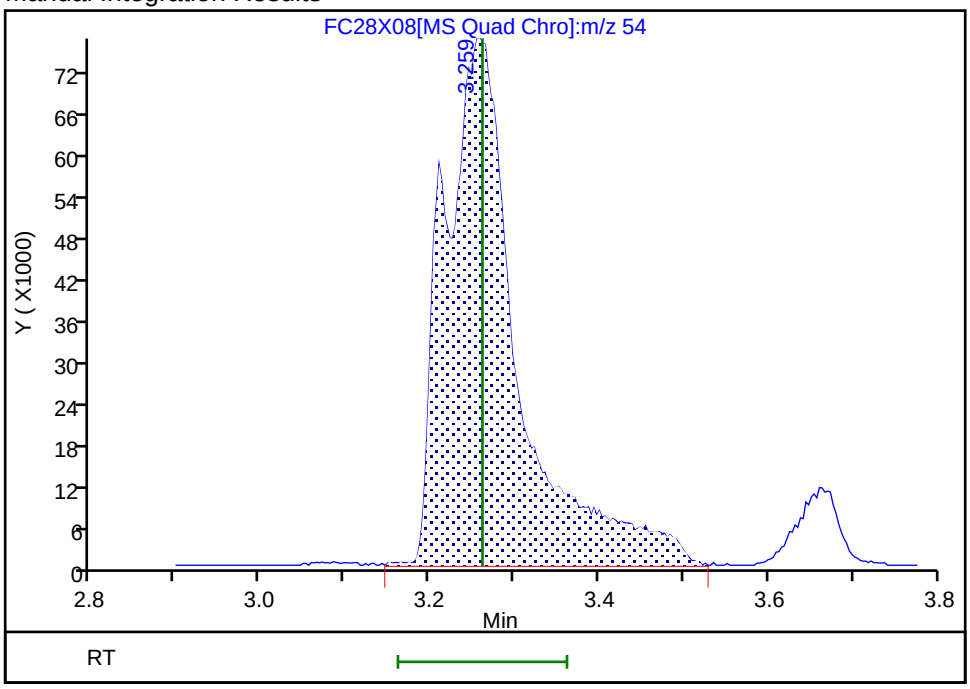
Processing Integration Results

RT: 3.26
Area: 403643
Amount: 509.0959
Amount Units: ug/l



Manual Integration Results

RT: 3.26
Area: 472369
Amount: 532.2194
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:49:06 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

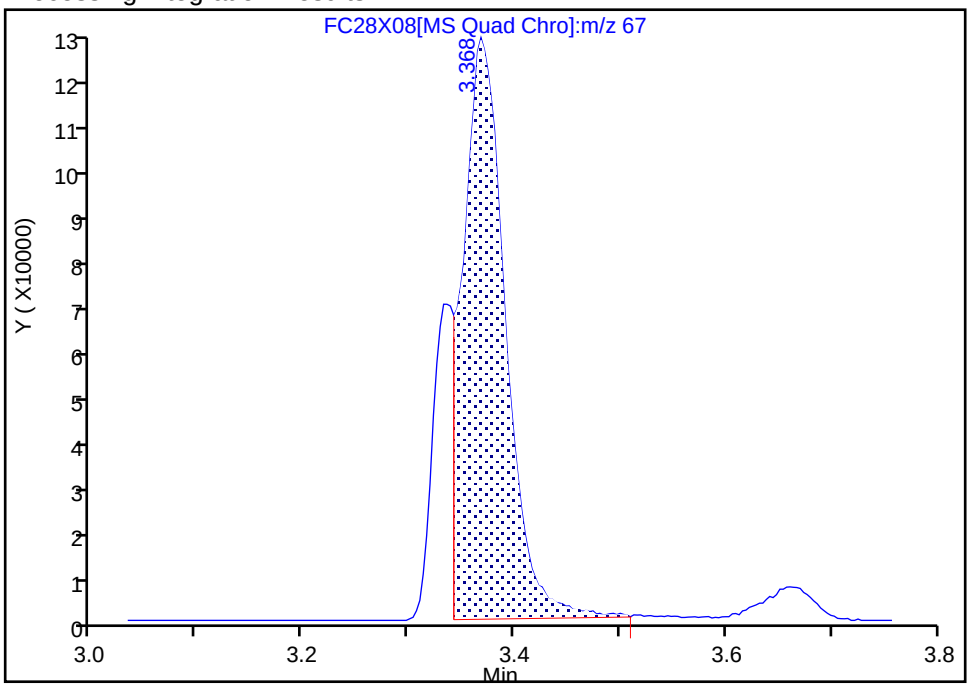
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

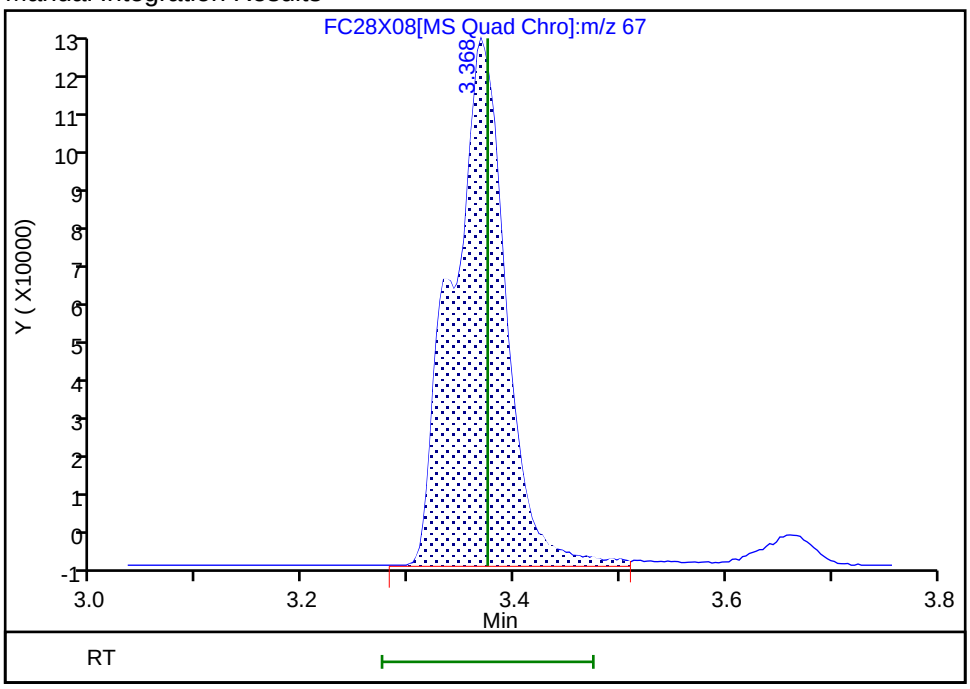
Processing Integration Results

RT: 3.37
Area: 363281
Amount: 245.1025
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 454008
Amount: 248.4398
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:49:17 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

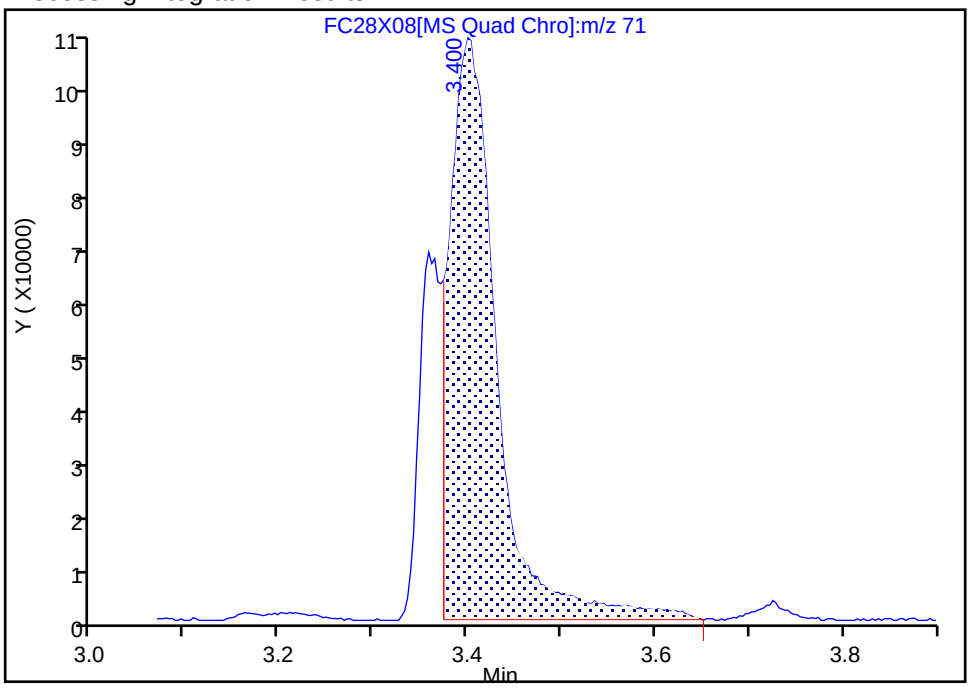
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

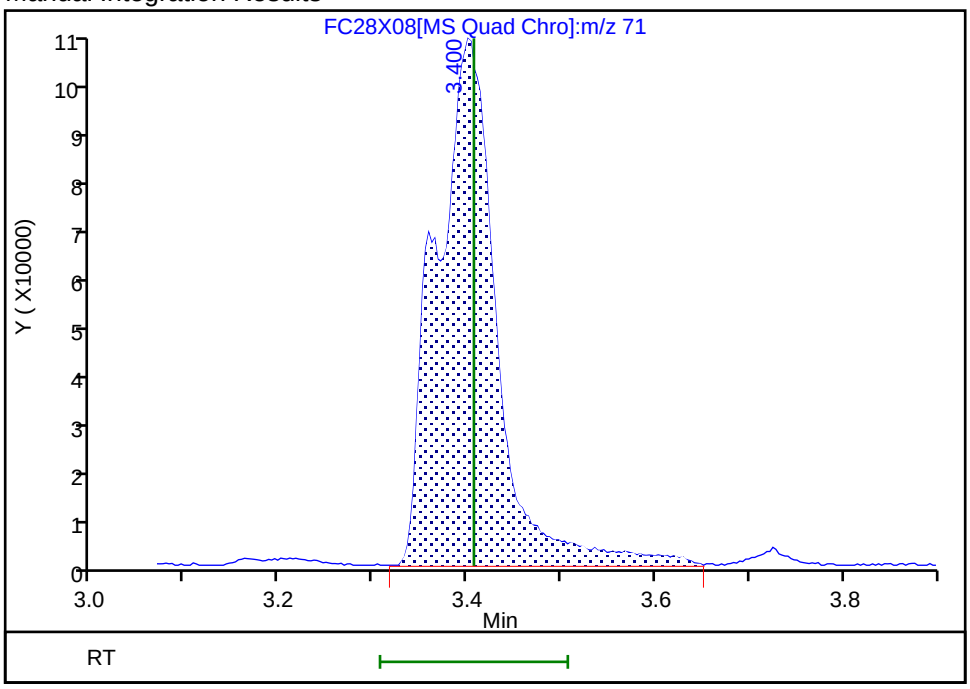
Processing Integration Results

RT: 3.40
Area: 357712
Amount: 482.6090
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 458593
Amount: 502.3284
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:49:28 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

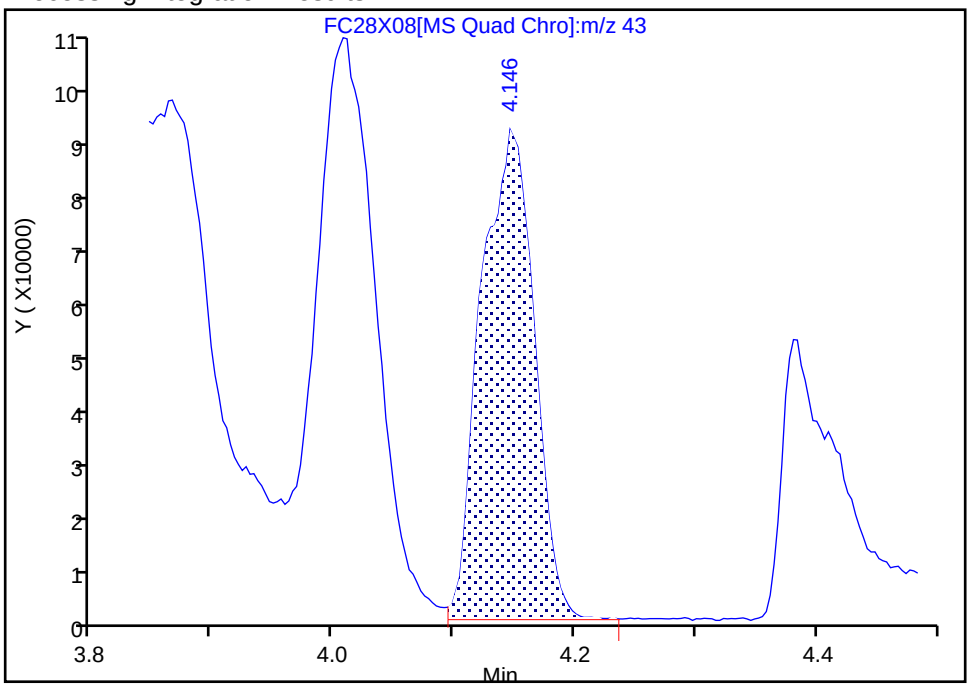
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D				
Injection Date:	28-Oct-2024 18:09:58	Instrument ID:	15830		
Lims ID:	IC v100				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

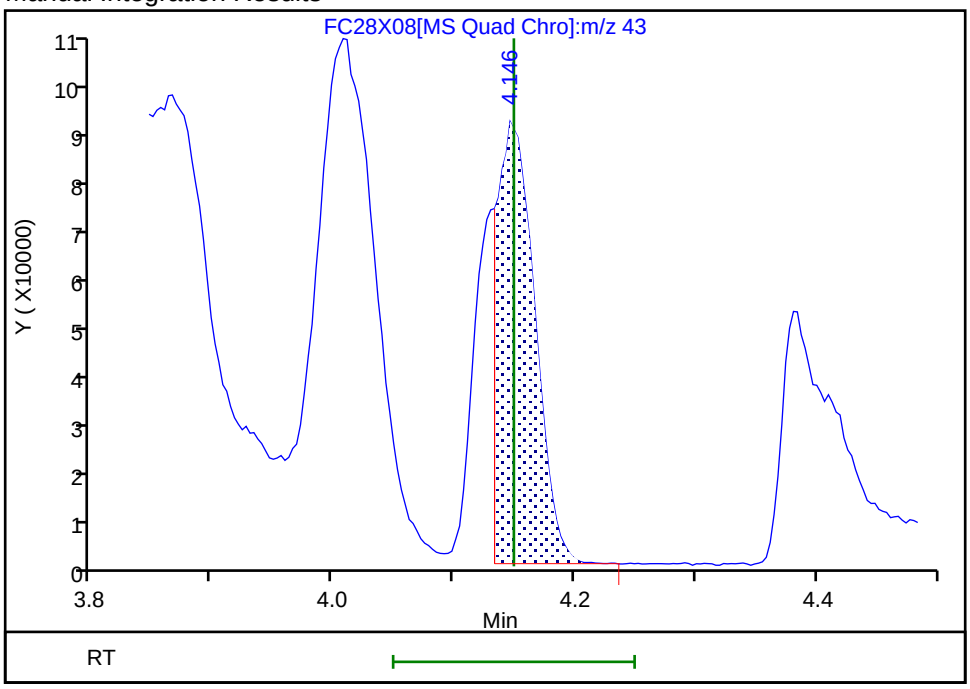
Processing Integration Results

RT: 4.15
Area: 275668
Amount: 126.5669
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 196706
Amount: 95.246087
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 09:53:58 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

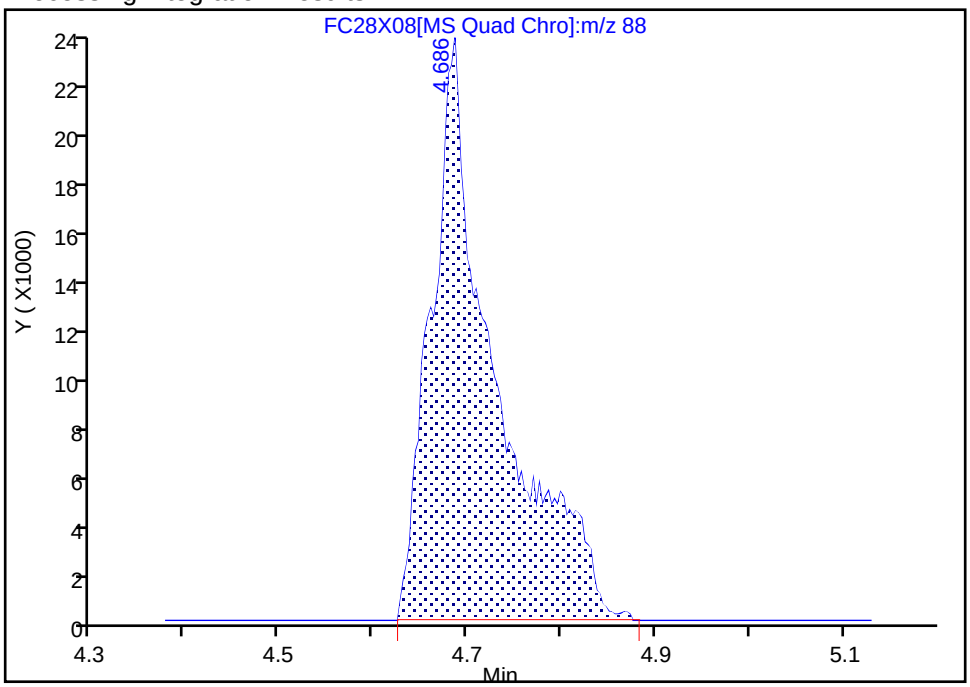
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D				
Injection Date:	28-Oct-2024 18:09:58	Instrument ID:	15830		
Lims ID:	IC v100				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	9
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

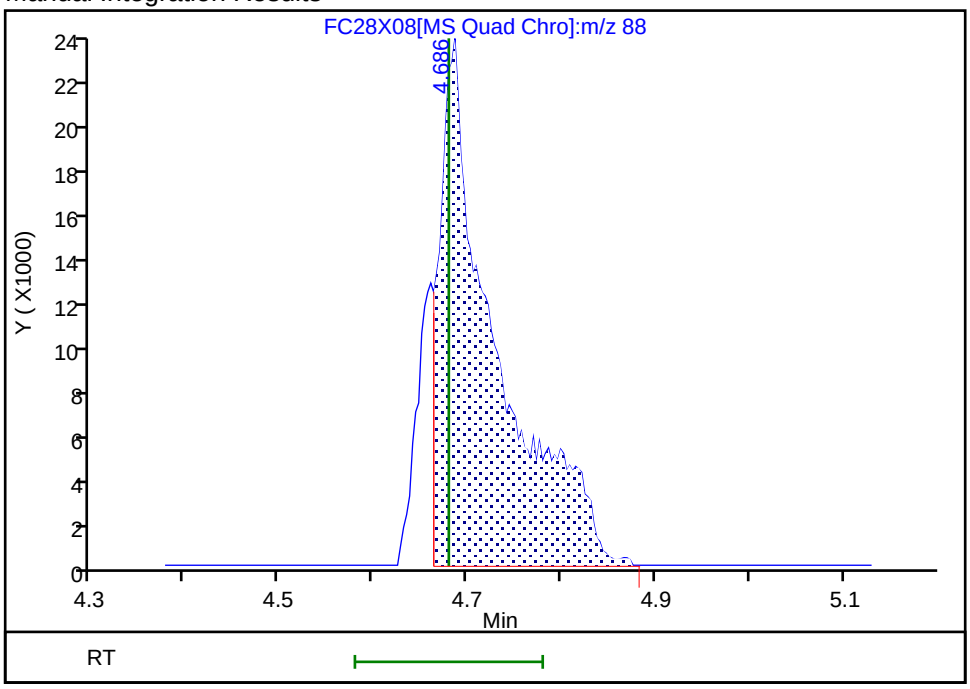
Processing Integration Results

RT: 4.69
Area: 113367
Amount: 1274.5696
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 98773
Amount: 1264.4018
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:49:45 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

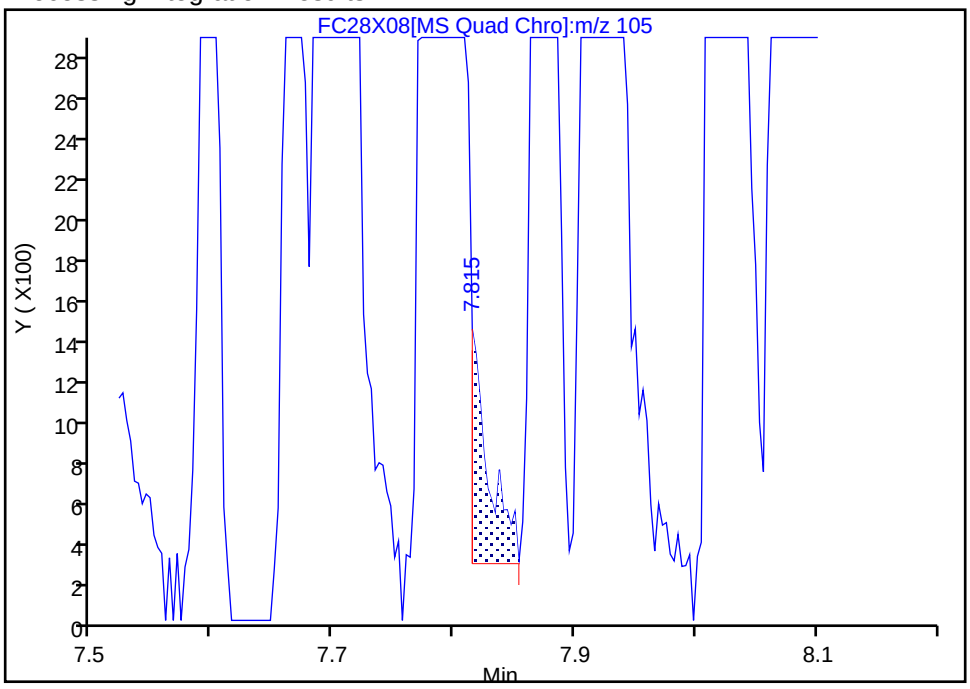
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X08.D
Injection Date: 28-Oct-2024 18:09:58 Instrument ID: 15830
Lims ID: IC v100
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

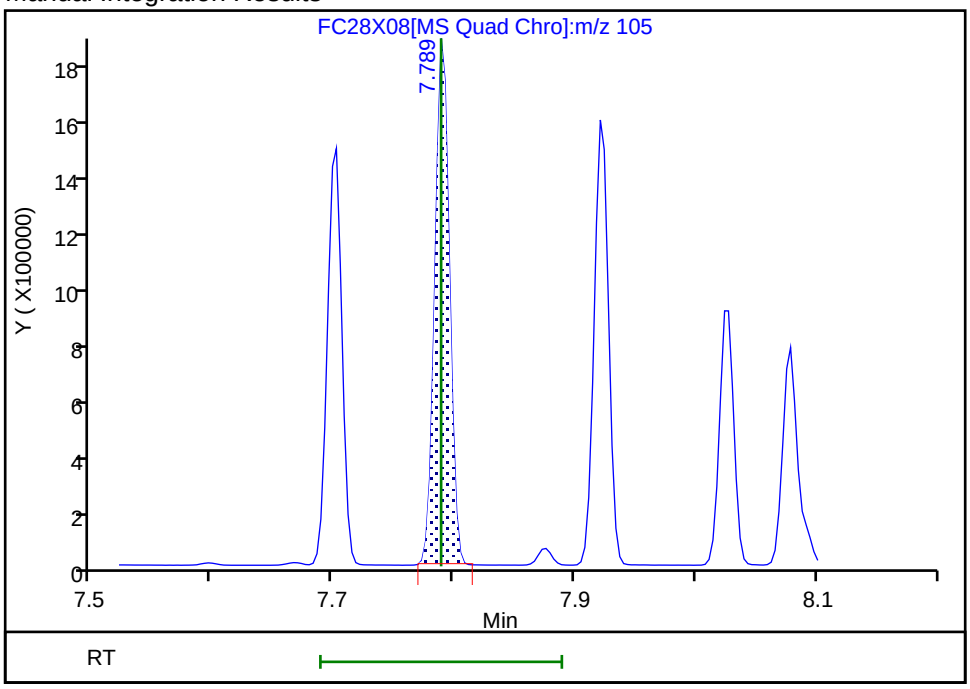
Processing Integration Results

RT: 7.81
Area: 1117
Amount: 0.115378
Amount Units: ug/l



Manual Integration Results

RT: 7.79
Area: 1562659
Amount: 112.1758
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:03 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Lims ID: IC v300
Client ID:
Sample Type: IC Calib Level: 8
Inject. Date: 28-Oct-2024 18:29:23 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: IC v300
Misc. Info.: 410-0129020-010
Operator ID: MEC29284 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:31:39 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

First Level Reviewer: DVW2 Date: 29-Oct-2024 08:52:26

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.018	-0.007	99	1412261	300.0	253.3	
2 Chloromethane	50	1.120	1.133	-0.013	99	1391343	300.0	236.1	M
4 Butadiene	39	1.188	1.191	-0.003	94	1384488	300.0	222.9	
3 Vinyl chloride	62	1.178	1.198	-0.020	98	1174390	300.0	242.9	
5 Bromomethane	94	1.365	1.381	-0.016	91	847213	300.0	234.4	
6 Chloroethane	64	1.381	1.397	-0.016	100	699760	300.0	246.5	
8 Pentane	43	1.577	1.555	0.022	97	1487583	300.0	251.0	
16 Dichlorofluoromethane	67	1.551	1.564	-0.013	100	2020376	300.0	228.0	
7 Trichlorofluoromethane	101	1.577	1.590	-0.013	98	1827793	300.0	253.7	
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.754	1.760	-0.006	95	1141821	300.0	236.1	
9 Acrolein	56	1.767	1.786	-0.019	100	3627975	3006.4	3827.8	
10 1,1-Dichloroethene	96	1.860	1.870	-0.010	98	883814	300.0	252.4	
11 Acetone	58	1.863	1.889	-0.026	98	380865	600.0	622.9	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.879	1.895	-0.016	92	1055224	300.0	271.0	
13 Iodomethane	142	1.966	1.973	-0.007	99	1873612	300.0	249.8	
15 Isopropyl alcohol	45	1.963	2.031	-0.067	96	721714	1500.0	1345.2	M
14 Carbon disulfide	76	2.040	2.053	-0.013	99	2708452	300.0	252.6	M
18 Methyl acetate	43	2.085	2.104	-0.019	97	1223591	300.0	252.2	
17 3-Chloro-1-propene	41	2.088	2.108	-0.020	84	1422758	300.0	240.2	
19 Methylene Chloride	84	2.230	2.227	0.003	91	985772	300.0	250.5	
* 20 t-Butyl alcohol-d10 (IS)	65	2.223	2.294	-0.071	40	362067	250.0	250.0	
21 2-Methyl-2-propanol	59	2.288	2.358	-0.070	99	1995424	1500.0	1408.4	
23 Acrylonitrile	53	2.378	2.397	-0.019	99	1613193	750.0	652.5	M
24 trans-1,2-Dichloroethene	96	2.397	2.416	-0.019	99	957153	300.0	250.5	
25 Methyl tert-butyl ether	73	2.387	2.420	-0.033	97	2821824	300.0	247.6	
26 Hexane	57	2.612	2.632	-0.020	93	1229755	300.0	264.0	
27 1,1-Dichloroethane	63	2.741	2.754	-0.013	96	1641863	300.0	255.9	
28 Isopropyl ether	45	2.783	2.802	-0.019	94	2613025	300.0	257.6	
29 2-Chloro-1,3-butadiene	53	2.792	2.809	-0.017	92	1525453	300.0	259.2	
30 Tert-butyl ethyl ether	59	3.069	3.082	-0.013	97	2881197	300.0	256.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.201	3.162	0.039	99	1942357	600.0	554.0	
31 cis-1,2-Dichloroethene	96	3.194	3.204	-0.010	86	1079769	300.0	247.3	
33 2,2-Dichloropropane	77	3.217	3.227	-0.010	88	1583587	300.0	252.1	
34 Propionitrile	54	3.255	3.262	-0.007	99	1515090	1500.0	1640.1	M
35 Methacrylonitrile	67	3.365	3.375	-0.009	95	1567130	750.0	725.2	
36 Chlorobromomethane	128	3.384	3.391	-0.007	91	554417	300.0	251.5	
37 Tetrahydrofuran	71	3.397	3.407	-0.010	85	1521580	1500.0	1601.3	
39 Chloroform	83	3.474	3.484	-0.010	94	1728851	300.0	251.9	
40 1,1,1-Trichloroethane	97	3.603	3.606	-0.003	98	1666697	300.0	259.7	
$ 41 Dibromofluoromethane (Surr)	113	3.596	3.609	-0.013	92	181773	50.0	44.0	
42 Cyclohexane	56	3.664	3.661	0.003	89	1709482	300.0	263.2	
43 Carbon tetrachloride	117	3.728	3.725	0.003	96	1525943	300.0	271.4	
44 1,1-Dichloropropene	75	3.718	3.728	-0.010	96	1399562	300.0	282.9	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.860	3.873	-0.013	74	44326	50.0	46.2	
45 Isobutyl alcohol	41	3.863	3.876	-0.013	92	1244119	3750.0	3466.8	
47 Benzene	78	3.876	3.883	-0.007	97	3834520	300.0	286.3	
48 1,2-Dichloroethane	62	3.927	3.934	-0.007	98	1362036	300.0	266.2	
49 Tert-amyl methyl ether	73	4.005	4.008	-0.003	97	2836416	300.0	258.4	
* 50 Fluorobenzene (IS)	96	4.127	4.133	-0.006	95	685963	50.0	50.0	
51 n-Heptane	43	4.143	4.149	-0.006	91	925640	300.0	379.0	
52 n-Butanol	56	4.384	4.381	0.003	89	1098327	3750.0	3652.7	
53 Trichloroethene	95	4.423	4.429	-0.006	97	1064027	300.0	298.2	
54 Methylcyclohexane	83	4.616	4.616	0.000	91	1835627	300.0	274.1	
55 1,2-Dichloropropane	63	4.635	4.641	-0.006	95	902219	300.0	303.8	
56 2-ethoxy-2-methyl butane	87	4.661	4.661	0.000	95	1596651	300.0	271.9	
58 1,4-Dioxane	88	4.680	4.680	0.000	86	286498	3750.0	3523.6	M
59 Methyl methacrylate	69	4.712	4.699	0.013	89	841914	300.0	306.2	
57 Dibromomethane	93	4.706	4.712	-0.006	96	653775	300.0	287.4	
60 Dichlorobromomethane	83	4.866	4.870	-0.004	99	1288488	300.0	314.1	
61 2-Nitropropane	41	5.059	5.040	0.019	98	2694631	1500.0	1746.8	
62 2-Chloroethyl vinyl ether	63	5.117	5.111	0.006	94	606700	300.0	320.4	
63 cis-1,3-Dichloropropene	75	5.239	5.233	0.006	95	1485289	300.0	338.6	
64 4-Methyl-2-pentanone (MIBK)	43	5.381	5.384	-0.003	97	3258789	600.0	582.6	
$ 65 Toluene-d8 (Surr)	98	5.458	5.452	0.006	93	646108	50.0	51.1	
66 Toluene	92	5.513	5.509	0.004	98	2315220	300.0	299.4	
67 trans-1,3-Dichloropropene	75	5.715	5.709	0.006	94	1281641	300.0	315.4	
68 Ethyl methacrylate	69	5.776	5.776	0.000	88	1293293	300.0	278.0	
69 1,1,2-Trichloroethane	97	5.860	5.857	0.003	91	781893	300.0	296.3	
70 Tetrachloroethene	166	5.908	5.905	0.003	97	1116257	300.0	289.3	
71 1,3-Dichloropropane	76	5.976	5.969	0.007	91	1274085	300.0	301.9	
73 2-Hexanone	43	6.030	6.027	0.003	96	2278663	600.0	543.4	
74 Chlorodibromomethane	129	6.123	6.120	0.003	90	994493	300.0	319.7	
S 72 1,2-Dichloroethene, Total	100				0			497.8	
75 Ethylene Dibromide	107	6.194	6.191	0.003	99	844025	300.0	290.1	
* 76 Chlorobenzene-d5 (IS)	117	6.513	6.509	0.004	84	467389	50.0	50.0	
77 Chlorobenzene	112	6.532	6.529	0.003	94	2465110	300.0	285.7	
78 1-Chlorohexane	91	6.538	6.538	0.000	96	1140797	300.0	272.2	
79 1,1,1,2-Tetrachloroethane	131	6.599	6.596	0.003	95	1029072	300.0	267.0	
80 Ethylbenzene	91	6.606	6.603	0.003	98	4316520	300.0	269.6	
81 m-Xylene & p-Xylene	106	6.693	6.689	0.004	99	3387880	600.0	535.6	a
82 o-Xylene	106	6.927	6.924	0.003	97	1783099	300.0	262.6	
83 Styrene	104	6.940	6.937	0.003	94	2617703	300.0	278.6	a

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
84 Bromoform	173	7.040	7.040	0.000	96	714452	300.0	303.2	
85 Isopropylbenzene	105	7.149	7.149	0.000	96	4464234	300.0	268.2	a
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	91	229095	50.0	47.2	
87 Bromobenzene	156	7.323	7.320	0.003	91	1053900	300.0	299.8	
88 1,1,2,2-Tetrachloroethane	83	7.339	7.336	0.003	96	1310898	300.0	284.0	
89 trans-1,4-Dichloro-2-butene	53	7.358	7.355	0.003	95	908147	750.0	748.9	
90 1,2,3-Trichloropropane	110	7.361	7.361	0.000	86	436715	300.0	272.6	
91 N-Propylbenzene	91	7.394	7.390	0.004	98	5001783	300.0	286.2	
92 2-Chlorotoluene	126	7.439	7.435	0.004	97	1094470	300.0	289.9	
93 1,3,5-Trimethylbenzene	105	7.496	7.497	-0.001	95	4077320	300.0	299.0	
94 4-Chlorotoluene	126	7.506	7.506	0.000	99	991872	300.0	287.0	a
95 tert-Butylbenzene	134	7.670	7.667	0.003	93	912875	300.0	332.5	
96 1,2,4-Trimethylbenzene	105	7.702	7.702	0.000	98	4005185	300.0	291.1	
97 sec-Butylbenzene	105	7.792	7.789	0.003	94	4991819	300.0	304.7	a
98 1,3-Dichlorobenzene	146	7.850	7.850	0.000	98	1960648	300.0	289.3	
99 4-Isopropyltoluene	119	7.879	7.876	0.003	96	4313263	300.0	296.0	
* 100 1,4-Dichlorobenzene-d4	152	7.895	7.892	0.003	92	259156	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.908	7.905	0.003	95	1969308	300.0	288.2	
102 1,2,3-Trimethylbenzene	105	7.924	7.921	0.003	99	4181682	300.0	295.5	
103 Benzyl chloride	91	7.969	7.966	0.003	98	2824270	300.0	290.8	a
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	94	2344755	300.0	288.5	
105 p-Diethylbenzene	119	8.078	8.079	0.000	93	2383403	300.0	284.3	
106 n-Butylbenzene	92	8.091	8.091	0.000	97	1791671	300.0	284.5	
107 1,2-Dichlorobenzene	146	8.098	8.095	0.003	98	1923739	300.0	274.8	
108 o-diethylbenzene	119	8.130	8.127	0.003	96	2089702	300.0	304.8	a
109 1,2-Dibromo-3-Chloropropane	75	8.503	8.503	0.000	87	544416	300.0	304.3	
110 1,3,5-Trichlorobenzene	180	8.599	8.599	0.000	97	1438334	300.0	283.2	
111 1,2,4-Trichlorobenzene	180	8.918	8.914	0.004	94	1440754	300.0	279.6	
112 Hexachlorobutadiene	225	8.988	8.988	0.000	98	568627	300.0	317.4	
113 Naphthalene	128	9.046	9.046	0.000	97	5712610	300.0	263.1	a
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	96	1466229	300.0	274.8	
115 2-Methylnaphthalene	142	9.602	9.599	0.003	96	3124545	300.0	265.3	a
S 137 1,3-Dichloropropene, Total	100				0			653.9	
S 138 Xylenes, Total	106				0			798.2	
S 139 Total Diethylbenzene	1				0			877.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_CCV_VOC#1_00207	Amount Added: 15.00	Units: uL	
MSV_CCV_GASES_00905	Amount Added: 7.50	Units: uL	
MSV_CCV_VOC#3_00205	Amount Added: 12.00	Units: uL	
MSV_CCV_2CEVE_00199	Amount Added: 15.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added: 5.00	Units: uL	Run Reagent

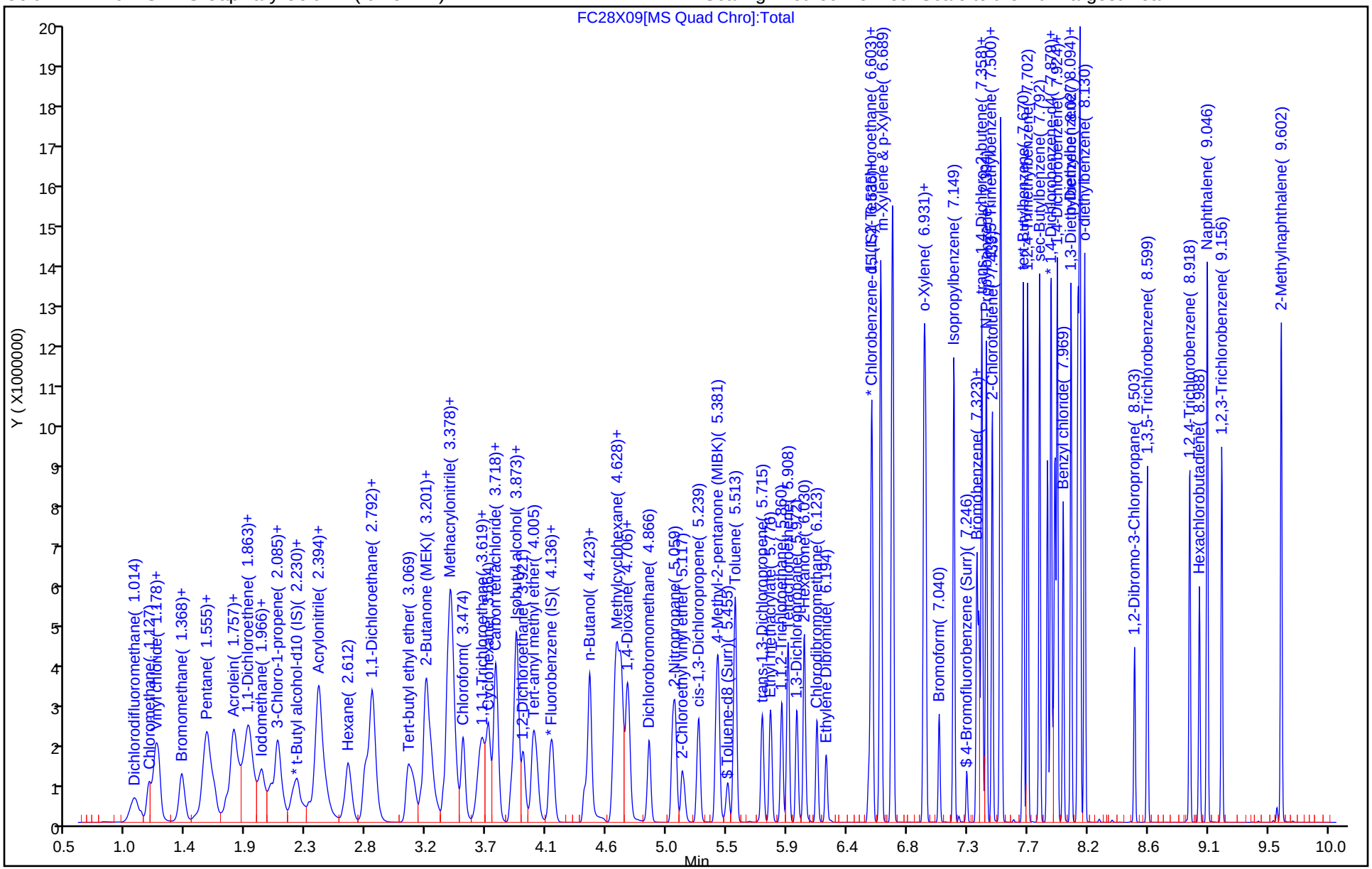
Report Date: 30-Oct-2024 14:31:40 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Injection Date:	28-Oct-2024 18:29:23	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	IC v300			Worklist Smp#:	10
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

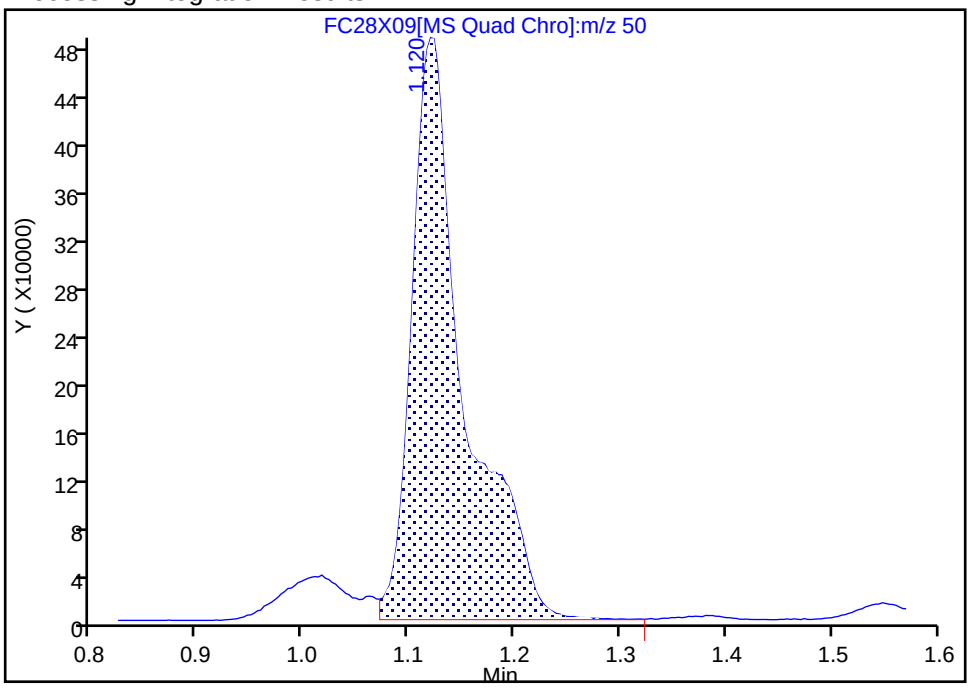
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

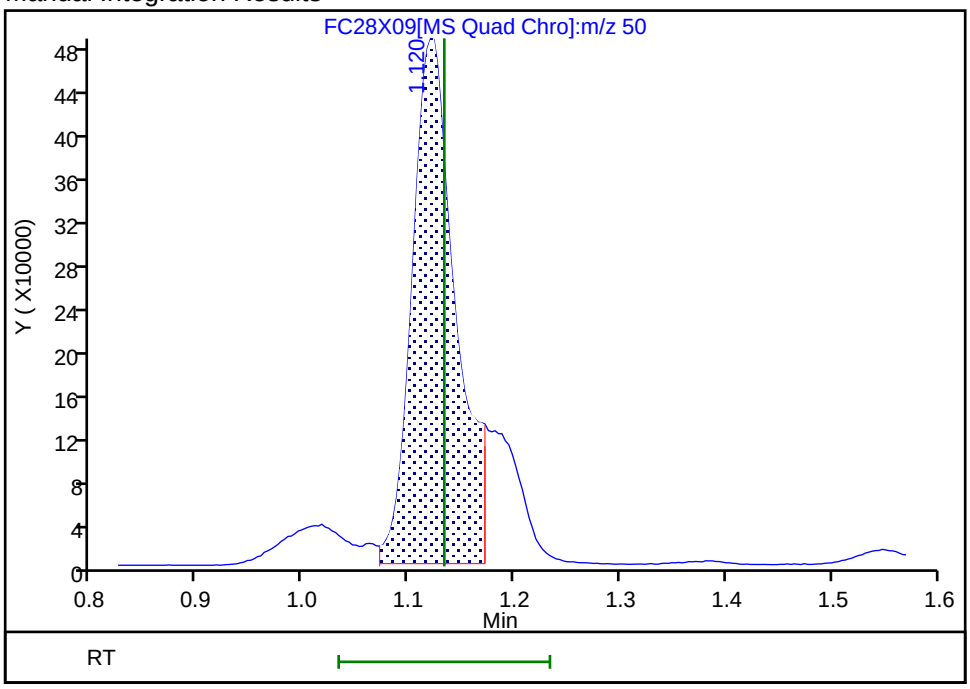
Processing Integration Results

RT: 1.12
Area: 1664802
Amount: 259.7192
Amount Units: ug/l



Manual Integration Results

RT: 1.12
Area: 1391343
Amount: 236.1478
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:52 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

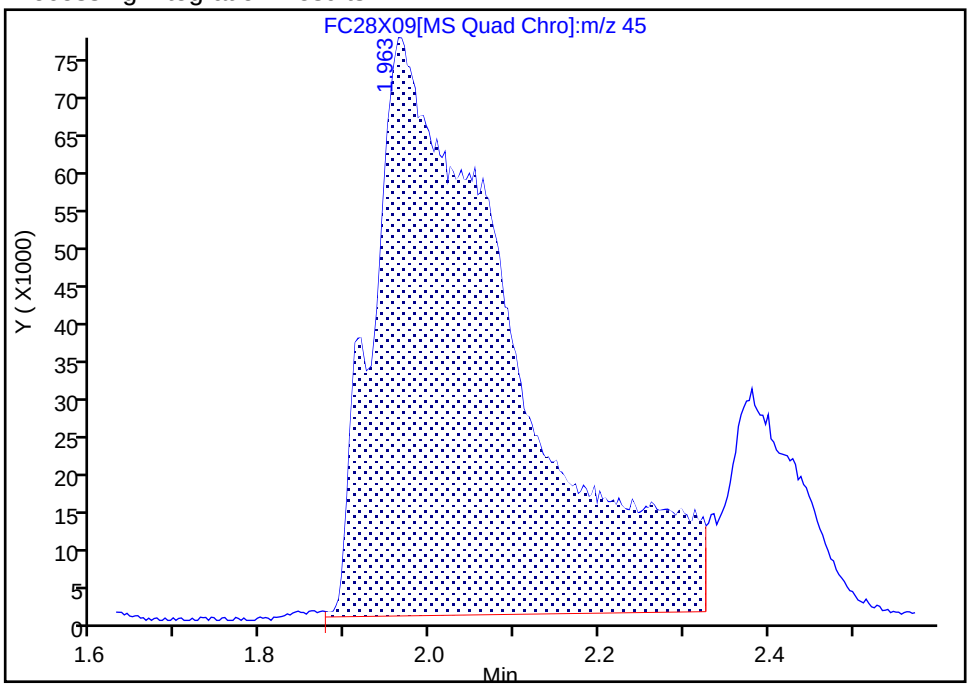
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

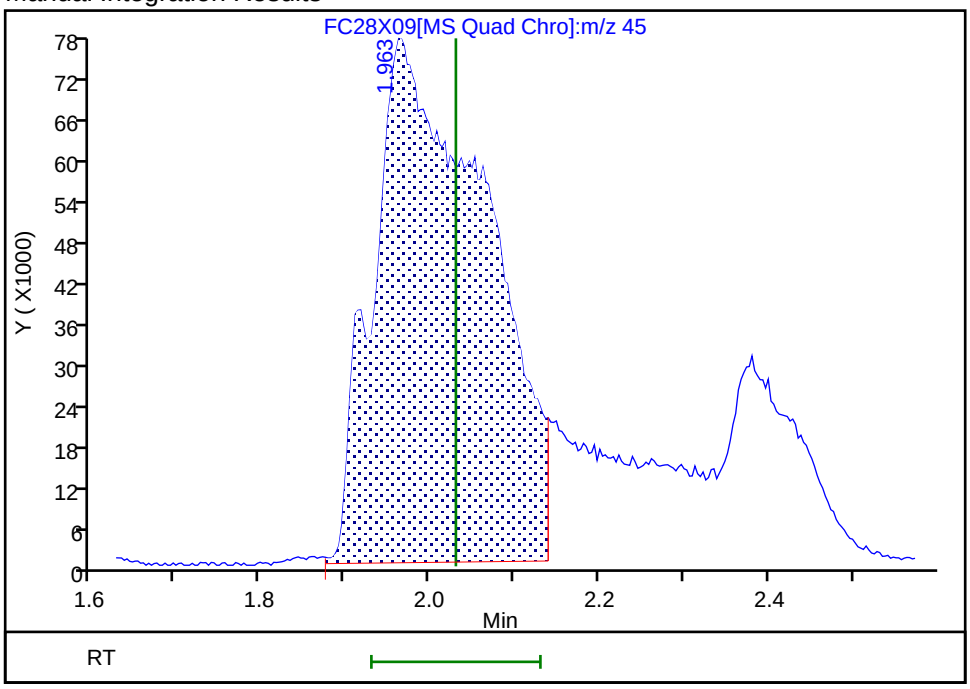
Processing Integration Results

RT: 1.96
Area: 888213
Amount: 2619.4302
Amount Units: ug/l



Manual Integration Results

RT: 1.96
Area: 721714
Amount: 1345.2227
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:51:09 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

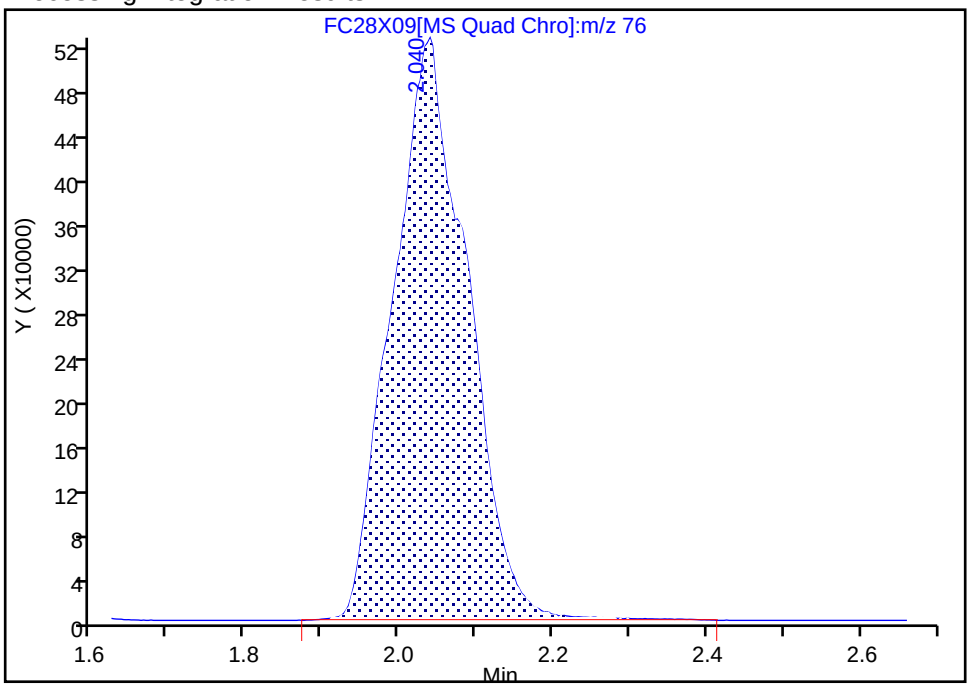
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25 mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

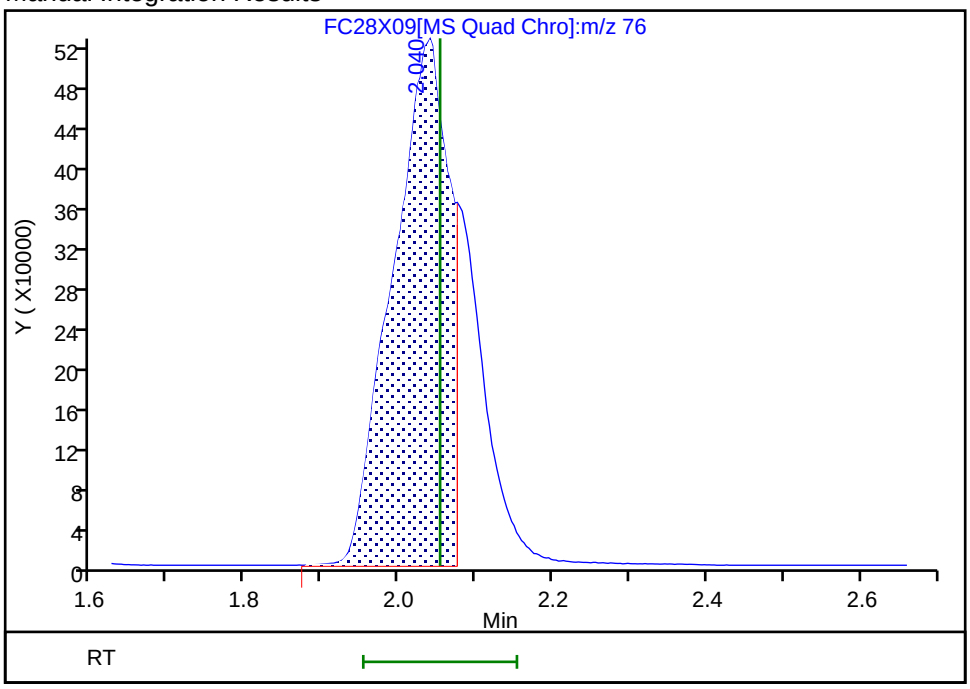
Processing Integration Results

RT: 2.04
Area: 3581507
Amount: 317.8492
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 2708452
Amount: 252.5834
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:51:18 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

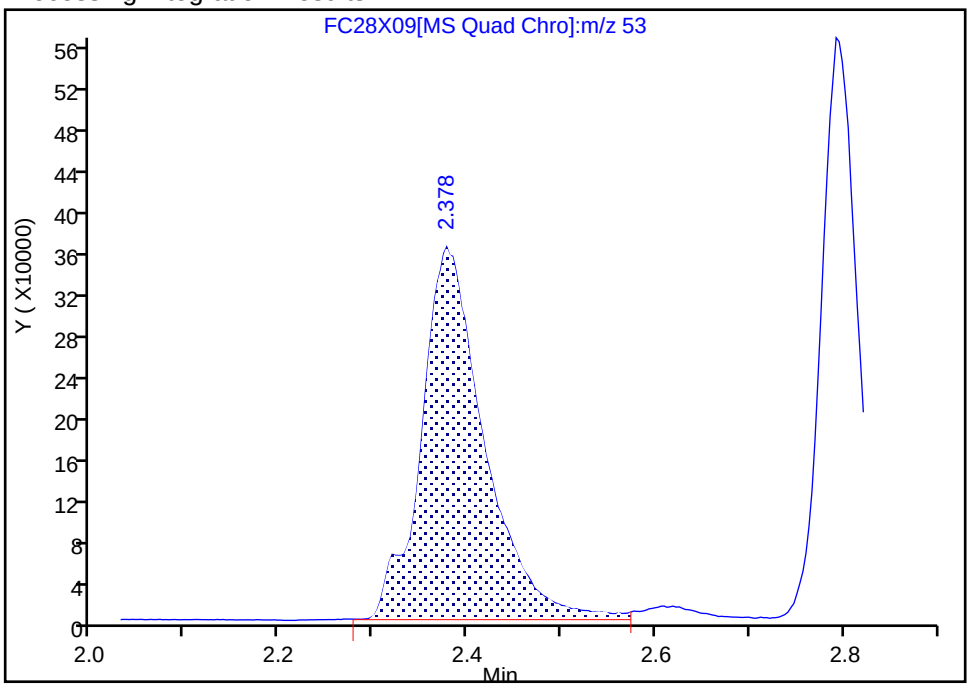
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D				
Injection Date:	28-Oct-2024 18:29:23	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

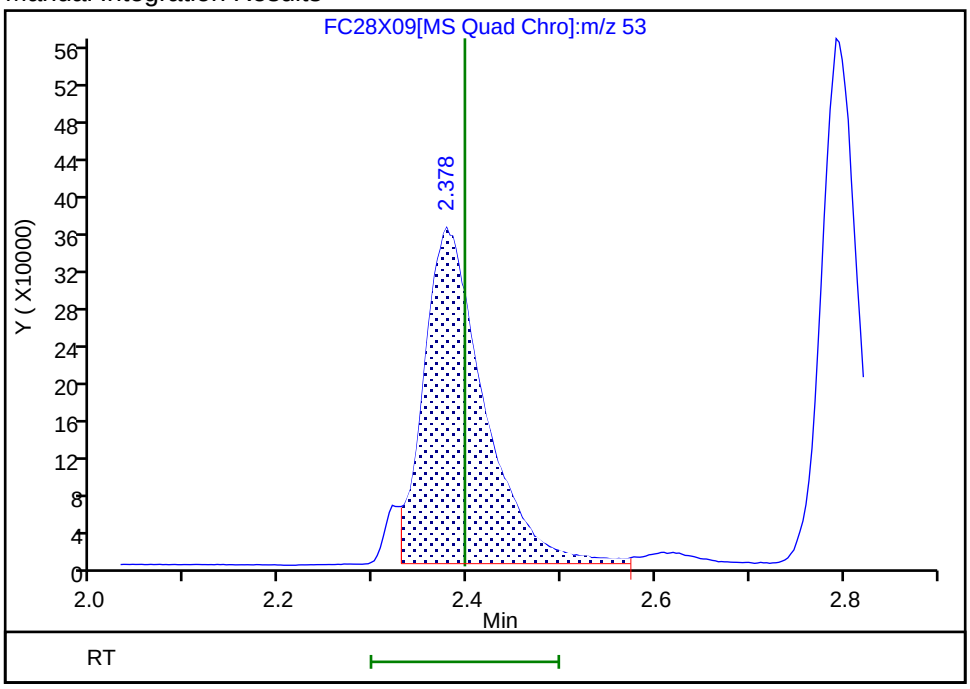
Processing Integration Results

RT: 2.38
Area: 1680168
Amount: 676.1168
Amount Units: ug/l



Manual Integration Results

RT: 2.38
Area: 1613193
Amount: 652.5145
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:00:22 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

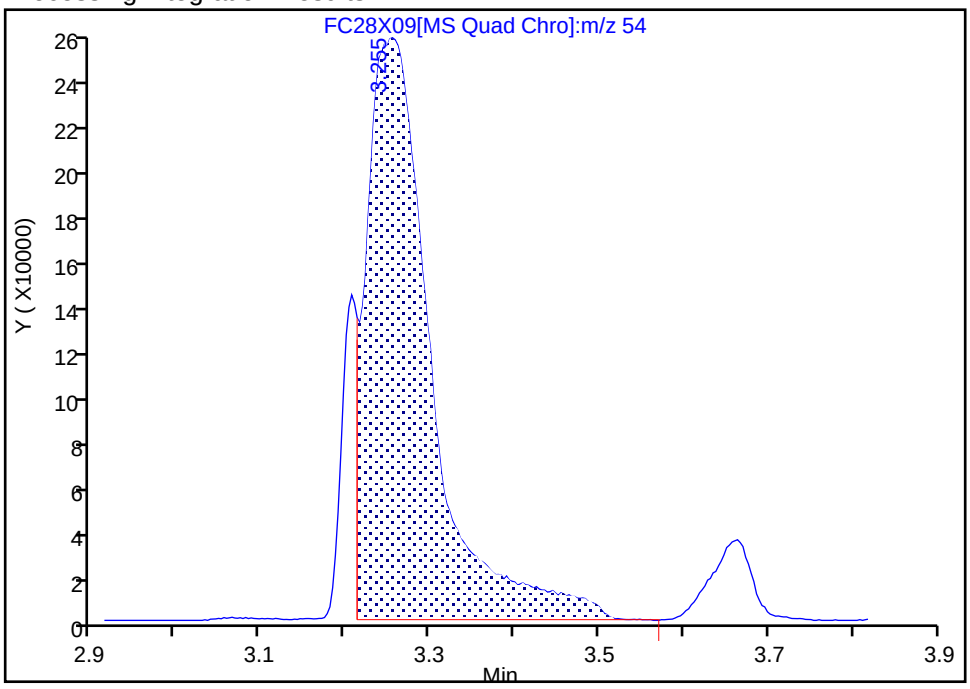
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

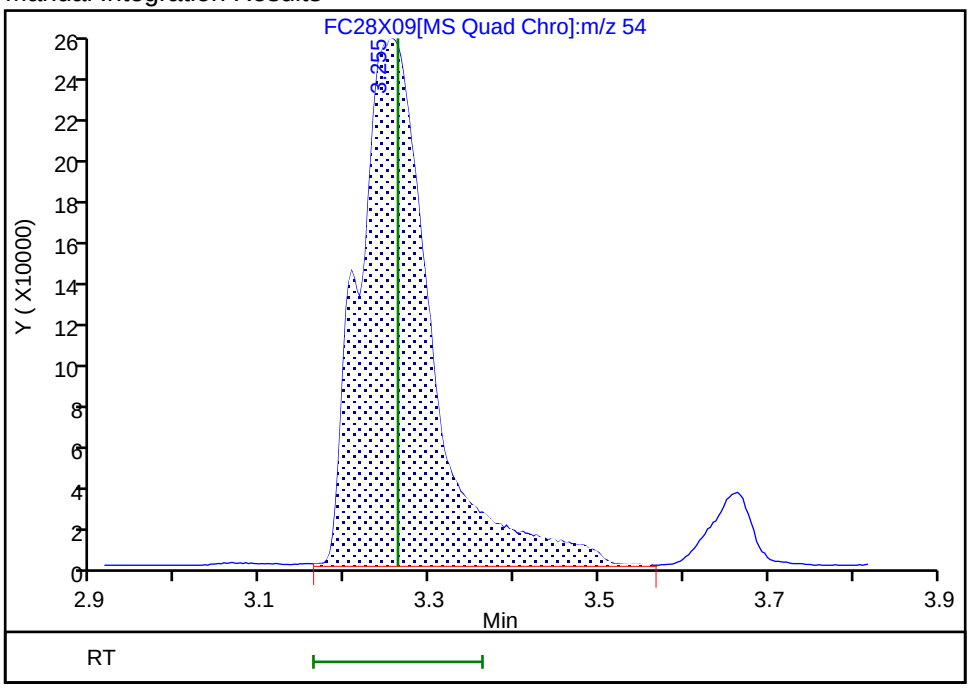
Processing Integration Results

RT: 3.26
Area: 1358735
Amount: 1504.4372
Amount Units: ug/l



Manual Integration Results

RT: 3.26
Area: 1515090
Amount: 1640.0782
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:51:40 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

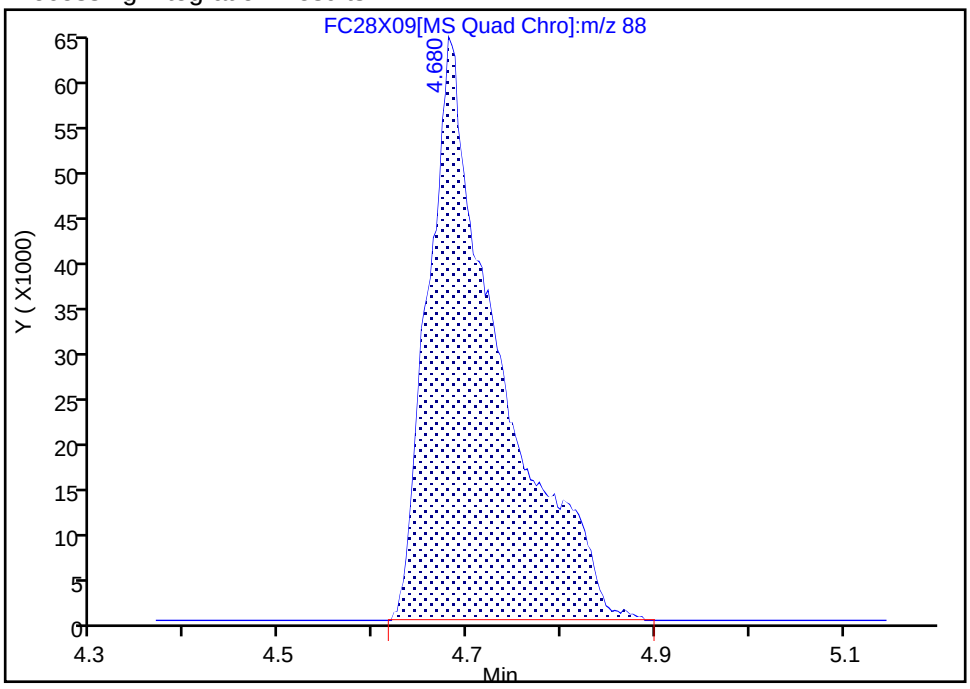
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D				
Injection Date:	28-Oct-2024 18:29:23	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

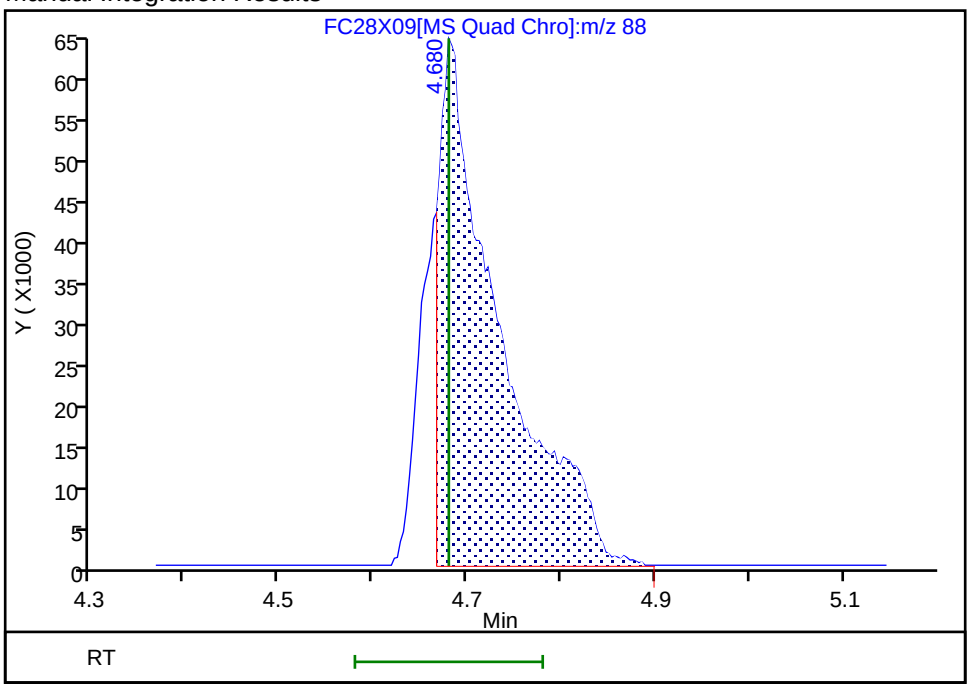
Processing Integration Results

RT: 4.68
Area: 338907
Amount: 3742.6637
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 286498
Amount: 3523.5889
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:51:59 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

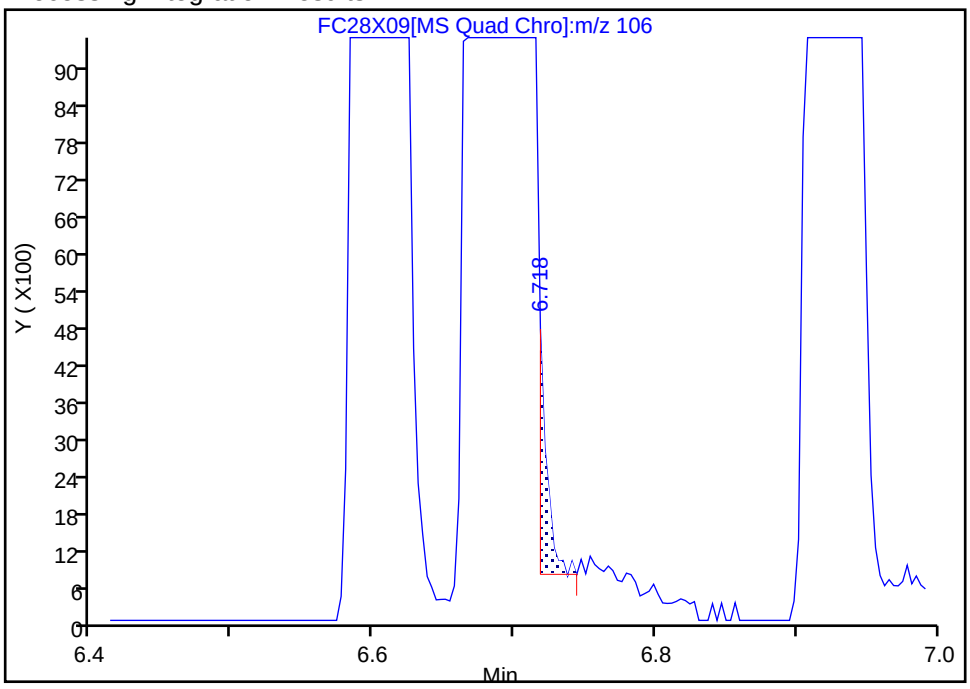
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D				
Injection Date:	28-Oct-2024 18:29:23	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

81 m-Xylene & p-Xylene, CAS: 179601-23-1

Signal: 1

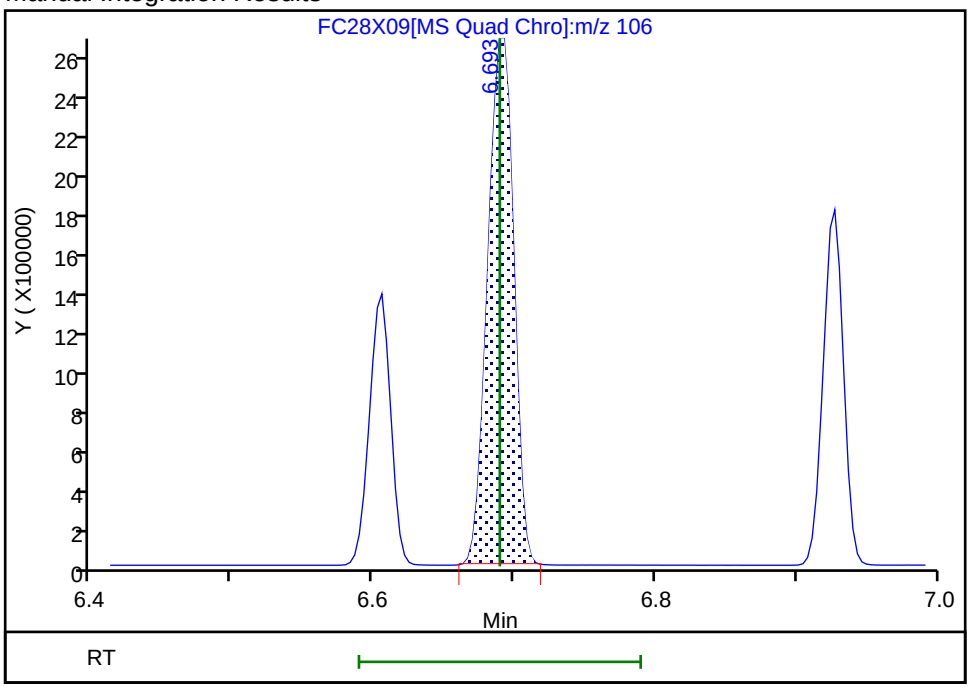
Processing Integration Results

RT: 6.72
Area: 1632
Amount: 0.295686
Amount Units: ug/l



Manual Integration Results

RT: 6.69
Area: 3387880
Amount: 535.5814
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:42 -04:00:00 (UTC)

Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

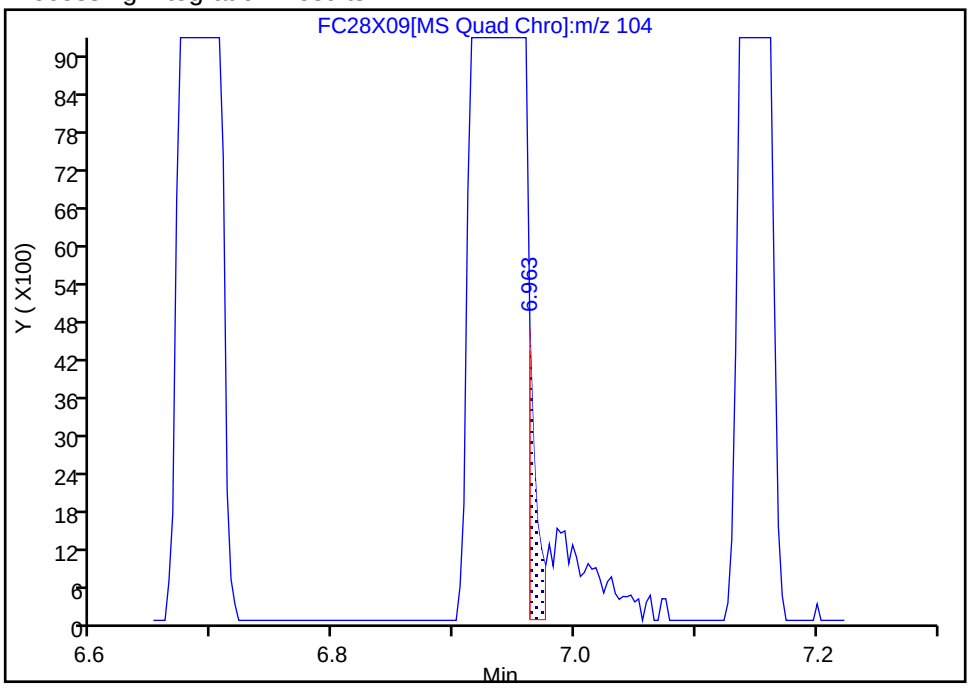
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

83 Styrene, CAS: 100-42-5

Signal: 1

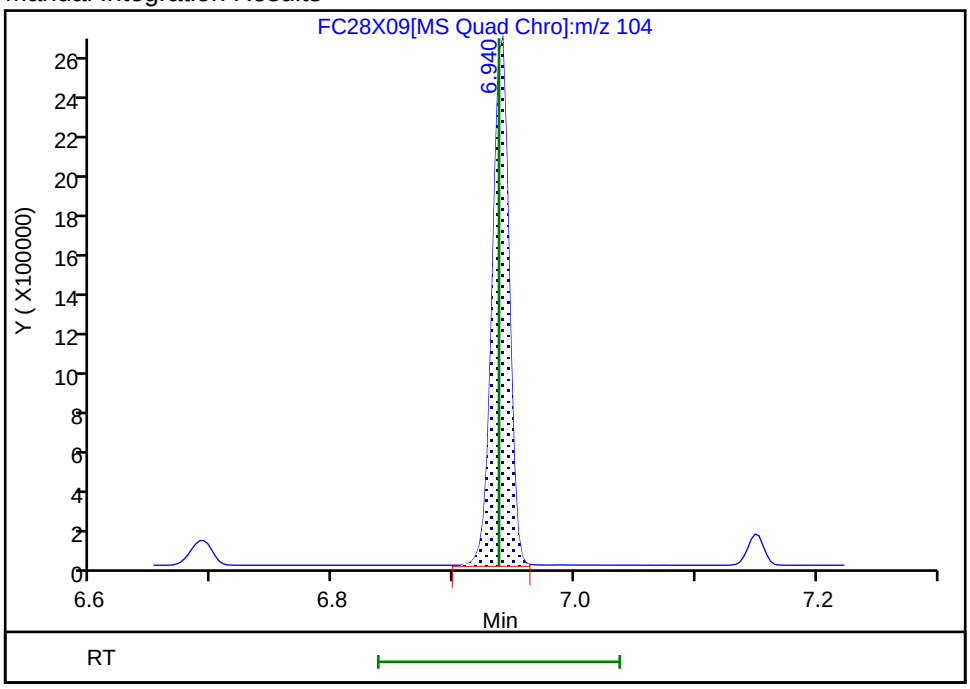
Processing Integration Results

RT: 6.96
Area: 2112
Amount: 0.259142
Amount Units: ug/l



Manual Integration Results

RT: 6.94
Area: 2617703
Amount: 278.6125
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:52:12 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

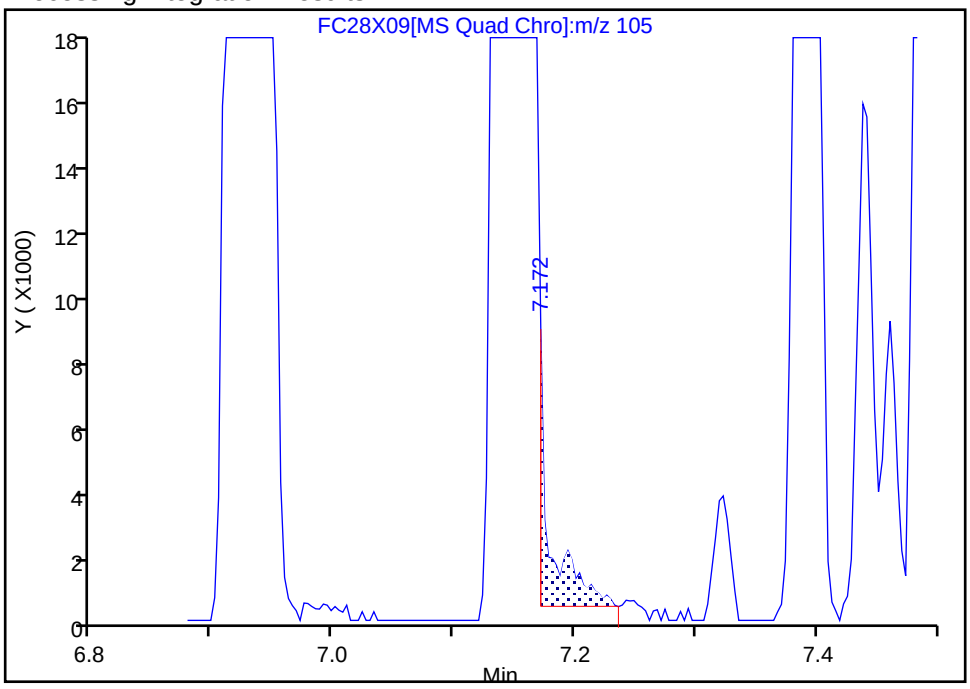
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

85 Isopropylbenzene, CAS: 98-82-8

Signal: 1

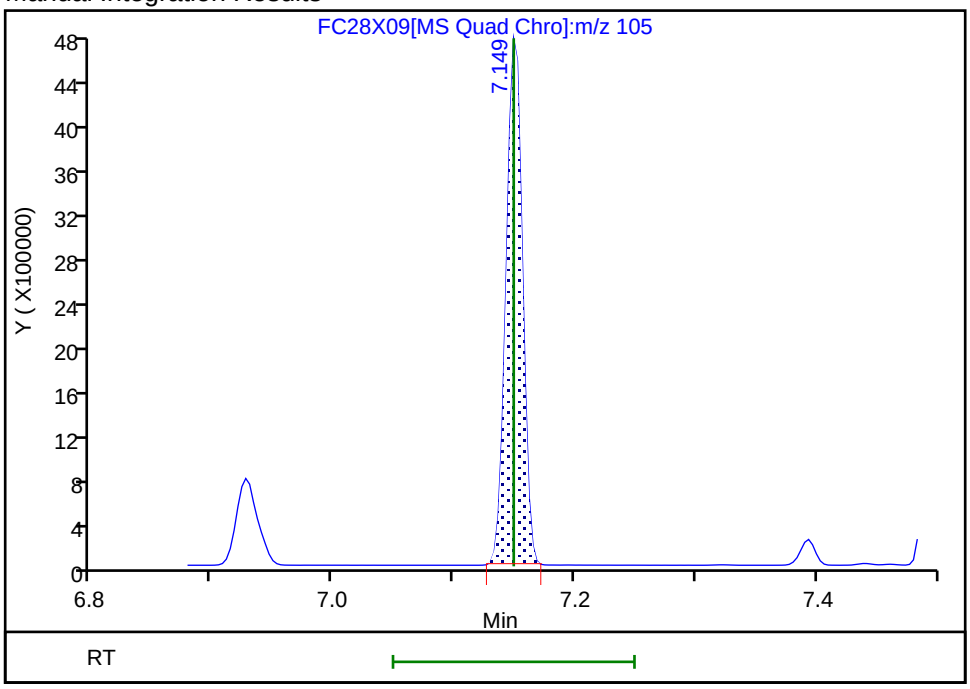
Processing Integration Results

RT: 7.17
Area: 5068
Amount: 0.349053
Amount Units: ug/l



Manual Integration Results

RT: 7.15
Area: 4464234
Amount: 268.2400
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:39 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

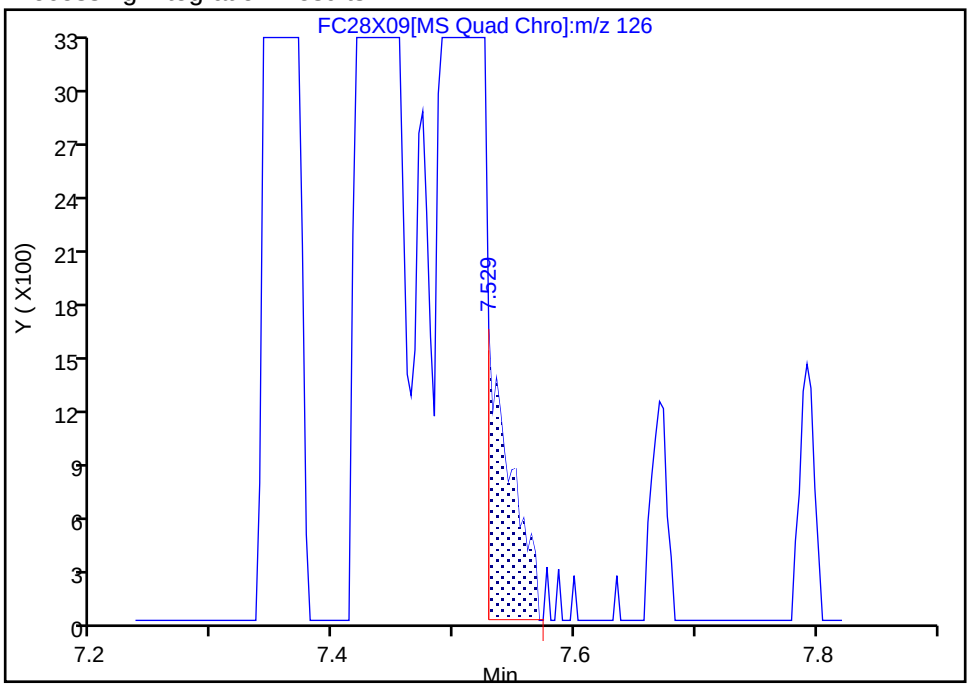
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D				
Injection Date:	28-Oct-2024 18:29:23	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

94 4-Chlorotoluene, CAS: 106-43-4

Signal: 1

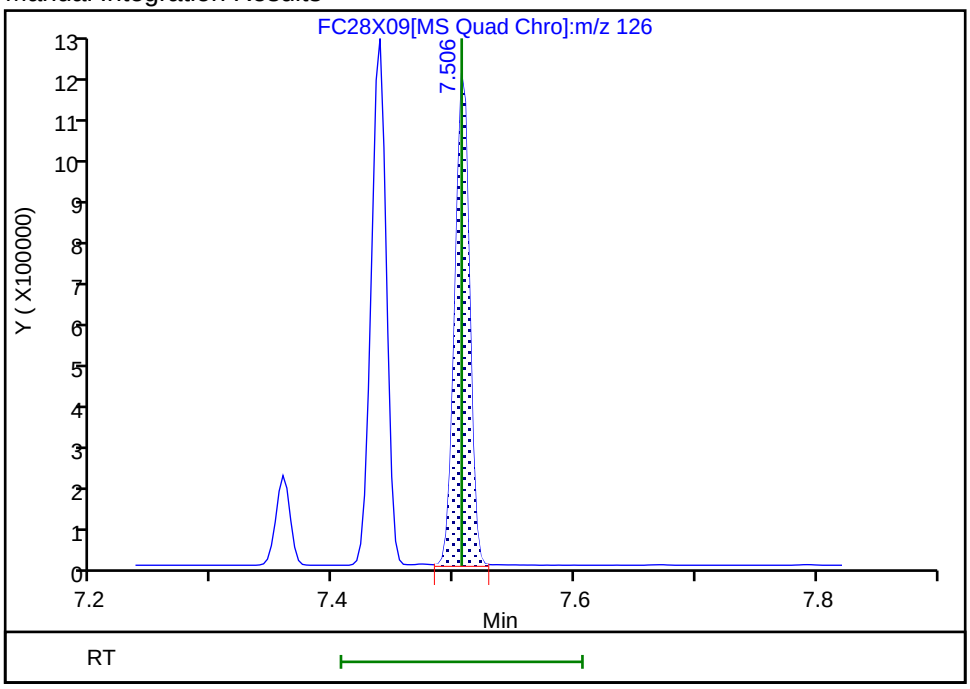
Processing Integration Results

RT: 7.53
Area: 2146
Amount: 0.719059
Amount Units: ug/l



Manual Integration Results

RT: 7.51
Area: 991872
Amount: 287.0203
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:21 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

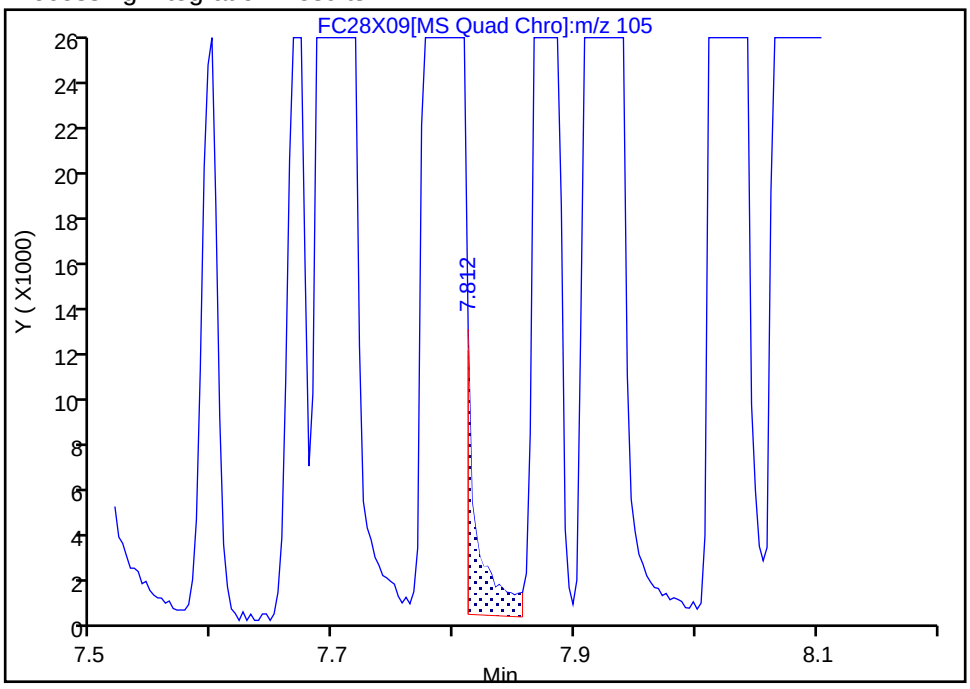
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D				
Injection Date:	28-Oct-2024 18:29:23	Instrument ID:	15830		
Lims ID:	IC v300				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

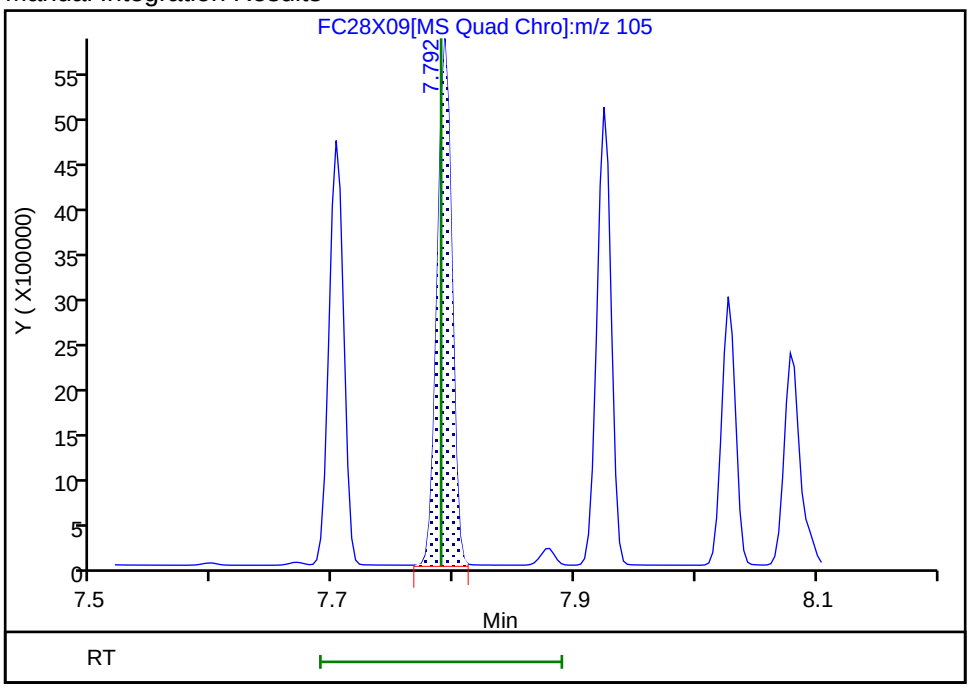
Processing Integration Results

RT: 7.81
Area: 7336
Amount: 0.523700
Amount Units: ug/l



Manual Integration Results

RT: 7.79
Area: 4991819
Amount: 304.7212
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:32 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

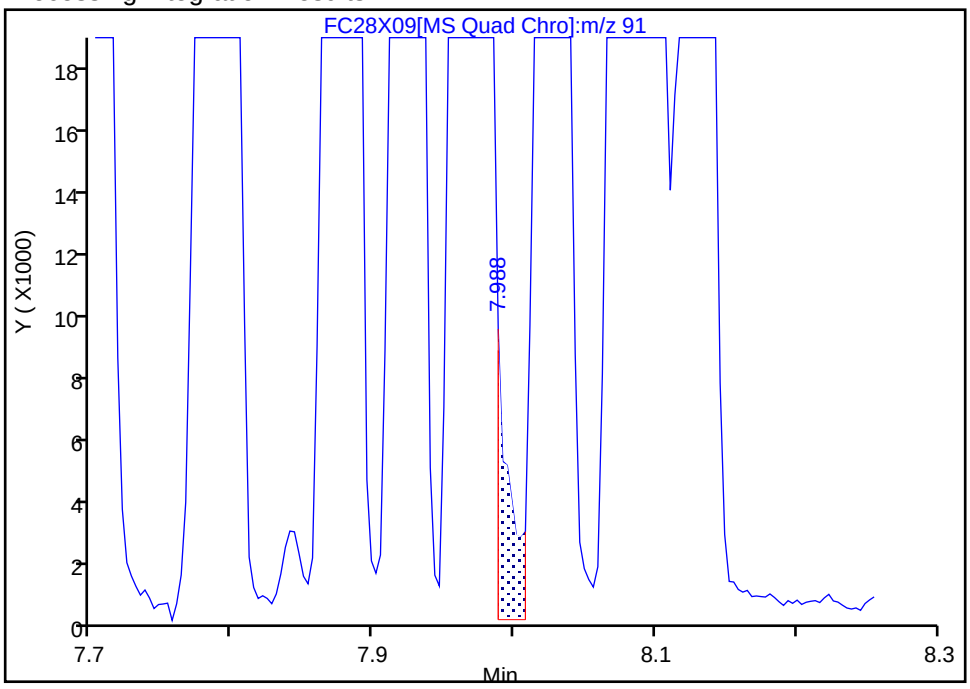
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

103 Benzyl chloride, CAS: 100-44-7

Signal: 1

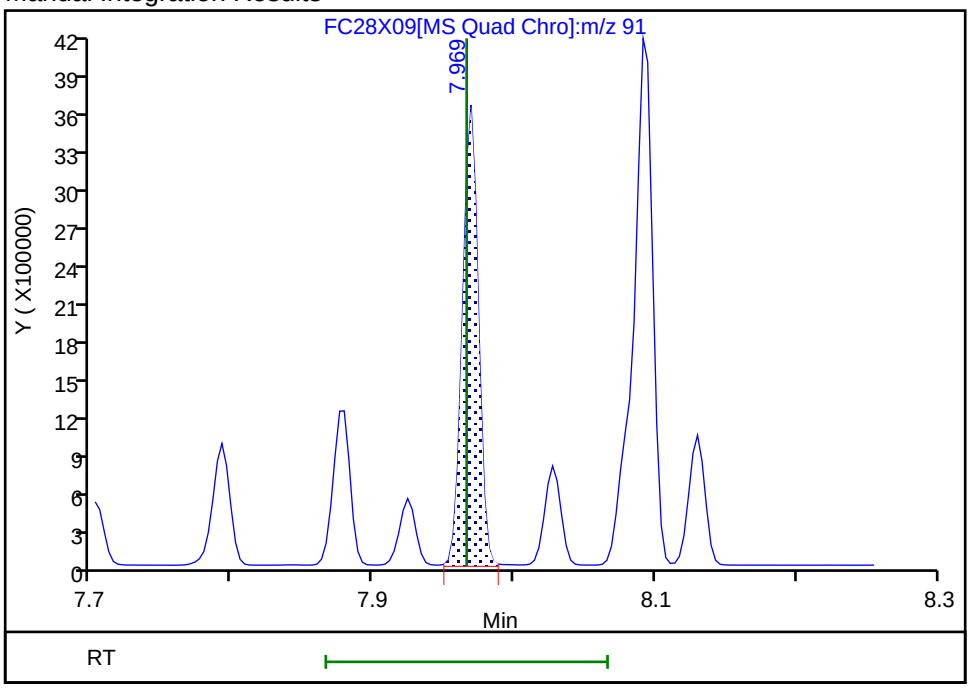
Processing Integration Results

RT: 7.99
Area: 6148
Amount: 0.734541
Amount Units: ug/l



Manual Integration Results

RT: 7.97
Area: 2824270
Amount: 290.8077
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:23 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

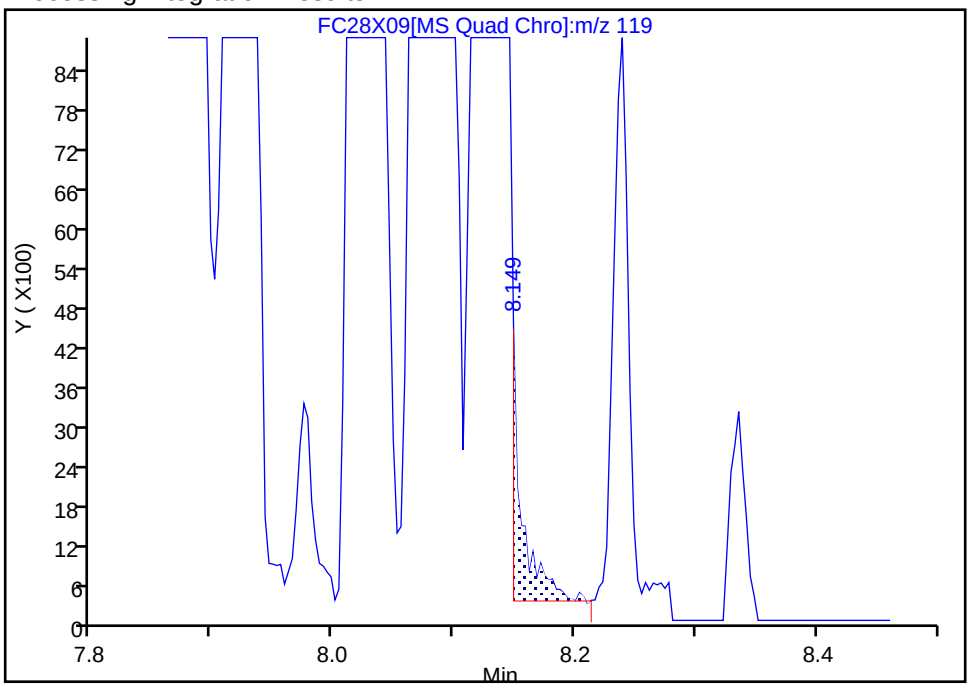
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

108 o-diethylbenzene, CAS: 135-01-3

Signal: 1

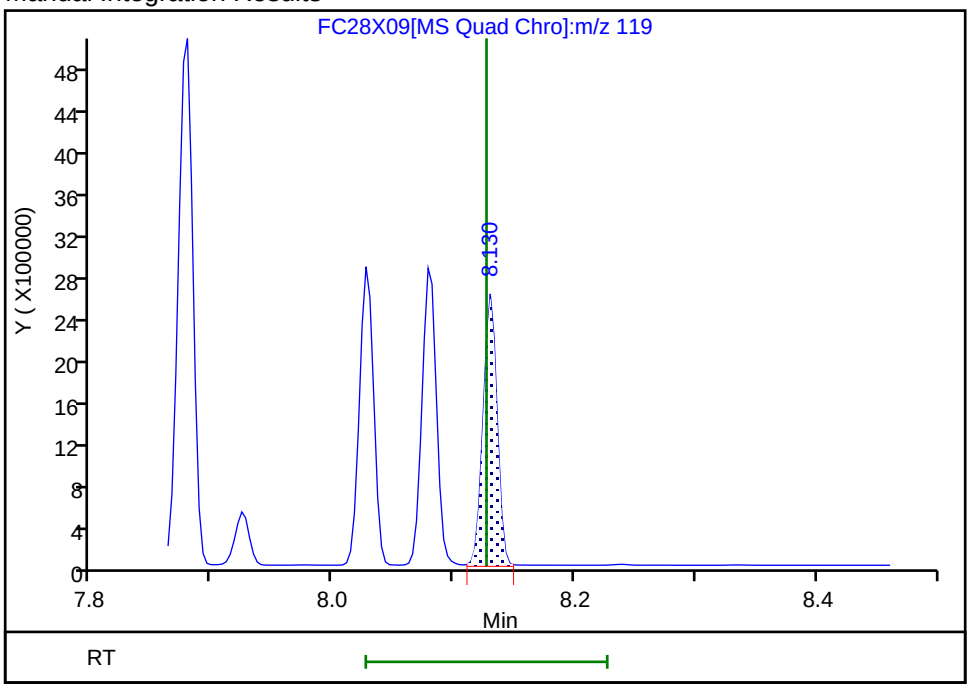
RT: 8.15
Area: 2269
Amount: 0.387032
Amount Units: ug/l

Processing Integration Results



RT: 8.13
Area: 2089702
Amount: 304.7734
Amount Units: ug/l

Manual Integration Results



Reviewer: DVW2, 29-Oct-2024 08:50:27 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

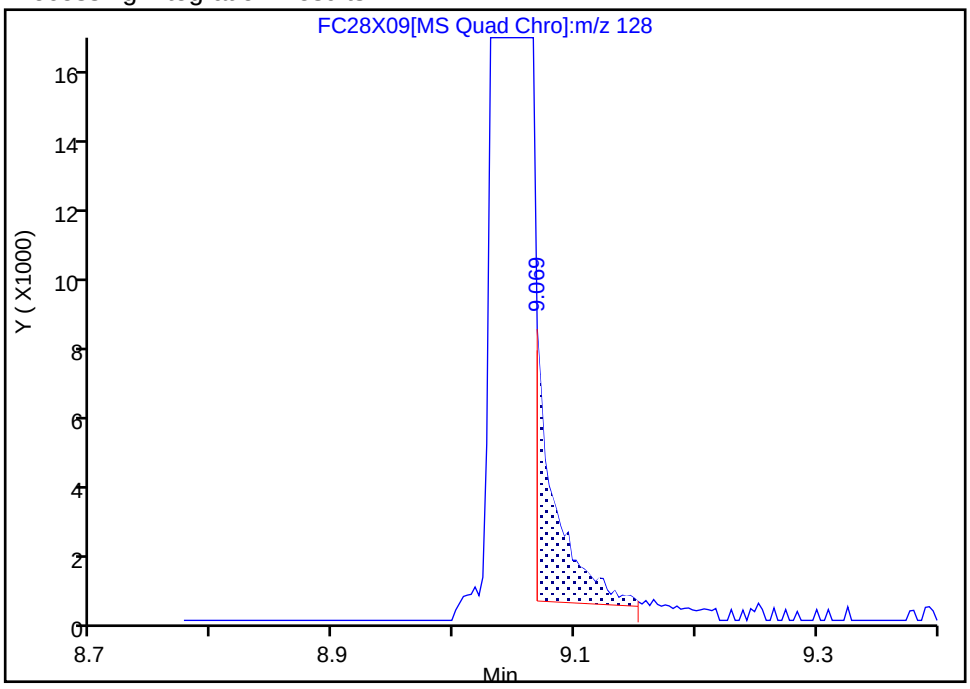
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

113 Naphthalene, CAS: 91-20-3

Signal: 1

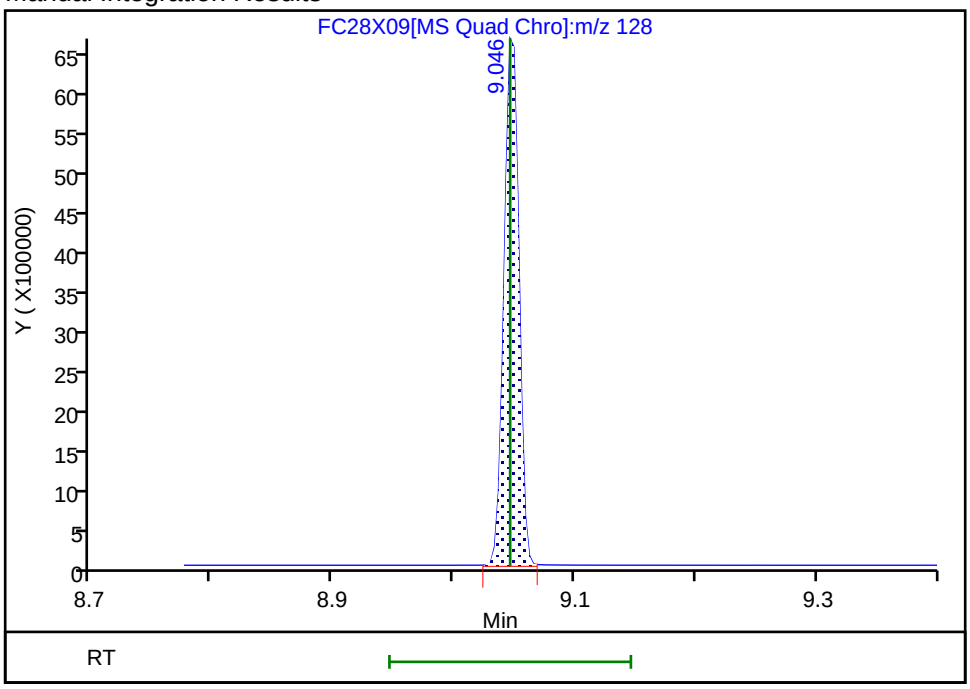
Processing Integration Results

RT: 9.07
Area: 8486
Amount: 0.446739
Amount Units: ug/l



Manual Integration Results

RT: 9.05
Area: 5712610
Amount: 263.1124
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:30 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

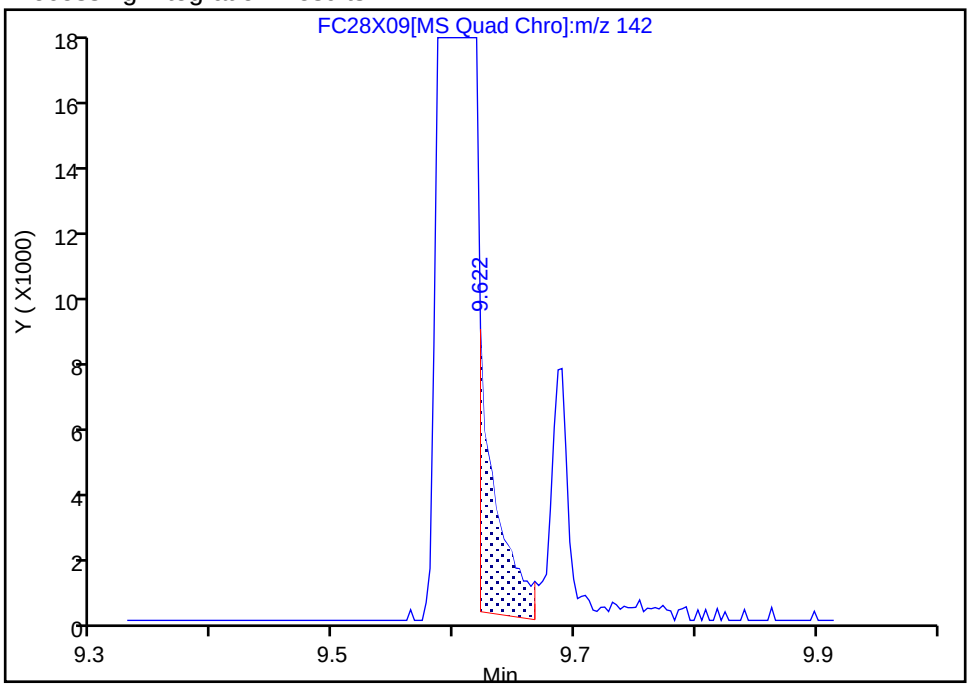
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D
Injection Date: 28-Oct-2024 18:29:23 Instrument ID: 15830
Lims ID: IC v300
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

115 2-Methylnaphthalene, CAS: 91-57-6

Signal: 1

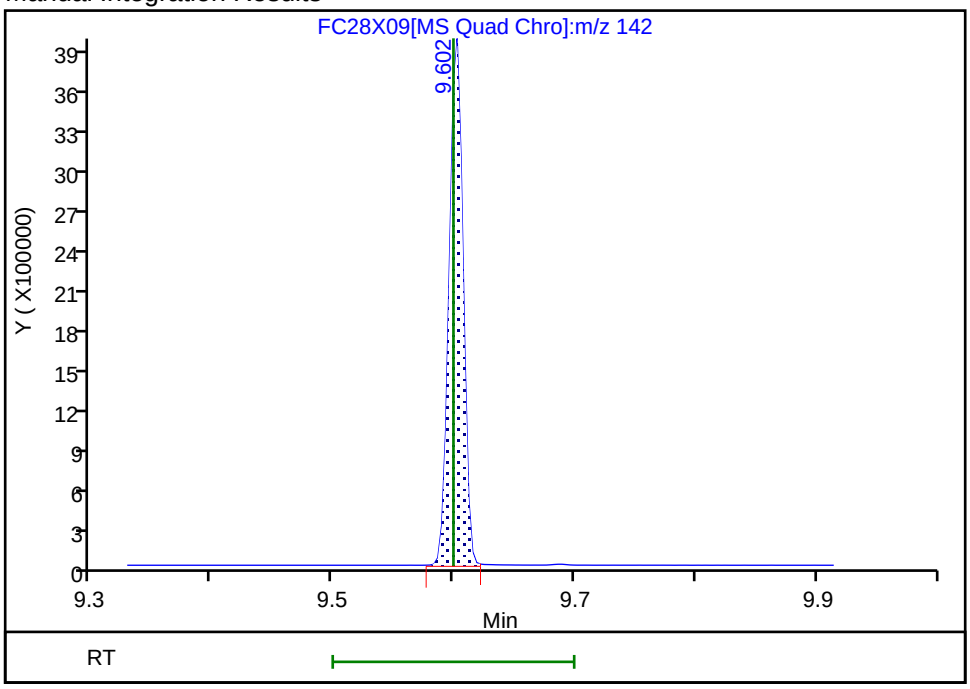
Processing Integration Results

RT: 9.62
Area: 8077
Amount: 0.784626
Amount Units: ug/l



Manual Integration Results

RT: 9.60
Area: 3124545
Amount: 265.2842
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 08:50:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Incomplete Integration

Calibration / Dichlorodifluoromethane

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

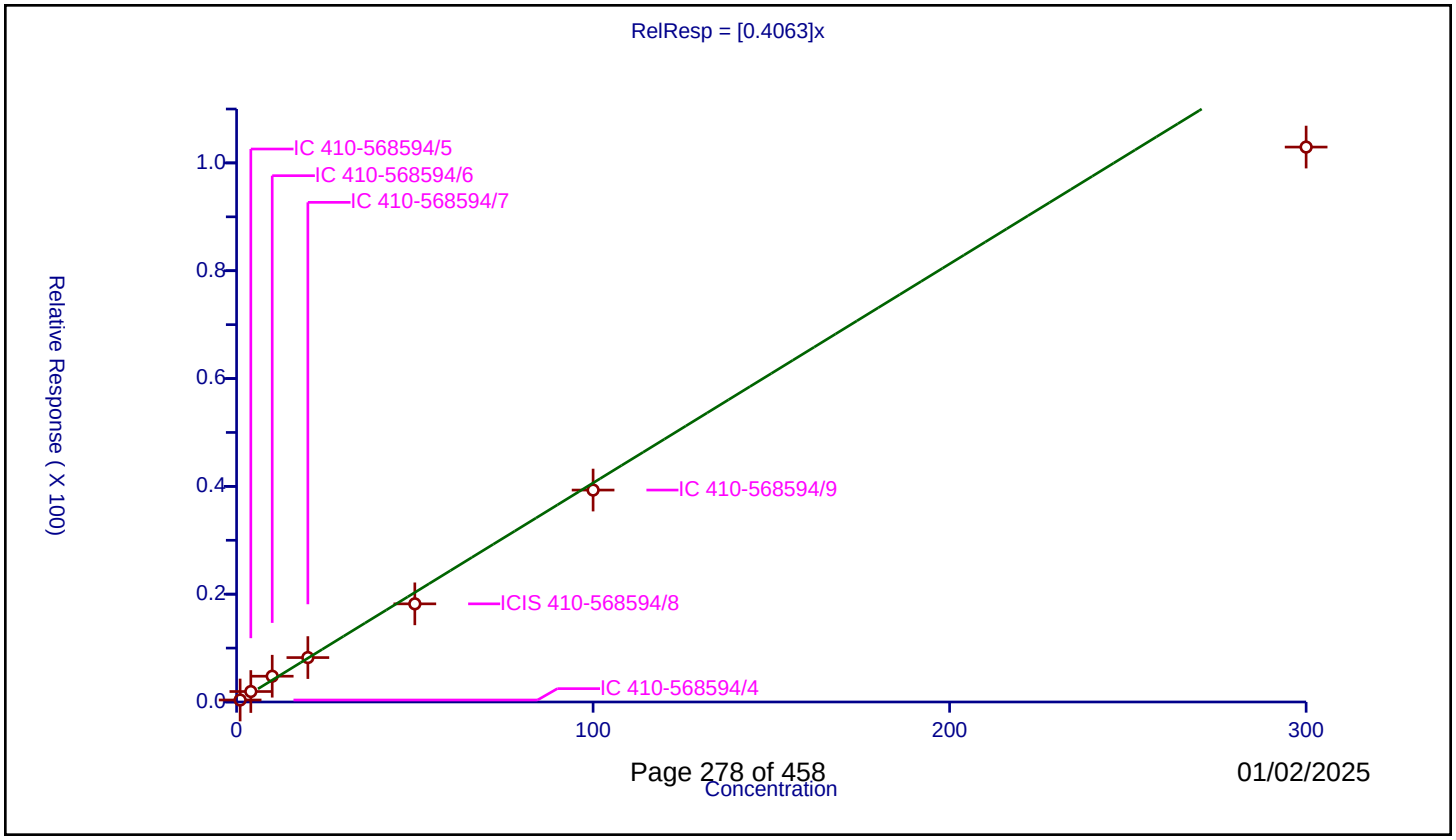
Curve Coefficients

Intercept:	0
Slope:	0.4063

Error Coefficients

Relative Standard Deviation:	13.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.368344	50.0	530890.0	0.368344	Y
2	IC 410-568594/5	4.0	1.943079	50.0	534281.0	0.48577	Y
3	IC 410-568594/6	10.0	4.77931	50.0	539806.0	0.477931	Y
4	IC 410-568594/7	20.0	8.237923	50.0	550867.0	0.411896	Y
5	ICIS 410-568594/8	50.0	18.205303	50.0	630981.0	0.364106	Y
6	IC 410-568594/9	100.0	39.313364	50.0	580089.0	0.393134	Y
7	IC 410-568594/10	300.0	102.940027	50.0	685963.0	0.343133	Y



Calibration / Chloromethane

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

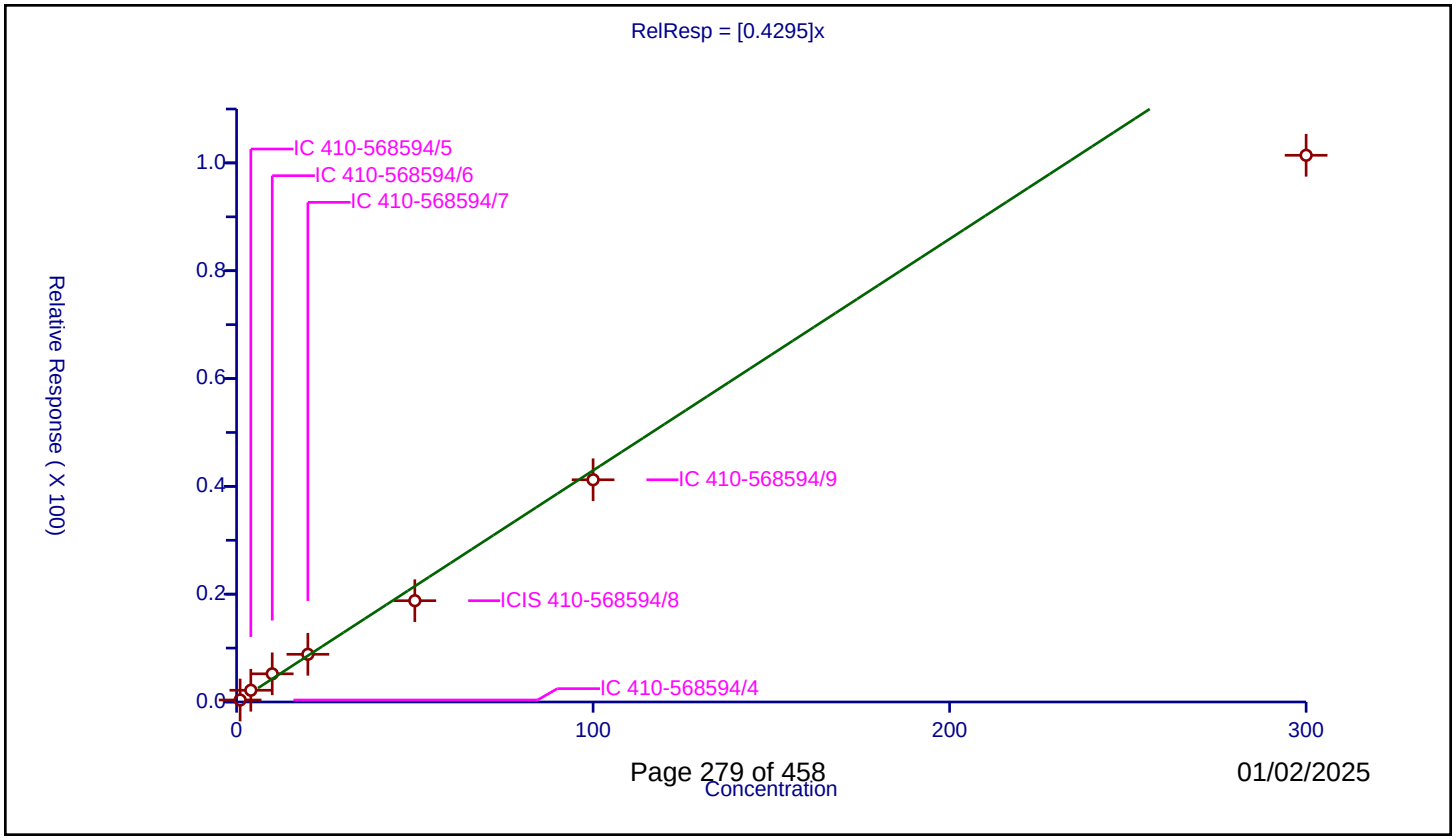
Curve Coefficients

Intercept:	0
Slope:	0.4295

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.370887	50.0	530890.0	0.370887	Y
2	IC 410-568594/5	4.0	2.177132	50.0	534281.0	0.544283	Y
3	IC 410-568594/6	10.0	5.227063	50.0	539806.0	0.522706	Y
4	IC 410-568594/7	20.0	8.845057	50.0	550867.0	0.442253	Y
5	ICIS 410-568594/8	50.0	18.788997	50.0	630981.0	0.37578	Y
6	IC 410-568594/9	100.0	41.223933	50.0	580089.0	0.412239	Y
7	IC 410-568594/10	300.0	101.41531	50.0	685963.0	0.338051	Y



Calibration / Butadiene

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

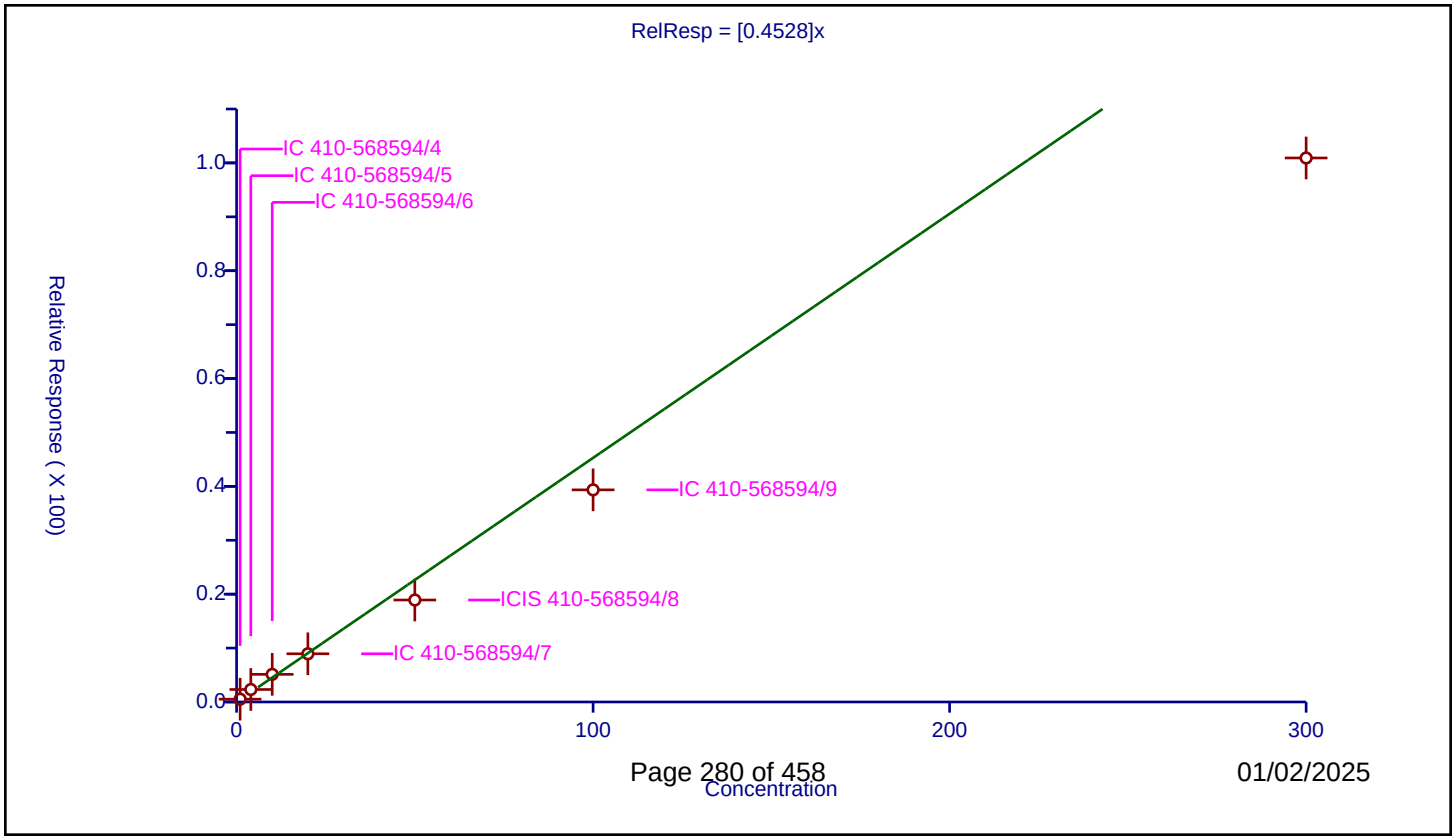
Curve Coefficients

Intercept:	0
Slope:	0.4528

Error Coefficients

Relative Standard Deviation:	19.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.522801	50.0	530890.0	0.522801	Y
2	IC 410-568594/5	4.0	2.317226	50.0	534281.0	0.579307	Y
3	IC 410-568594/6	10.0	5.125267	50.0	539806.0	0.512527	Y
4	IC 410-568594/7	20.0	8.939907	50.0	550867.0	0.446995	Y
5	ICIS 410-568594/8	50.0	18.916972	50.0	630981.0	0.378339	Y
6	IC 410-568594/9	100.0	39.350427	50.0	580089.0	0.393504	Y
7	IC 410-568594/10	300.0	100.915647	50.0	685963.0	0.336385	Y



01/02/2025

Calibration / Vinyl chloride

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

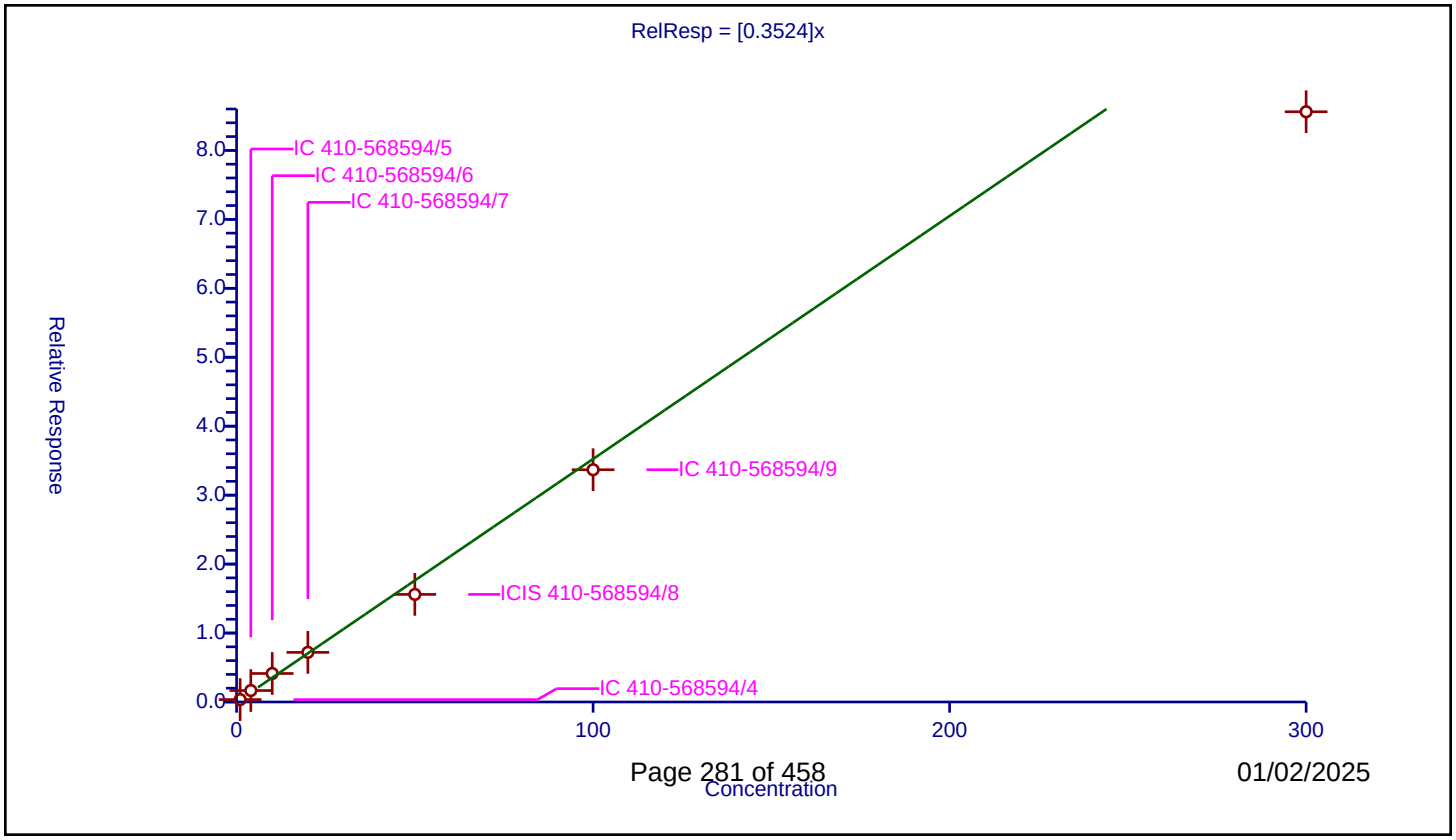
Curve Coefficients

Intercept:	0
Slope:	0.3524

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.344893	50.0	530890.0	0.344893	Y
2	IC 410-568594/5	4.0	1.659801	50.0	534281.0	0.41495	Y
3	IC 410-568594/6	10.0	4.13204	50.0	539806.0	0.413204	Y
4	IC 410-568594/7	20.0	7.194749	50.0	550867.0	0.359737	Y
5	ICIS 410-568594/8	50.0	15.602609	50.0	630981.0	0.312052	Y
6	IC 410-568594/9	100.0	33.685004	50.0	580089.0	0.33685	Y
7	IC 410-568594/10	300.0	85.601556	50.0	685963.0	0.285339	Y



Calibration / Bromomethane

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

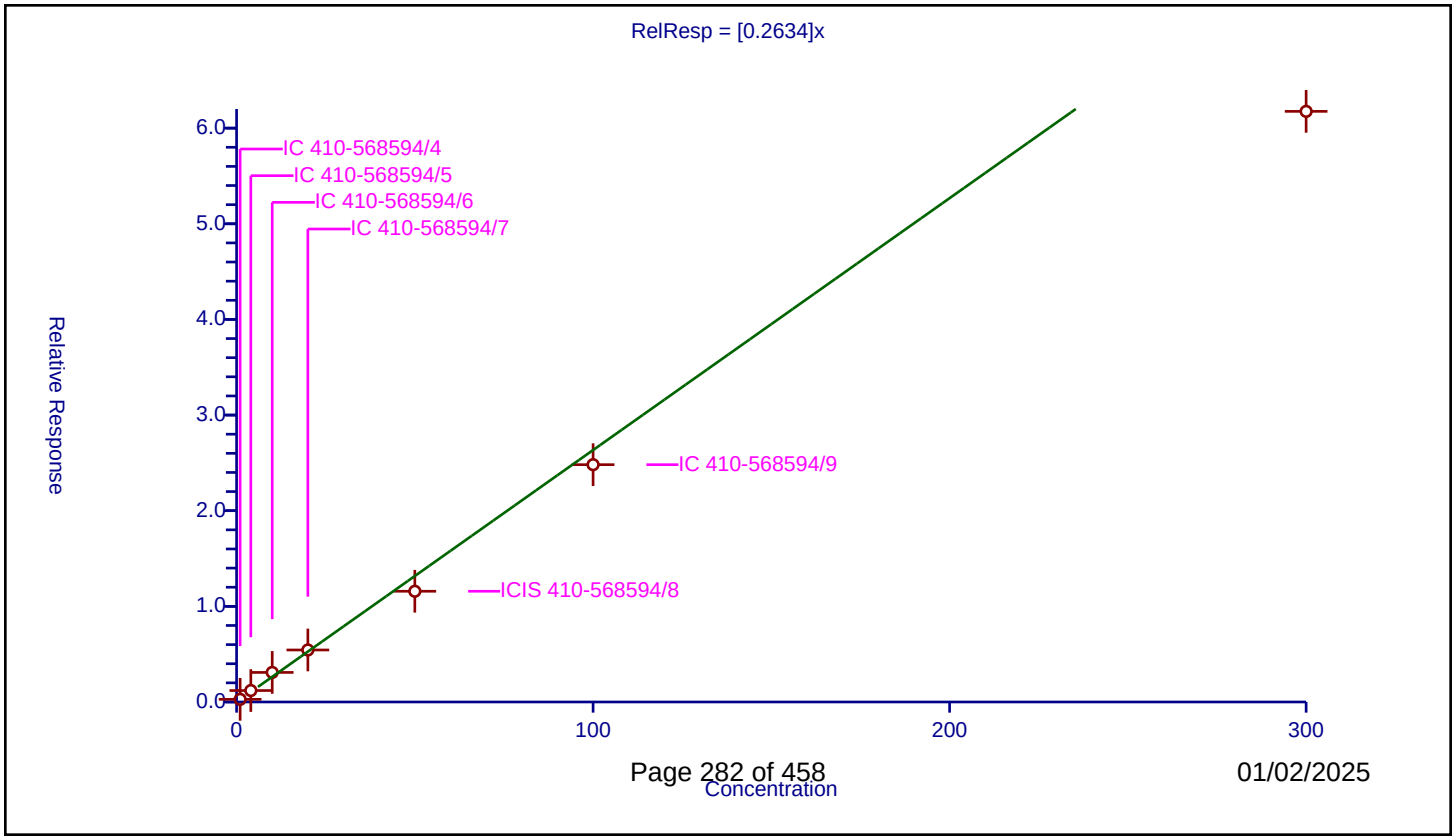
Curve Coefficients

Intercept:	0
Slope:	0.2634

Error Coefficients

Relative Standard Deviation:	14.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.278118	50.0	530890.0	0.278118	Y
2	IC 410-568594/5	4.0	1.197029	50.0	534281.0	0.299257	Y
3	IC 410-568594/6	10.0	3.090092	50.0	539806.0	0.309009	Y
4	IC 410-568594/7	20.0	5.437792	50.0	550867.0	0.27189	Y
5	ICIS 410-568594/8	50.0	11.576815	50.0	630981.0	0.231536	Y
6	IC 410-568594/9	100.0	24.814813	50.0	580089.0	0.248148	Y
7	IC 410-568594/10	300.0	61.753549	50.0	685963.0	0.205845	Y



Calibration / Chloroethane

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

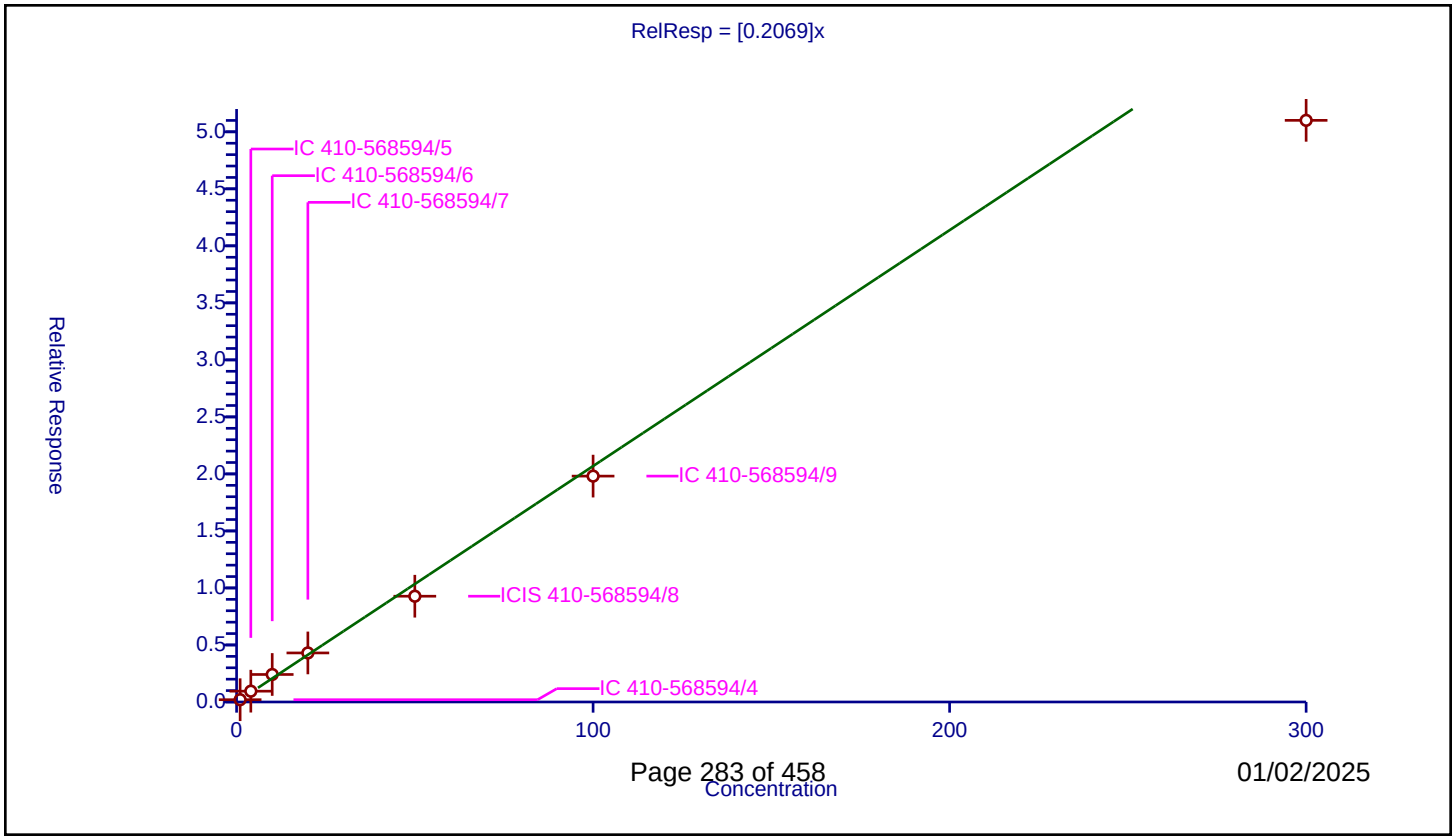
Curve Coefficients

Intercept:	0
Slope:	0.2069

Error Coefficients

Relative Standard Deviation:	12.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.200983	50.0	530890.0	0.200983	Y
2	IC 410-568594/5	4.0	0.948658	50.0	534281.0	0.237165	Y
3	IC 410-568594/6	10.0	2.413182	50.0	539806.0	0.241318	Y
4	IC 410-568594/7	20.0	4.301583	50.0	550867.0	0.215079	Y
5	ICIS 410-568594/8	50.0	9.275715	50.0	630981.0	0.185514	Y
6	IC 410-568594/9	100.0	19.807478	50.0	580089.0	0.198075	Y
7	IC 410-568594/10	300.0	51.005666	50.0	685963.0	0.170019	Y



Calibration / Pentane

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

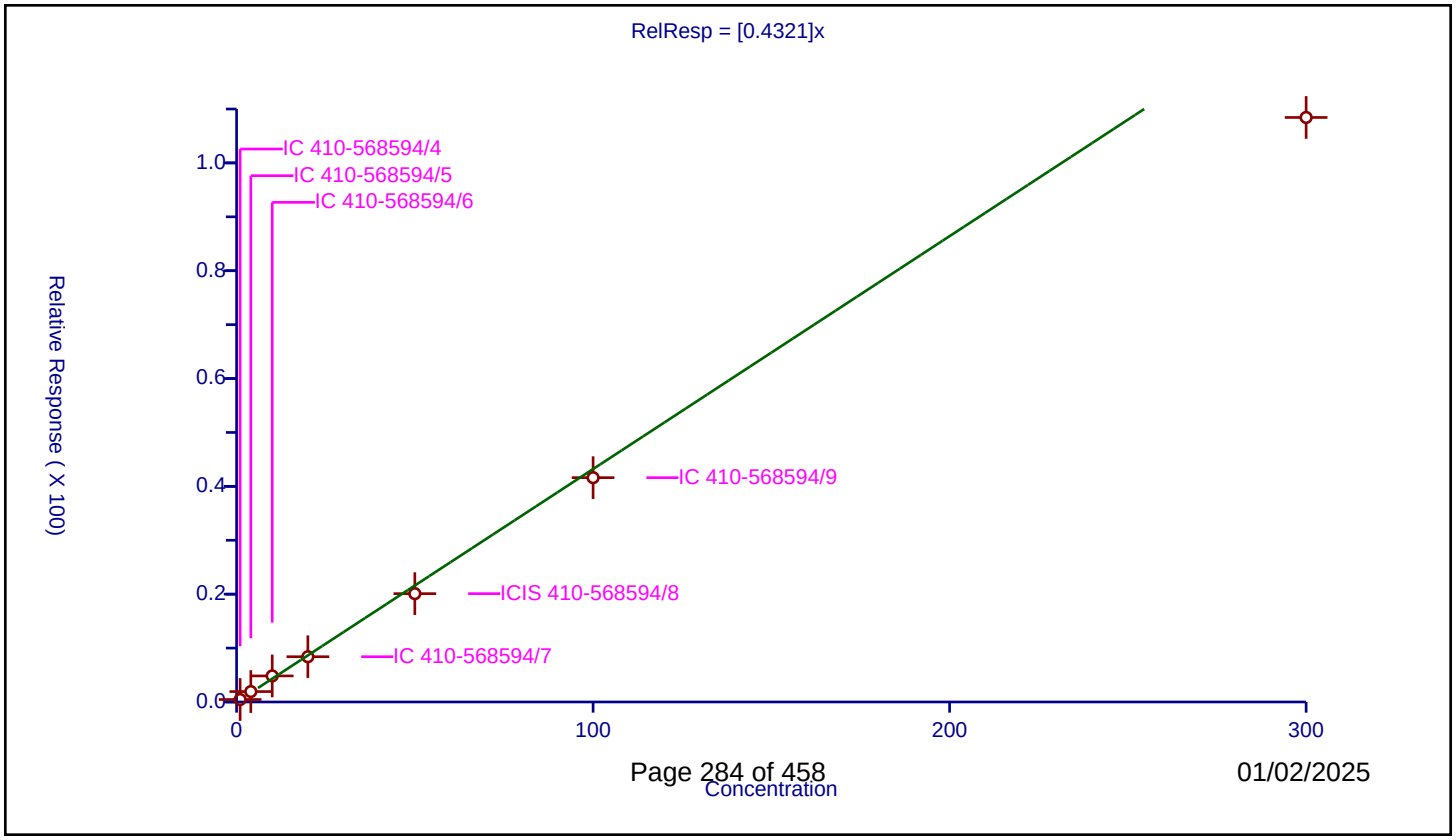
Curve Coefficients

Intercept:	0
Slope:	0.4321

Error Coefficients

Relative Standard Deviation:	10.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.458758	50.0	530890.0	0.458758	Y
2	IC 410-568594/5	4.0	1.931006	50.0	534281.0	0.482752	Y
3	IC 410-568594/6	10.0	4.837293	50.0	539806.0	0.483729	Y
4	IC 410-568594/7	20.0	8.395674	50.0	550867.0	0.419784	Y
5	ICIS 410-568594/8	50.0	20.096088	50.0	630981.0	0.401922	Y
6	IC 410-568594/9	100.0	41.614218	50.0	580089.0	0.416142	Y
7	IC 410-568594/10	300.0	108.430265	50.0	685963.0	0.361434	Y



Calibration / Dichlorofluoromethane

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

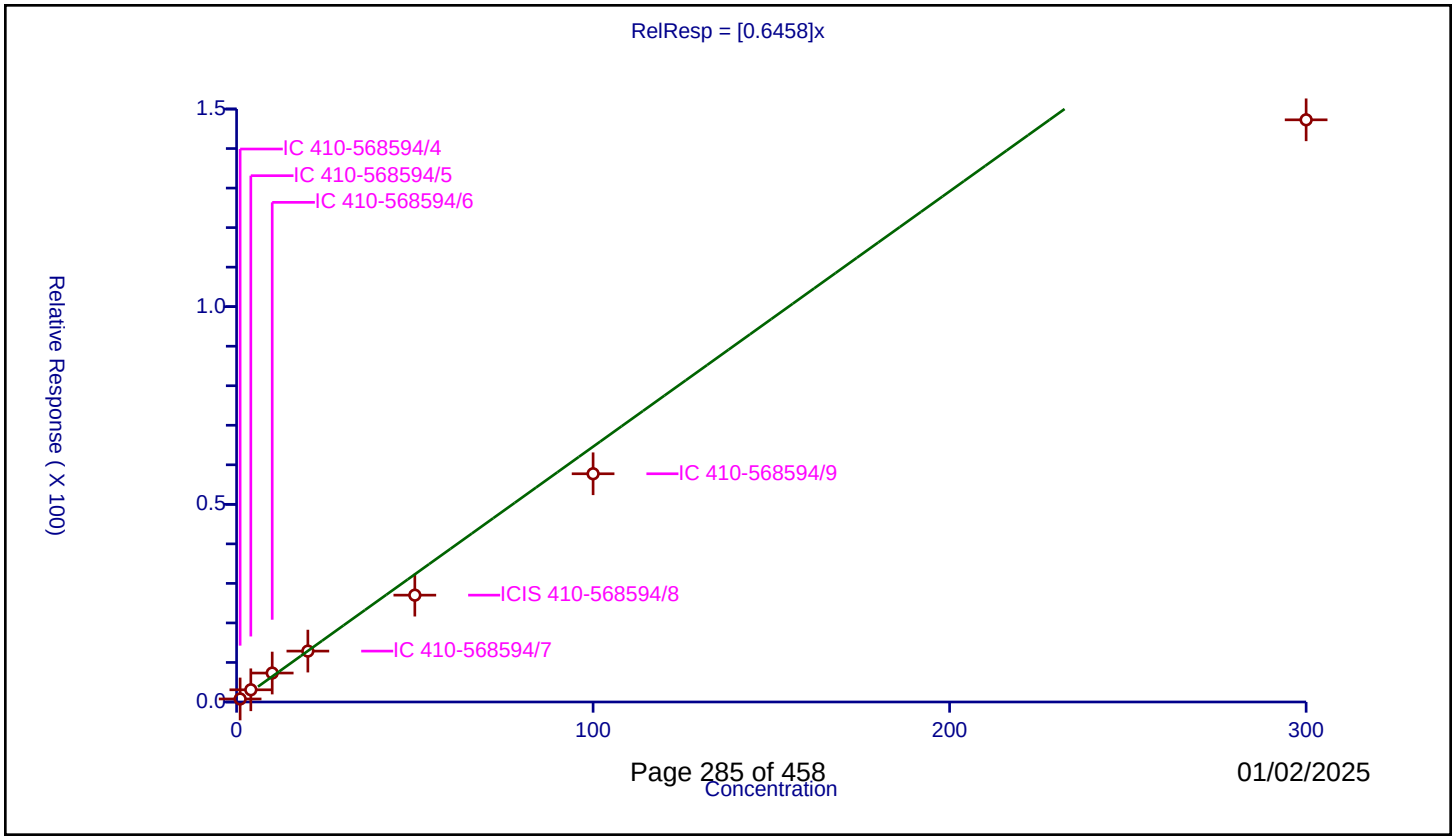
Curve Coefficients

Intercept:	0
Slope:	0.6458

Error Coefficients

Relative Standard Deviation:	17.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.765695	50.0	530890.0	0.765695	Y
2	IC 410-568594/5	4.0	3.083115	50.0	534281.0	0.770779	Y
3	IC 410-568594/6	10.0	7.320871	50.0	539806.0	0.732087	Y
4	IC 410-568594/7	20.0	12.872617	50.0	550867.0	0.643631	Y
5	ICIS 410-568594/8	50.0	27.026012	50.0	630981.0	0.54052	Y
6	IC 410-568594/9	100.0	57.729848	50.0	580089.0	0.577298	Y
7	IC 410-568594/10	300.0	147.265669	50.0	685963.0	0.490886	Y



Calibration / Trichlorofluoromethane

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

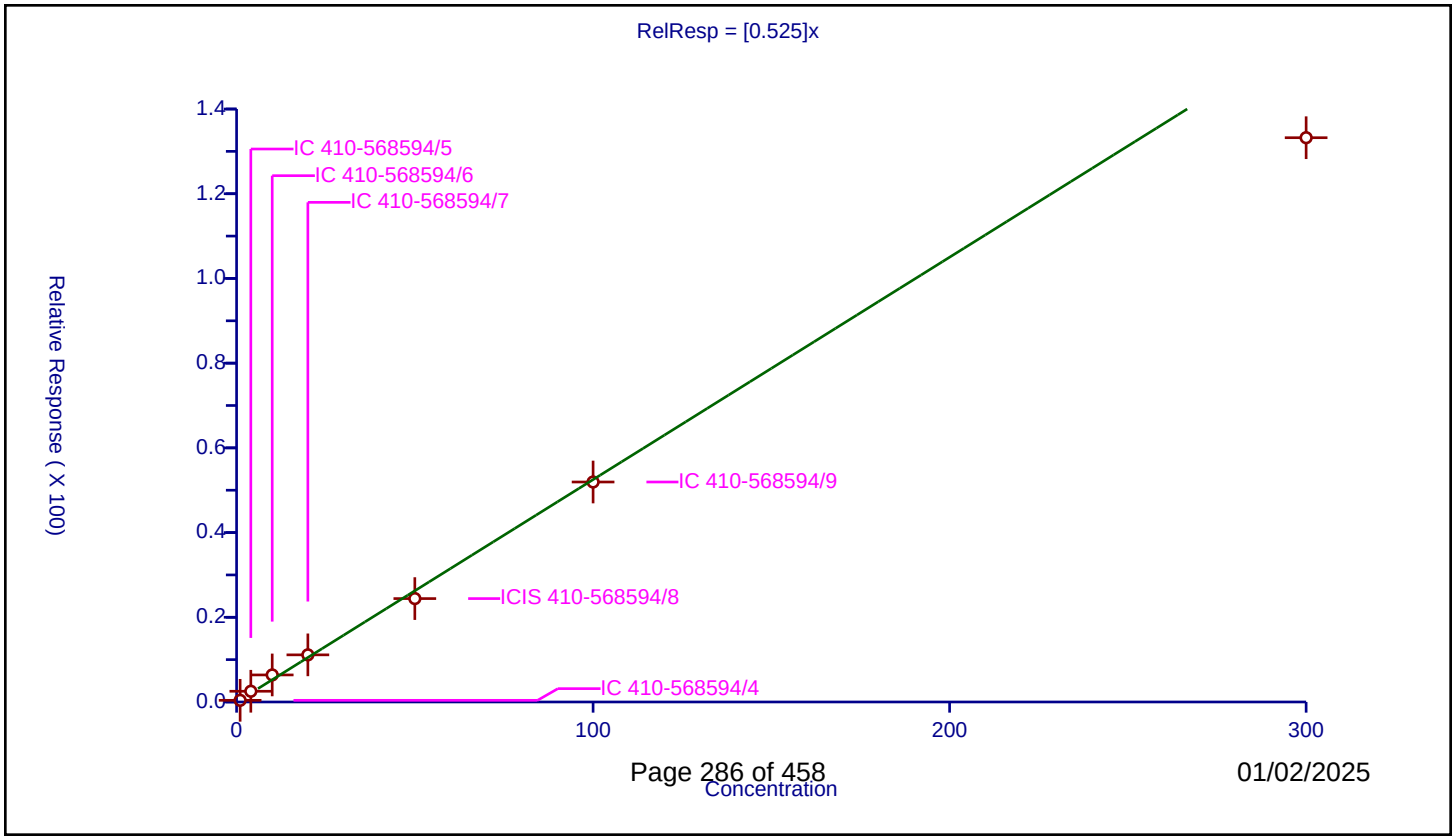
Curve Coefficients

Intercept:	0
Slope:	0.525

Error Coefficients

Relative Standard Deviation:	17.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.394997	50.0	530890.0	0.394997	Y
2	IC 410-568594/5	4.0	2.533592	50.0	534281.0	0.633398	Y
3	IC 410-568594/6	10.0	6.389147	50.0	539806.0	0.638915	Y
4	IC 410-568594/7	20.0	11.126733	50.0	550867.0	0.556337	Y
5	ICIS 410-568594/8	50.0	24.411829	50.0	630981.0	0.488237	Y
6	IC 410-568594/9	100.0	51.936599	50.0	580089.0	0.519366	Y
7	IC 410-568594/10	300.0	133.22825	50.0	685963.0	0.444094	Y



Calibration / 1,2-Dichloro-1,1,2-trifluoroethane

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

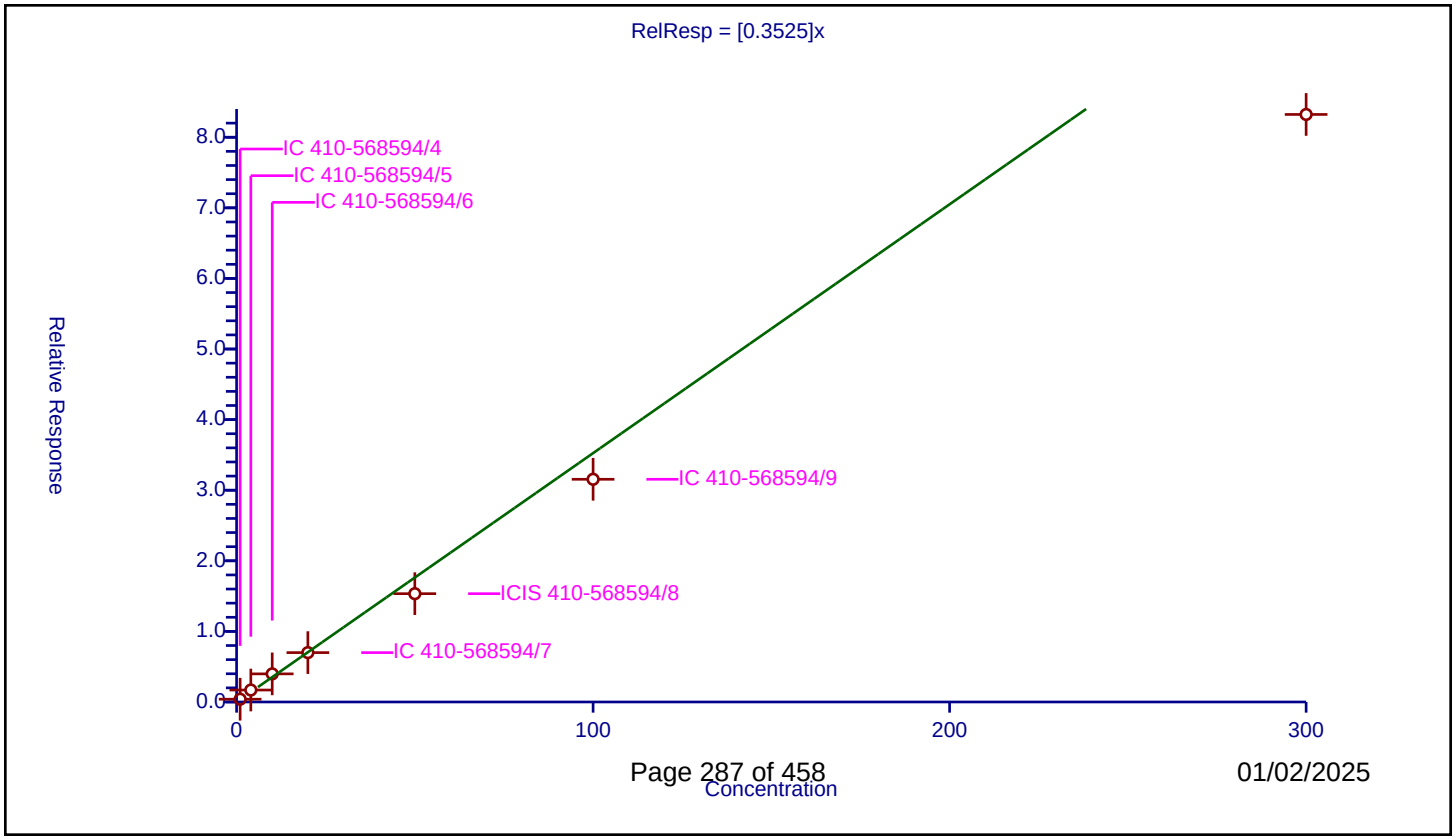
Curve Coefficients

Intercept:	0
Slope:	0.3525

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.396316	50.0	530890.0	0.396316	Y
2	IC 410-568594/5	4.0	1.69424	50.0	534281.0	0.42356	Y
3	IC 410-568594/6	10.0	3.982912	50.0	539806.0	0.398291	Y
4	IC 410-568594/7	20.0	6.992886	50.0	550867.0	0.349644	Y
5	ICIS 410-568594/8	50.0	15.340795	50.0	630981.0	0.306816	Y
6	IC 410-568594/9	100.0	31.548607	50.0	580089.0	0.315486	Y
7	IC 410-568594/10	300.0	83.227594	50.0	685963.0	0.277425	Y



Calibration / Acrolein

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

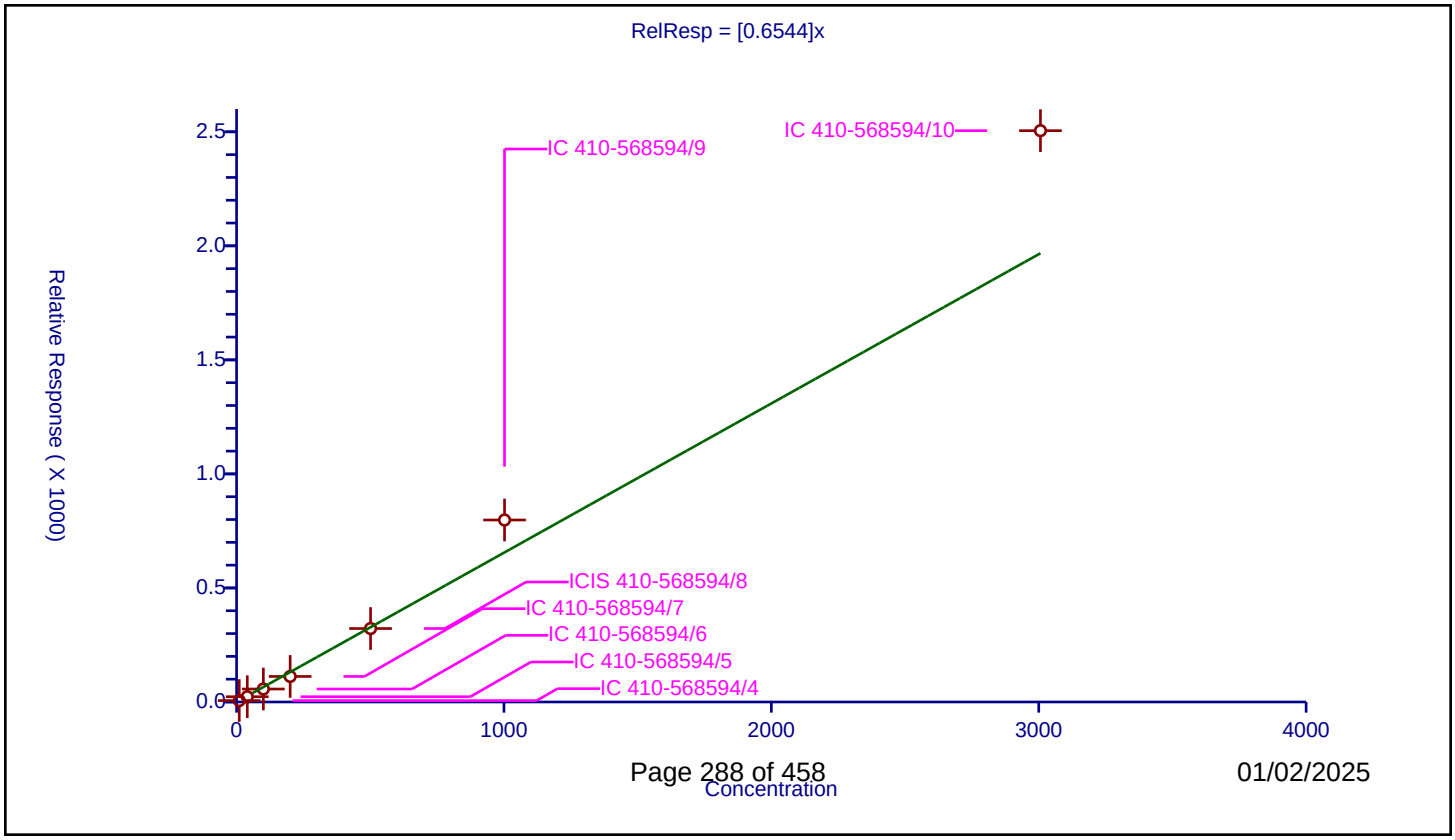
Curve Coefficients

Intercept:	0
Slope:	0.6544

Error Coefficients

Relative Standard Deviation:	17.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	10.021277	6.080712	250.0	378903.0	0.60678	Y
2	IC 410-568594/5	40.08511	23.072737	250.0	355582.0	0.575594	Y
3	IC 410-568594/6	100.212774	56.888654	250.0	339914.0	0.567679	Y
4	IC 410-568594/7	200.425549	111.983339	250.0	357004.0	0.558728	Y
5	ICIS 410-568594/8	501.063872	322.066532	250.0	374855.0	0.642765	Y
6	IC 410-568594/9	1002.127744	797.941563	250.0	347861.0	0.796247	Y
7	IC 410-568594/10	3006.383231	2505.043956	250.0	362067.0	0.833242	Y



Calibration / 1,1-Dichloroethene

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

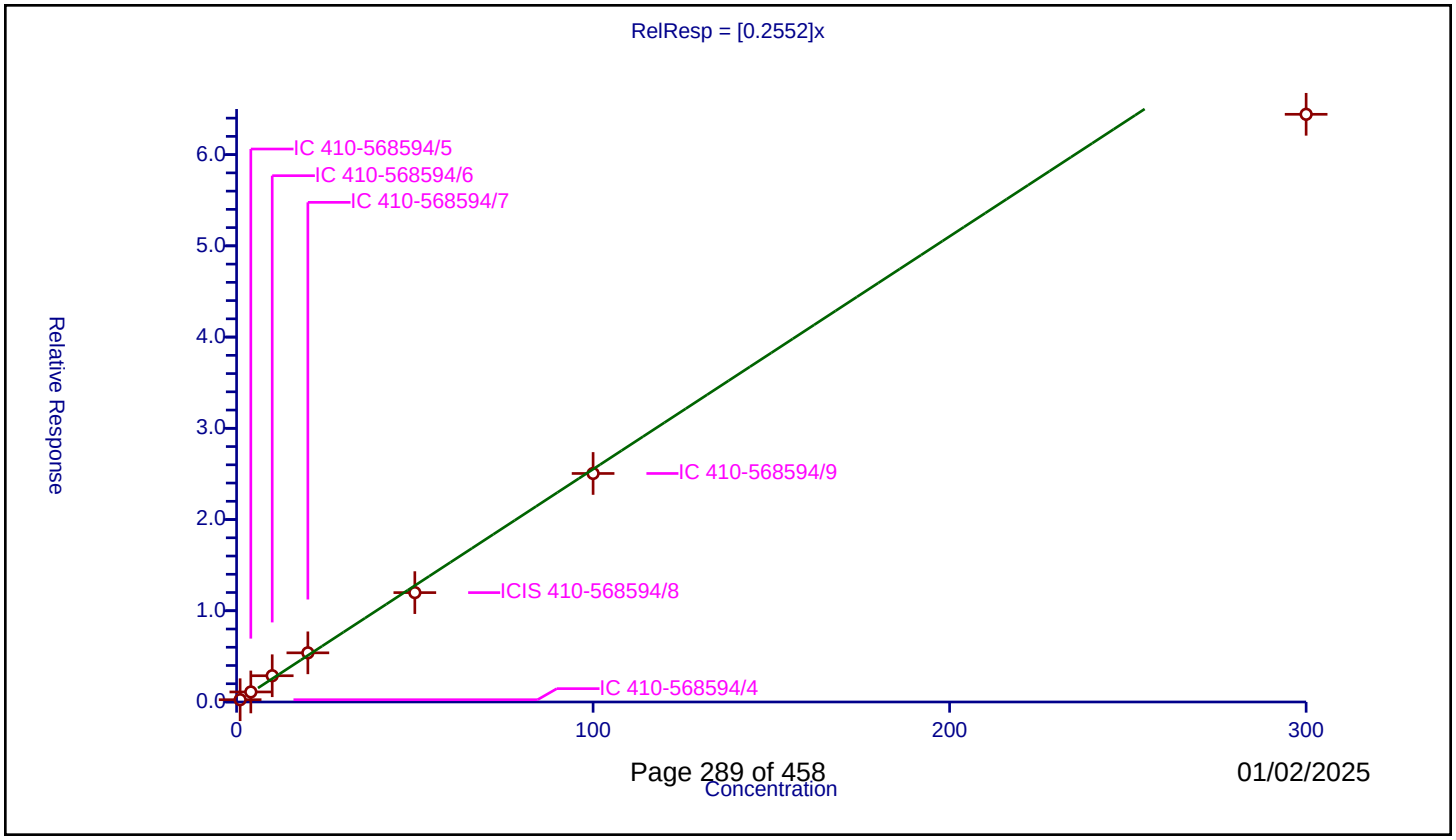
Curve Coefficients

Intercept:	0
Slope:	0.2552

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.248545	50.0	530890.0	0.248545	Y
2	IC 410-568594/5	4.0	1.101293	50.0	534281.0	0.275323	Y
3	IC 410-568594/6	10.0	2.878997	50.0	539806.0	0.2879	Y
4	IC 410-568594/7	20.0	5.389958	50.0	550867.0	0.269498	Y
5	ICIS 410-568594/8	50.0	11.990298	50.0	630981.0	0.239806	Y
6	IC 410-568594/9	100.0	25.050897	50.0	580089.0	0.250509	Y
7	IC 410-568594/10	300.0	64.421405	50.0	685963.0	0.214738	Y



Calibration / Acetone

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

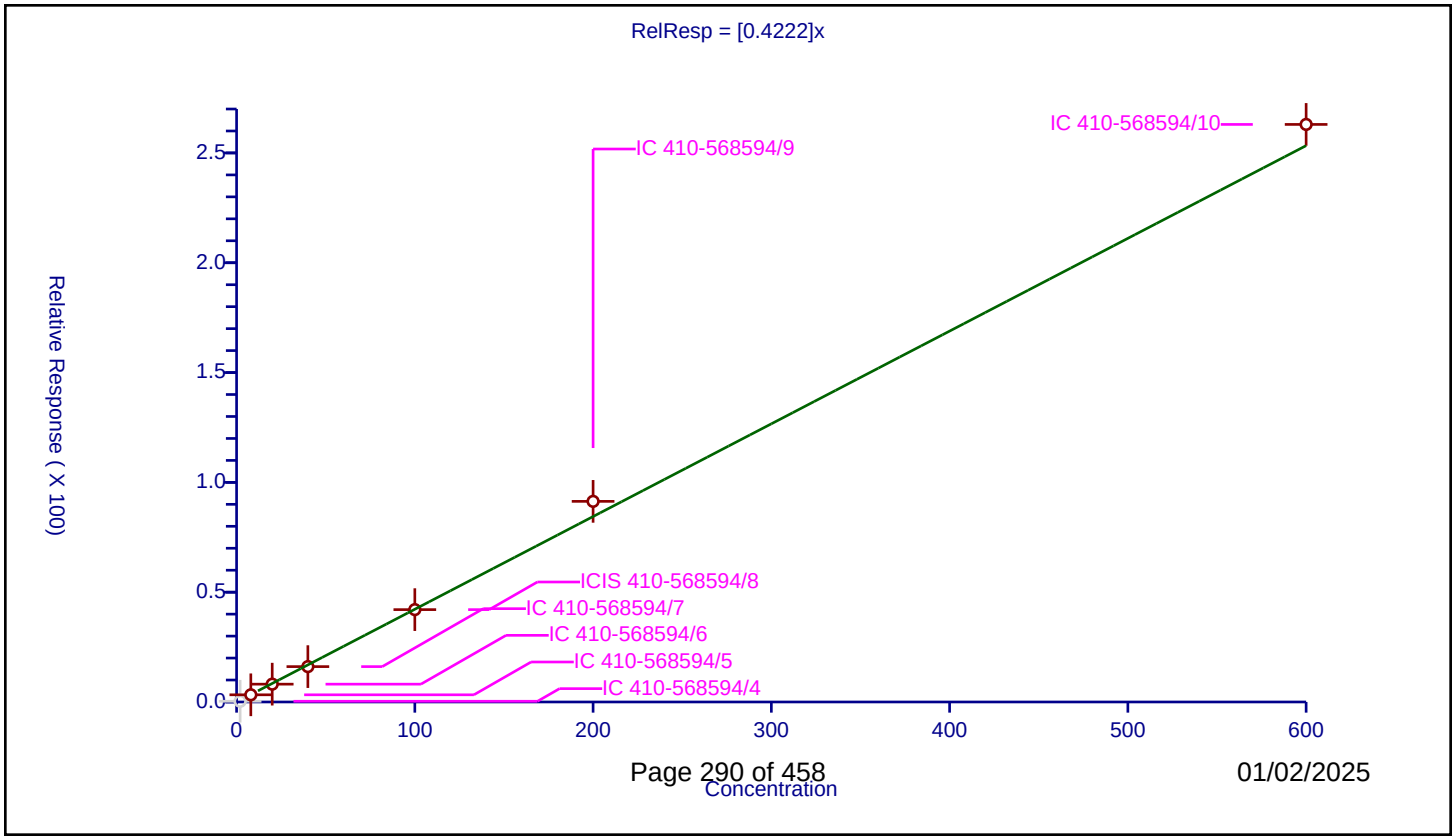
Curve Coefficients

Intercept:	0
Slope:	0.4222

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.0	0.336498	250.0	378903.0	0.168249	N
2	IC 410-568594/5	8.0	3.2721	250.0	355582.0	0.409013	Y
3	IC 410-568594/6	20.0	8.120436	250.0	339914.0	0.406022	Y
4	IC 410-568594/7	40.0	16.104161	250.0	357004.0	0.402604	Y
5	ICIS 410-568594/8	100.0	42.054928	250.0	374855.0	0.420549	Y
6	IC 410-568594/9	200.0	91.351862	250.0	347861.0	0.456759	Y
7	IC 410-568594/10	600.0	262.979642	250.0	362067.0	0.438299	Y



Calibration / 1,1,2-Trichloro-1,2,2-trifluoroethane

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

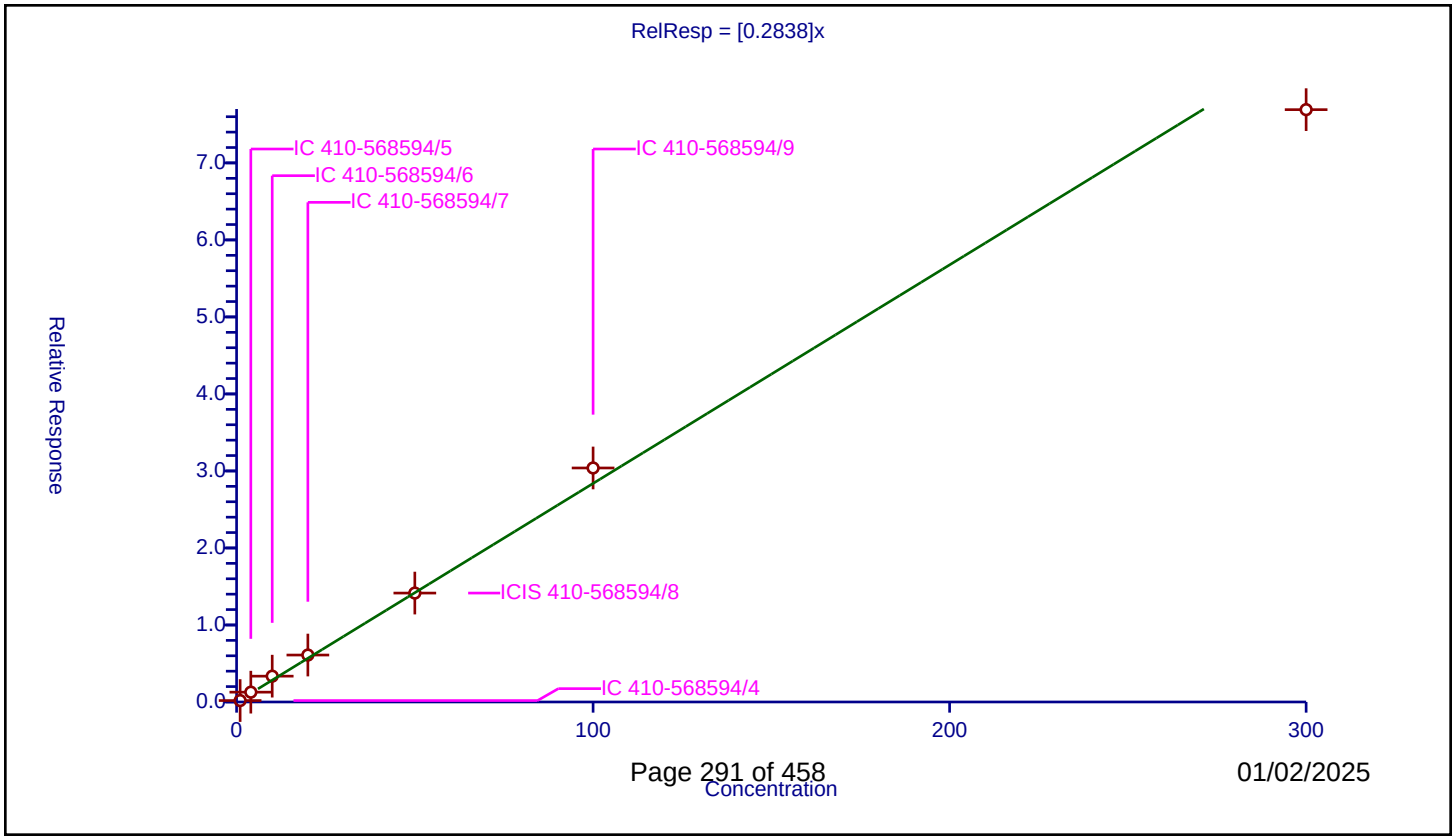
Curve Coefficients

Intercept:	0
Slope:	0.2838

Error Coefficients

Relative Standard Deviation:	17.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.184313	50.0	530890.0	0.184313	Y
2	IC 410-568594/5	4.0	1.27592	50.0	534281.0	0.31898	Y
3	IC 410-568594/6	10.0	3.352686	50.0	539806.0	0.335269	Y
4	IC 410-568594/7	20.0	6.096844	50.0	550867.0	0.304842	Y
5	ICIS 410-568594/8	50.0	14.145355	50.0	630981.0	0.282907	Y
6	IC 410-568594/9	100.0	30.388268	50.0	580089.0	0.303883	Y
7	IC 410-568594/10	300.0	76.915519	50.0	685963.0	0.256385	Y



Calibration / Isopropyl alcohol

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

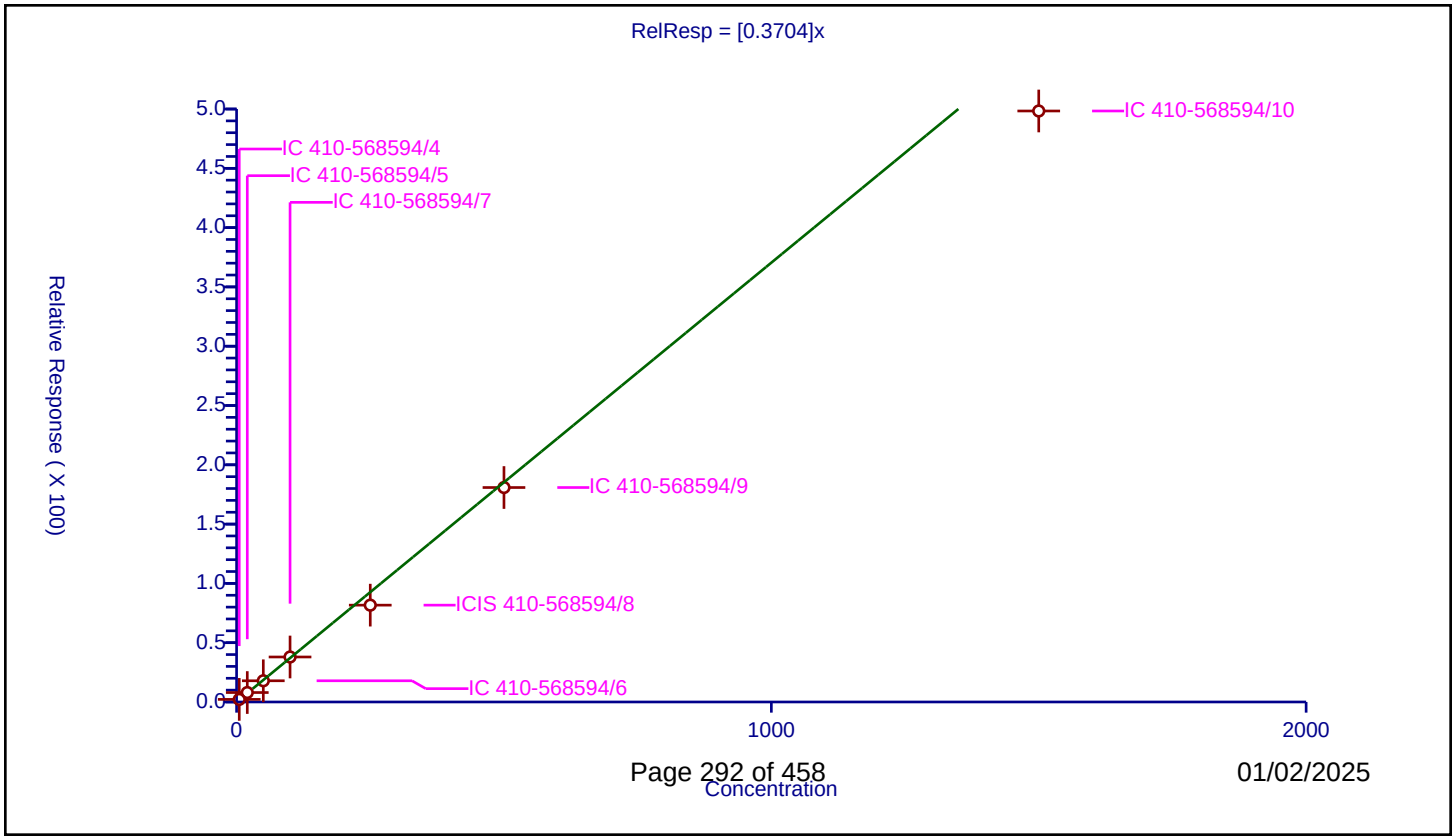
Curve Coefficients

Intercept:	0
Slope:	0.3704

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	5.0	2.184596	250.0	378903.0	0.436919	Y
2	IC 410-568594/5	20.0	7.972141	250.0	355582.0	0.398607	Y
3	IC 410-568594/6	50.0	17.8832	250.0	339914.0	0.357664	Y
4	IC 410-568594/7	100.0	37.942152	250.0	357004.0	0.379422	Y
5	ICIS 410-568594/8	250.0	81.652239	250.0	374855.0	0.326609	Y
6	IC 410-568594/9	500.0	180.832286	250.0	347861.0	0.361665	Y
7	IC 410-568594/10	1500.0	498.329039	250.0	362067.0	0.332219	Y



Calibration / Iodomethane

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

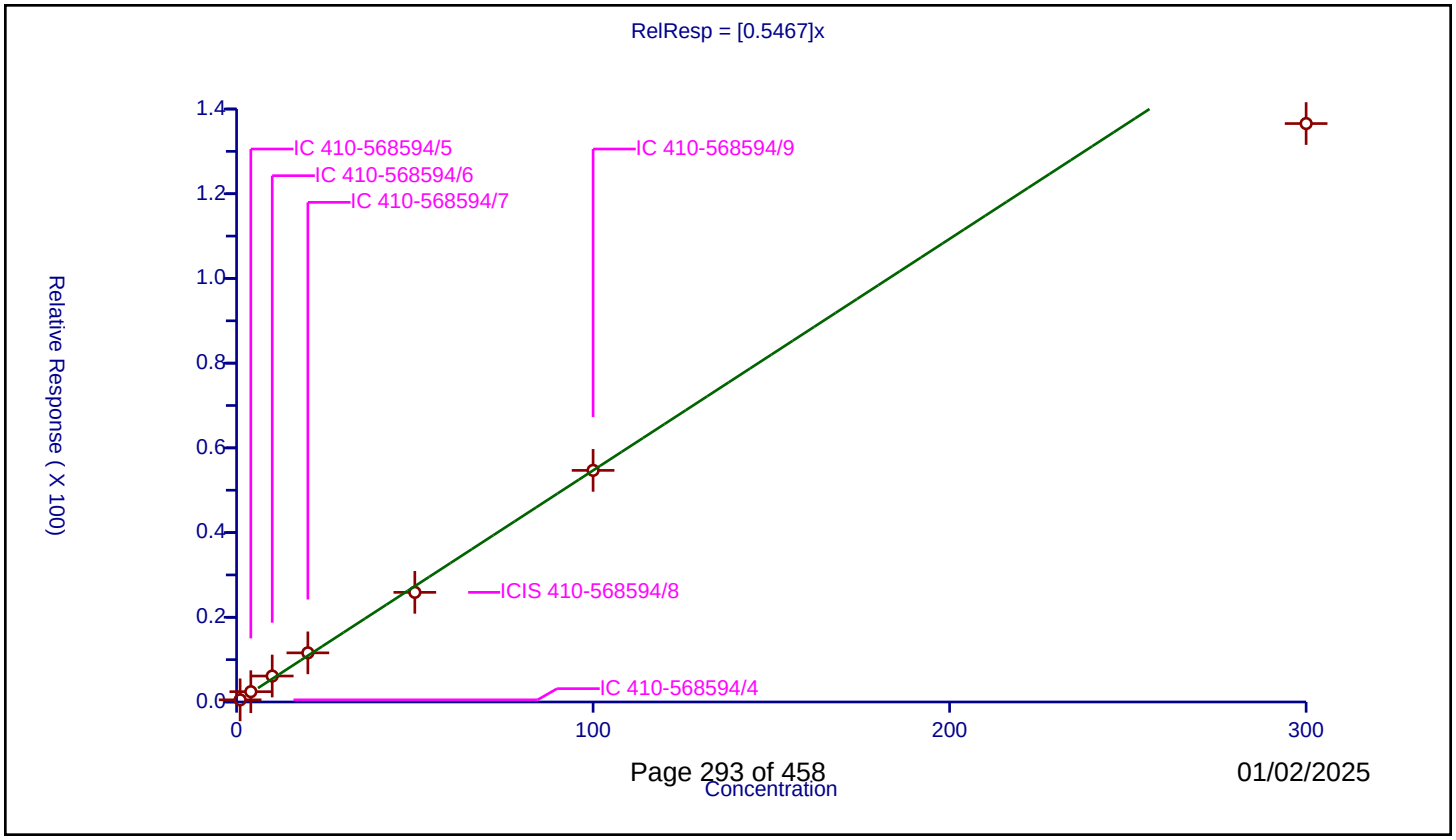
Curve Coefficients

Intercept:	0
Slope:	0.5467

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.506037	50.0	530890.0	0.506037	Y
2	IC 410-568594/5	4.0	2.433551	50.0	534281.0	0.608388	Y
3	IC 410-568594/6	10.0	6.12646	50.0	539806.0	0.612646	Y
4	IC 410-568594/7	20.0	11.602438	50.0	550867.0	0.580122	Y
5	ICIS 410-568594/8	50.0	25.887705	50.0	630981.0	0.517754	Y
6	IC 410-568594/9	100.0	54.684798	50.0	580089.0	0.546848	Y
7	IC 410-568594/10	300.0	136.568007	50.0	685963.0	0.455227	Y



Calibration / Carbon disulfide

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

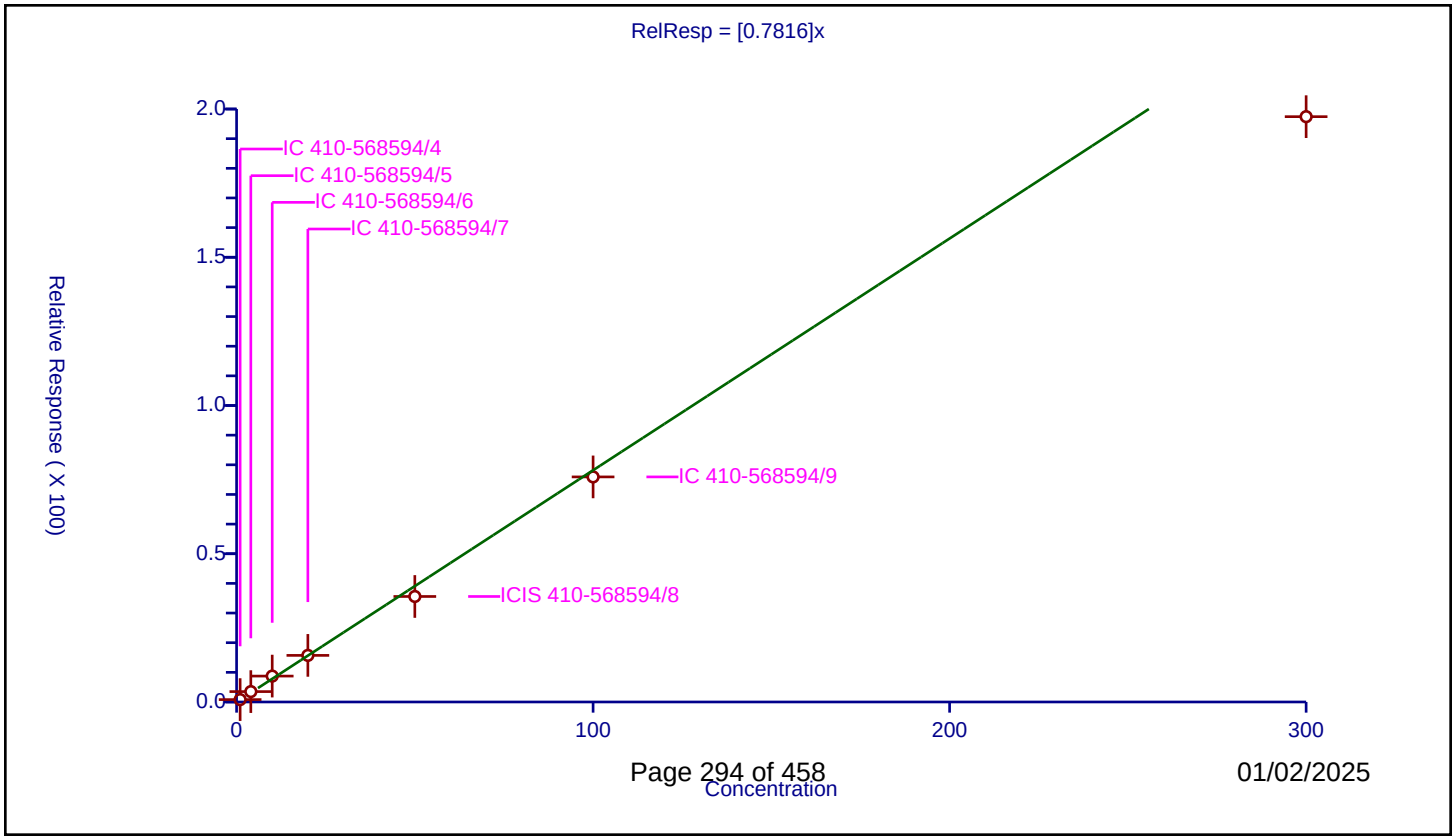
Curve Coefficients

Intercept:	0
Slope:	0.7816

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.806476	50.0	530890.0	0.806476	Y
2	IC 410-568594/5	4.0	3.504429	50.0	534281.0	0.876107	Y
3	IC 410-568594/6	10.0	8.740084	50.0	539806.0	0.874008	Y
4	IC 410-568594/7	20.0	15.713412	50.0	550867.0	0.785671	Y
5	ICIS 410-568594/8	50.0	35.586808	50.0	630981.0	0.711736	Y
6	IC 410-568594/9	100.0	75.914989	50.0	580089.0	0.75915	Y
7	IC 410-568594/10	300.0	197.419686	50.0	685963.0	0.658066	Y



Calibration / Methyl acetate

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

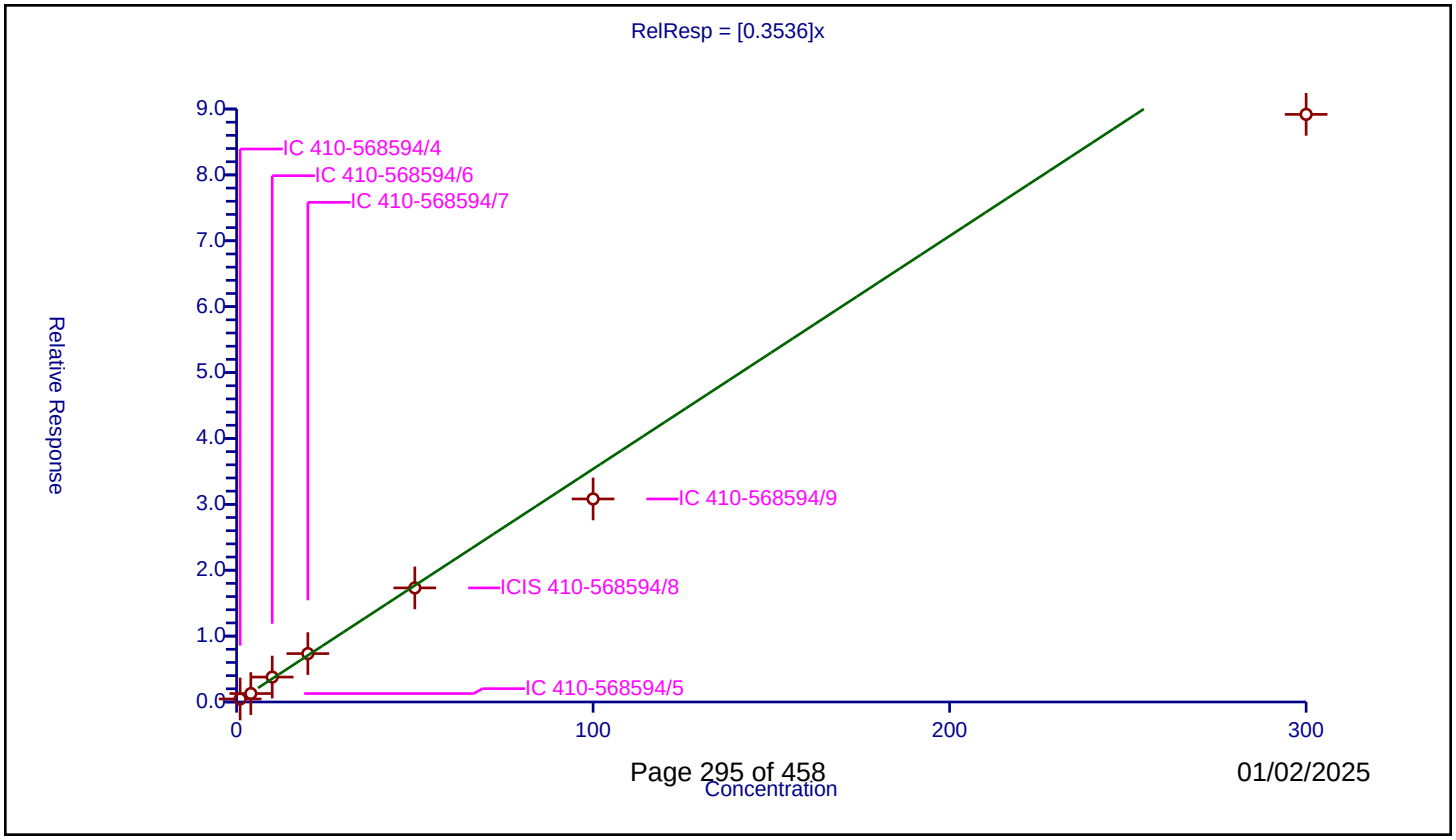
Curve Coefficients

Intercept:	0
Slope:	0.3536

Error Coefficients

Relative Standard Deviation:	15.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.458004	50.0	530890.0	0.458004	Y
2	IC 410-568594/5	4.0	1.281161	50.0	534281.0	0.32029	Y
3	IC 410-568594/6	10.0	3.781822	50.0	539806.0	0.378182	Y
4	IC 410-568594/7	20.0	7.345512	50.0	550867.0	0.367276	Y
5	ICIS 410-568594/8	50.0	17.316132	50.0	630981.0	0.346323	Y
6	IC 410-568594/9	100.0	30.815616	50.0	580089.0	0.308156	Y
7	IC 410-568594/10	300.0	89.187828	50.0	685963.0	0.297293	Y



Calibration / 3-Chloro-1-propene

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

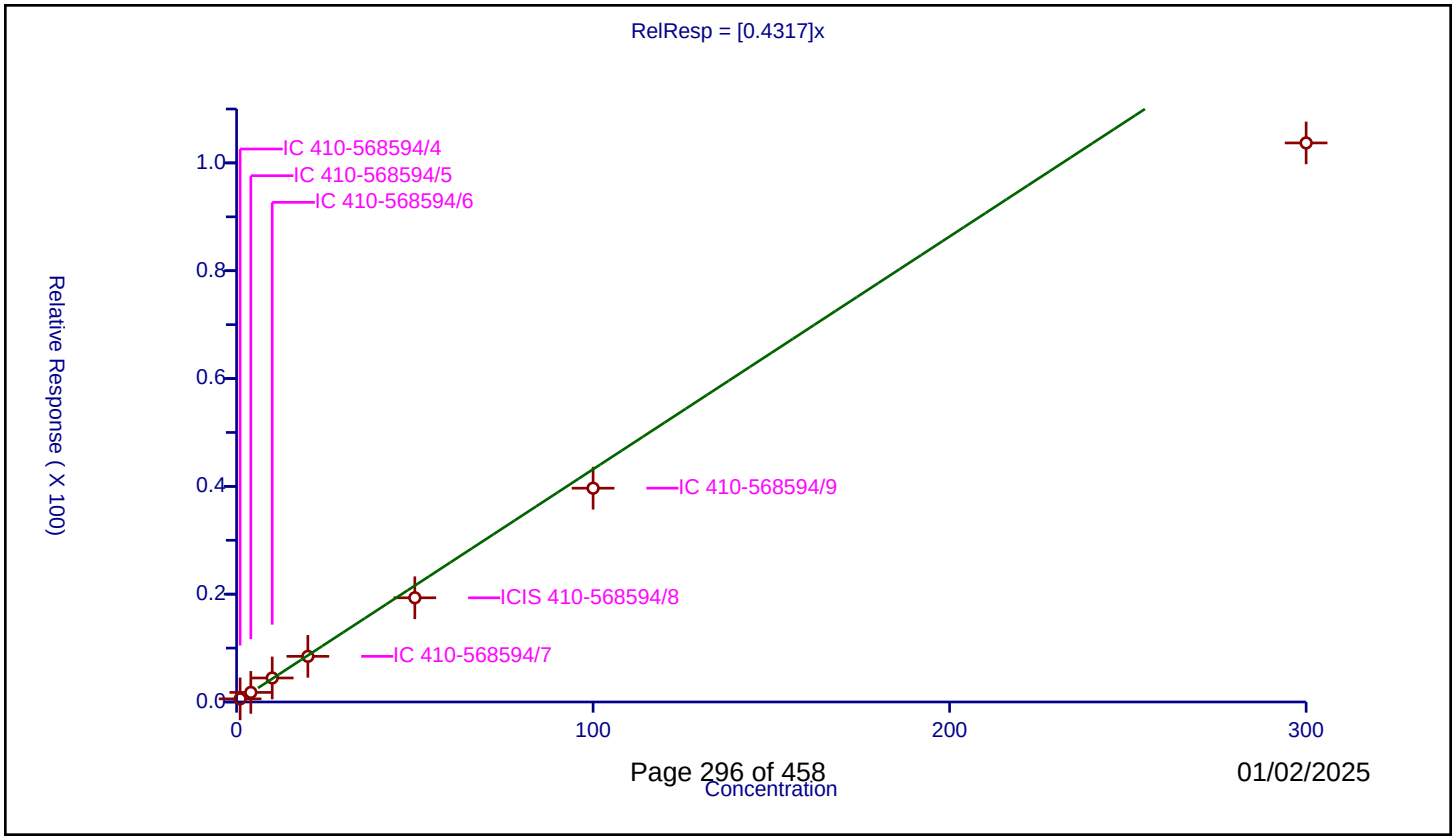
Curve Coefficients

Intercept:	0
Slope:	0.4317

Error Coefficients

Relative Standard Deviation:	17.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.58044	50.0	530890.0	0.58044	Y
2	IC 410-568594/5	4.0	1.776406	50.0	534281.0	0.444102	Y
3	IC 410-568594/6	10.0	4.454378	50.0	539806.0	0.445438	Y
4	IC 410-568594/7	20.0	8.46502	50.0	550867.0	0.423251	Y
5	ICIS 410-568594/8	50.0	19.331565	50.0	630981.0	0.386631	Y
6	IC 410-568594/9	100.0	39.659776	50.0	580089.0	0.396598	Y
7	IC 410-568594/10	300.0	103.705156	50.0	685963.0	0.345684	Y



Calibration / Methylene Chloride

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

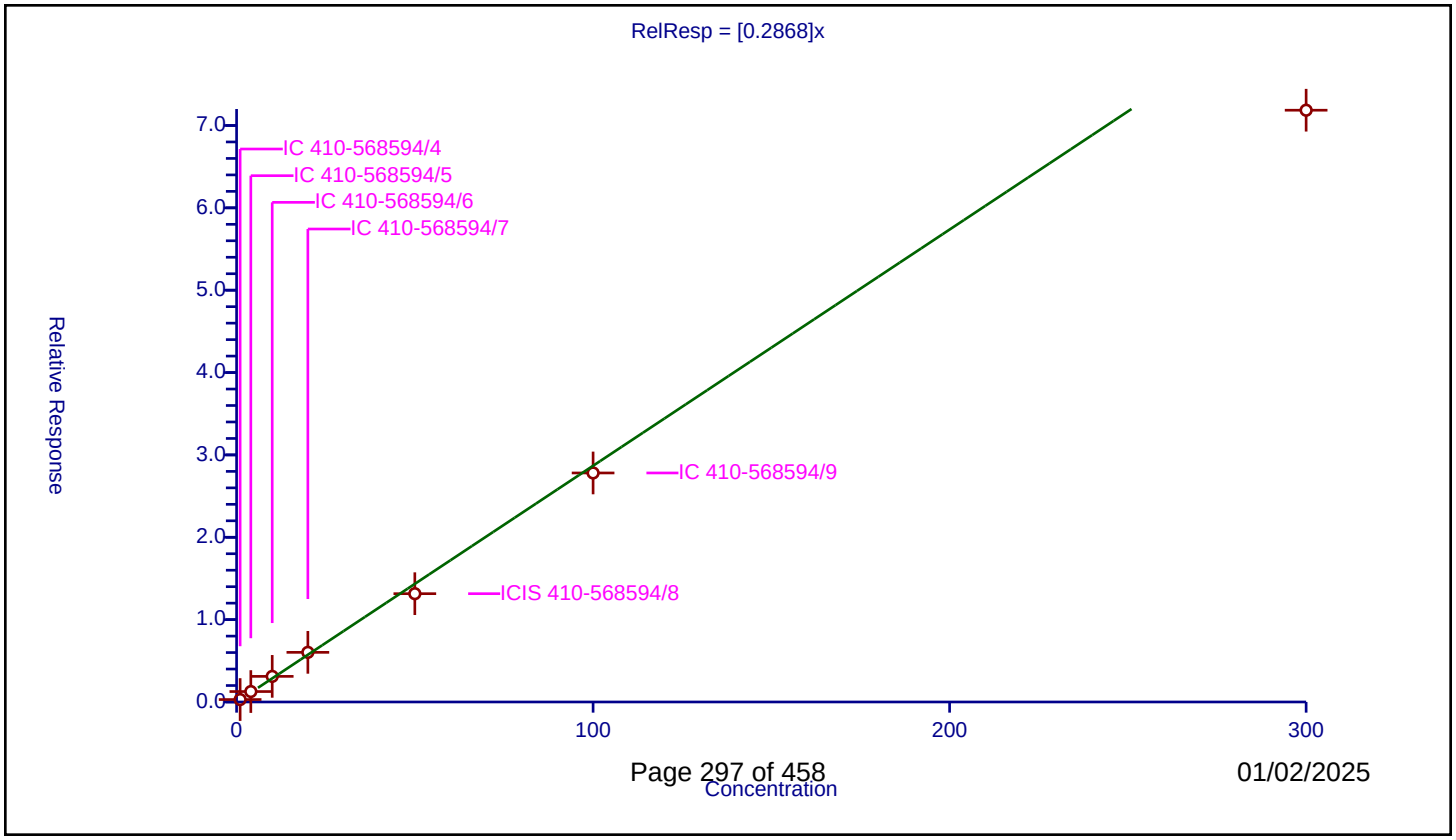
Curve Coefficients

Intercept:	0
Slope:	0.2868

Error Coefficients

Relative Standard Deviation:	9.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.297802	50.0	530890.0	0.297802	Y
2	IC 410-568594/5	4.0	1.267779	50.0	534281.0	0.316945	Y
3	IC 410-568594/6	10.0	3.109728	50.0	539806.0	0.310973	Y
4	IC 410-568594/7	20.0	6.028678	50.0	550867.0	0.301434	Y
5	ICIS 410-568594/8	50.0	13.150396	50.0	630981.0	0.263008	Y
6	IC 410-568594/9	100.0	27.80875	50.0	580089.0	0.278088	Y
7	IC 410-568594/10	300.0	71.853147	50.0	685963.0	0.23951	Y



Calibration / 2-Methyl-2-propanol

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

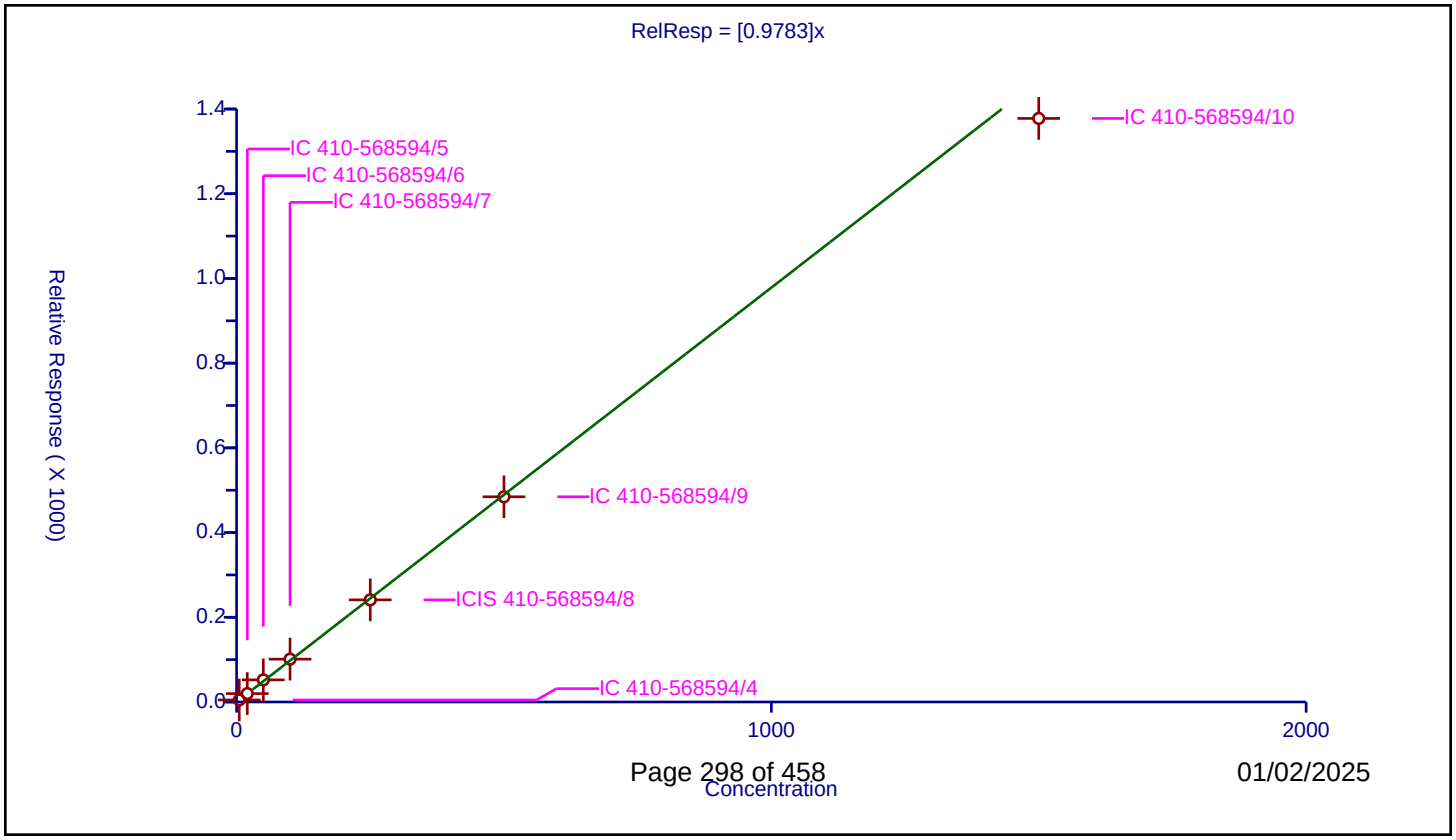
Curve Coefficients

Intercept:	0
Slope:	0.9783

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	5.0	4.755175	250.0	378903.0	0.951035	Y
2	IC 410-568594/5	20.0	19.787278	250.0	355582.0	0.989364	Y
3	IC 410-568594/6	50.0	52.211	250.0	339914.0	1.04422	Y
4	IC 410-568594/7	100.0	101.148026	250.0	357004.0	1.01148	Y
5	ICIS 410-568594/8	250.0	241.089888	250.0	374855.0	0.96436	Y
6	IC 410-568594/9	500.0	484.478714	250.0	347861.0	0.968957	Y
7	IC 410-568594/10	1500.0	1377.800241	250.0	362067.0	0.918533	Y



Calibration / Acrylonitrile

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

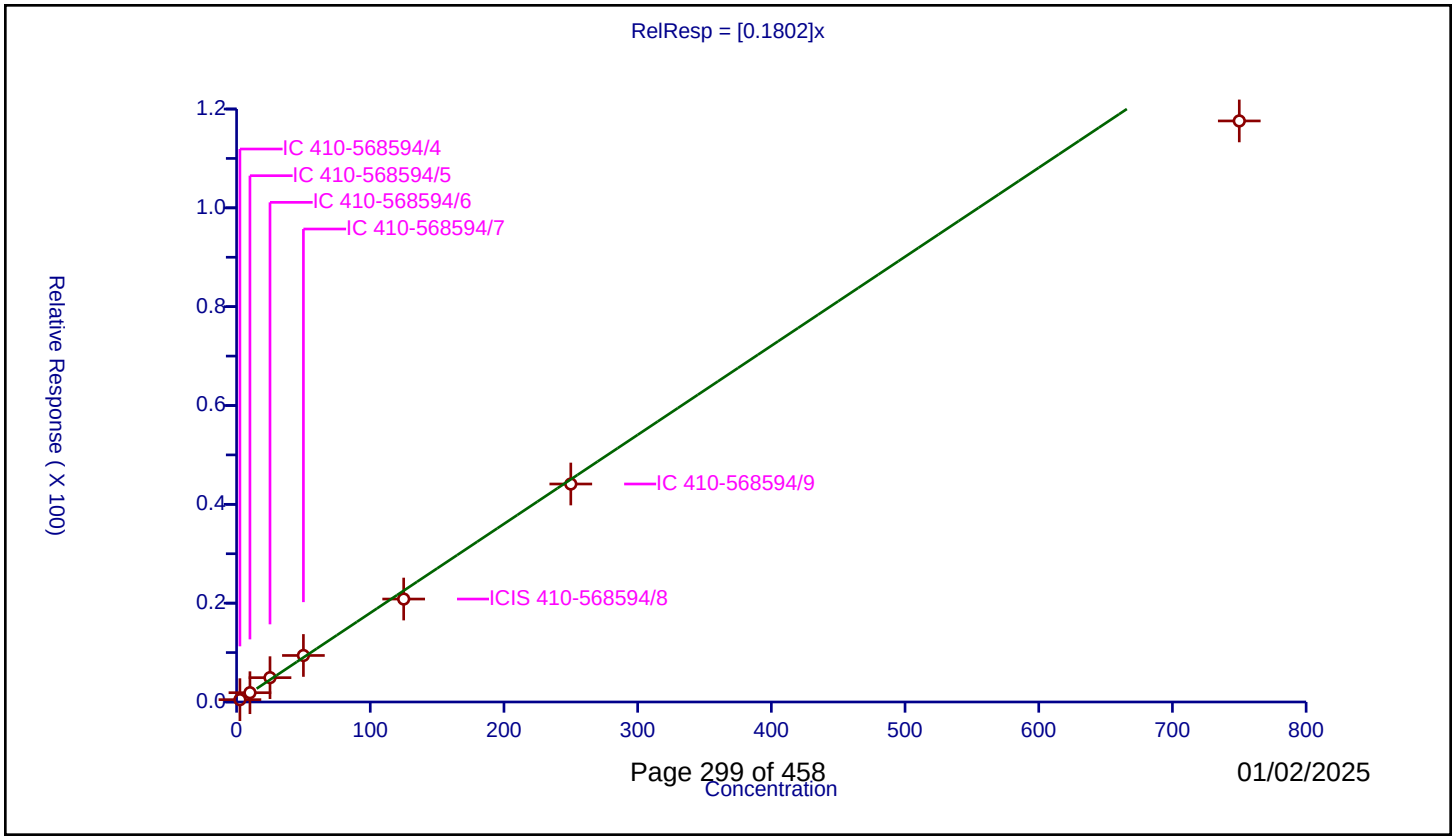
Curve Coefficients

Intercept:	0
Slope:	0.1802

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.5	0.470719	50.0	530890.0	0.188288	Y
2	IC 410-568594/5	10.0	1.879816	50.0	534281.0	0.187982	Y
3	IC 410-568594/6	25.0	4.924825	50.0	539806.0	0.196993	Y
4	IC 410-568594/7	50.0	9.413161	50.0	550867.0	0.188263	Y
5	ICIS 410-568594/8	125.0	20.834146	50.0	630981.0	0.166673	Y
6	IC 410-568594/9	250.0	44.1128	50.0	580089.0	0.176451	Y
7	IC 410-568594/10	750.0	117.586007	50.0	685963.0	0.156781	Y



Calibration / Methyl tert-butyl ether

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

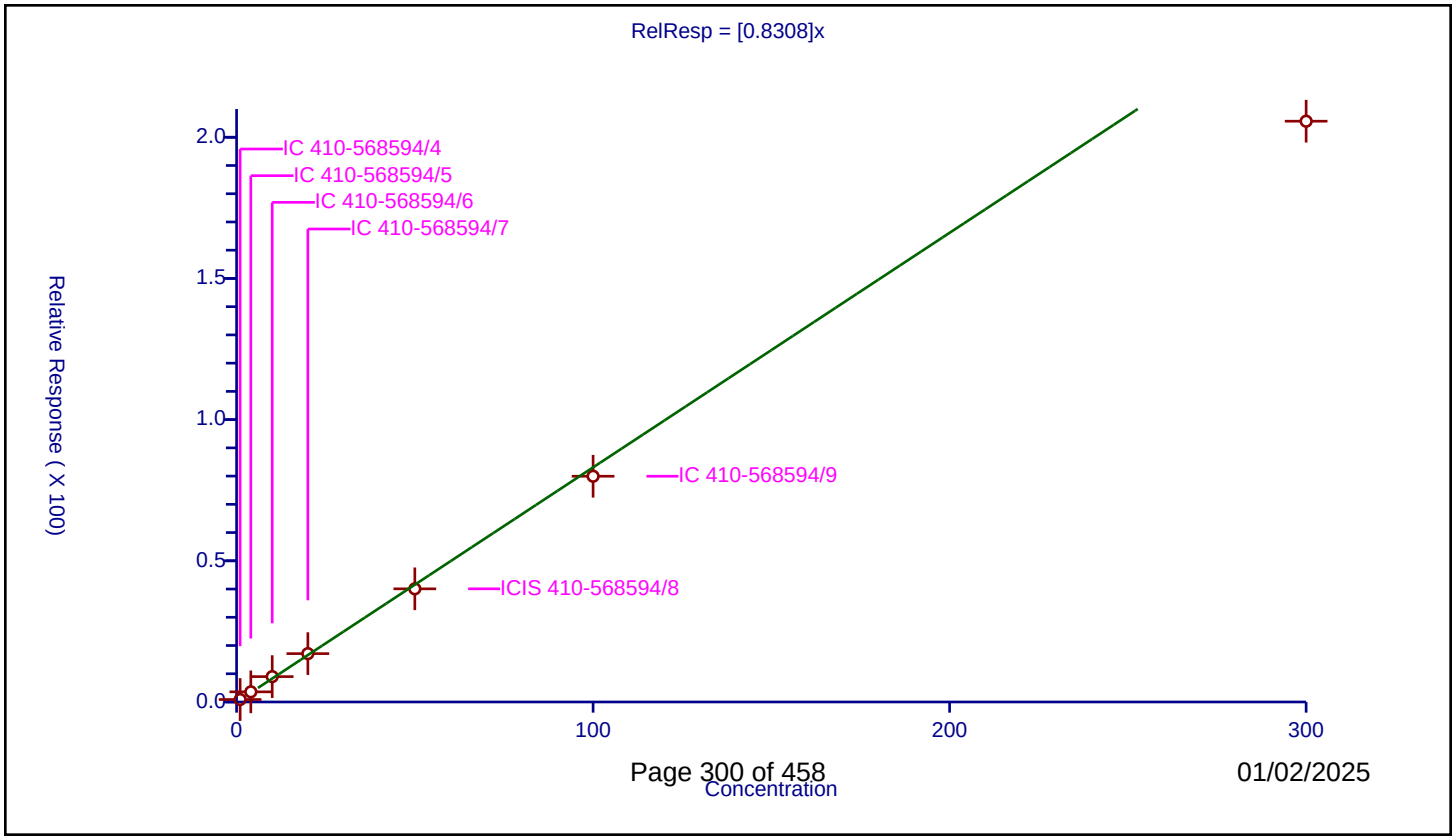
Curve Coefficients

Intercept:	0
Slope:	0.8308

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.875699	50.0	530890.0	0.875699	Y
2	IC 410-568594/5	4.0	3.594083	50.0	534281.0	0.898521	Y
3	IC 410-568594/6	10.0	8.983968	50.0	539806.0	0.898397	Y
4	IC 410-568594/7	20.0	17.127819	50.0	550867.0	0.856391	Y
5	ICIS 410-568594/8	50.0	40.073077	50.0	630981.0	0.801462	Y
6	IC 410-568594/9	100.0	79.948163	50.0	580089.0	0.799482	Y
7	IC 410-568594/10	300.0	205.683397	50.0	685963.0	0.685611	Y



Calibration / trans-1,2-Dichloroethene

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

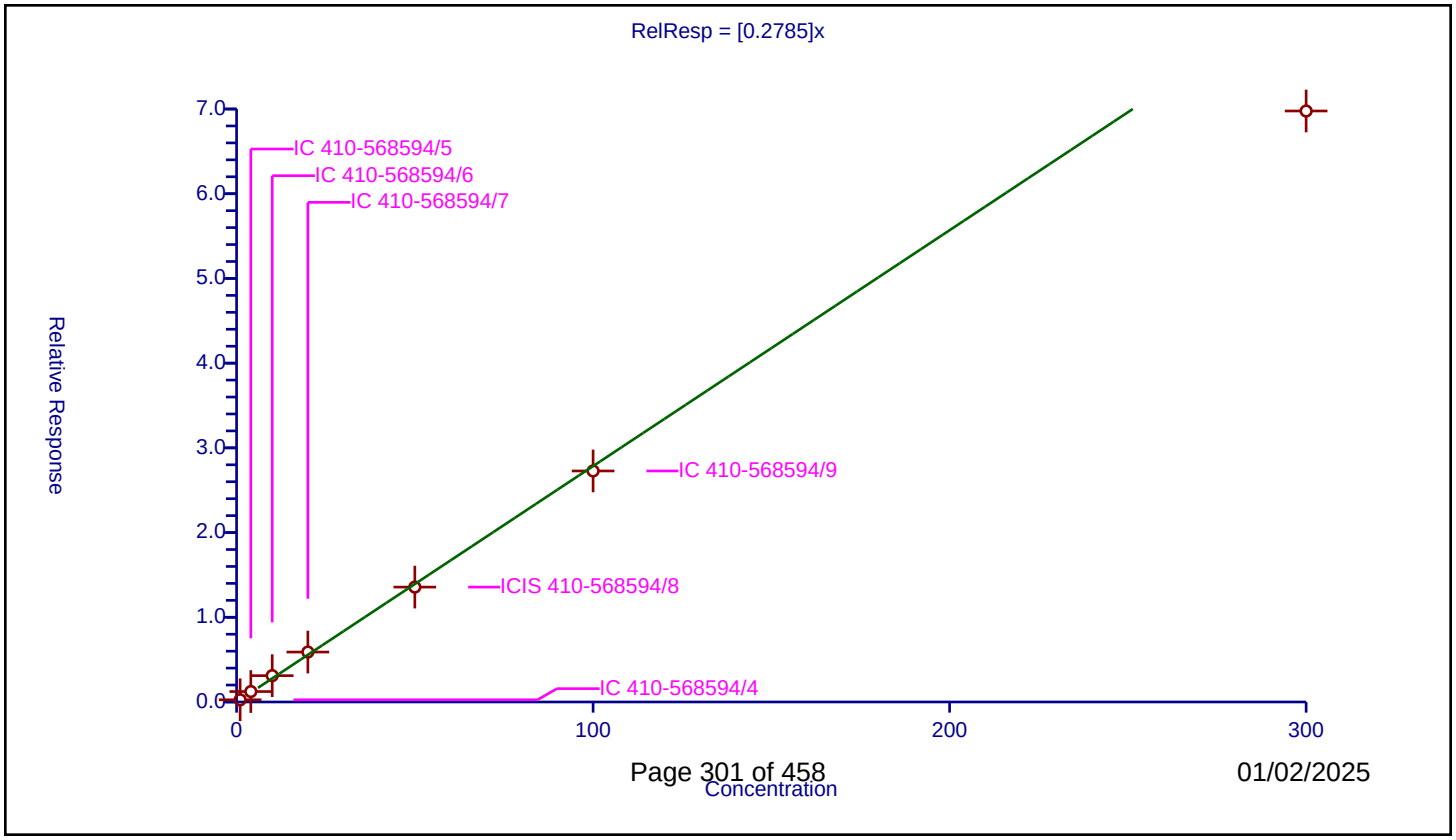
Curve Coefficients

Intercept:	0
Slope:	0.2785

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.258811	50.0	530890.0	0.258811	Y
2	IC 410-568594/5	4.0	1.232872	50.0	534281.0	0.308218	Y
3	IC 410-568594/6	10.0	3.108802	50.0	539806.0	0.31088	Y
4	IC 410-568594/7	20.0	5.895434	50.0	550867.0	0.294772	Y
5	ICIS 410-568594/8	50.0	13.563166	50.0	630981.0	0.271263	Y
6	IC 410-568594/9	100.0	27.272022	50.0	580089.0	0.27272	Y
7	IC 410-568594/10	300.0	69.767101	50.0	685963.0	0.232557	Y



Calibration / Hexane

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

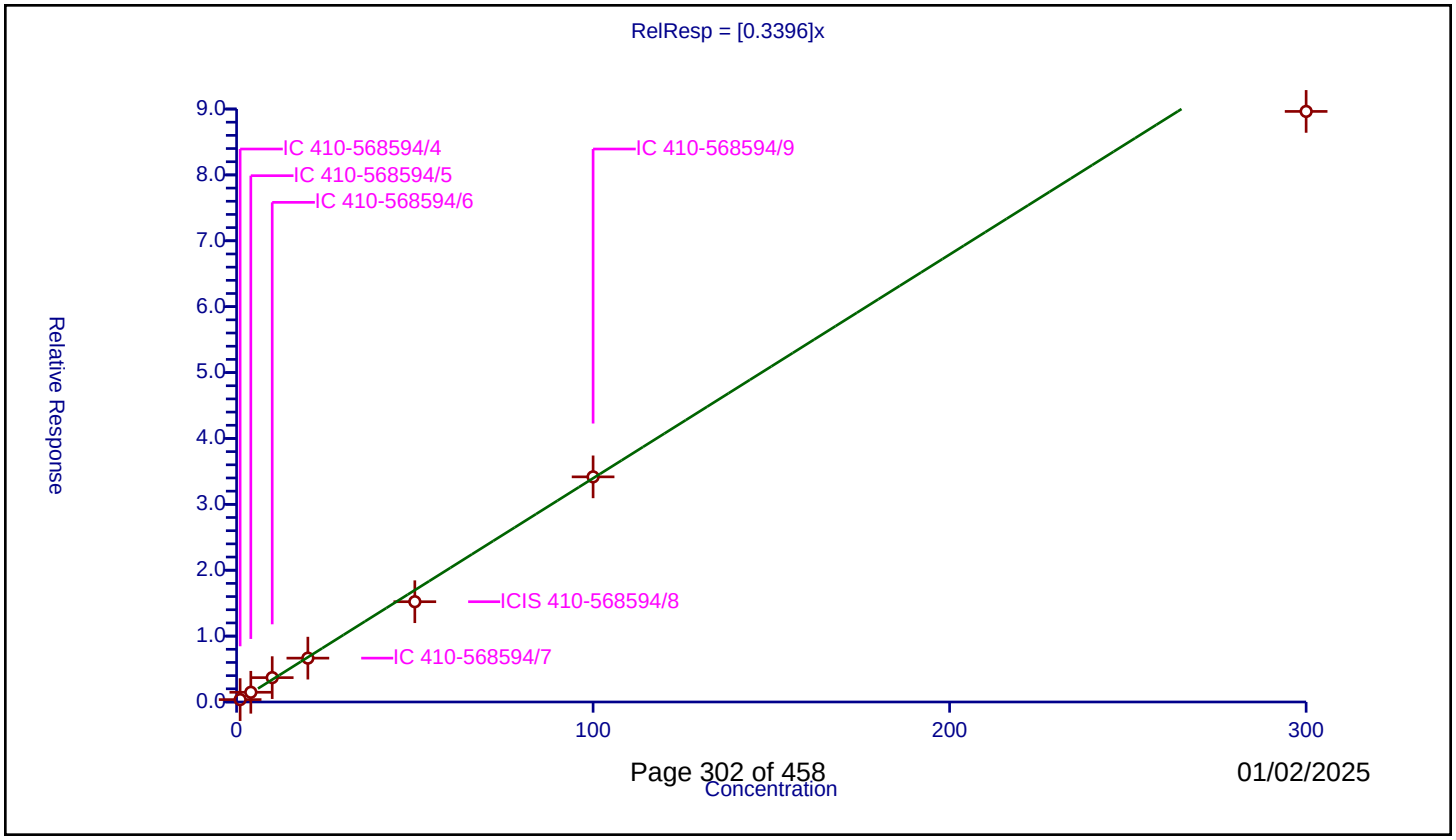
Curve Coefficients

Intercept:	0
Slope:	0.3396

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.360432	50.0	530890.0	0.360432	Y
2	IC 410-568594/5	4.0	1.476096	50.0	534281.0	0.369024	Y
3	IC 410-568594/6	10.0	3.698458	50.0	539806.0	0.369846	Y
4	IC 410-568594/7	20.0	6.654873	50.0	550867.0	0.332744	Y
5	ICIS 410-568594/8	50.0	15.219159	50.0	630981.0	0.304383	Y
6	IC 410-568594/9	100.0	34.170274	50.0	580089.0	0.341703	Y
7	IC 410-568594/10	300.0	89.637123	50.0	685963.0	0.29879	Y



Calibration / 1,1-Dichloroethane

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

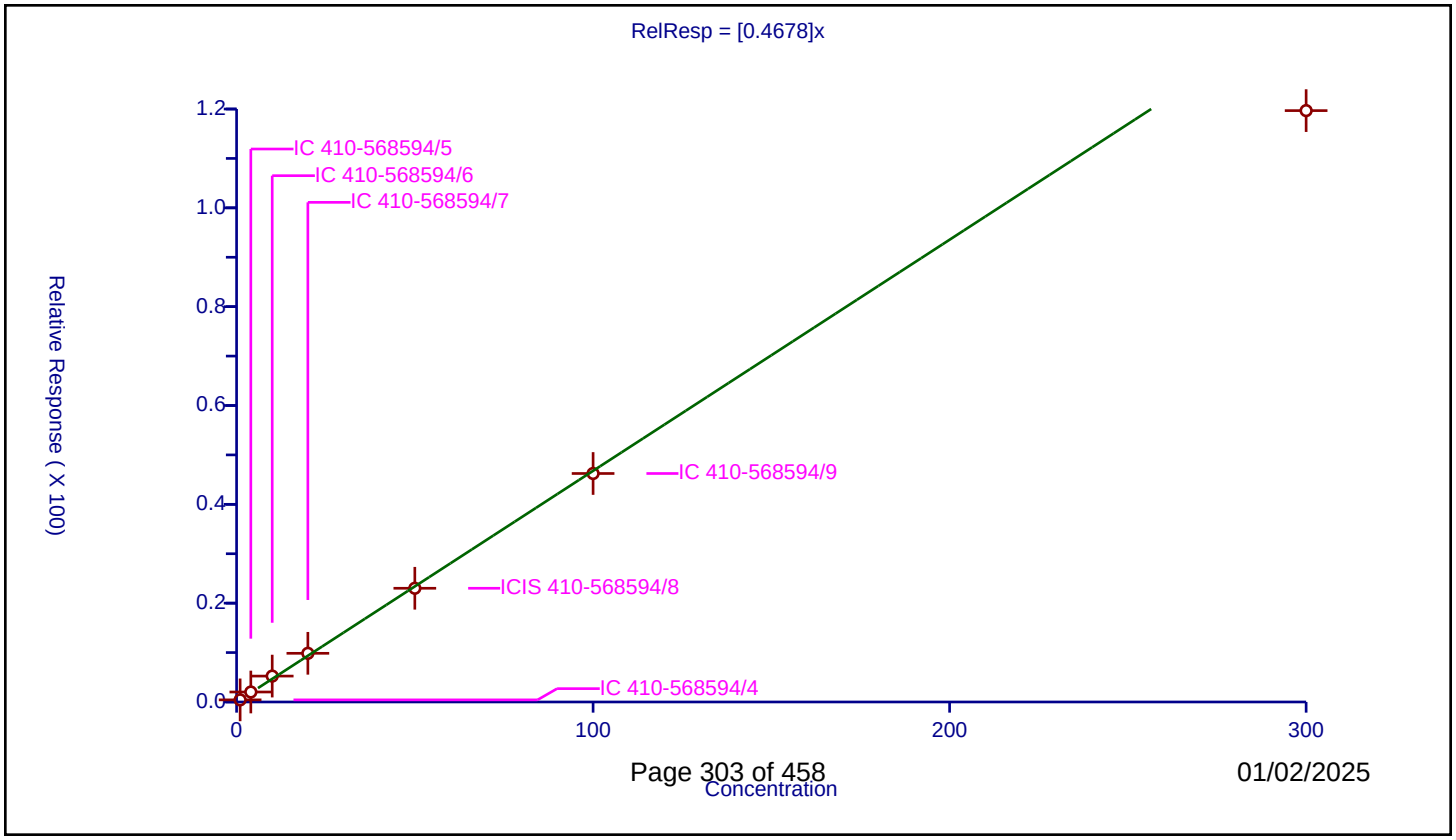
Curve Coefficients

Intercept:	0
Slope:	0.4678

Error Coefficients

Relative Standard Deviation:	9.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.431069	50.0	530890.0	0.431069	Y
2	IC 410-568594/5	4.0	2.018881	50.0	534281.0	0.50472	Y
3	IC 410-568594/6	10.0	5.244014	50.0	539806.0	0.524401	Y
4	IC 410-568594/7	20.0	9.849111	50.0	550867.0	0.492456	Y
5	ICIS 410-568594/8	50.0	23.016145	50.0	630981.0	0.460323	Y
6	IC 410-568594/9	100.0	46.238336	50.0	580089.0	0.462383	Y
7	IC 410-568594/10	300.0	119.67577	50.0	685963.0	0.398919	Y



Calibration / Isopropyl ether

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

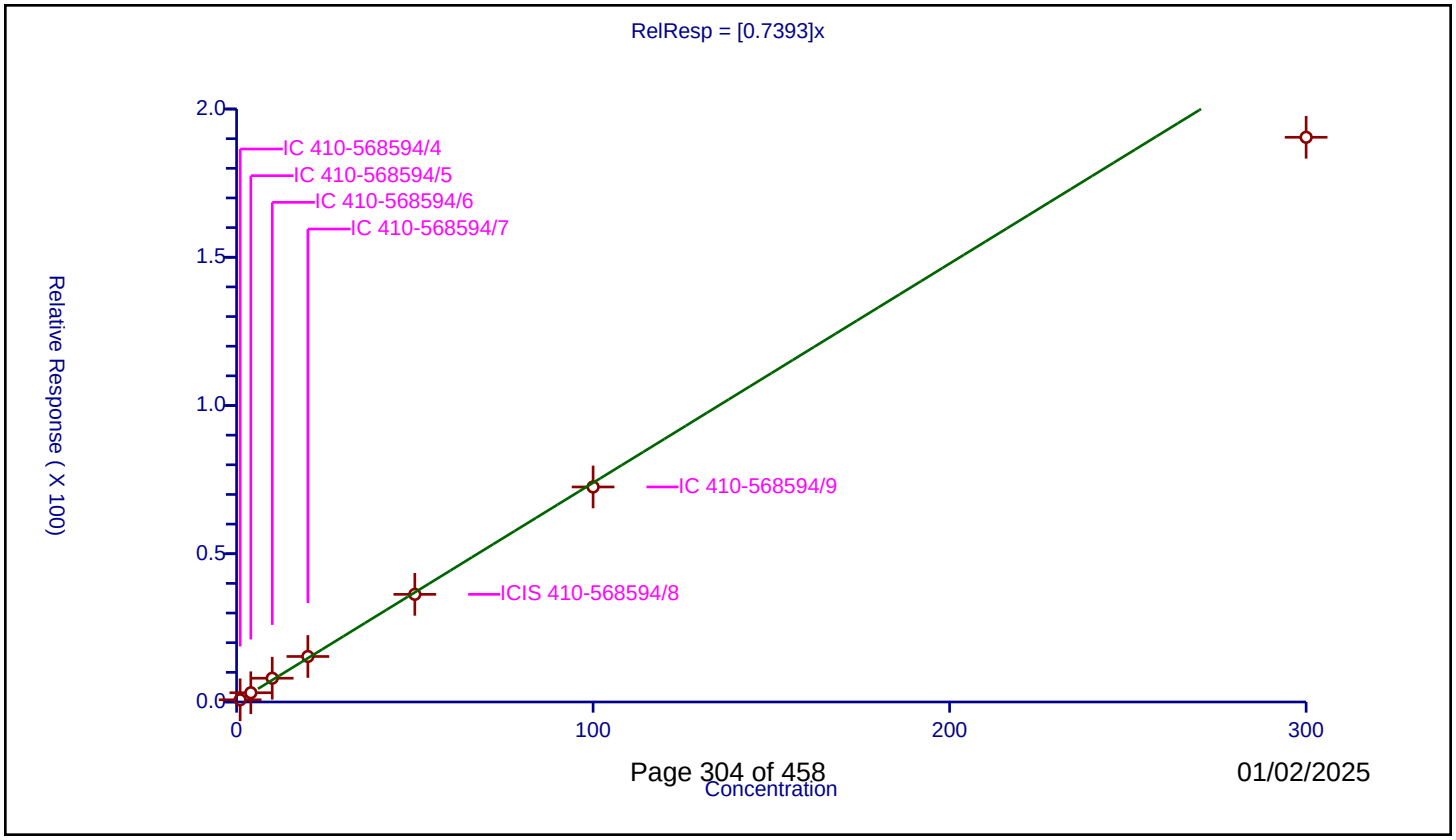
Curve Coefficients

Intercept:	0
Slope:	0.7393

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.741208	50.0	530890.0	0.741208	Y
2	IC 410-568594/5	4.0	3.112969	50.0	534281.0	0.778242	Y
3	IC 410-568594/6	10.0	8.018251	50.0	539806.0	0.801825	Y
4	IC 410-568594/7	20.0	15.351709	50.0	550867.0	0.767585	Y
5	ICIS 410-568594/8	50.0	36.308938	50.0	630981.0	0.726179	Y
6	IC 410-568594/9	100.0	72.520337	50.0	580089.0	0.725203	Y
7	IC 410-568594/10	300.0	190.46399	50.0	685963.0	0.63488	Y



Calibration / 2-Chloro-1,3-butadiene

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

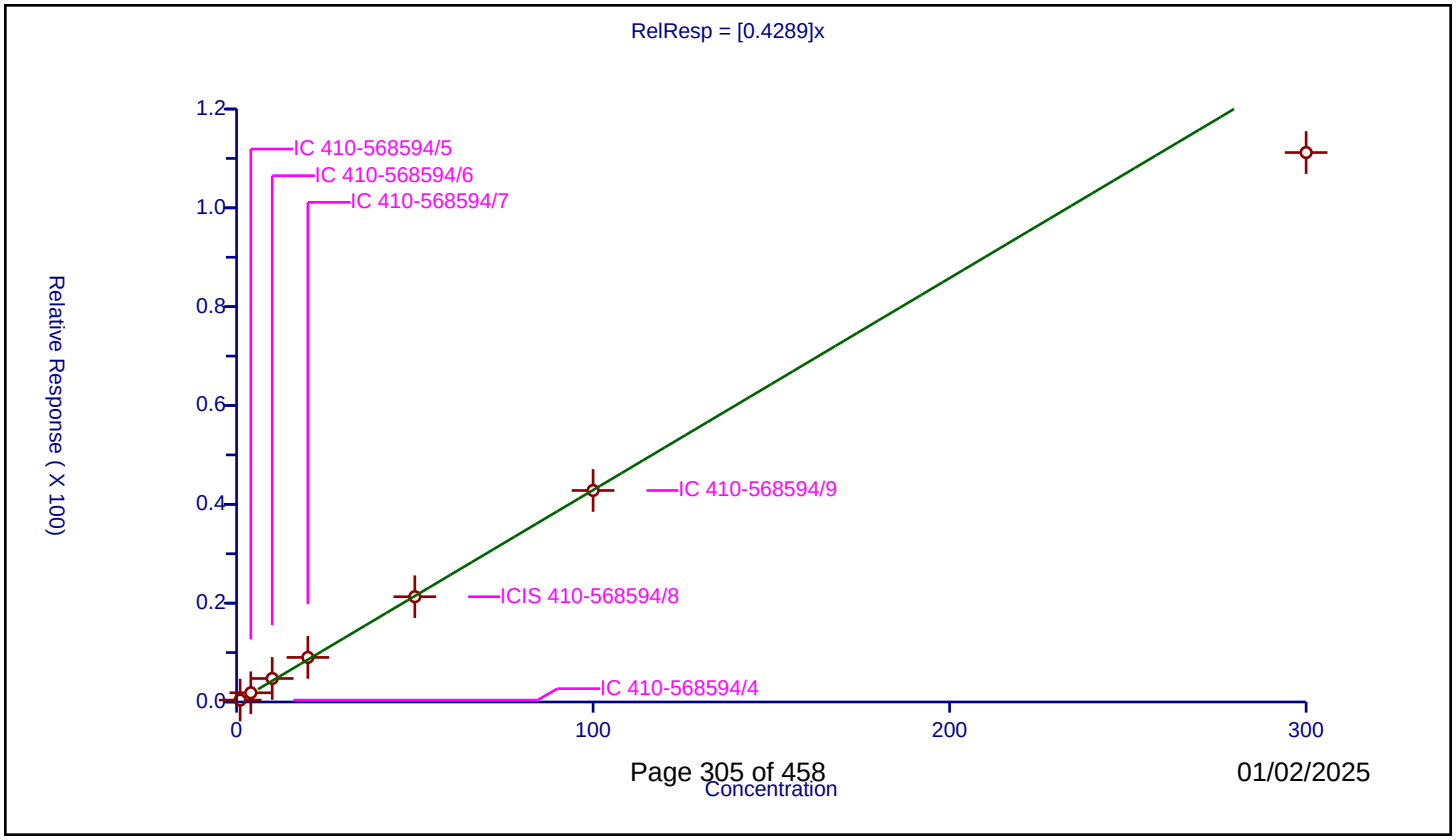
Curve Coefficients

Intercept:	0
Slope:	0.4289

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.385014	50.0	530890.0	0.385014	Y
2	IC 410-568594/5	4.0	1.864375	50.0	534281.0	0.466094	Y
3	IC 410-568594/6	10.0	4.756153	50.0	539806.0	0.475615	Y
4	IC 410-568594/7	20.0	9.018239	50.0	550867.0	0.450912	Y
5	ICIS 410-568594/8	50.0	21.301434	50.0	630981.0	0.426029	Y
6	IC 410-568594/9	100.0	42.804035	50.0	580089.0	0.42804	Y
7	IC 410-568594/10	300.0	111.190618	50.0	685963.0	0.370635	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

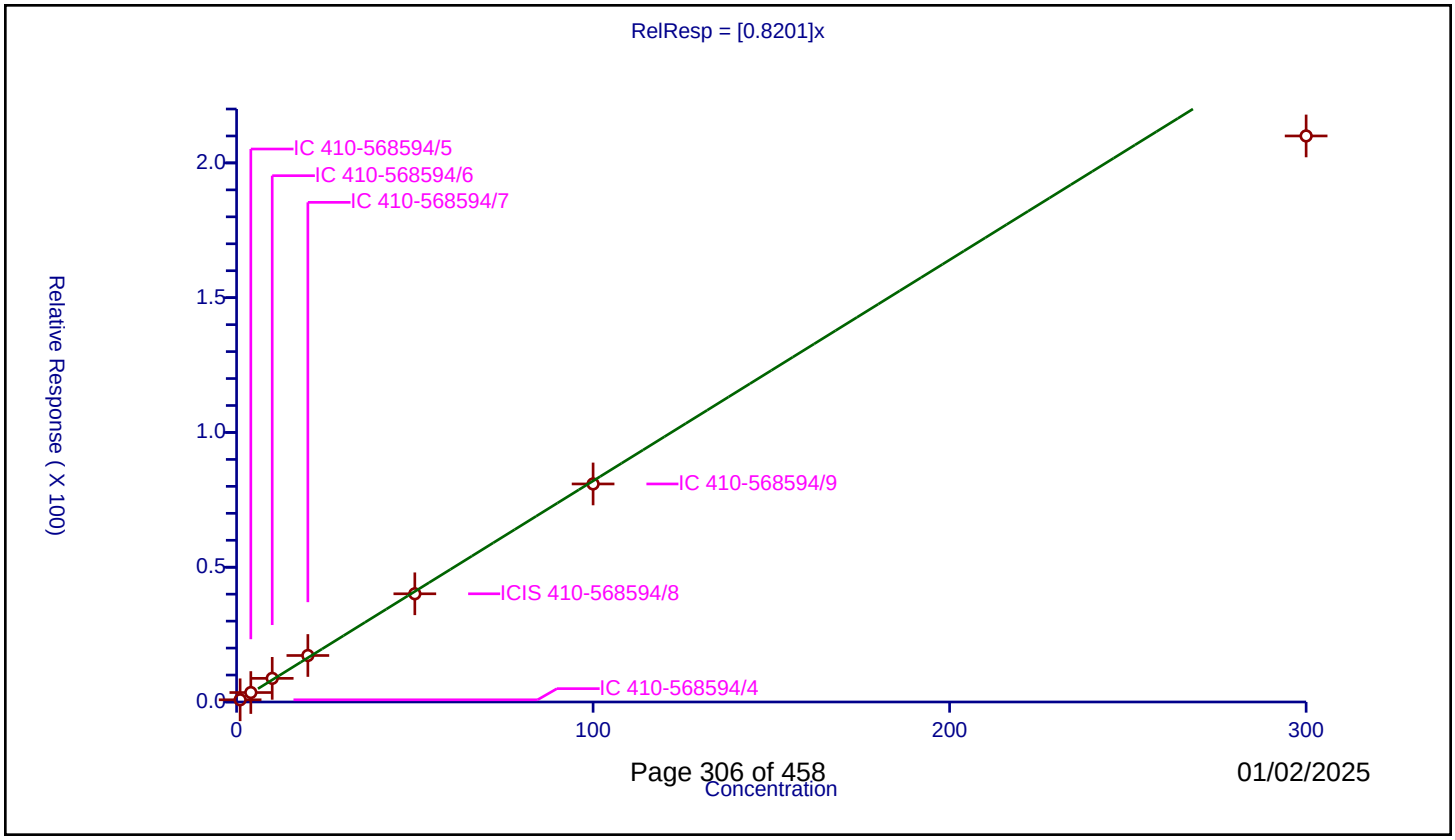
Curve Coefficients

Intercept:	0
Slope:	0.8201

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.812598	50.0	530890.0	0.812598	Y
2	IC 410-568594/5	4.0	3.508173	50.0	534281.0	0.877043	Y
3	IC 410-568594/6	10.0	8.76991	50.0	539806.0	0.876991	Y
4	IC 410-568594/7	20.0	17.245905	50.0	550867.0	0.862295	Y
5	ICIS 410-568594/8	50.0	40.146534	50.0	630981.0	0.802931	Y
6	IC 410-568594/9	100.0	80.894483	50.0	580089.0	0.808945	Y
7	IC 410-568594/10	300.0	210.011108	50.0	685963.0	0.700037	Y



Calibration / 2-Butanone (MEK)

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

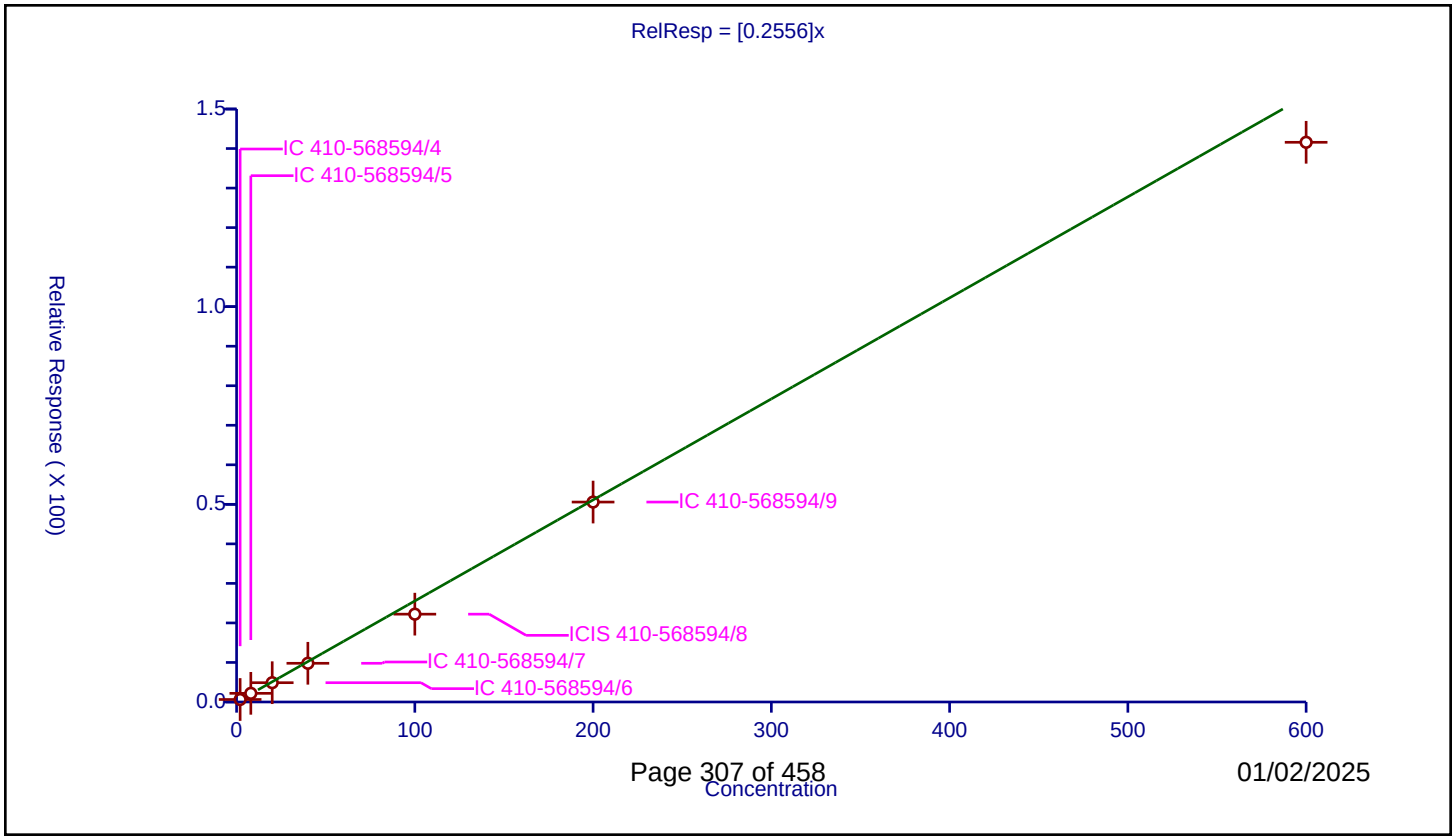
Curve Coefficients

Intercept:	0
Slope:	0.2556

Error Coefficients

Relative Standard Deviation:	12.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.0	0.630451	50.0	530890.0	0.315225	Y
2	IC 410-568594/5	8.0	2.191356	50.0	534281.0	0.27392	Y
3	IC 410-568594/6	20.0	4.879438	50.0	539806.0	0.243972	Y
4	IC 410-568594/7	40.0	9.789659	50.0	550867.0	0.244741	Y
5	ICIS 410-568594/8	100.0	22.21929	50.0	630981.0	0.222193	Y
6	IC 410-568594/9	200.0	50.578101	50.0	580089.0	0.252891	Y
7	IC 410-568594/10	600.0	141.578846	50.0	685963.0	0.235965	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

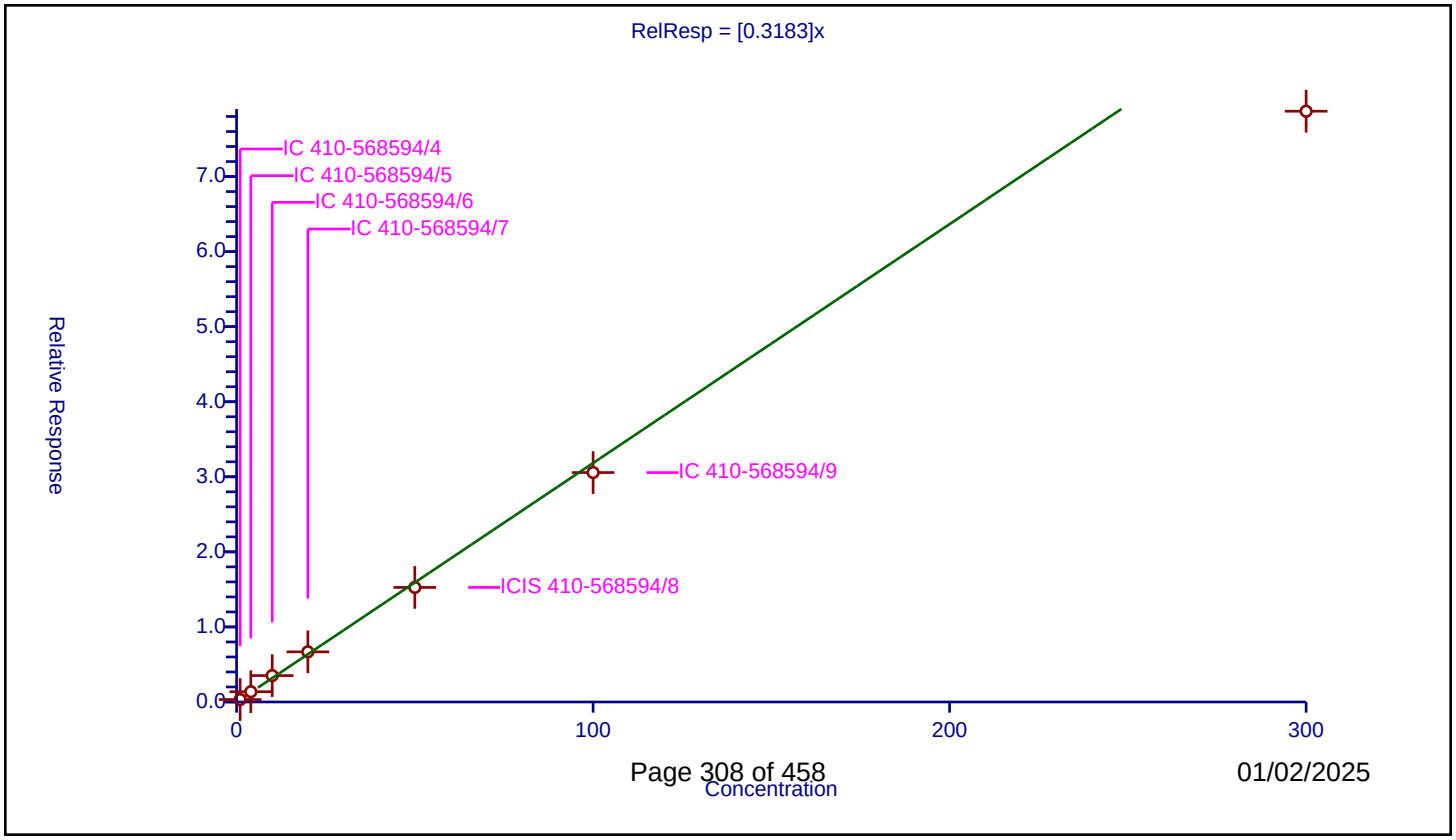
Curve Coefficients

Intercept:	0
Slope:	0.3183

Error Coefficients

Relative Standard Deviation:	9.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.326716	50.0	530890.0	0.326716	Y
2	IC 410-568594/5	4.0	1.370908	50.0	534281.0	0.342727	Y
3	IC 410-568594/6	10.0	3.515152	50.0	539806.0	0.351515	Y
4	IC 410-568594/7	20.0	6.679652	50.0	550867.0	0.333983	Y
5	ICIS 410-568594/8	50.0	15.262742	50.0	630981.0	0.305255	Y
6	IC 410-568594/9	100.0	30.566775	50.0	580089.0	0.305668	Y
7	IC 410-568594/10	300.0	78.704609	50.0	685963.0	0.262349	Y



Calibration / 2,2-Dichloropropane

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

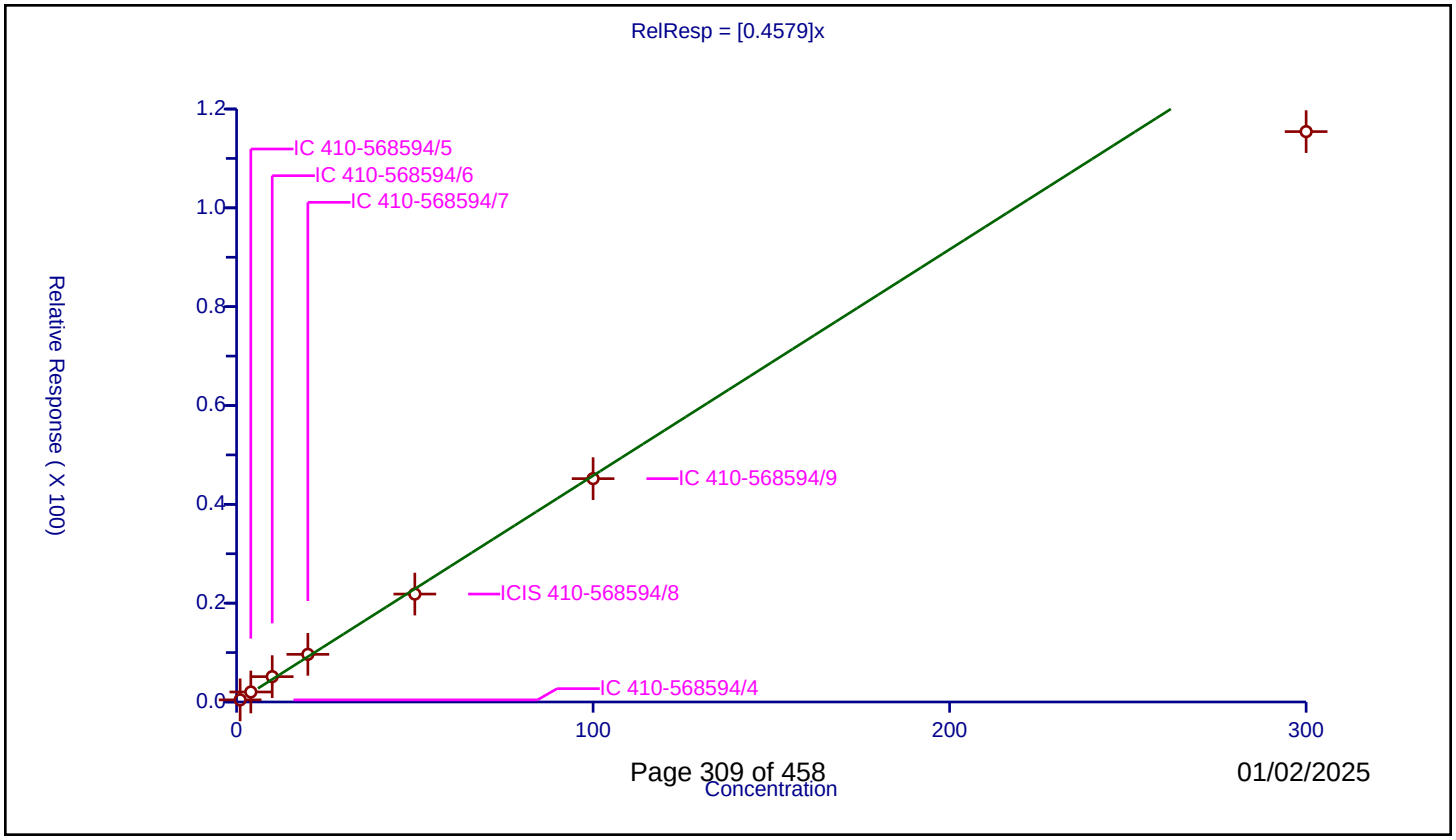
Curve Coefficients

Intercept:	0
Slope:	0.4579

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.429844	50.0	530890.0	0.429844	Y
2	IC 410-568594/5	4.0	2.026836	50.0	534281.0	0.506709	Y
3	IC 410-568594/6	10.0	5.131936	50.0	539806.0	0.513194	Y
4	IC 410-568594/7	20.0	9.641256	50.0	550867.0	0.482063	Y
5	ICIS 410-568594/8	50.0	21.842813	50.0	630981.0	0.436856	Y
6	IC 410-568594/9	100.0	45.199013	50.0	580089.0	0.45199	Y
7	IC 410-568594/10	300.0	115.428019	50.0	685963.0	0.38476	Y



Calibration / Propionitrile

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

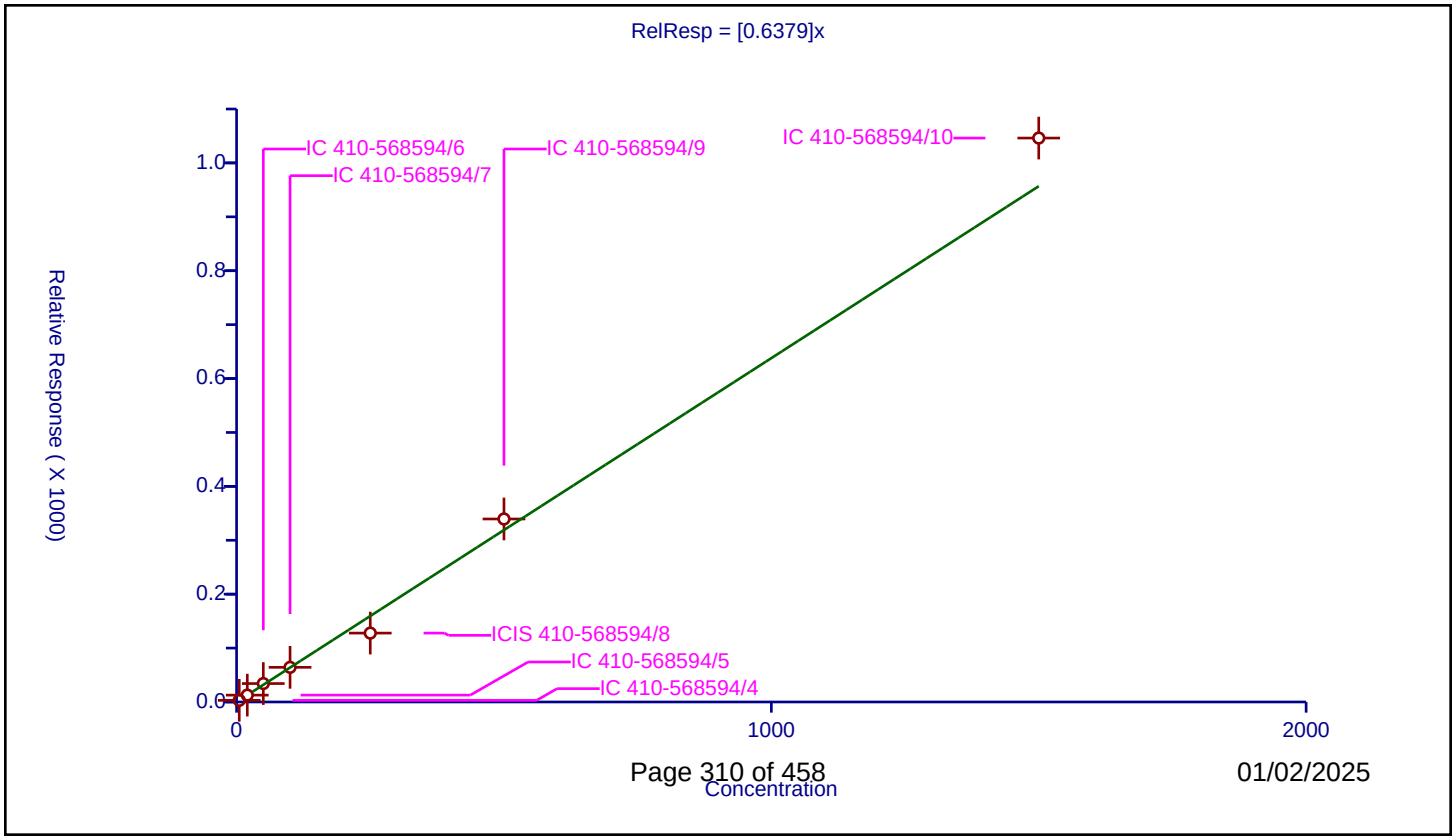
Curve Coefficients

Intercept:	0
Slope:	0.6379

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	5.0	3.064109	250.0	378903.0	0.612822	Y
2	IC 410-568594/5	20.0	12.756551	250.0	355582.0	0.637828	Y
3	IC 410-568594/6	50.0	34.198356	250.0	339914.0	0.683967	Y
4	IC 410-568594/7	100.0	64.282893	250.0	357004.0	0.642829	Y
5	ICIS 410-568594/8	250.0	127.795414	250.0	374855.0	0.511182	Y
6	IC 410-568594/9	500.0	339.481143	250.0	347861.0	0.678962	Y
7	IC 410-568594/10	1500.0	1046.13925	250.0	362067.0	0.697426	Y



Calibration / Tetrahydrofuran

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

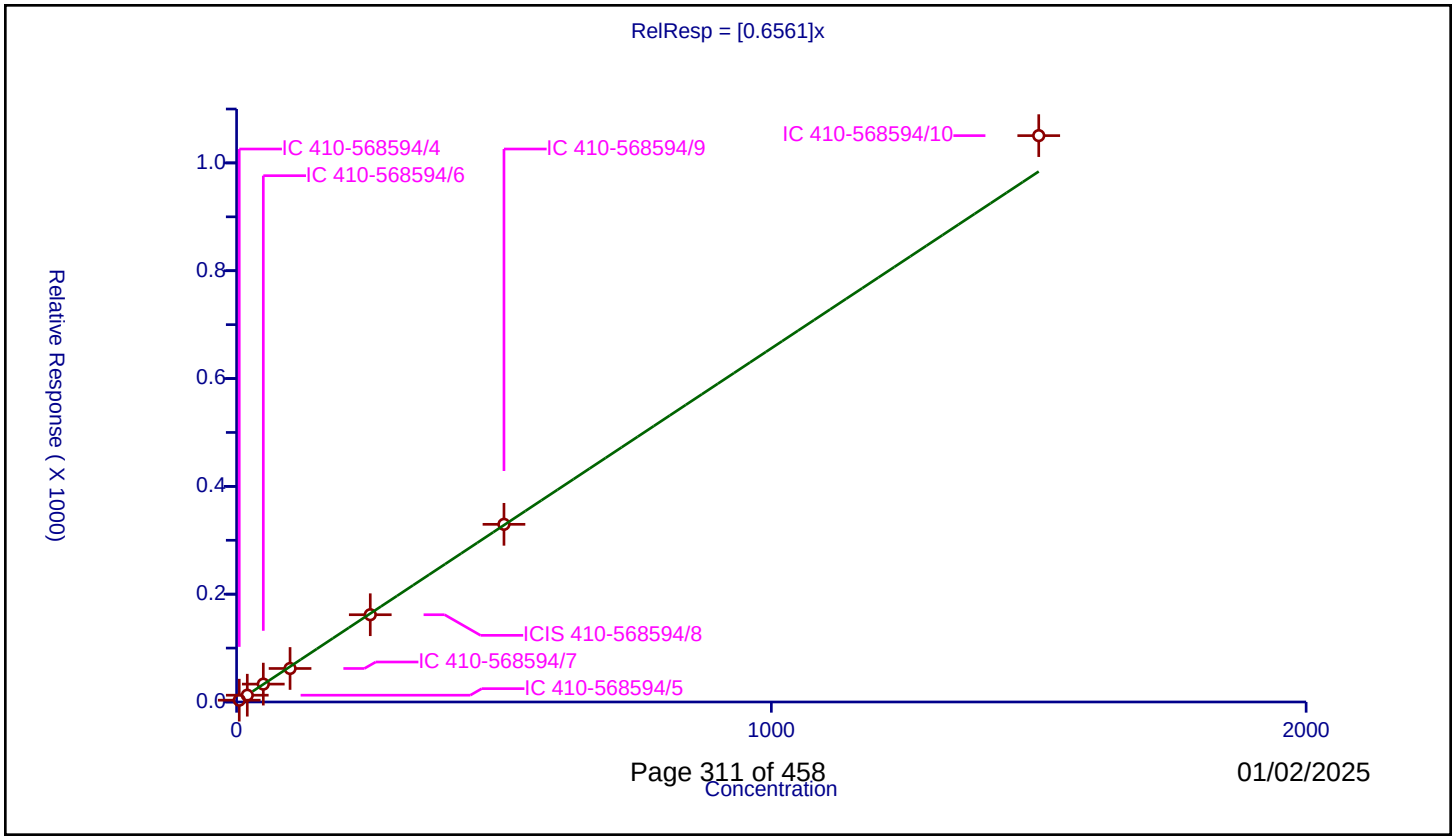
Curve Coefficients

Intercept:	0
Slope:	0.6561

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	5.0	3.361019	250.0	378903.0	0.672204	Y
2	IC 410-568594/5	20.0	12.573049	250.0	355582.0	0.628652	Y
3	IC 410-568594/6	50.0	33.167213	250.0	339914.0	0.663344	Y
4	IC 410-568594/7	100.0	62.152665	250.0	357004.0	0.621527	Y
5	ICIS 410-568594/8	250.0	161.859919	250.0	374855.0	0.64744	Y
6	IC 410-568594/9	500.0	329.580637	250.0	347861.0	0.659161	Y
7	IC 410-568594/10	1500.0	1050.620465	250.0	362067.0	0.700414	Y



Calibration / Methacrylonitrile

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

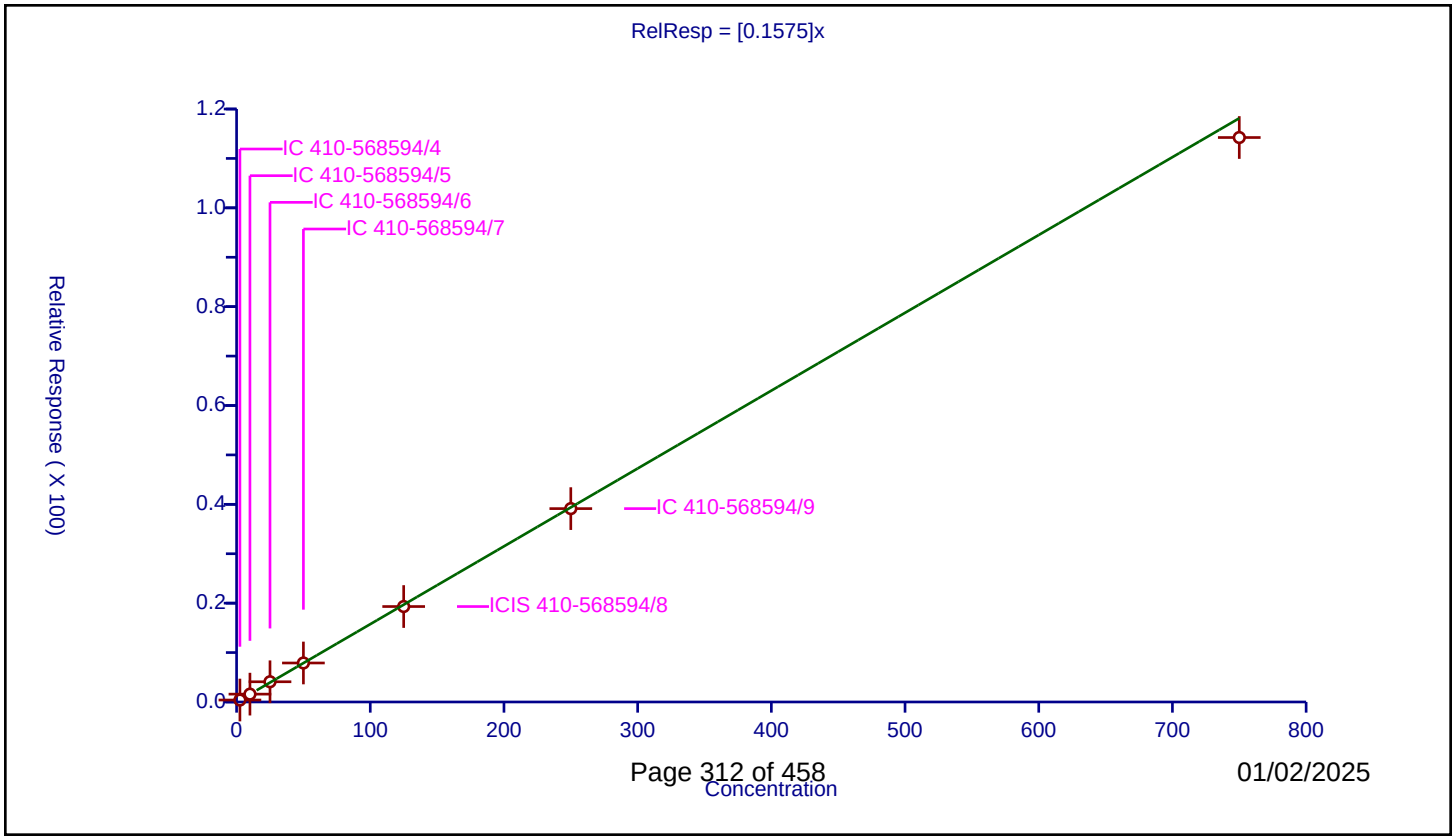
Curve Coefficients

Intercept:	0
Slope:	0.1575

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.5	0.396598	50.0	530890.0	0.158639	Y
2	IC 410-568594/5	10.0	1.588677	50.0	534281.0	0.158868	Y
3	IC 410-568594/6	25.0	4.095823	50.0	539806.0	0.163833	Y
4	IC 410-568594/7	50.0	7.894465	50.0	550867.0	0.157889	Y
5	ICIS 410-568594/8	125.0	19.316271	50.0	630981.0	0.15453	Y
6	IC 410-568594/9	250.0	39.132616	50.0	580089.0	0.15653	Y
7	IC 410-568594/10	750.0	114.228464	50.0	685963.0	0.152305	Y



Calibration / Chlorobromomethane

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

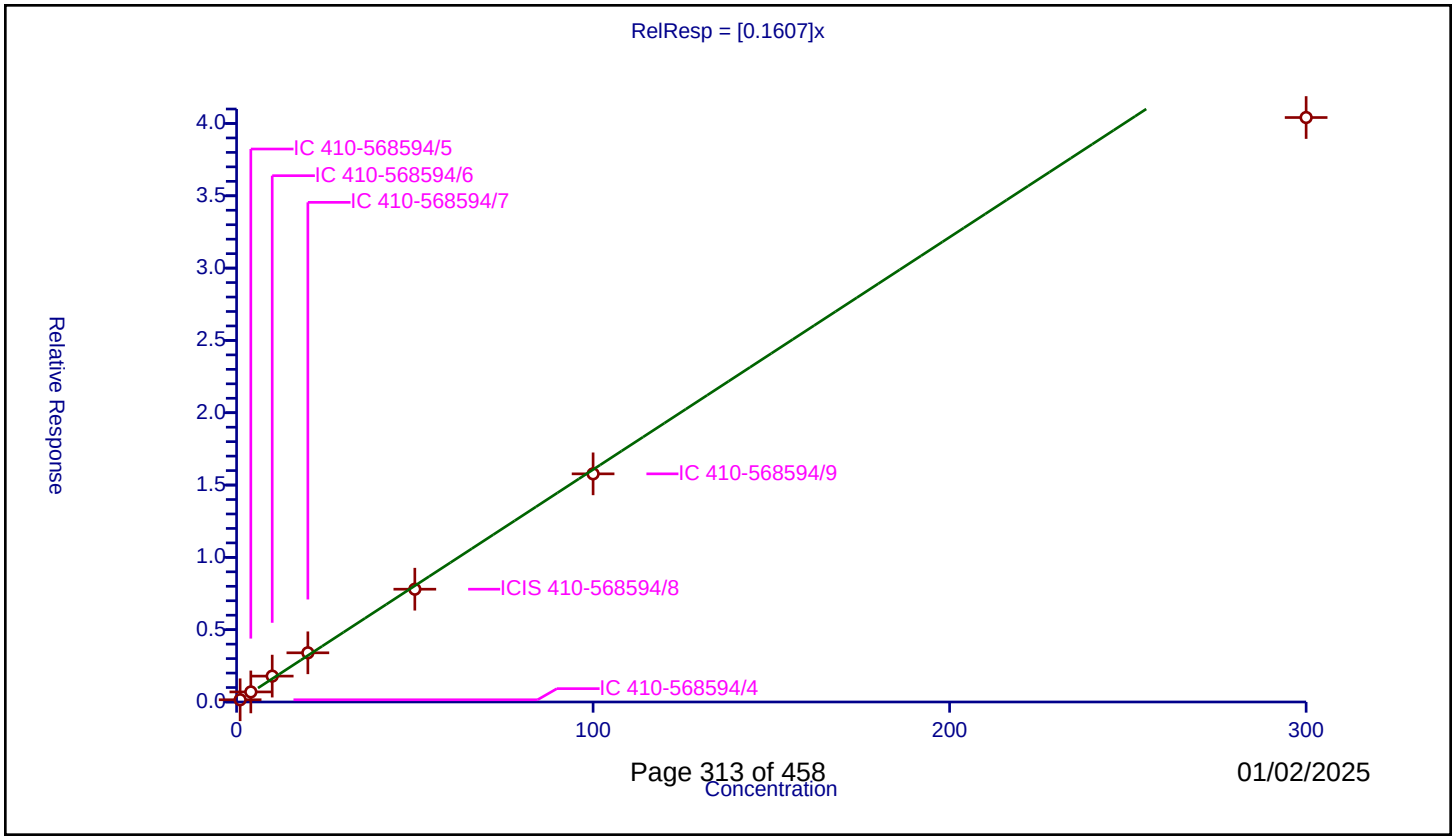
Curve Coefficients

Intercept:	0
Slope:	0.1607

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.153422	50.0	530890.0	0.153422	Y
2	IC 410-568594/5	4.0	0.696076	50.0	534281.0	0.174019	Y
3	IC 410-568594/6	10.0	1.789069	50.0	539806.0	0.178907	Y
4	IC 410-568594/7	20.0	3.401093	50.0	550867.0	0.170055	Y
5	ICIS 410-568594/8	50.0	7.79762	50.0	630981.0	0.155952	Y
6	IC 410-568594/9	100.0	15.774735	50.0	580089.0	0.157747	Y
7	IC 410-568594/10	300.0	40.411582	50.0	685963.0	0.134705	Y



Calibration / Chloroform

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

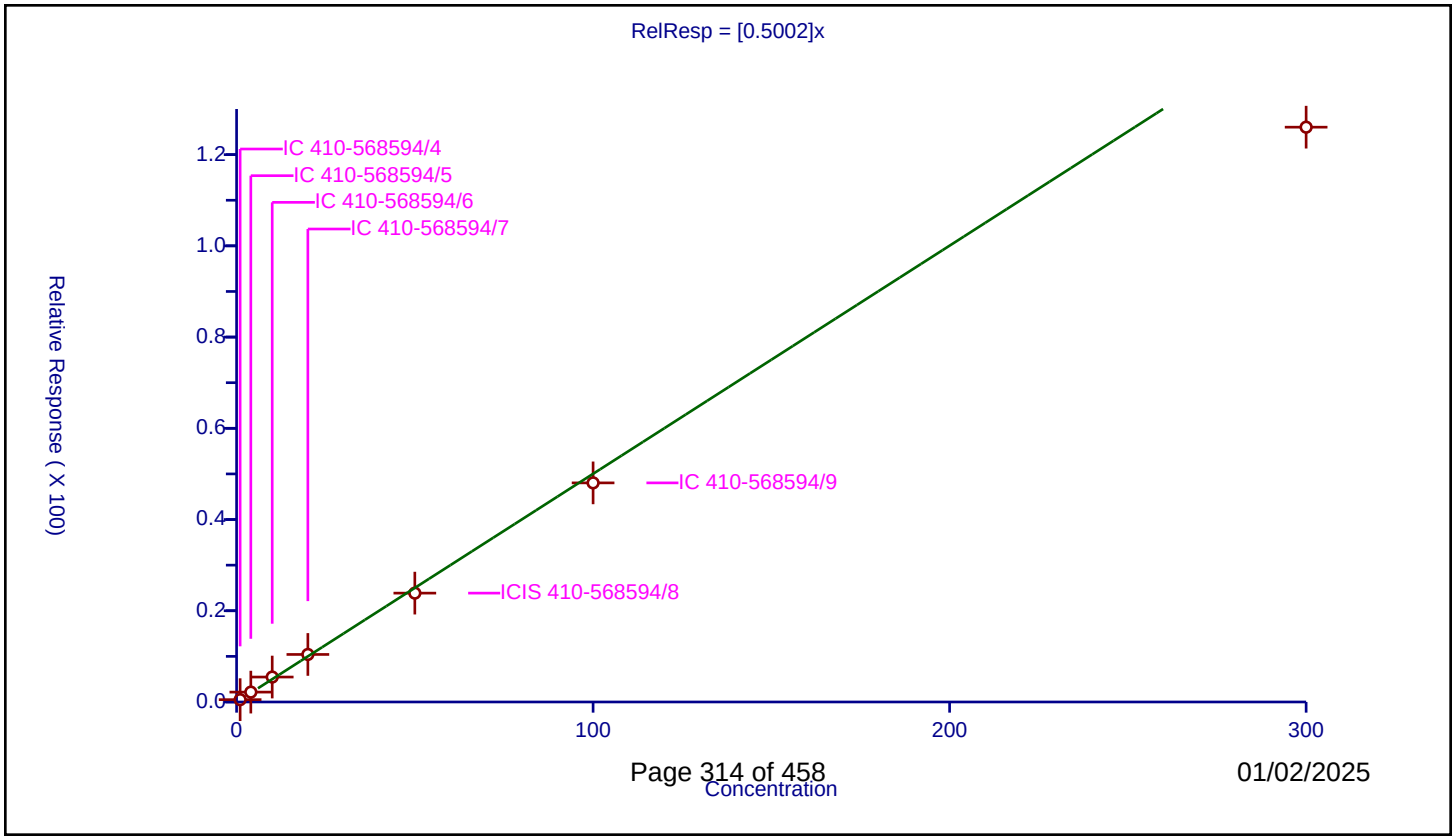
Curve Coefficients

Intercept:	0
Slope:	0.5002

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.51376	50.0	530890.0	0.51376	Y
2	IC 410-568594/5	4.0	2.168709	50.0	534281.0	0.542177	Y
3	IC 410-568594/6	10.0	5.467335	50.0	539806.0	0.546733	Y
4	IC 410-568594/7	20.0	10.422389	50.0	550867.0	0.521119	Y
5	ICIS 410-568594/8	50.0	23.865695	50.0	630981.0	0.477314	Y
6	IC 410-568594/9	100.0	48.038232	50.0	580089.0	0.480382	Y
7	IC 410-568594/10	300.0	126.016345	50.0	685963.0	0.420054	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

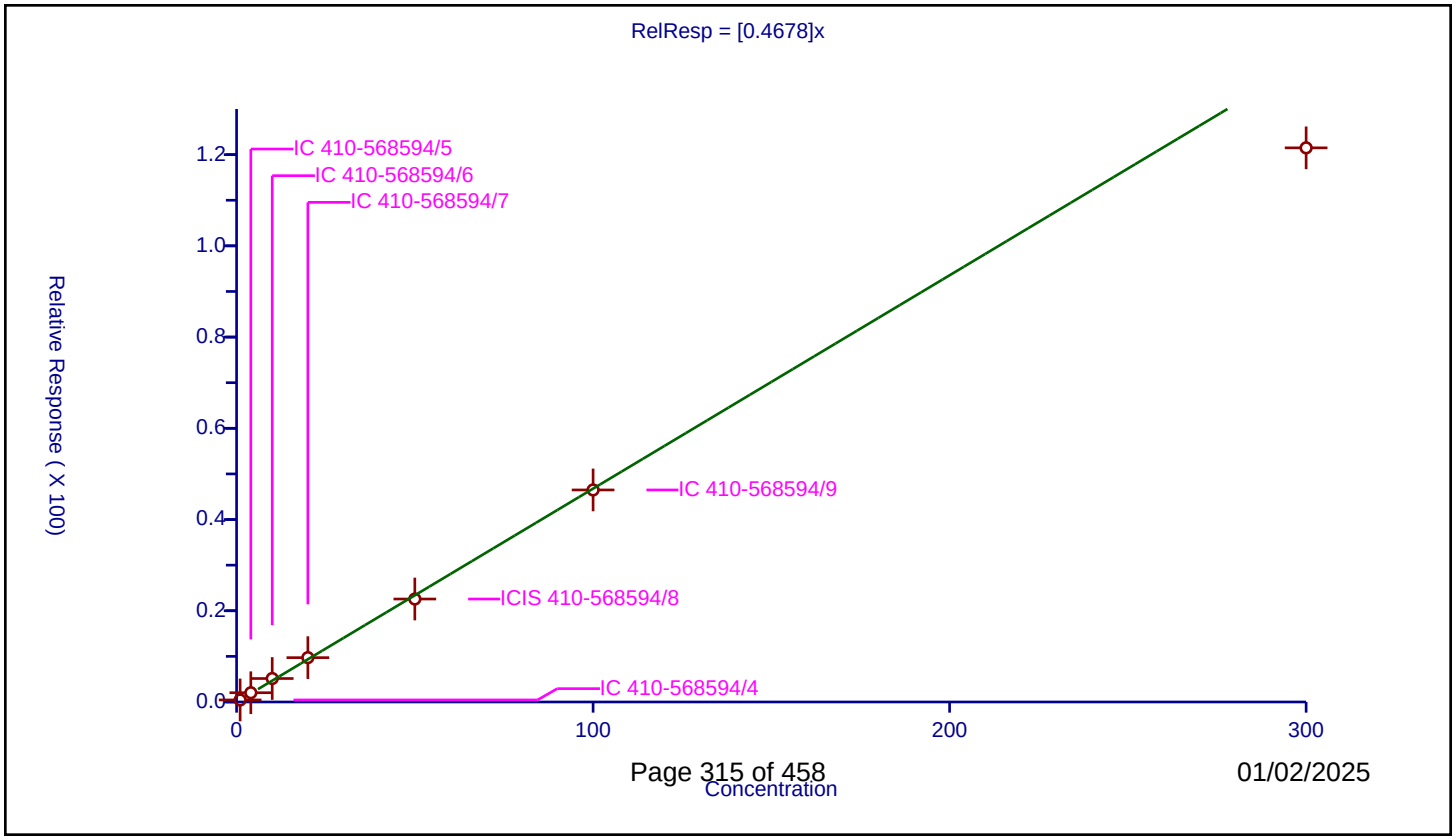
Curve Coefficients

Intercept:	0
Slope:	0.4678

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.445196	50.0	530890.0	0.445196	Y
2	IC 410-568594/5	4.0	2.028614	50.0	534281.0	0.507154	Y
3	IC 410-568594/6	10.0	5.146386	50.0	539806.0	0.514639	Y
4	IC 410-568594/7	20.0	9.719678	50.0	550867.0	0.485984	Y
5	ICIS 410-568594/8	50.0	22.573738	50.0	630981.0	0.451475	Y
6	IC 410-568594/9	100.0	46.487091	50.0	580089.0	0.464871	Y
7	IC 410-568594/10	300.0	121.485926	50.0	685963.0	0.404953	Y



Calibration / Dibromofluoromethane (Surr)

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

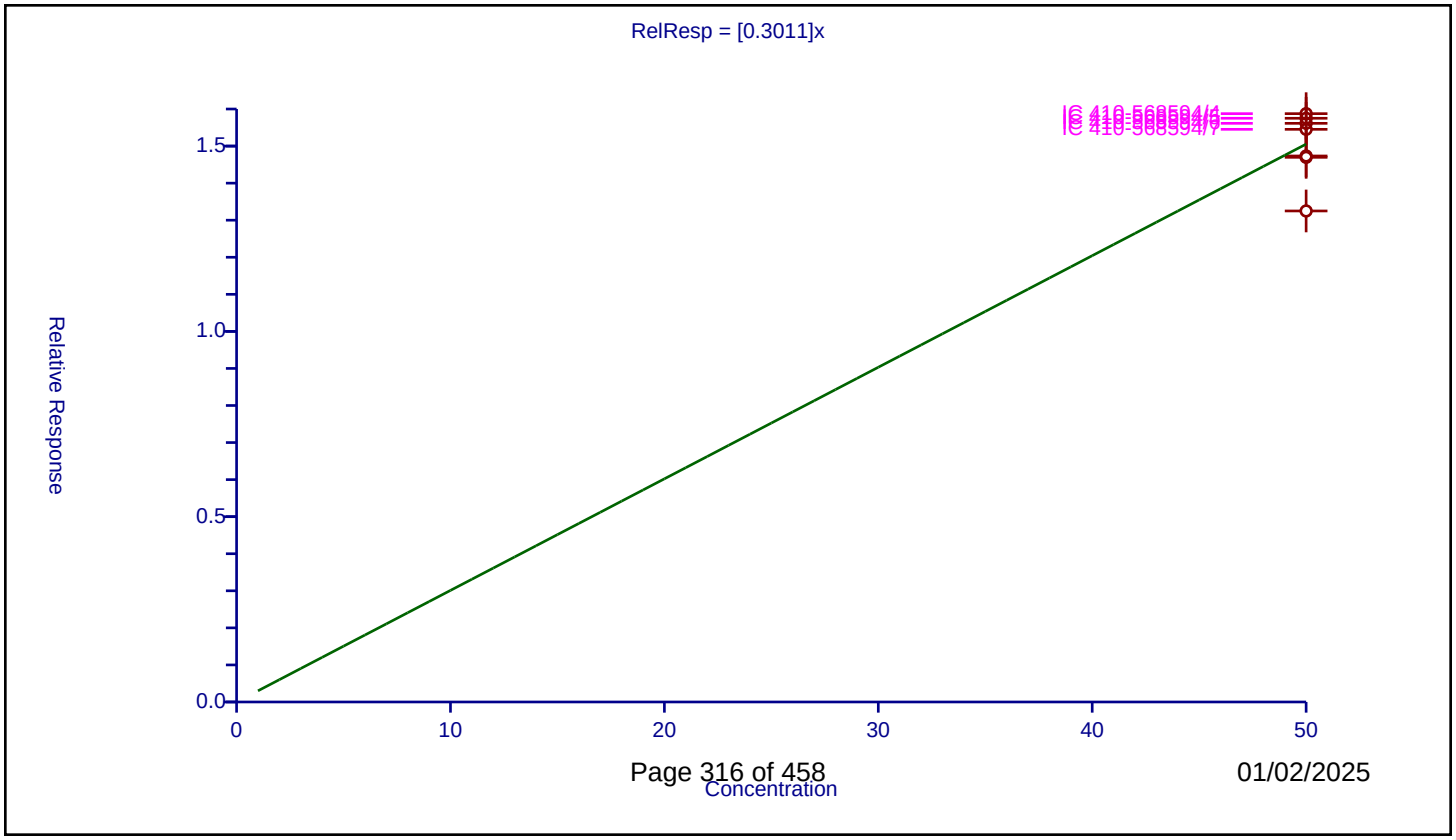
Curve Coefficients

Intercept:	0
Slope:	0.3011

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	50.0	15.874663	50.0	530890.0	0.317493	Y
2	IC 410-568594/5	50.0	15.75042	50.0	534281.0	0.315008	Y
3	IC 410-568594/6	50.0	15.613943	50.0	539806.0	0.312279	Y
4	IC 410-568594/7	50.0	15.451824	50.0	550867.0	0.309036	Y
5	ICIS 410-568594/8	50.0	14.696084	50.0	630981.0	0.293922	Y
6	IC 410-568594/9	50.0	14.732912	50.0	580089.0	0.294658	Y
7	IC 410-568594/10	50.0	13.249476	50.0	685963.0	0.26499	Y



Calibration / Cyclohexane

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

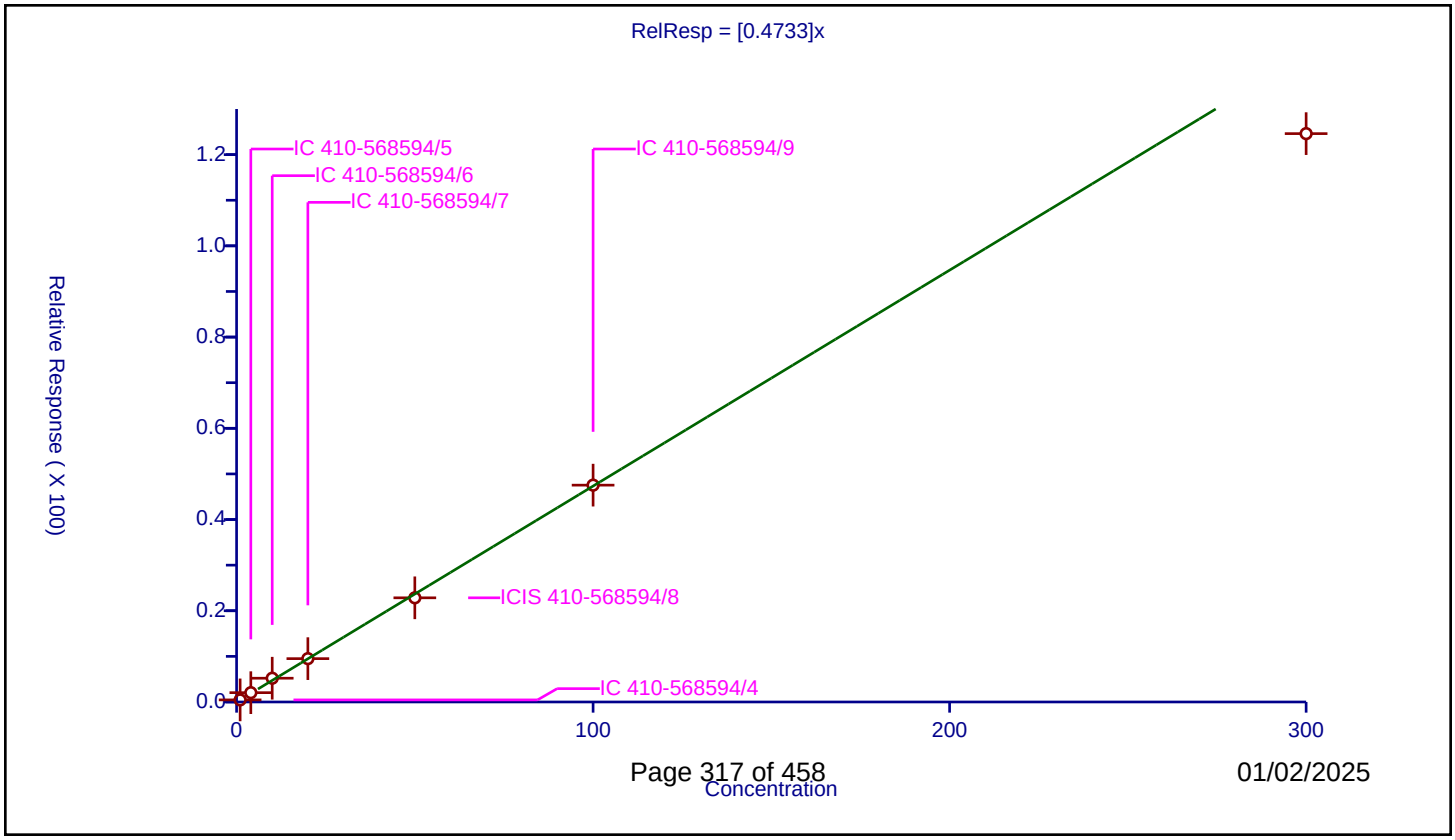
Curve Coefficients

Intercept:	0
Slope:	0.4733

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.458946	50.0	530890.0	0.458946	Y
2	IC 410-568594/5	4.0	2.042371	50.0	534281.0	0.510593	Y
3	IC 410-568594/6	10.0	5.212058	50.0	539806.0	0.521206	Y
4	IC 410-568594/7	20.0	9.501658	50.0	550867.0	0.475083	Y
5	ICIS 410-568594/8	50.0	22.840624	50.0	630981.0	0.456812	Y
6	IC 410-568594/9	100.0	47.541498	50.0	580089.0	0.475415	Y
7	IC 410-568594/10	300.0	124.604534	50.0	685963.0	0.415348	Y



Calibration / Carbon tetrachloride

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

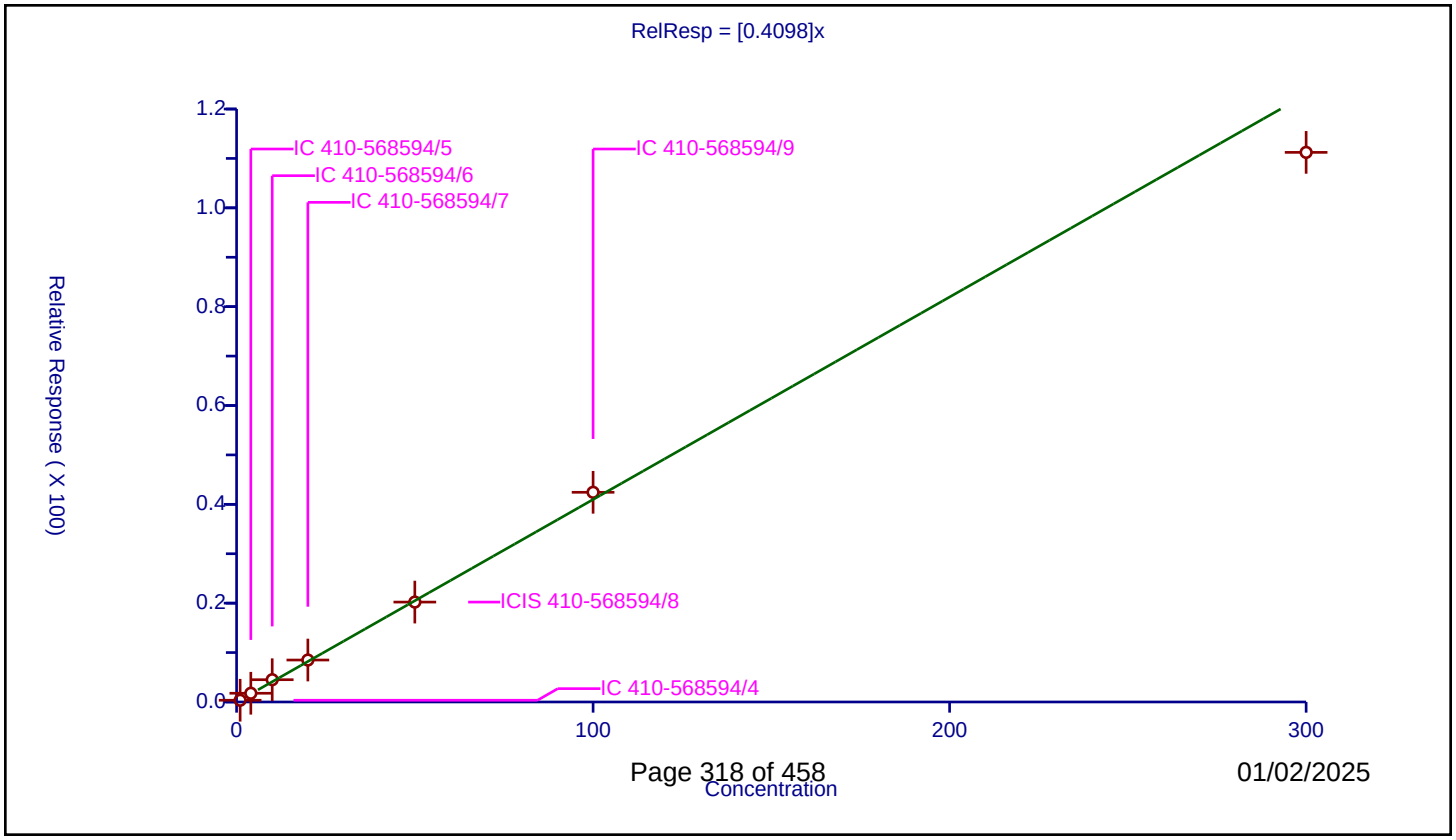
Curve Coefficients

Intercept:	0
Slope:	0.4098

Error Coefficients

Relative Standard Deviation:	8.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.35205	50.0	530890.0	0.35205	Y
2	IC 410-568594/5	4.0	1.764989	50.0	534281.0	0.441247	Y
3	IC 410-568594/6	10.0	4.508842	50.0	539806.0	0.450884	Y
4	IC 410-568594/7	20.0	8.493429	50.0	550867.0	0.424671	Y
5	ICIS 410-568594/8	50.0	20.219785	50.0	630981.0	0.404396	Y
6	IC 410-568594/9	100.0	42.436333	50.0	580089.0	0.424363	Y
7	IC 410-568594/10	300.0	111.226334	50.0	685963.0	0.370754	Y



Calibration / 1,1-Dichloropropene

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

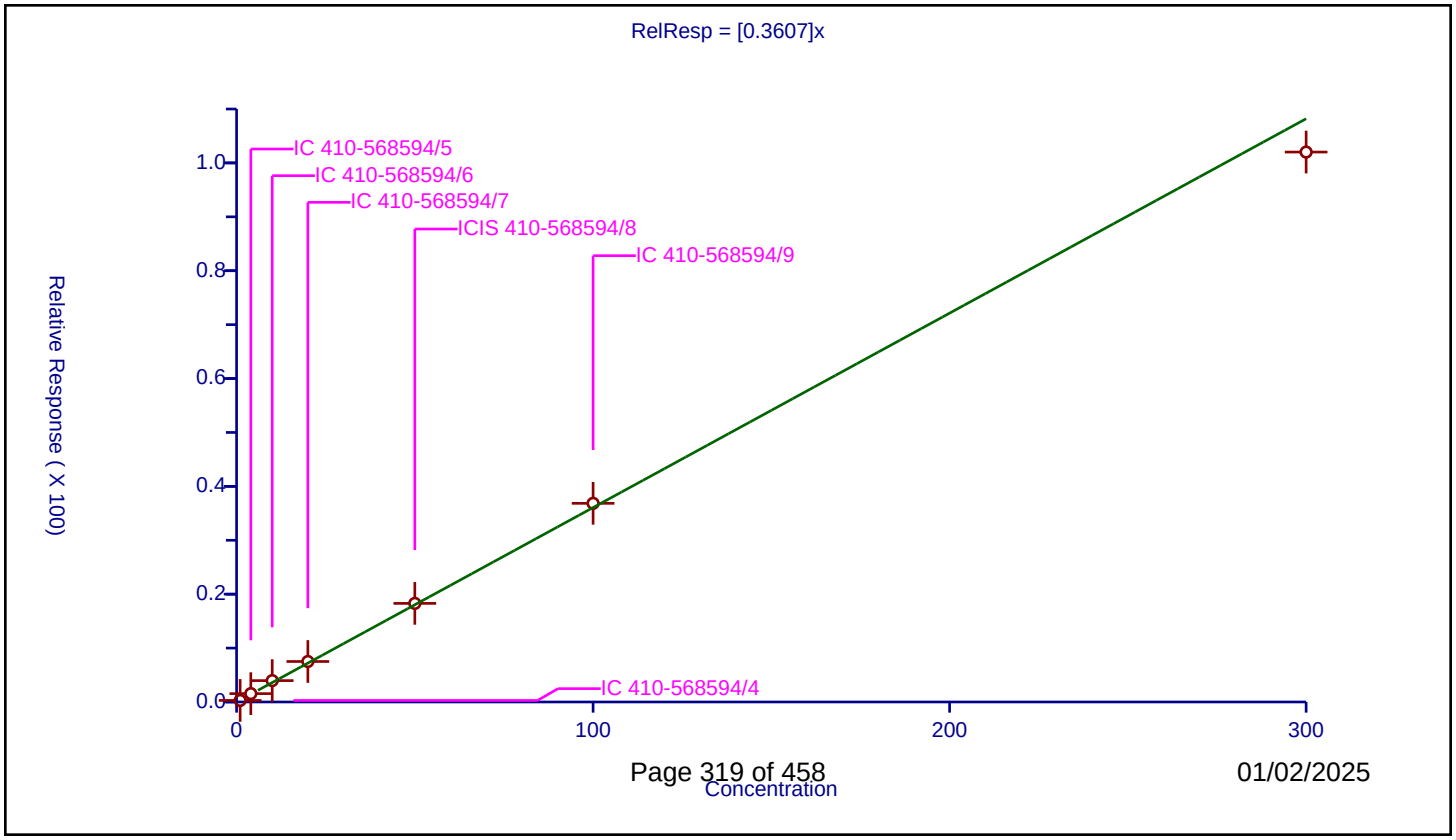
Curve Coefficients

Intercept:	0
Slope:	0.3607

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.290361	50.0	530890.0	0.290361	Y
2	IC 410-568594/5	4.0	1.551337	50.0	534281.0	0.387834	Y
3	IC 410-568594/6	10.0	3.96448	50.0	539806.0	0.396448	Y
4	IC 410-568594/7	20.0	7.512703	50.0	550867.0	0.375635	Y
5	ICIS 410-568594/8	50.0	18.289774	50.0	630981.0	0.365795	Y
6	IC 410-568594/9	100.0	36.85038	50.0	580089.0	0.368504	Y
7	IC 410-568594/10	300.0	102.014394	50.0	685963.0	0.340048	Y



Calibration / Isobutyl alcohol

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

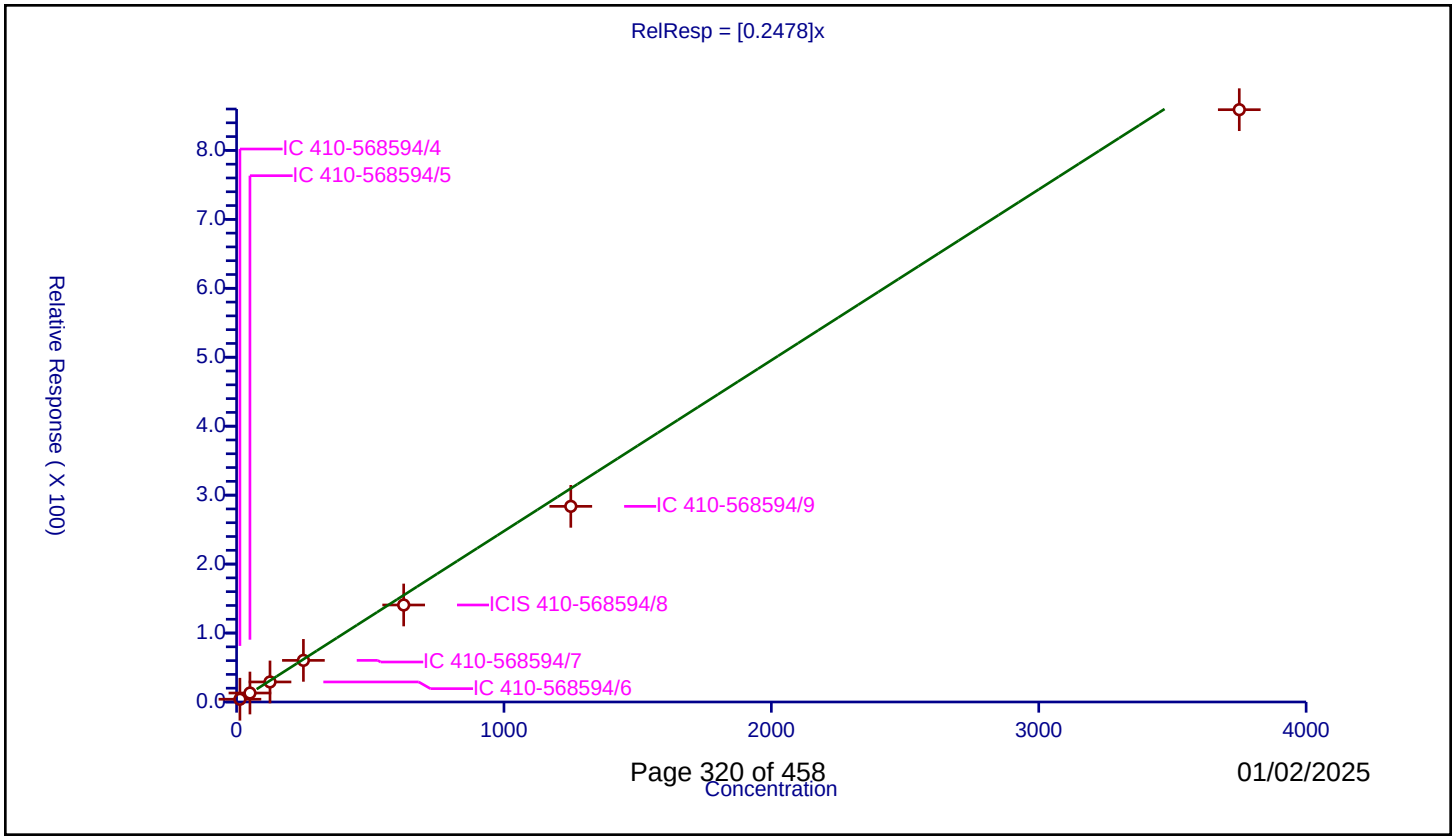
Curve Coefficients

Intercept:	0
Slope:	0.2478

Error Coefficients

Relative Standard Deviation:	13.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	12.5	3.989148	250.0	378903.0	0.319132	Y
2	IC 410-568594/5	50.0	13.015282	250.0	355582.0	0.260306	Y
3	IC 410-568594/6	125.0	29.066911	250.0	339914.0	0.232535	Y
4	IC 410-568594/7	250.0	60.344562	250.0	357004.0	0.241378	Y
5	ICIS 410-568594/8	625.0	140.693068	250.0	374855.0	0.225109	Y
6	IC 410-568594/9	1250.0	283.75055	250.0	347861.0	0.227	Y
7	IC 410-568594/10	3750.0	859.039211	250.0	362067.0	0.229077	Y



Calibration / 1,2-Dichloroethane-d4 (Surr)

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

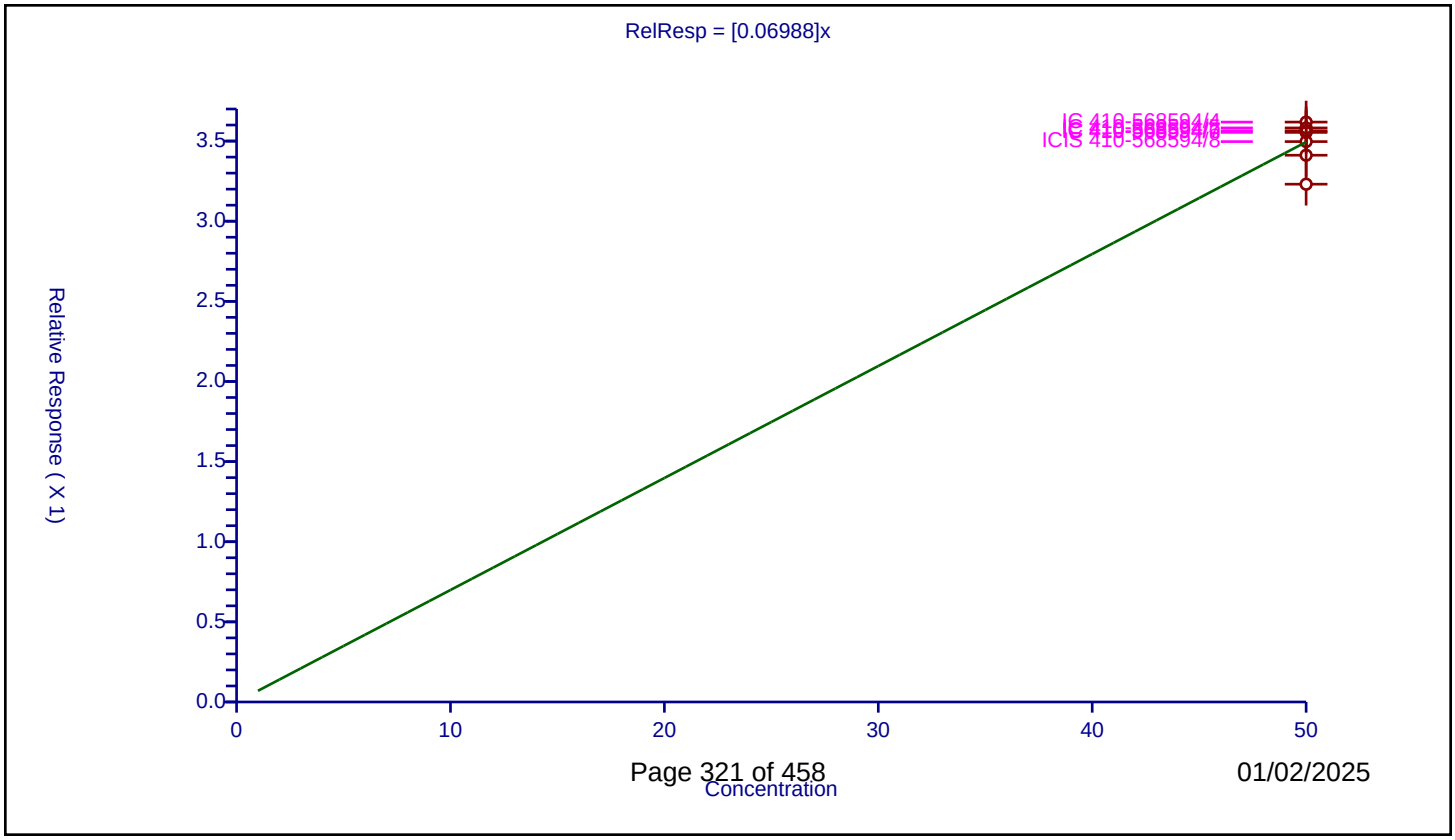
Curve Coefficients

Intercept:	0
Slope:	0.06988

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	50.0	3.618452	50.0	530890.0	0.072369	Y
2	IC 410-568594/5	50.0	3.58201	50.0	534281.0	0.07164	Y
3	IC 410-568594/6	50.0	3.554147	50.0	539806.0	0.071083	Y
4	IC 410-568594/7	50.0	3.563837	50.0	550867.0	0.071277	Y
5	ICIS 410-568594/8	50.0	3.496698	50.0	630981.0	0.069934	Y
6	IC 410-568594/9	50.0	3.411632	50.0	580089.0	0.068233	Y
7	IC 410-568594/10	50.0	3.230932	50.0	685963.0	0.064619	Y



Calibration / Benzene

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

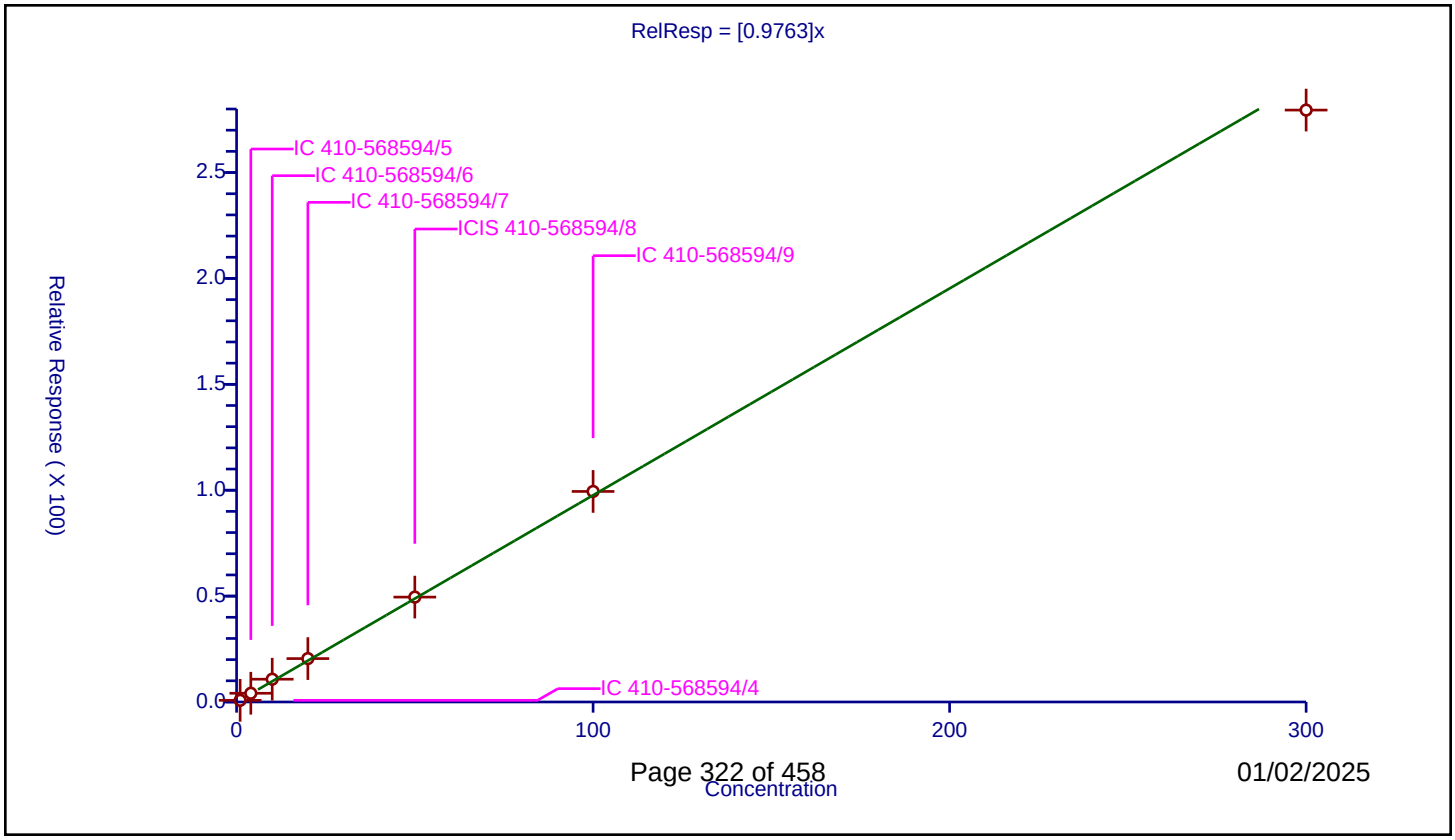
Curve Coefficients

Intercept:	0
Slope:	0.9763

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.78585	50.0	530890.0	0.78585	Y
2	IC 410-568594/5	4.0	4.124234	50.0	534281.0	1.031059	Y
3	IC 410-568594/6	10.0	10.76257	50.0	539806.0	1.076257	Y
4	IC 410-568594/7	20.0	20.497597	50.0	550867.0	1.02488	Y
5	ICIS 410-568594/8	50.0	49.526135	50.0	630981.0	0.990523	Y
6	IC 410-568594/9	100.0	99.417331	50.0	580089.0	0.994173	Y
7	IC 410-568594/10	300.0	279.49904	50.0	685963.0	0.931663	Y



Calibration / 1,2-Dichloroethane

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

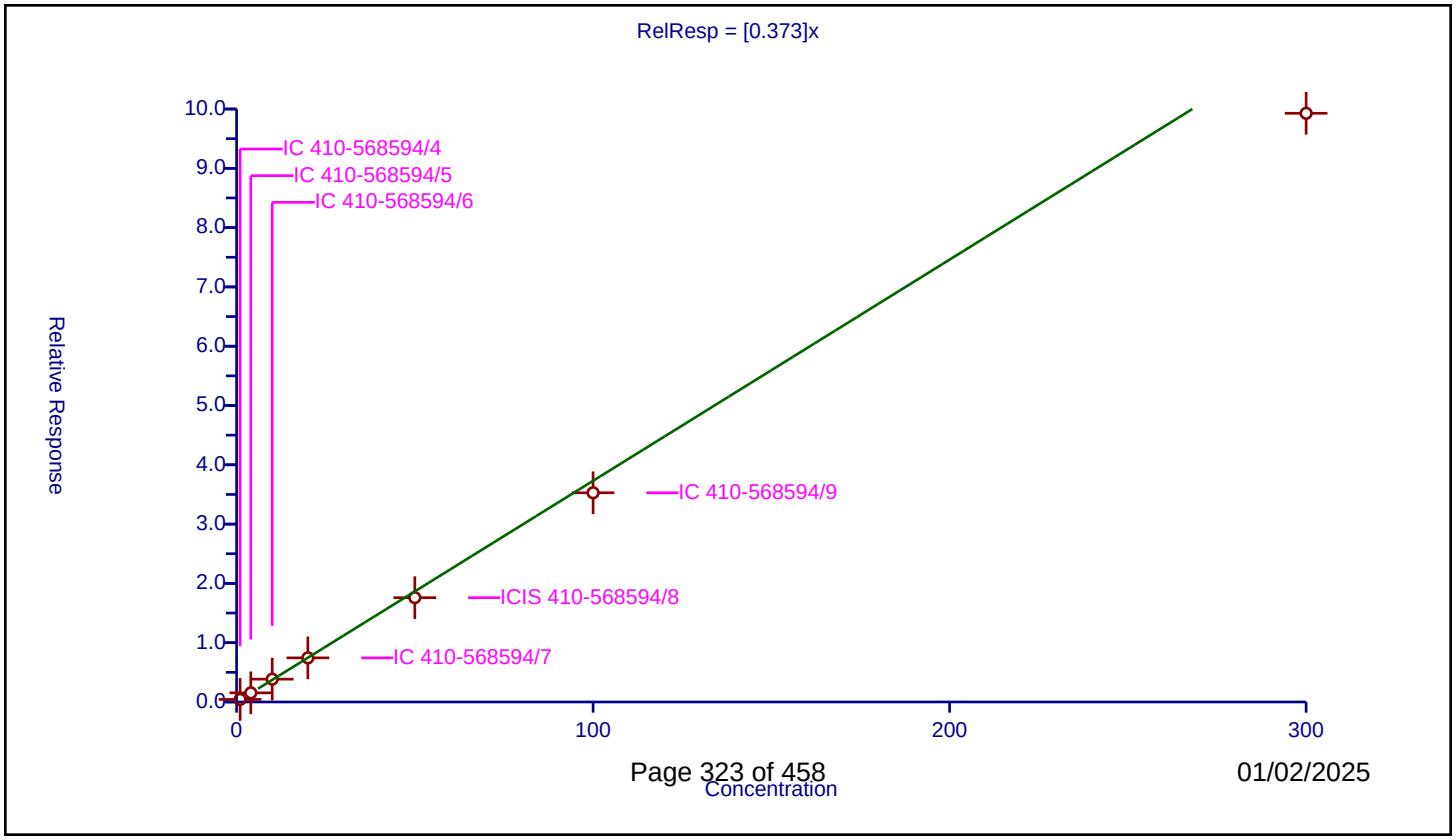
Curve Coefficients

Intercept:	0
Slope:	0.373

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.43267	50.0	530890.0	0.43267	Y
2	IC 410-568594/5	4.0	1.541885	50.0	534281.0	0.385471	Y
3	IC 410-568594/6	10.0	3.853329	50.0	539806.0	0.385333	Y
4	IC 410-568594/7	20.0	7.439999	50.0	550867.0	0.372	Y
5	ICIS 410-568594/8	50.0	17.590466	50.0	630981.0	0.351809	Y
6	IC 410-568594/9	100.0	35.281655	50.0	580089.0	0.352817	Y
7	IC 410-568594/10	300.0	99.279116	50.0	685963.0	0.33093	Y



Calibration / Tert-amyl methyl ether

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

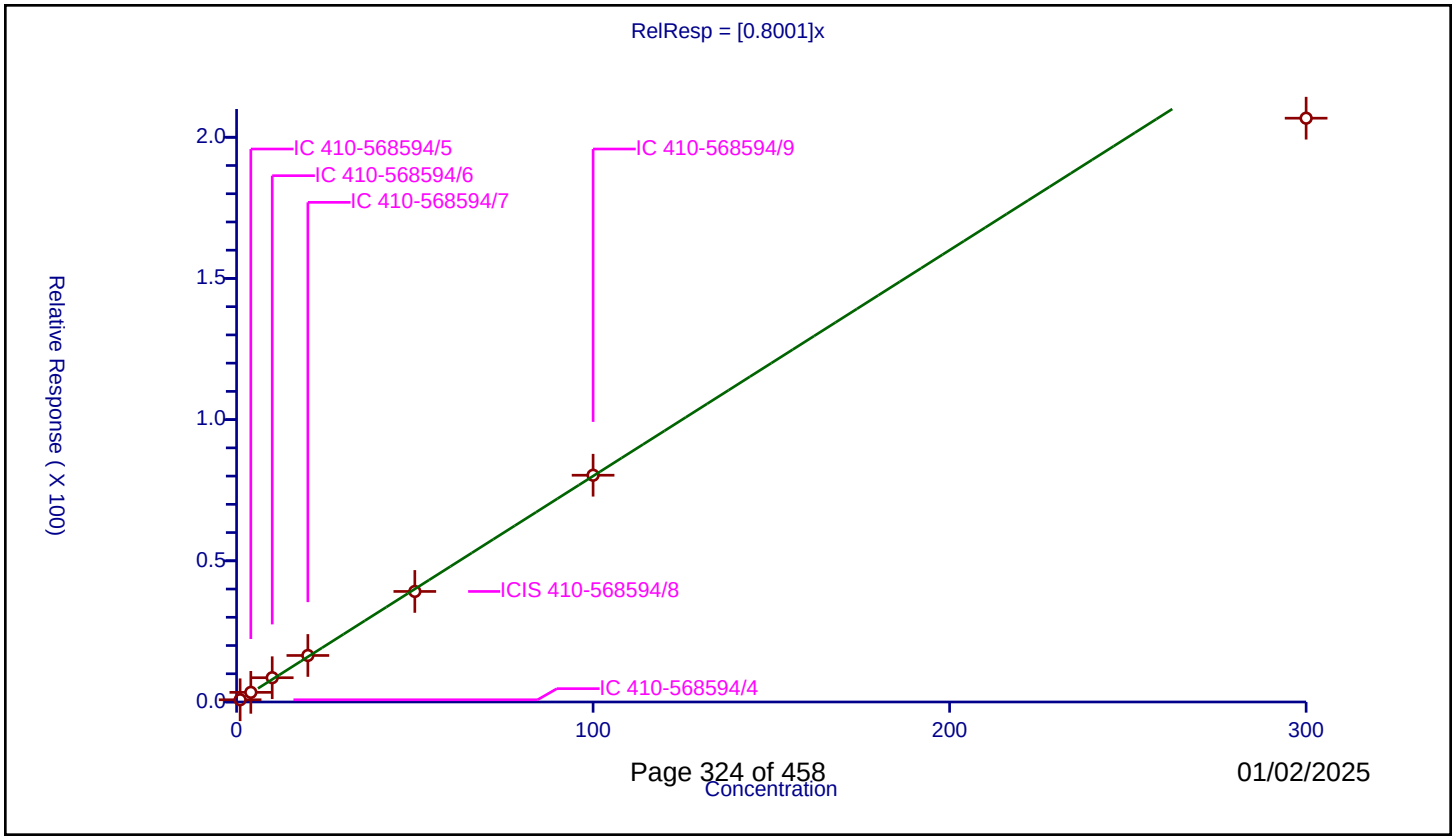
Curve Coefficients

Intercept:	0
Slope:	0.8001

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.78764	50.0	530890.0	0.78764	Y
2	IC 410-568594/5	4.0	3.415806	50.0	534281.0	0.853951	Y
3	IC 410-568594/6	10.0	8.602628	50.0	539806.0	0.860263	Y
4	IC 410-568594/7	20.0	16.473849	50.0	550867.0	0.823692	Y
5	ICIS 410-568594/8	50.0	39.150703	50.0	630981.0	0.783014	Y
6	IC 410-568594/9	100.0	80.307591	50.0	580089.0	0.803076	Y
7	IC 410-568594/10	300.0	206.747011	50.0	685963.0	0.689157	Y



Calibration / n-Heptane

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

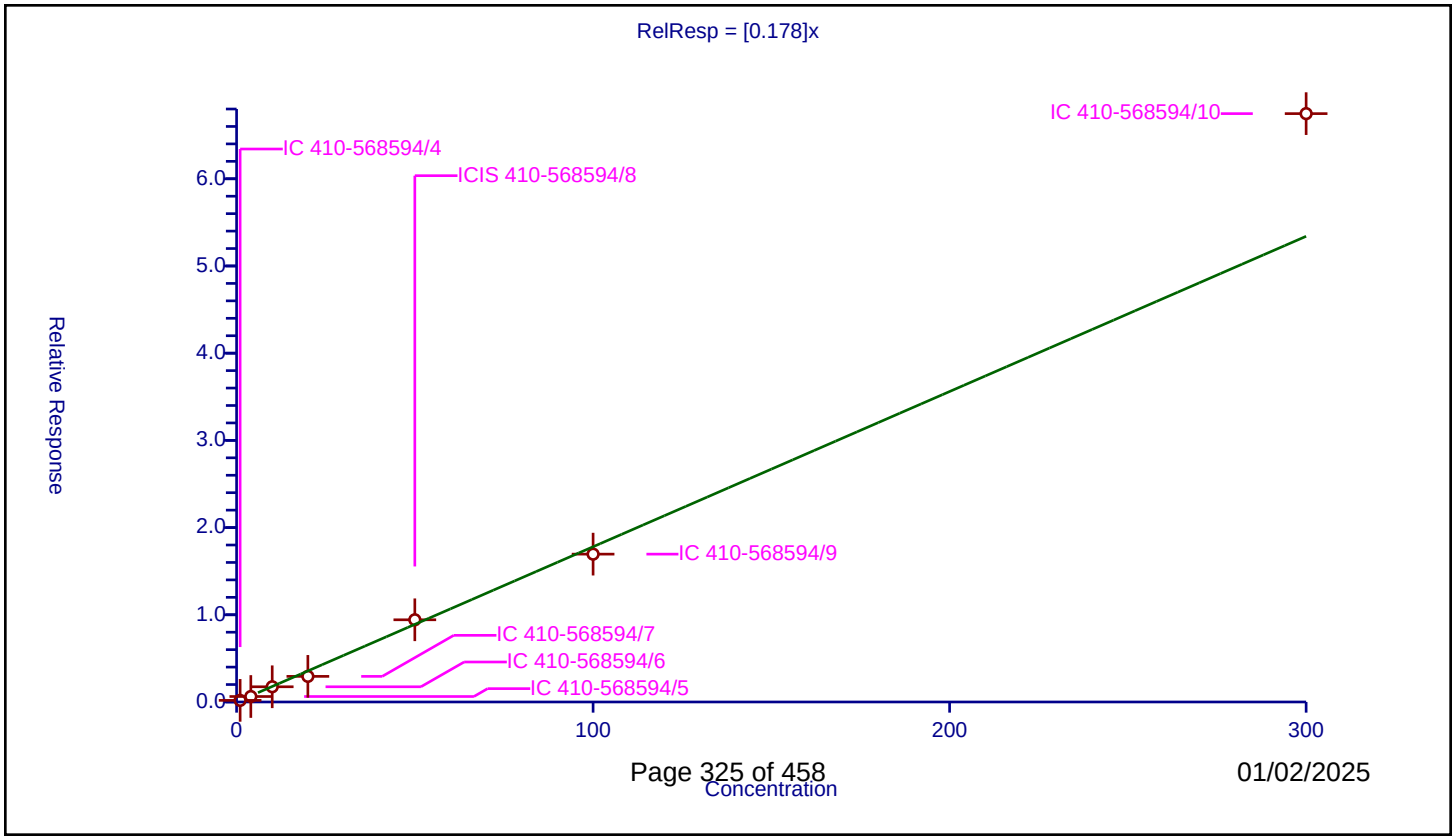
Curve Coefficients

Intercept:	0
Slope:	0.178

Error Coefficients

Relative Standard Deviation:	14.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.184596	50.0	530890.0	0.184596	Y
2	IC 410-568594/5	4.0	0.628976	50.0	534281.0	0.157244	Y
3	IC 410-568594/6	10.0	1.743311	50.0	539806.0	0.174331	Y
4	IC 410-568594/7	20.0	2.938459	50.0	550867.0	0.146923	Y
5	ICIS 410-568594/8	50.0	9.426591	50.0	630981.0	0.188532	Y
6	IC 410-568594/9	100.0	16.954812	50.0	580089.0	0.169548	Y
7	IC 410-568594/10	300.0	67.470111	50.0	685963.0	0.2249	Y



Calibration / n-Butanol

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

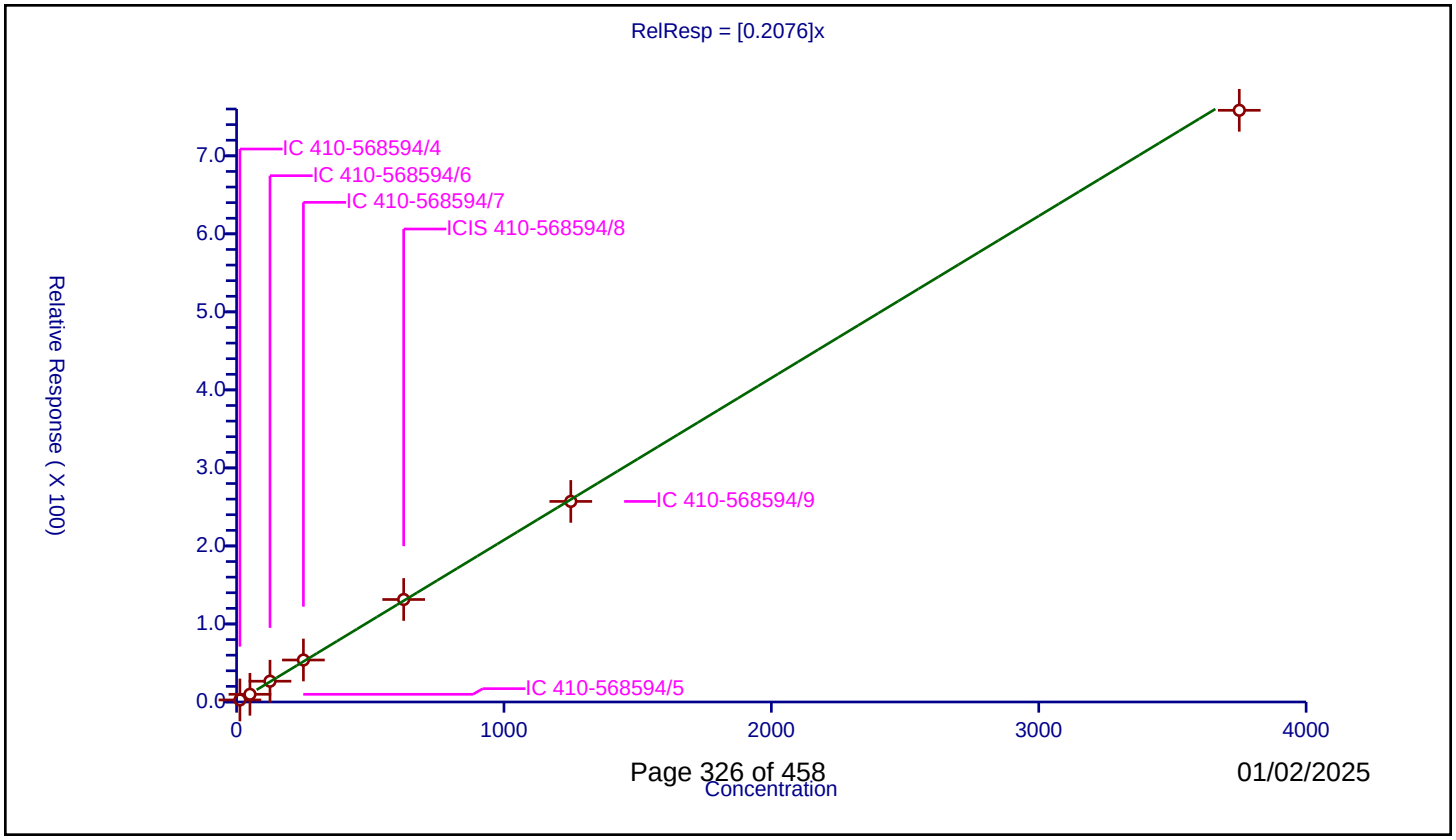
Curve Coefficients

Intercept:	0
Slope:	0.2076

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	12.5	2.618744	250.0	378903.0	0.2095	Y
2	IC 410-568594/5	50.0	9.875359	250.0	355582.0	0.197507	Y
3	IC 410-568594/6	125.0	26.630265	250.0	339914.0	0.213042	Y
4	IC 410-568594/7	250.0	53.80612	250.0	357004.0	0.215224	Y
5	ICIS 410-568594/8	625.0	131.356791	250.0	374855.0	0.210171	Y
6	IC 410-568594/9	1250.0	257.078977	250.0	347861.0	0.205663	Y
7	IC 410-568594/10	3750.0	758.37276	250.0	362067.0	0.202233	Y



Calibration / Trichloroethene

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

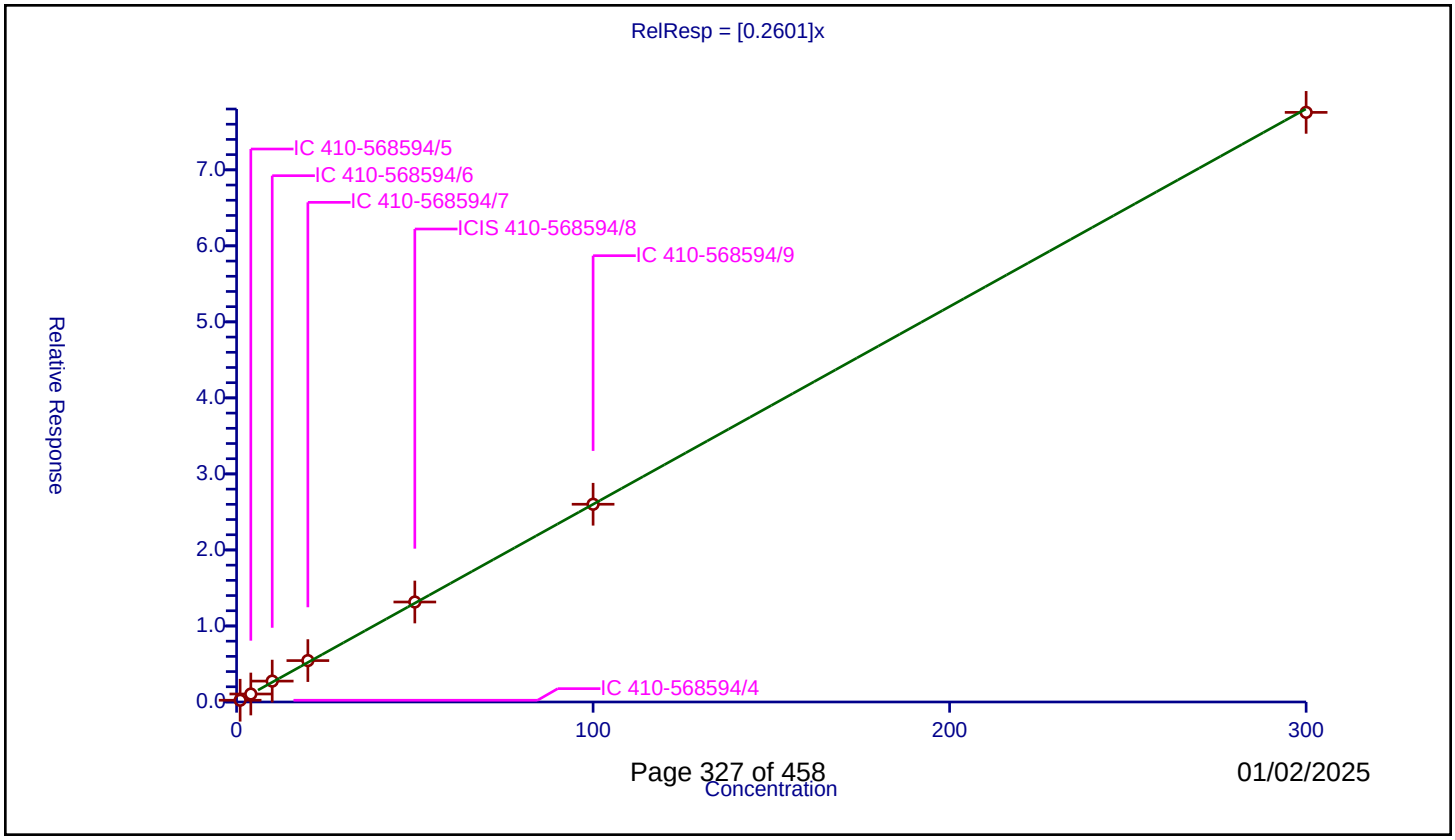
Curve Coefficients

Intercept:	0
Slope:	0.2601

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.229614	50.0	530890.0	0.229614	Y
2	IC 410-568594/5	4.0	1.048793	50.0	534281.0	0.262198	Y
3	IC 410-568594/6	10.0	2.747191	50.0	539806.0	0.274719	Y
4	IC 410-568594/7	20.0	5.446778	50.0	550867.0	0.272339	Y
5	ICIS 410-568594/8	50.0	13.151981	50.0	630981.0	0.26304	Y
6	IC 410-568594/9	100.0	26.011784	50.0	580089.0	0.260118	Y
7	IC 410-568594/10	300.0	77.557171	50.0	685963.0	0.258524	Y



Calibration / Methylcyclohexane

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

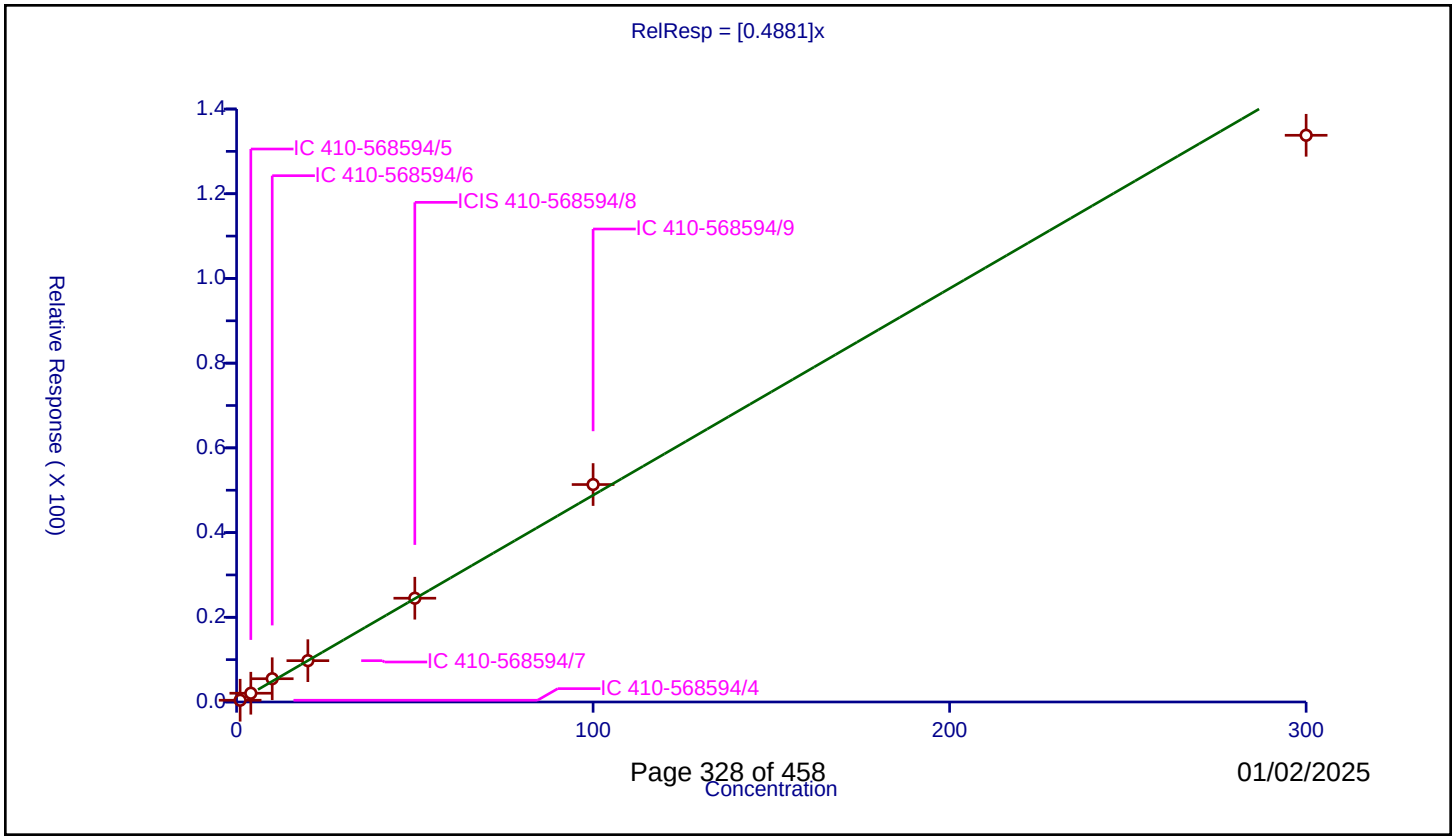
Curve Coefficients

Intercept:	0
Slope:	0.4881

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.41308	50.0	530890.0	0.41308	Y
2	IC 410-568594/5	4.0	2.069042	50.0	534281.0	0.517261	Y
3	IC 410-568594/6	10.0	5.49503	50.0	539806.0	0.549503	Y
4	IC 410-568594/7	20.0	9.753171	50.0	550867.0	0.487659	Y
5	ICIS 410-568594/8	50.0	24.502323	50.0	630981.0	0.490046	Y
6	IC 410-568594/9	100.0	51.338588	50.0	580089.0	0.513386	Y
7	IC 410-568594/10	300.0	133.799272	50.0	685963.0	0.445998	Y



Calibration / 1,2-Dichloropropane

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

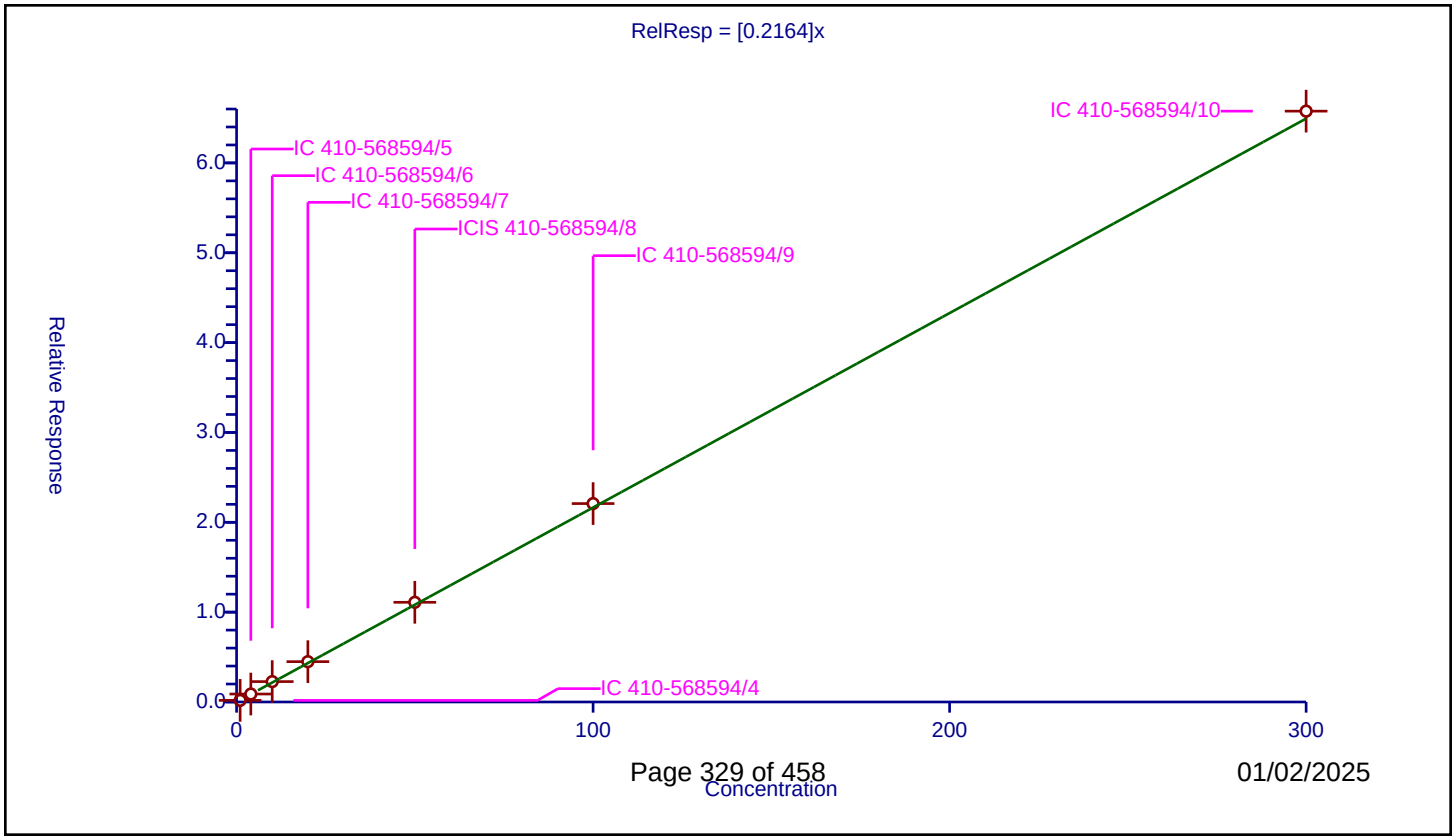
Curve Coefficients

Intercept:	0
Slope:	0.2164

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.180263	50.0	530890.0	0.180263	Y
2	IC 410-568594/5	4.0	0.885957	50.0	534281.0	0.221489	Y
3	IC 410-568594/6	10.0	2.268593	50.0	539806.0	0.226859	Y
4	IC 410-568594/7	20.0	4.490195	50.0	550867.0	0.22451	Y
5	ICIS 410-568594/8	50.0	11.096689	50.0	630981.0	0.221934	Y
6	IC 410-568594/9	100.0	22.084111	50.0	580089.0	0.220841	Y
7	IC 410-568594/10	300.0	65.762949	50.0	685963.0	0.21921	Y



Calibration / 2-ethoxy-2-methyl butane

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

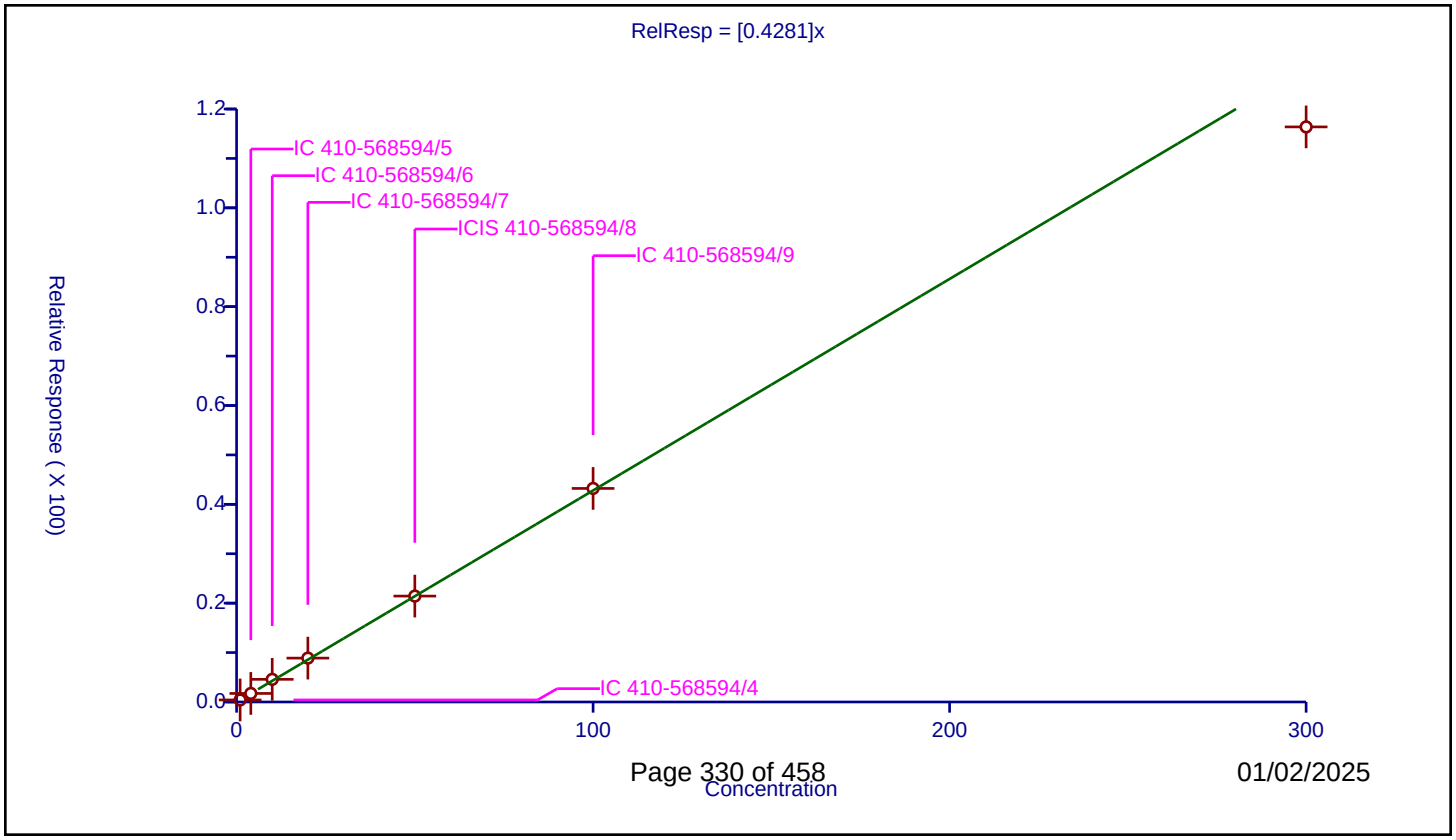
Curve Coefficients

Intercept:	0
Slope:	0.4281

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.412797	50.0	530890.0	0.412797	Y
2	IC 410-568594/5	4.0	1.730082	50.0	534281.0	0.432521	Y
3	IC 410-568594/6	10.0	4.583776	50.0	539806.0	0.458378	Y
4	IC 410-568594/7	20.0	8.87864	50.0	550867.0	0.443932	Y
5	ICIS 410-568594/8	50.0	21.430281	50.0	630981.0	0.428606	Y
6	IC 410-568594/9	100.0	43.220609	50.0	580089.0	0.432206	Y
7	IC 410-568594/10	300.0	116.380257	50.0	685963.0	0.387934	Y



Calibration / 1,4-Dioxane

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

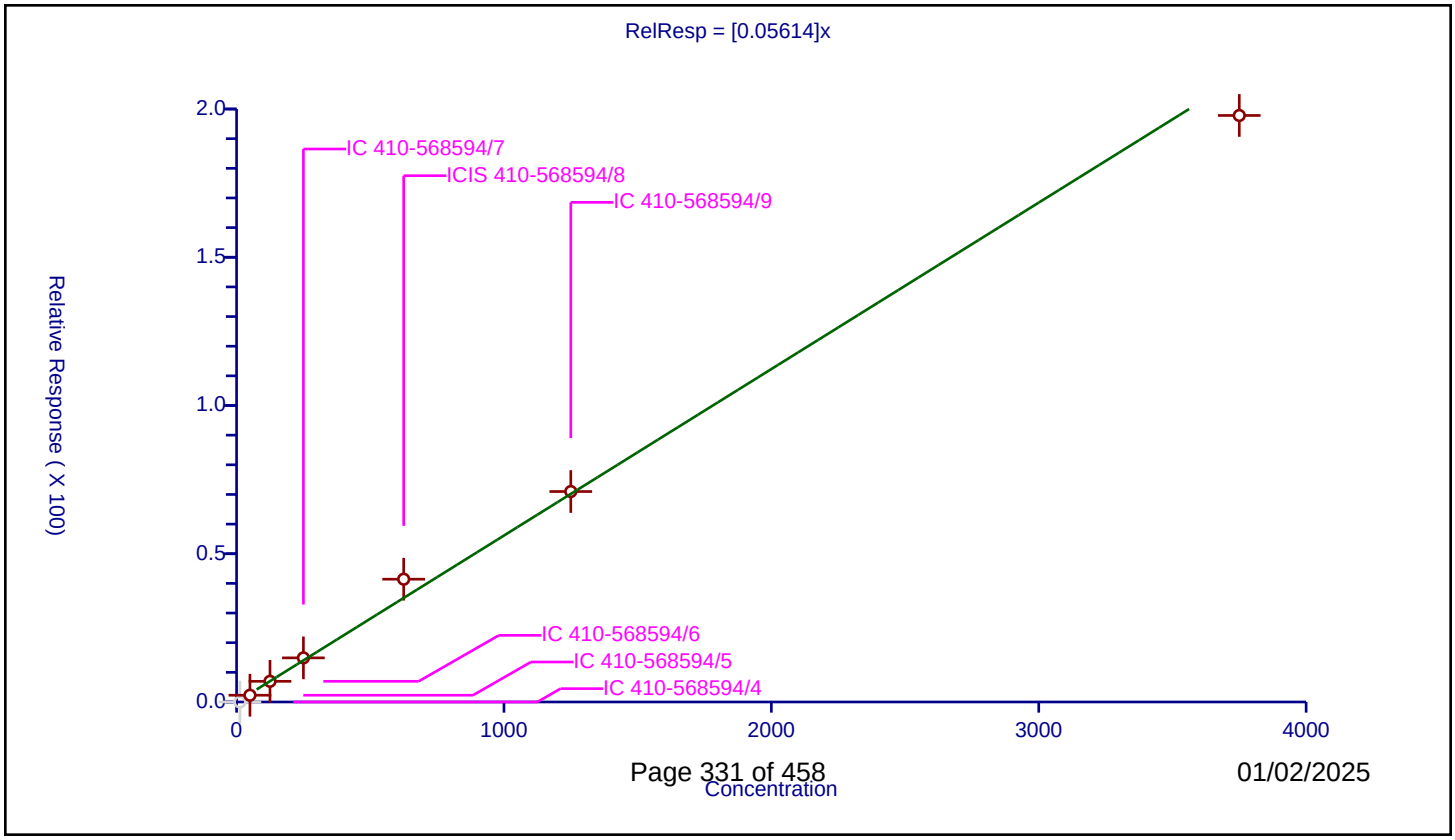
Curve Coefficients

Intercept:	0
Slope:	0.05614

Error Coefficients

Relative Standard Deviation:	12.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	12.5	0.0	250.0	378903.0	0.0	N
2	IC 410-568594/5	50.0	2.284283	250.0	355582.0	0.045686	Y
3	IC 410-568594/6	125.0	6.9775	250.0	339914.0	0.05582	Y
4	IC 410-568594/7	250.0	14.884287	250.0	357004.0	0.059537	Y
5	ICIS 410-568594/8	625.0	41.417348	250.0	374855.0	0.066268	Y
6	IC 410-568594/9	1250.0	70.985969	250.0	347861.0	0.056789	Y
7	IC 410-568594/10	3750.0	197.821122	250.0	362067.0	0.052752	Y



Calibration / Methyl methacrylate

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

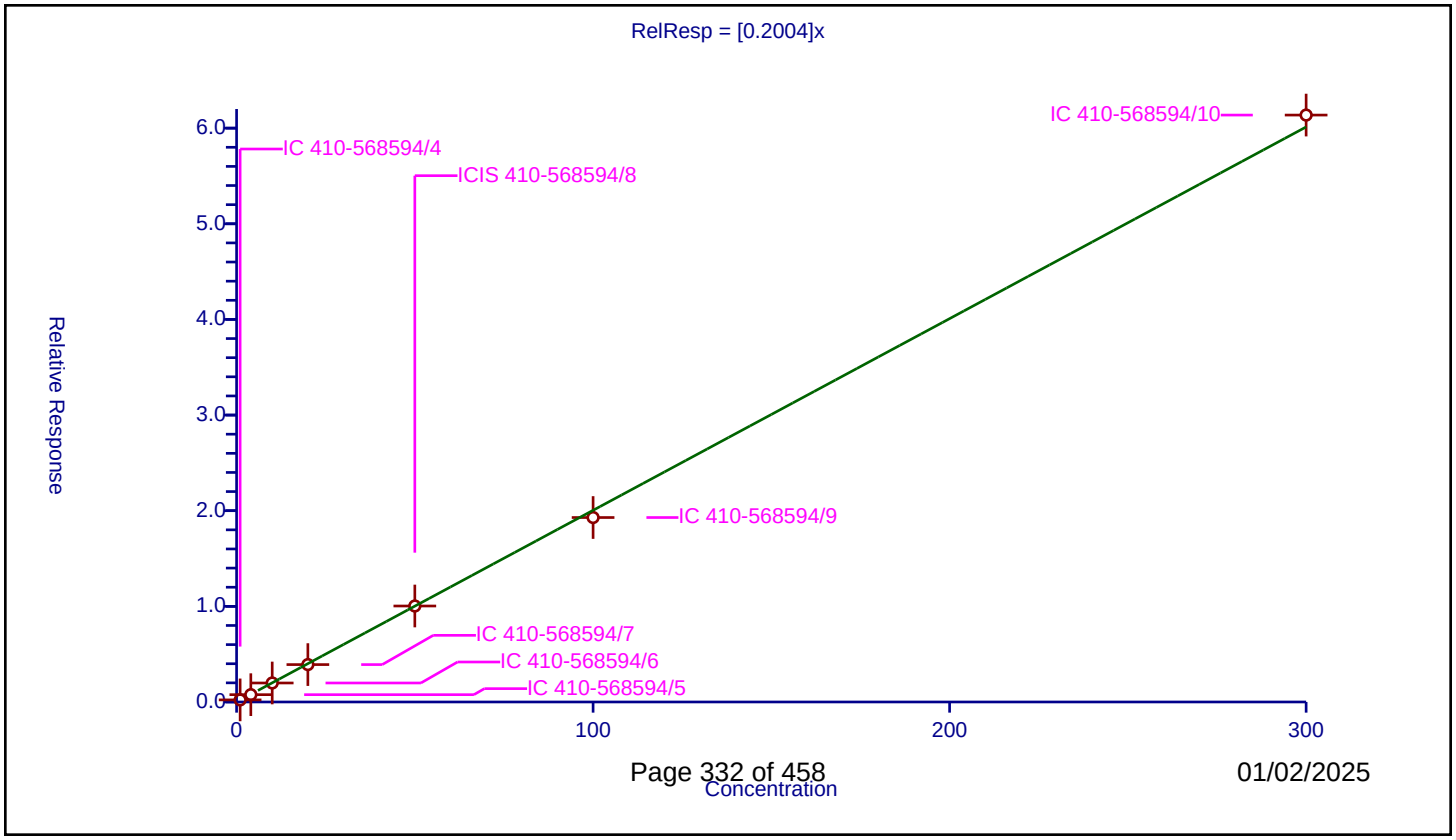
Curve Coefficients

Intercept:	0
Slope:	0.2004

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.219443	50.0	530890.0	0.219443	Y
2	IC 410-568594/5	4.0	0.764111	50.0	534281.0	0.191028	Y
3	IC 410-568594/6	10.0	1.987103	50.0	539806.0	0.19871	Y
4	IC 410-568594/7	20.0	3.9102	50.0	550867.0	0.19551	Y
5	ICIS 410-568594/8	50.0	10.037545	50.0	630981.0	0.200751	Y
6	IC 410-568594/9	100.0	19.288506	50.0	580089.0	0.192885	Y
7	IC 410-568594/10	300.0	61.367304	50.0	685963.0	0.204558	Y



Calibration / Dibromomethane

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

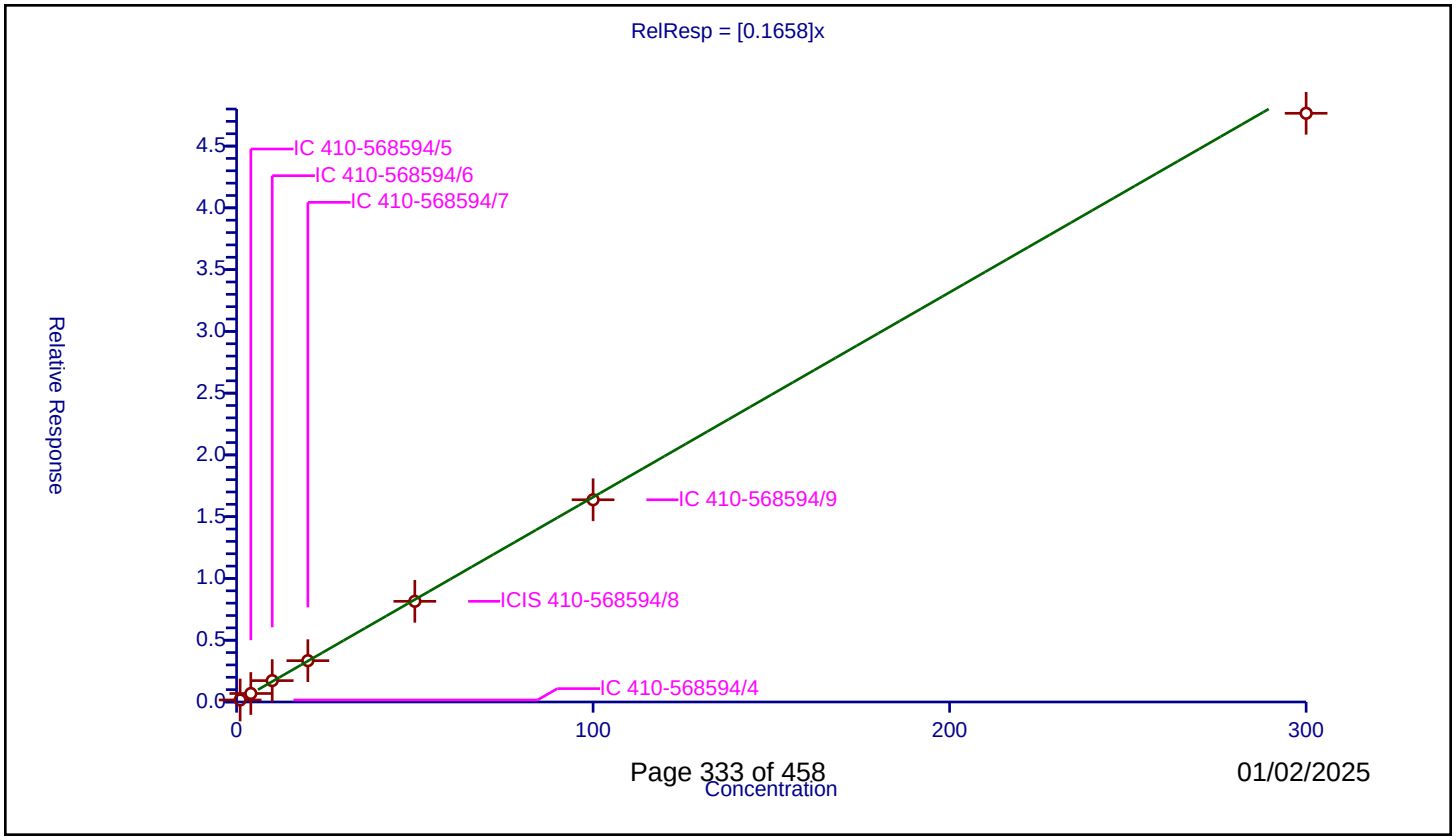
Curve Coefficients

Intercept:	0
Slope:	0.1658

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.163028	50.0	530890.0	0.163028	Y
2	IC 410-568594/5	4.0	0.687372	50.0	534281.0	0.171843	Y
3	IC 410-568594/6	10.0	1.729695	50.0	539806.0	0.17297	Y
4	IC 410-568594/7	20.0	3.344455	50.0	550867.0	0.167223	Y
5	ICIS 410-568594/8	50.0	8.148819	50.0	630981.0	0.162976	Y
6	IC 410-568594/9	100.0	16.368868	50.0	580089.0	0.163689	Y
7	IC 410-568594/10	300.0	47.653809	50.0	685963.0	0.158846	Y



Calibration / Dichlorobromomethane

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

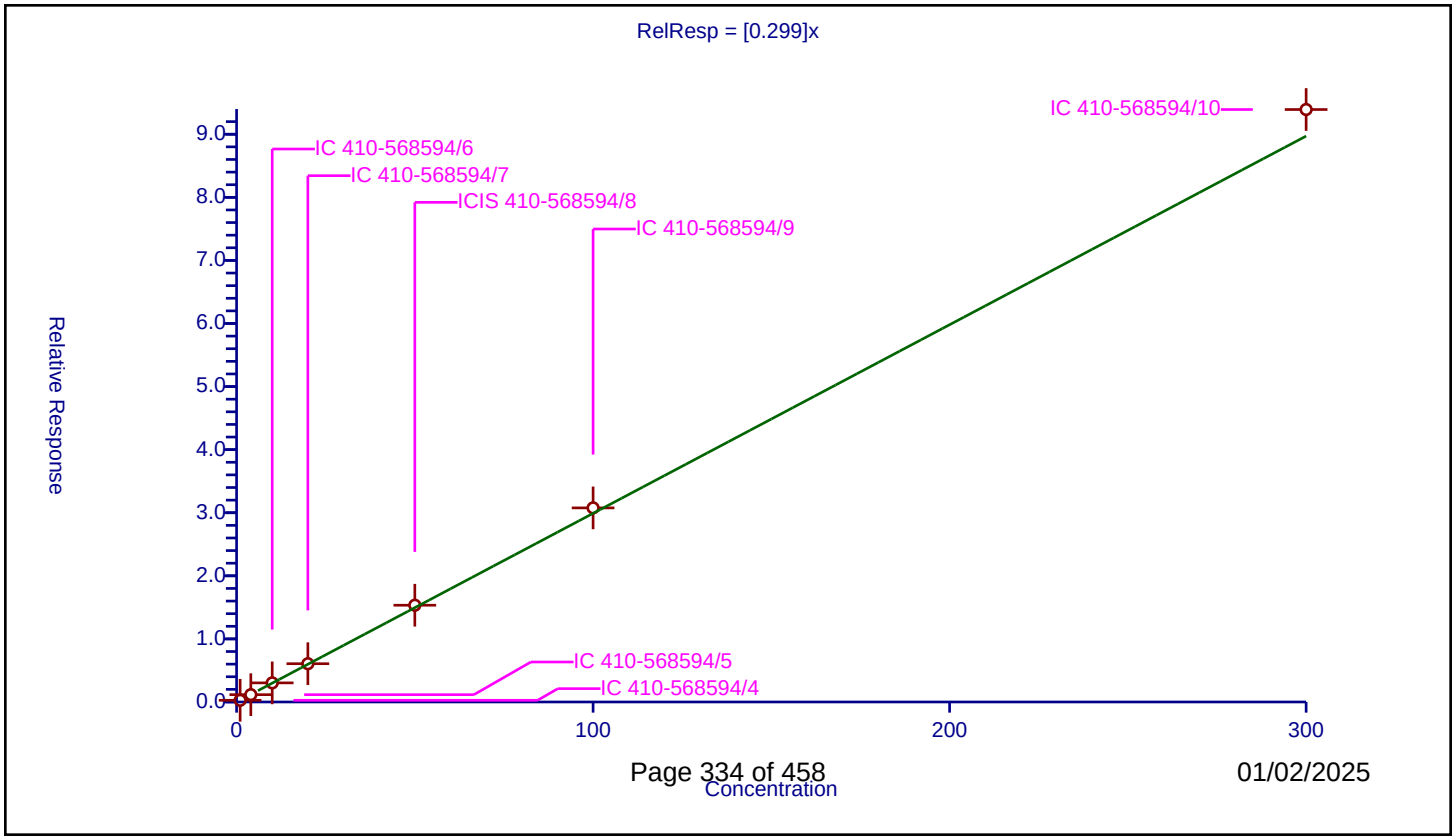
Curve Coefficients

Intercept:	0
Slope:	0.299

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.26983	50.0	530890.0	0.26983	Y
2	IC 410-568594/5	4.0	1.159128	50.0	534281.0	0.289782	Y
3	IC 410-568594/6	10.0	3.027106	50.0	539806.0	0.302711	Y
4	IC 410-568594/7	20.0	6.067345	50.0	550867.0	0.303367	Y
5	ICIS 410-568594/8	50.0	15.339051	50.0	630981.0	0.306781	Y
6	IC 410-568594/9	100.0	30.767262	50.0	580089.0	0.307673	Y
7	IC 410-568594/10	300.0	93.918185	50.0	685963.0	0.313061	Y



Calibration / 2-Nitropropane

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

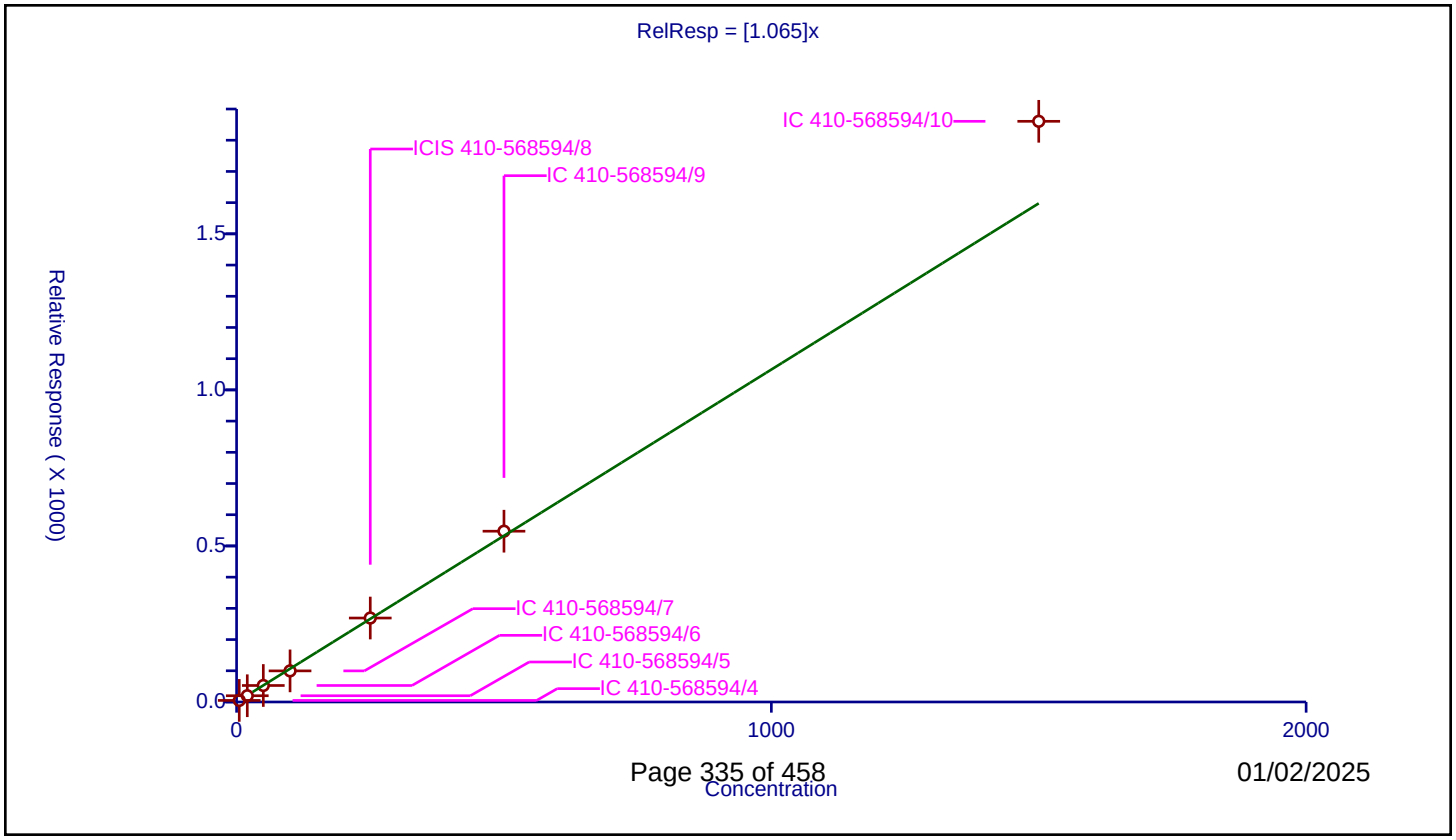
Curve Coefficients

Intercept:	0
Slope:	1.065

Error Coefficients

Relative Standard Deviation:	8.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	5.0	4.955754	250.0	378903.0	0.991151	Y
2	IC 410-568594/5	20.0	19.999606	250.0	355582.0	0.99998	Y
3	IC 410-568594/6	50.0	52.86852	250.0	339914.0	1.05737	Y
4	IC 410-568594/7	100.0	99.650144	250.0	357004.0	0.996501	Y
5	ICIS 410-568594/8	250.0	269.027357	250.0	374855.0	1.076109	Y
6	IC 410-568594/9	500.0	547.240133	250.0	347861.0	1.09448	Y
7	IC 410-568594/10	1500.0	1860.588648	250.0	362067.0	1.240392	Y



Calibration / 2-Chloroethyl vinyl ether

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

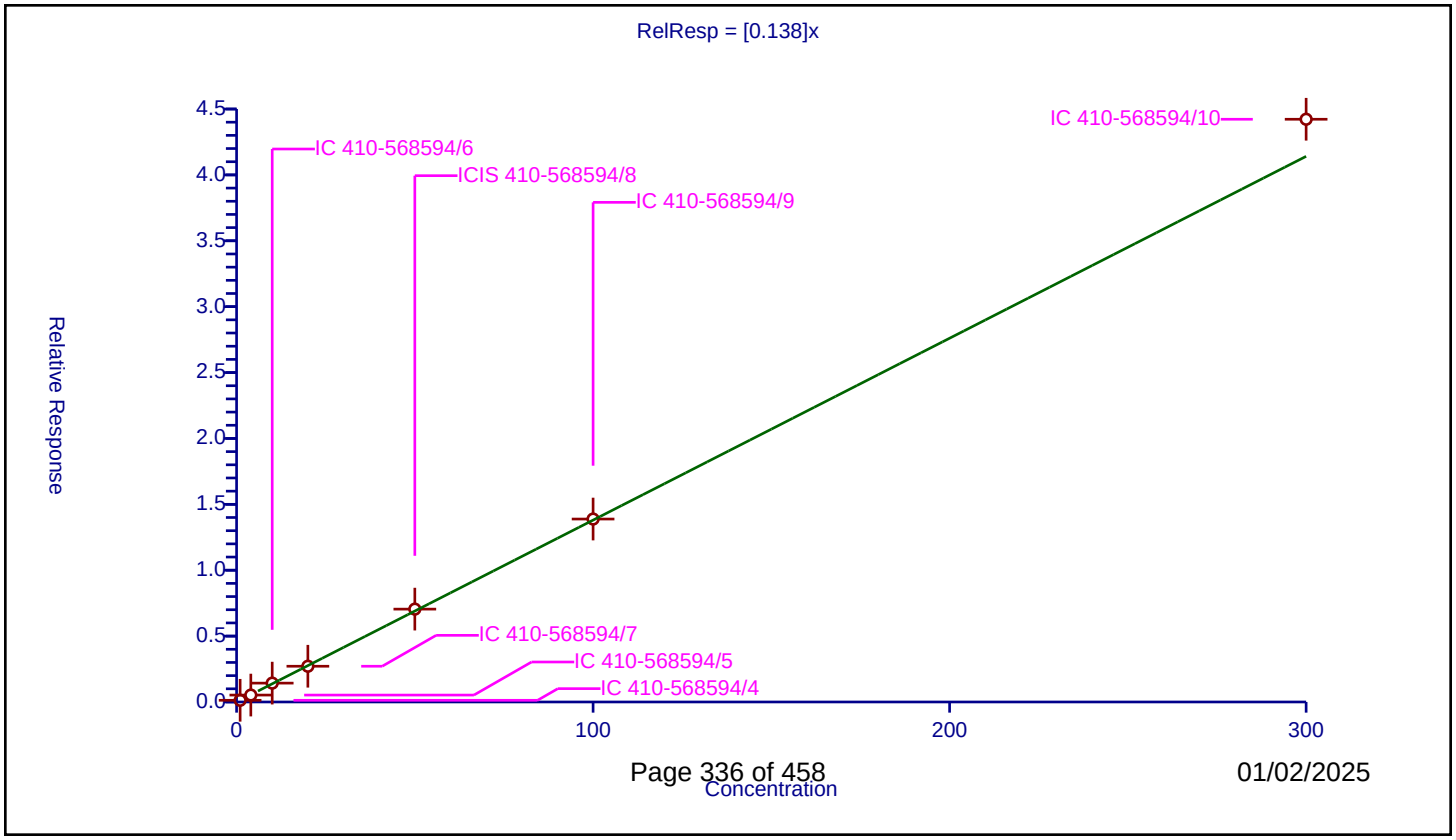
Curve Coefficients

Intercept:	0
Slope:	0.138

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.128934	50.0	530890.0	0.128934	Y
2	IC 410-568594/5	4.0	0.525379	50.0	534281.0	0.131345	Y
3	IC 410-568594/6	10.0	1.431255	50.0	539806.0	0.143125	Y
4	IC 410-568594/7	20.0	2.711907	50.0	550867.0	0.135595	Y
5	ICIS 410-568594/8	50.0	7.047518	50.0	630981.0	0.14095	Y
6	IC 410-568594/9	100.0	13.883042	50.0	580089.0	0.13883	Y
7	IC 410-568594/10	300.0	44.222502	50.0	685963.0	0.147408	Y



Calibration / cis-1,3-Dichloropropene

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

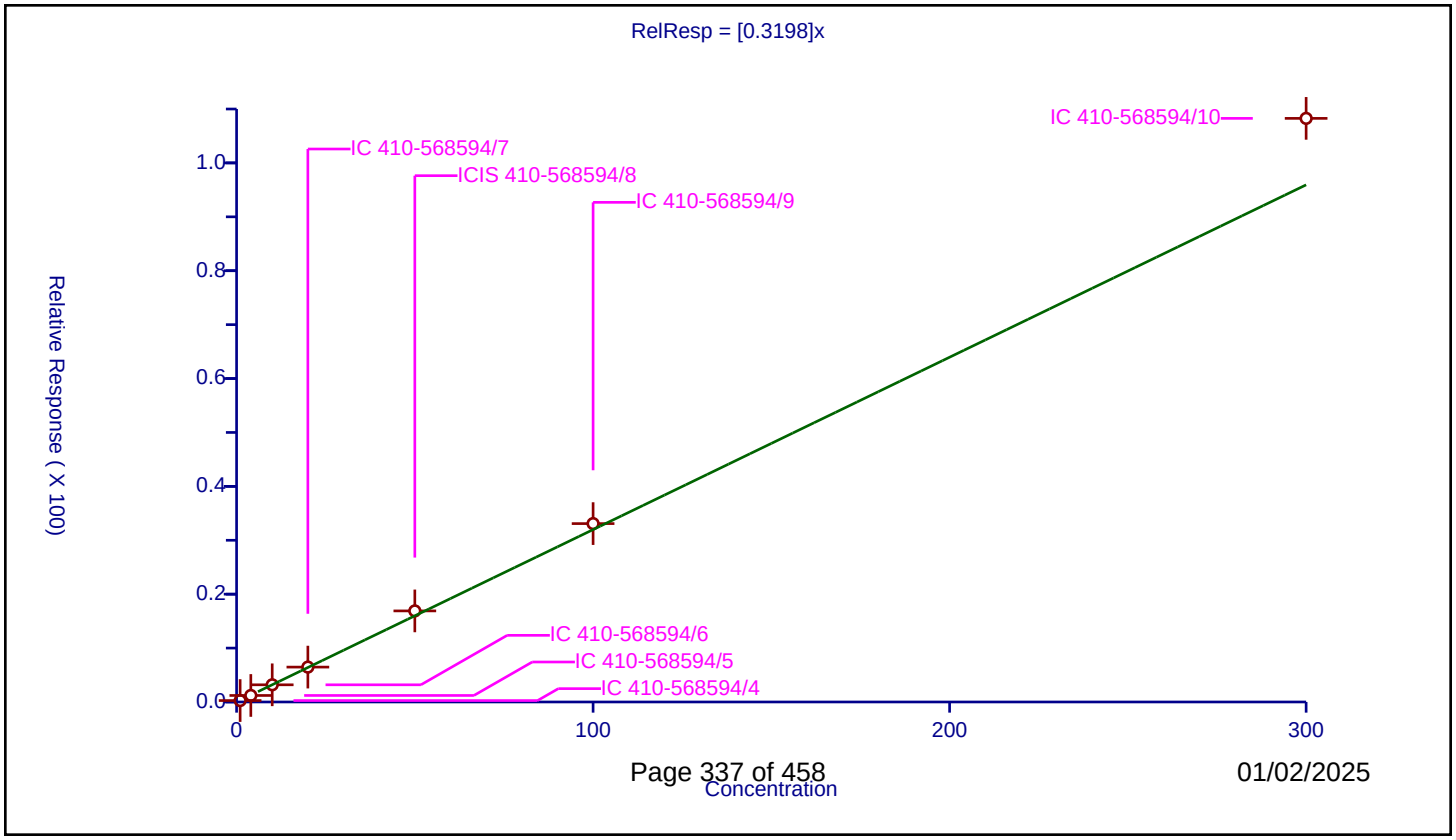
Curve Coefficients

Intercept:	0
Slope:	0.3198

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.263426	50.0	530890.0	0.263426	Y
2	IC 410-568594/5	4.0	1.211722	50.0	534281.0	0.30293	Y
3	IC 410-568594/6	10.0	3.188275	50.0	539806.0	0.318828	Y
4	IC 410-568594/7	20.0	6.471163	50.0	550867.0	0.323558	Y
5	ICIS 410-568594/8	50.0	16.894407	50.0	630981.0	0.337888	Y
6	IC 410-568594/9	100.0	33.090698	50.0	580089.0	0.330907	Y
7	IC 410-568594/10	300.0	108.263055	50.0	685963.0	0.360877	Y



Calibration / 4-Methyl-2-pentanone (MIBK)

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

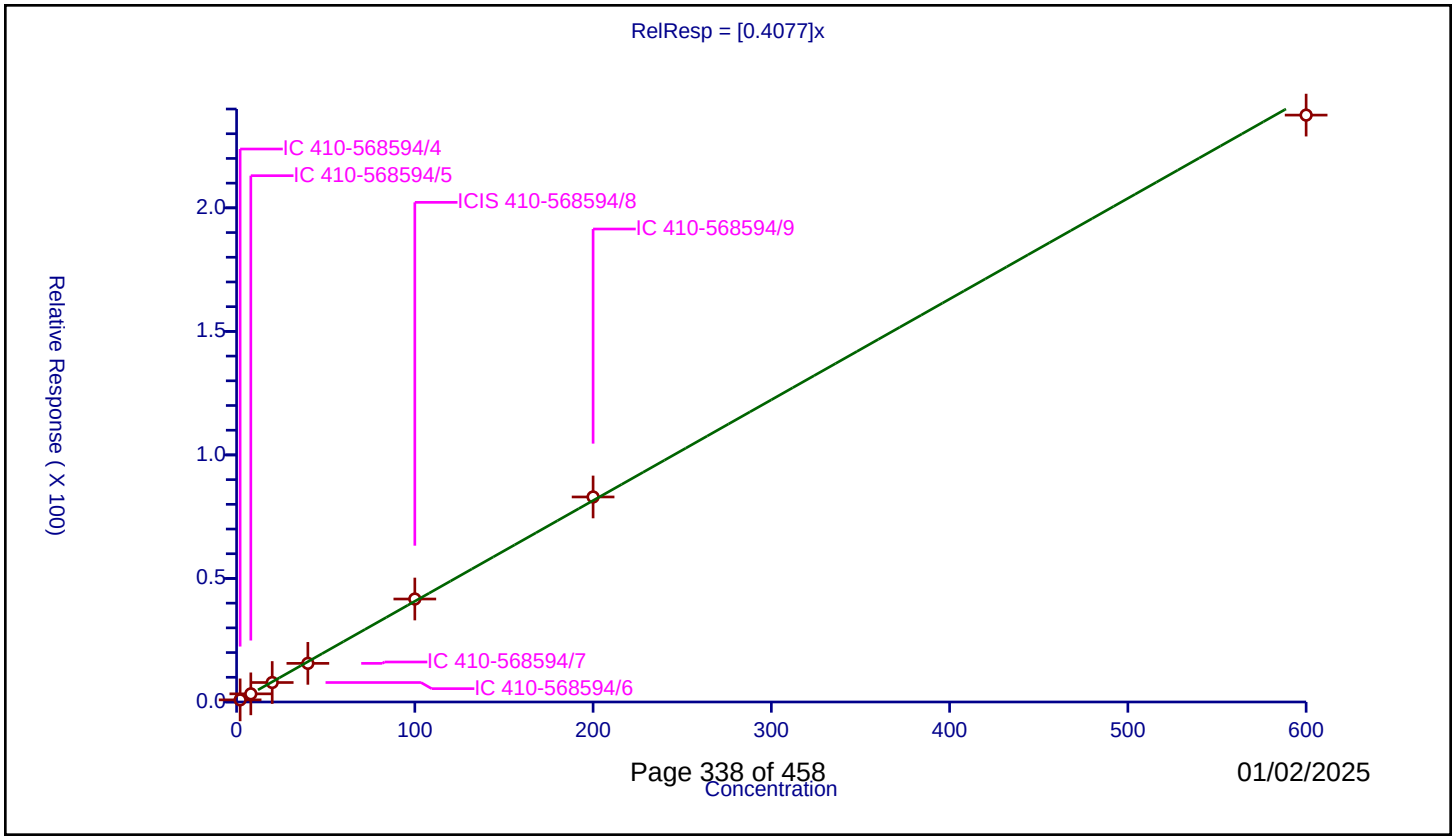
Curve Coefficients

Intercept:	0
Slope:	0.4077

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.0	0.858935	50.0	530890.0	0.429467	Y
2	IC 410-568594/5	8.0	3.291994	50.0	534281.0	0.411499	Y
3	IC 410-568594/6	20.0	7.887834	50.0	539806.0	0.394392	Y
4	IC 410-568594/7	40.0	15.632085	50.0	550867.0	0.390802	Y
5	ICIS 410-568594/8	100.0	41.682	50.0	630981.0	0.41682	Y
6	IC 410-568594/9	200.0	82.984077	50.0	580089.0	0.41492	Y
7	IC 410-568594/10	600.0	237.533876	50.0	685963.0	0.39589	Y



Calibration / Toluene-d8 (Surr)

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

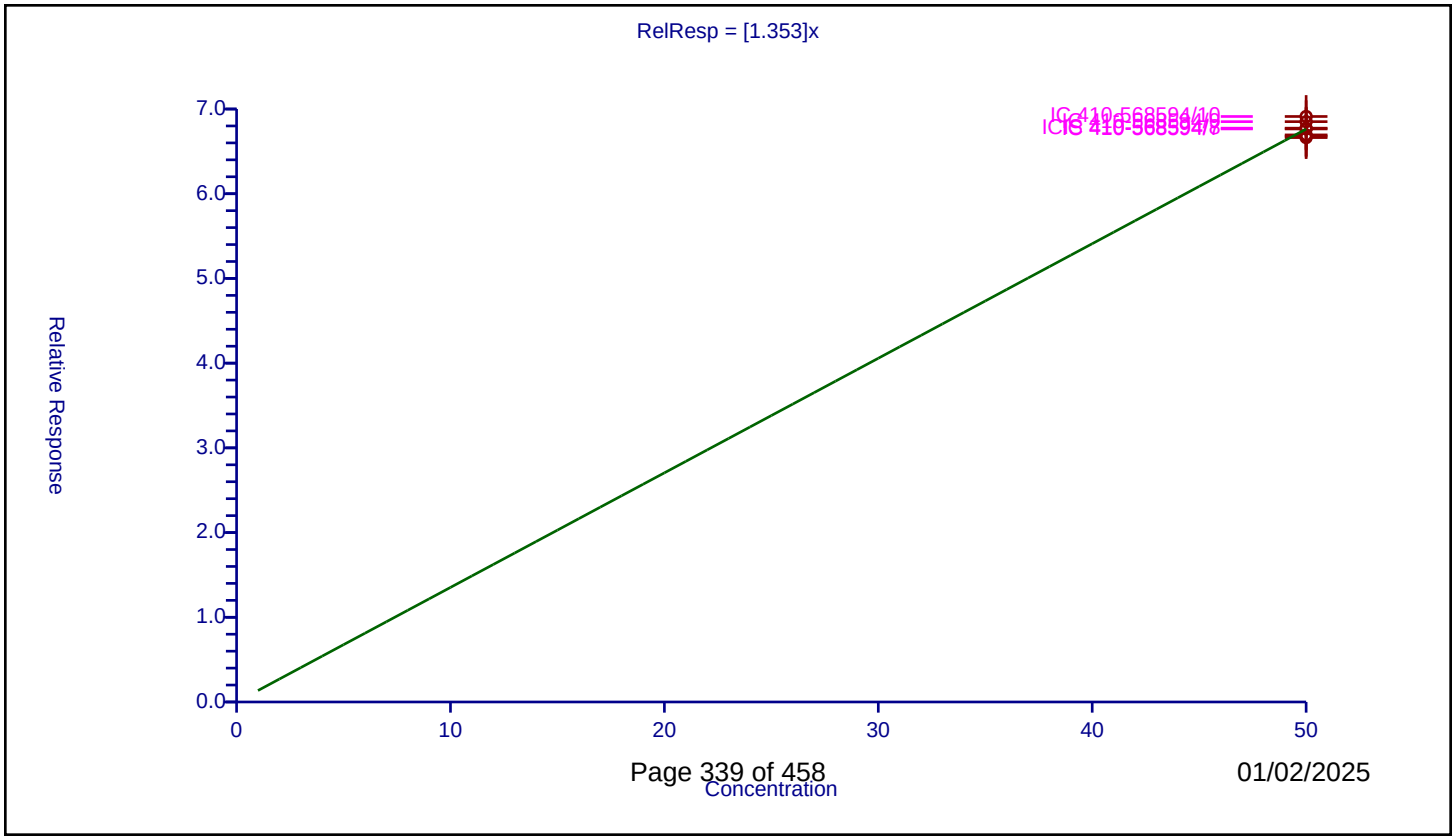
Curve Coefficients

Intercept:	0
Slope:	1.353

Error Coefficients

Relative Standard Deviation:	1.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	50.0	66.802449	50.0	342215.0	1.336049	Y
2	IC 410-568594/5	50.0	66.624785	50.0	342236.0	1.332496	Y
3	IC 410-568594/6	50.0	66.942079	50.0	350081.0	1.338842	Y
4	IC 410-568594/7	50.0	67.647424	50.0	354233.0	1.352948	Y
5	ICIS 410-568594/8	50.0	67.740596	50.0	420372.0	1.354812	Y
6	IC 410-568594/9	50.0	68.507234	50.0	378425.0	1.370145	Y
7	IC 410-568594/10	50.0	69.118871	50.0	467389.0	1.382377	Y



Calibration / Toluene

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

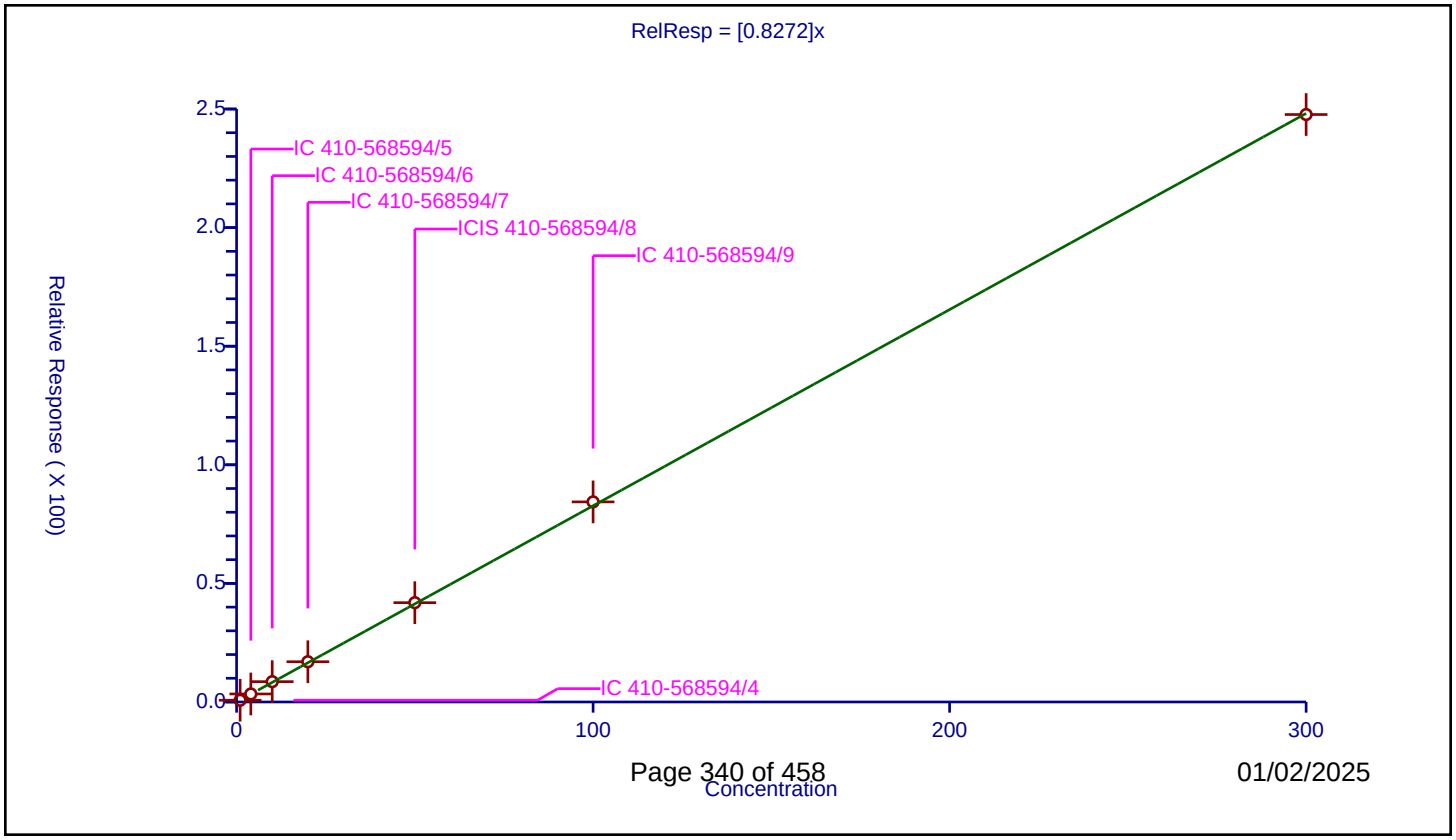
Curve Coefficients

Intercept:	0
Slope:	0.8272

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.732727	50.0	342215.0	0.732727	Y
2	IC 410-568594/5	4.0	3.381292	50.0	342236.0	0.845323	Y
3	IC 410-568594/6	10.0	8.568017	50.0	350081.0	0.856802	Y
4	IC 410-568594/7	20.0	16.974562	50.0	354233.0	0.848728	Y
5	ICIS 410-568594/8	50.0	41.876005	50.0	420372.0	0.83752	Y
6	IC 410-568594/9	100.0	84.357138	50.0	378425.0	0.843571	Y
7	IC 410-568594/10	300.0	247.675919	50.0	467389.0	0.825586	Y



Calibration / trans-1,3-Dichloropropene

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

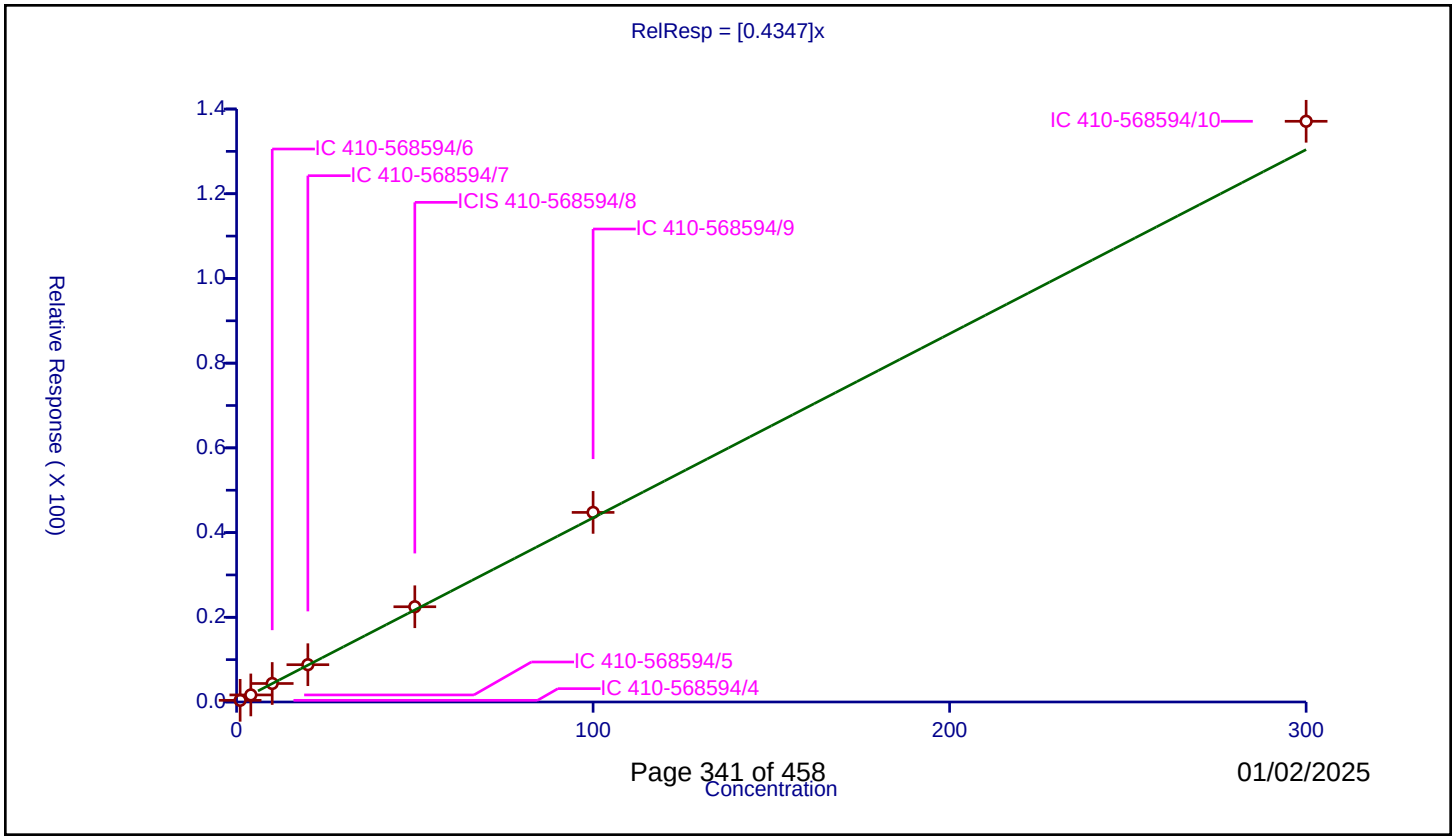
Curve Coefficients

Intercept:	0
Slope:	0.4347

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.395658	50.0	342215.0	0.395658	Y
2	IC 410-568594/5	4.0	1.664787	50.0	342236.0	0.416197	Y
3	IC 410-568594/6	10.0	4.367132	50.0	350081.0	0.436713	Y
4	IC 410-568594/7	20.0	8.804798	50.0	354233.0	0.44024	Y
5	ICIS 410-568594/8	50.0	22.483419	50.0	420372.0	0.449668	Y
6	IC 410-568594/9	100.0	44.763031	50.0	378425.0	0.44763	Y
7	IC 410-568594/10	300.0	137.106457	50.0	467389.0	0.457022	Y



Calibration / Ethyl methacrylate

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

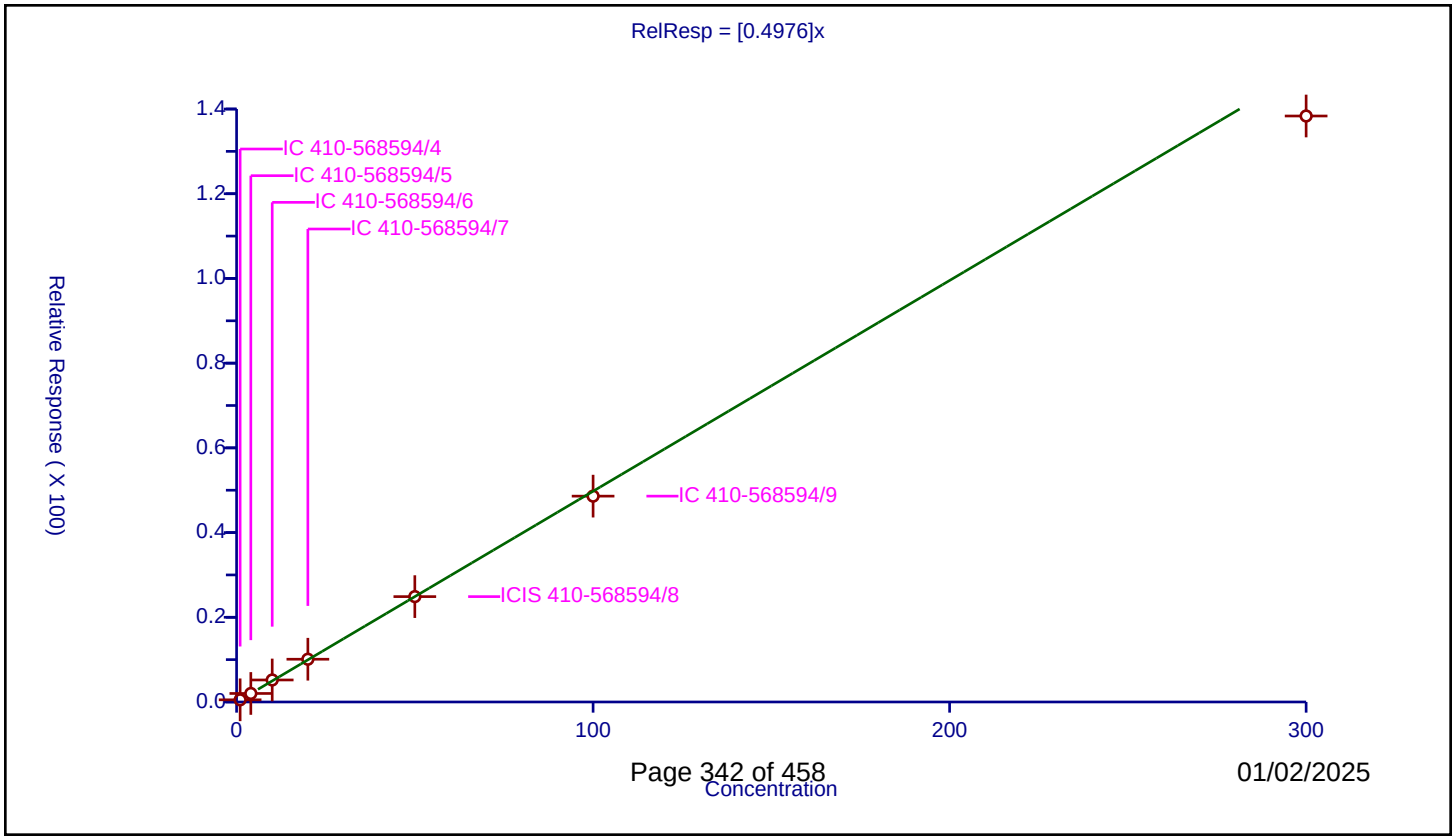
Curve Coefficients

Intercept:	0
Slope:	0.4976

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.51079	50.0	342215.0	0.51079	Y
2	IC 410-568594/5	4.0	2.010601	50.0	342236.0	0.50265	Y
3	IC 410-568594/6	10.0	5.200082	50.0	350081.0	0.520008	Y
4	IC 410-568594/7	20.0	10.098015	50.0	354233.0	0.504901	Y
5	ICIS 410-568594/8	50.0	24.87963	50.0	420372.0	0.497593	Y
6	IC 410-568594/9	100.0	48.604611	50.0	378425.0	0.486046	Y
7	IC 410-568594/10	300.0	138.352957	50.0	467389.0	0.461177	Y



Calibration / 1,1,2-Trichloroethane

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

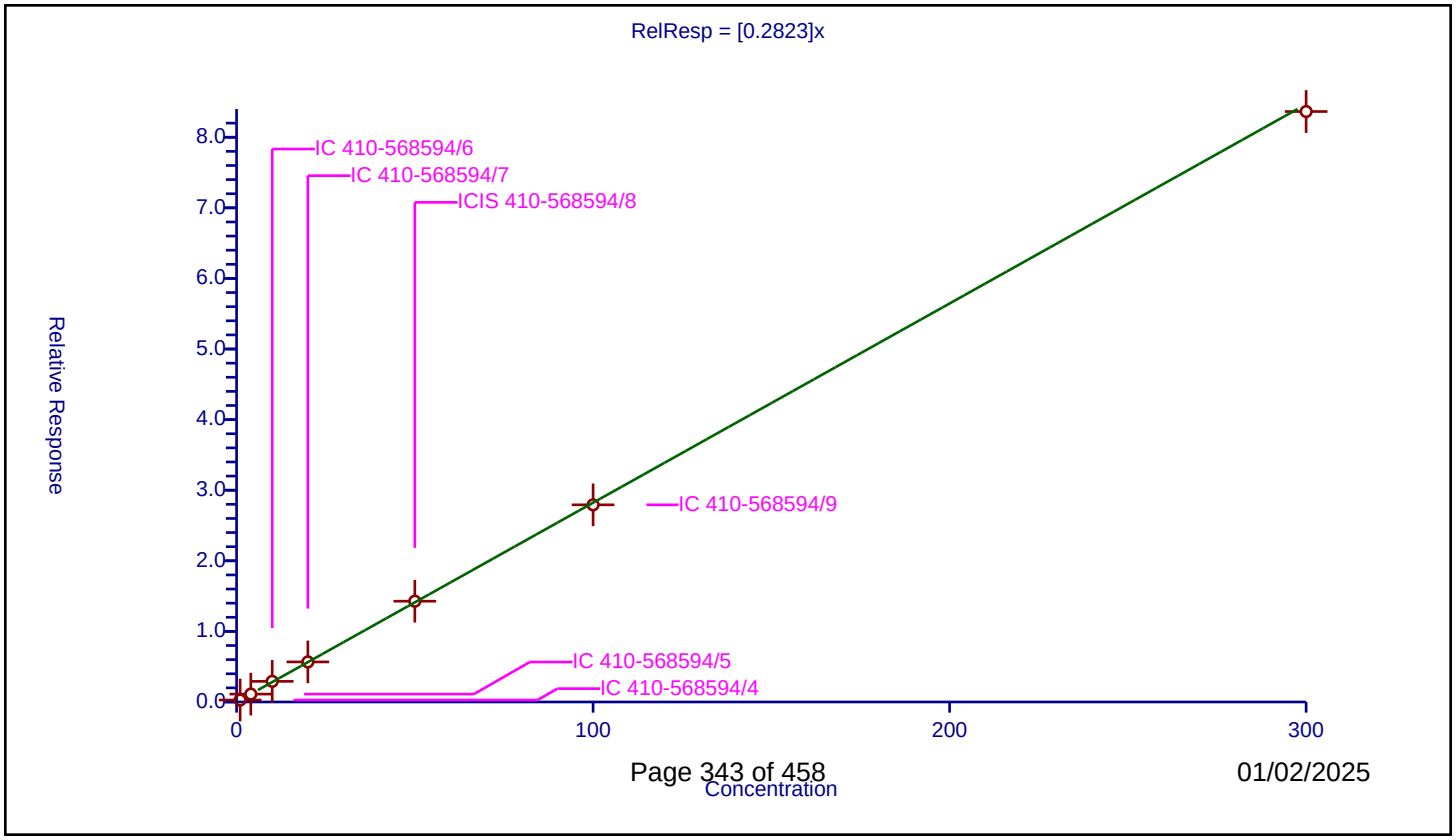
Curve Coefficients

Intercept:	0
Slope:	0.2823

Error Coefficients

Relative Standard Deviation:	1.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.277019	50.0	342215.0	0.277019	Y
2	IC 410-568594/5	4.0	1.116481	50.0	342236.0	0.27912	Y
3	IC 410-568594/6	10.0	2.922181	50.0	350081.0	0.292218	Y
4	IC 410-568594/7	20.0	5.676913	50.0	354233.0	0.283846	Y
5	ICIS 410-568594/8	50.0	14.277711	50.0	420372.0	0.285554	Y
6	IC 410-568594/9	100.0	27.92852	50.0	378425.0	0.279285	Y
7	IC 410-568594/10	300.0	83.64478	50.0	467389.0	0.278816	Y



Calibration / Tetrachloroethene

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

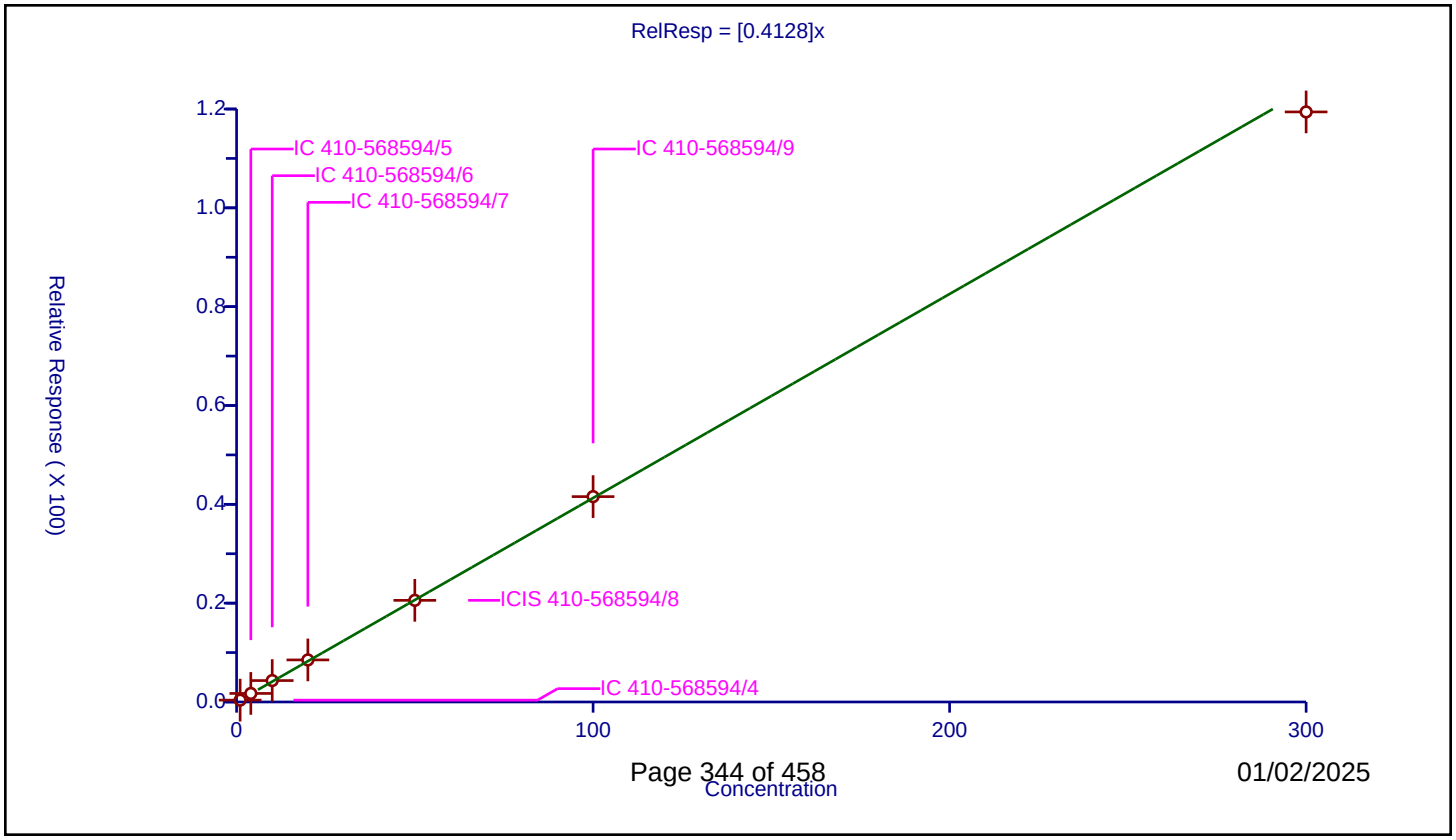
Curve Coefficients

Intercept:	0
Slope:	0.4128

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.373596	50.0	342215.0	0.373596	Y
2	IC 410-568594/5	4.0	1.728924	50.0	342236.0	0.432231	Y
3	IC 410-568594/6	10.0	4.333997	50.0	350081.0	0.4334	Y
4	IC 410-568594/7	20.0	8.511488	50.0	354233.0	0.425574	Y
5	ICIS 410-568594/8	50.0	20.569757	50.0	420372.0	0.411395	Y
6	IC 410-568594/9	100.0	41.561736	50.0	378425.0	0.415617	Y
7	IC 410-568594/10	300.0	119.414128	50.0	467389.0	0.398047	Y



Calibration / 1,3-Dichloropropane

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

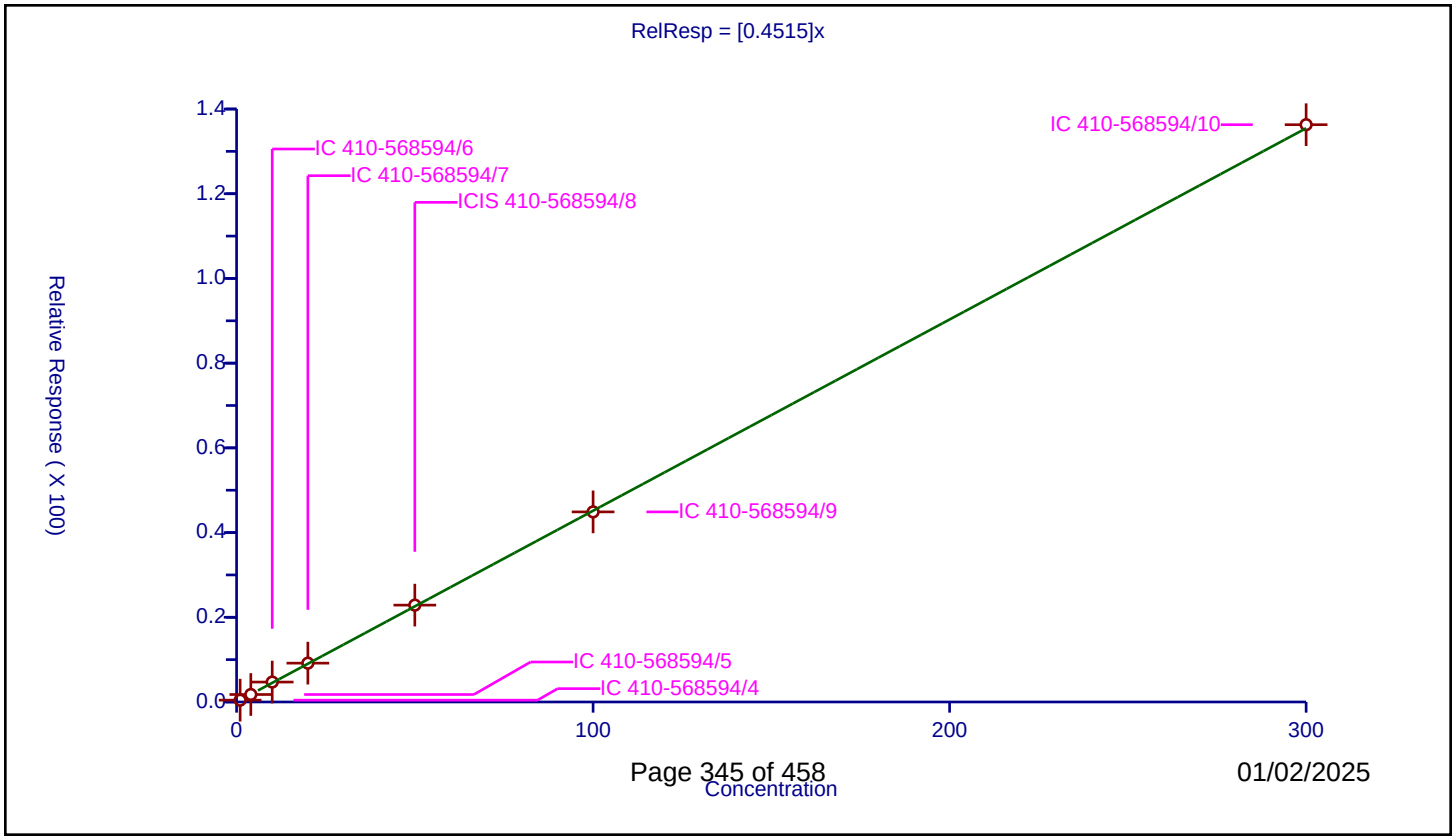
Curve Coefficients

Intercept:	0
Slope:	0.4515

Error Coefficients

Relative Standard Deviation:	2.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.429116	50.0	342215.0	0.429116	Y
2	IC 410-568594/5	4.0	1.768955	50.0	342236.0	0.442239	Y
3	IC 410-568594/6	10.0	4.705197	50.0	350081.0	0.47052	Y
4	IC 410-568594/7	20.0	9.166989	50.0	354233.0	0.458349	Y
5	ICIS 410-568594/8	50.0	22.869149	50.0	420372.0	0.457383	Y
6	IC 410-568594/9	100.0	44.881416	50.0	378425.0	0.448814	Y
7	IC 410-568594/10	300.0	136.298137	50.0	467389.0	0.454327	Y



Calibration / 2-Hexanone

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

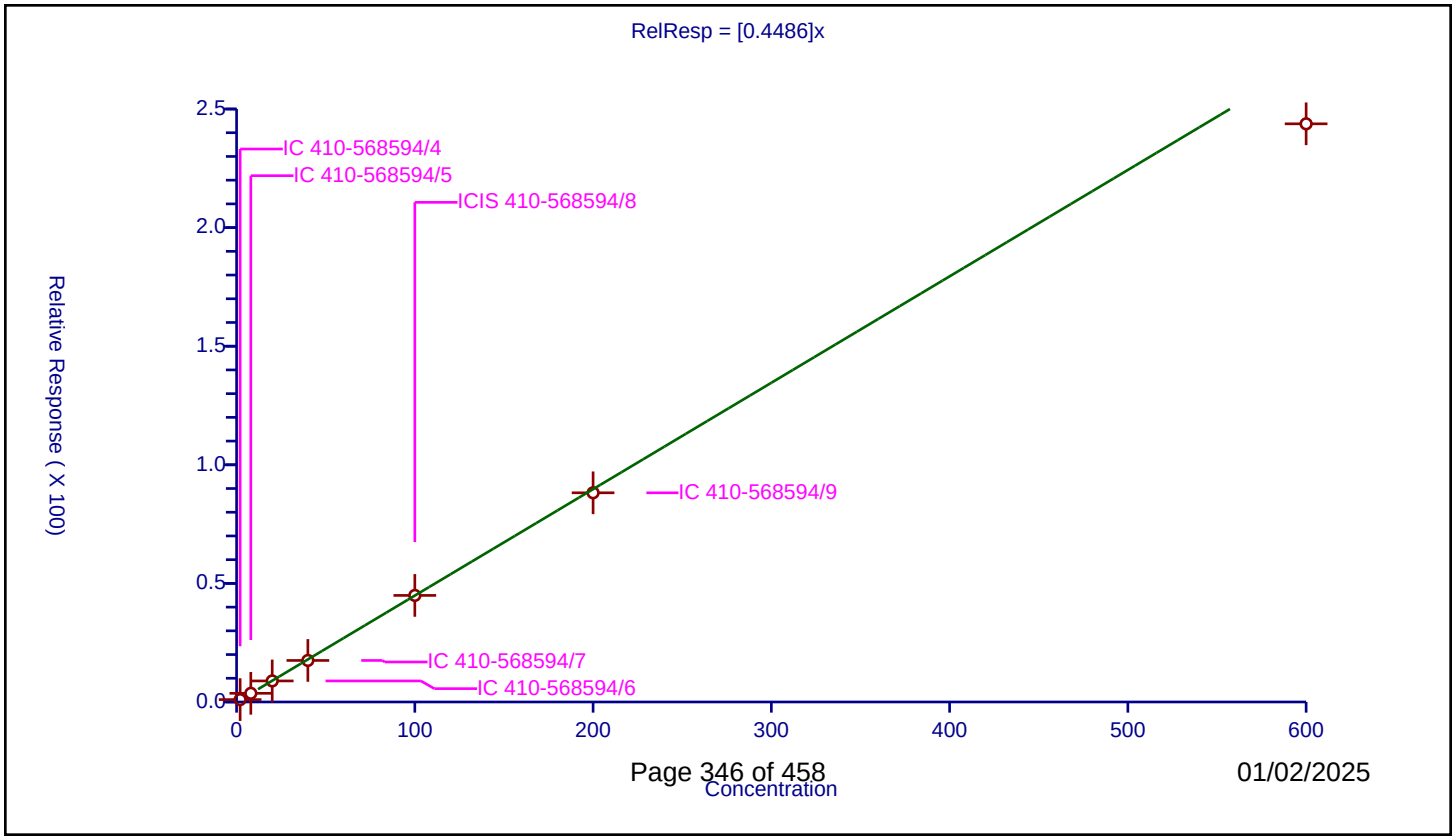
Curve Coefficients

Intercept:	0
Slope:	0.4486

Error Coefficients

Relative Standard Deviation:	6.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.0	1.010622	50.0	342215.0	0.505311	Y
2	IC 410-568594/5	8.0	3.656541	50.0	342236.0	0.457068	Y
3	IC 410-568594/6	20.0	8.873232	50.0	350081.0	0.443662	Y
4	IC 410-568594/7	40.0	17.507262	50.0	354233.0	0.437682	Y
5	ICIS 410-568594/8	100.0	44.928539	50.0	420372.0	0.449285	Y
6	IC 410-568594/9	200.0	88.196472	50.0	378425.0	0.440982	Y
7	IC 410-568594/10	600.0	243.765151	50.0	467389.0	0.406275	Y



Calibration / Chlorodibromomethane

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

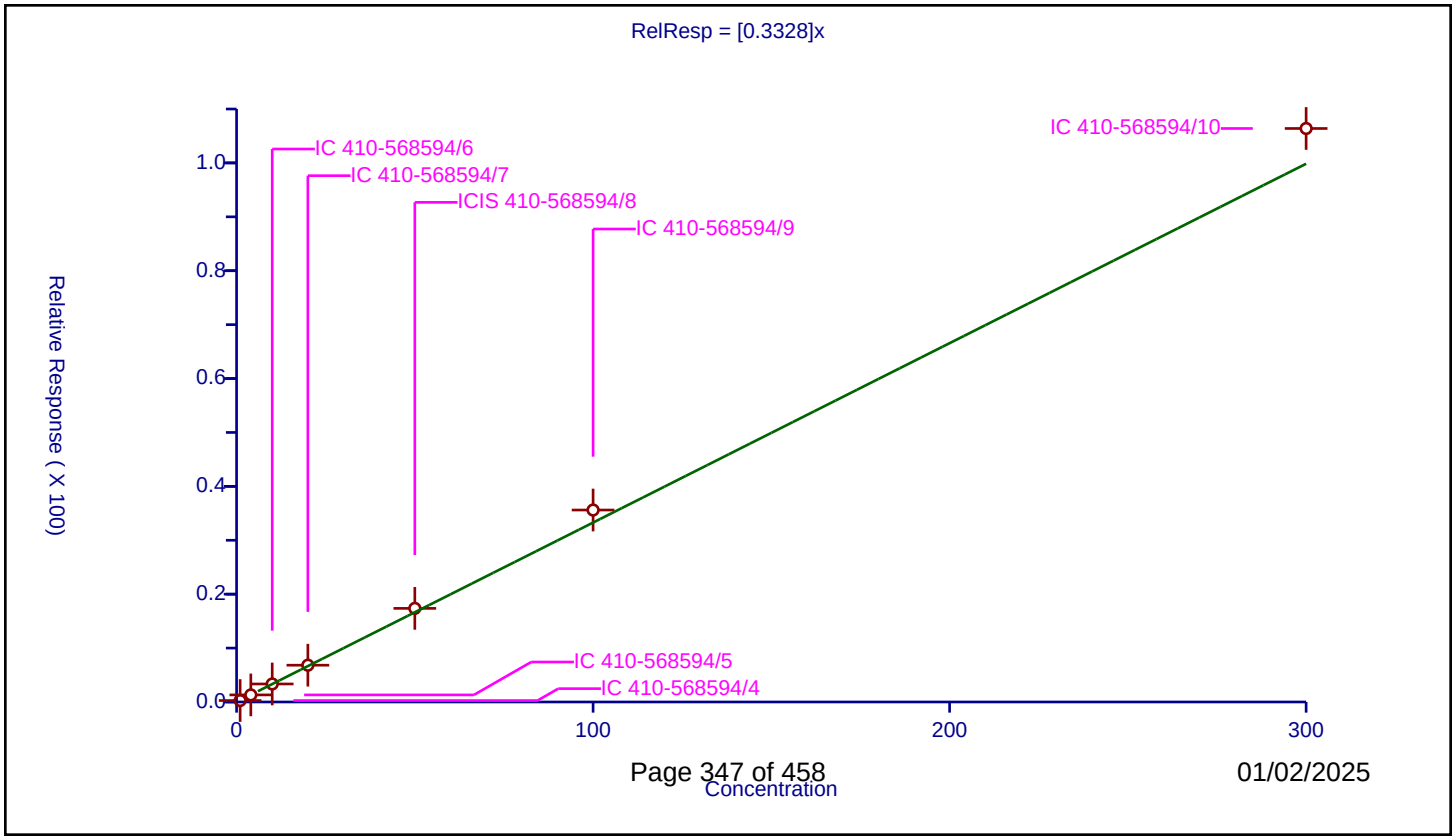
Curve Coefficients

Intercept:	0
Slope:	0.3328

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.267522	50.0	342215.0	0.267522	Y
2	IC 410-568594/5	4.0	1.31532	50.0	342236.0	0.32883	Y
3	IC 410-568594/6	10.0	3.341941	50.0	350081.0	0.334194	Y
4	IC 410-568594/7	20.0	6.823193	50.0	354233.0	0.34116	Y
5	ICIS 410-568594/8	50.0	17.36343	50.0	420372.0	0.347269	Y
6	IC 410-568594/9	100.0	35.610227	50.0	378425.0	0.356102	Y
7	IC 410-568594/10	300.0	106.388148	50.0	467389.0	0.354627	Y



01/02/2025

Calibration / Ethylene Dibromide

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

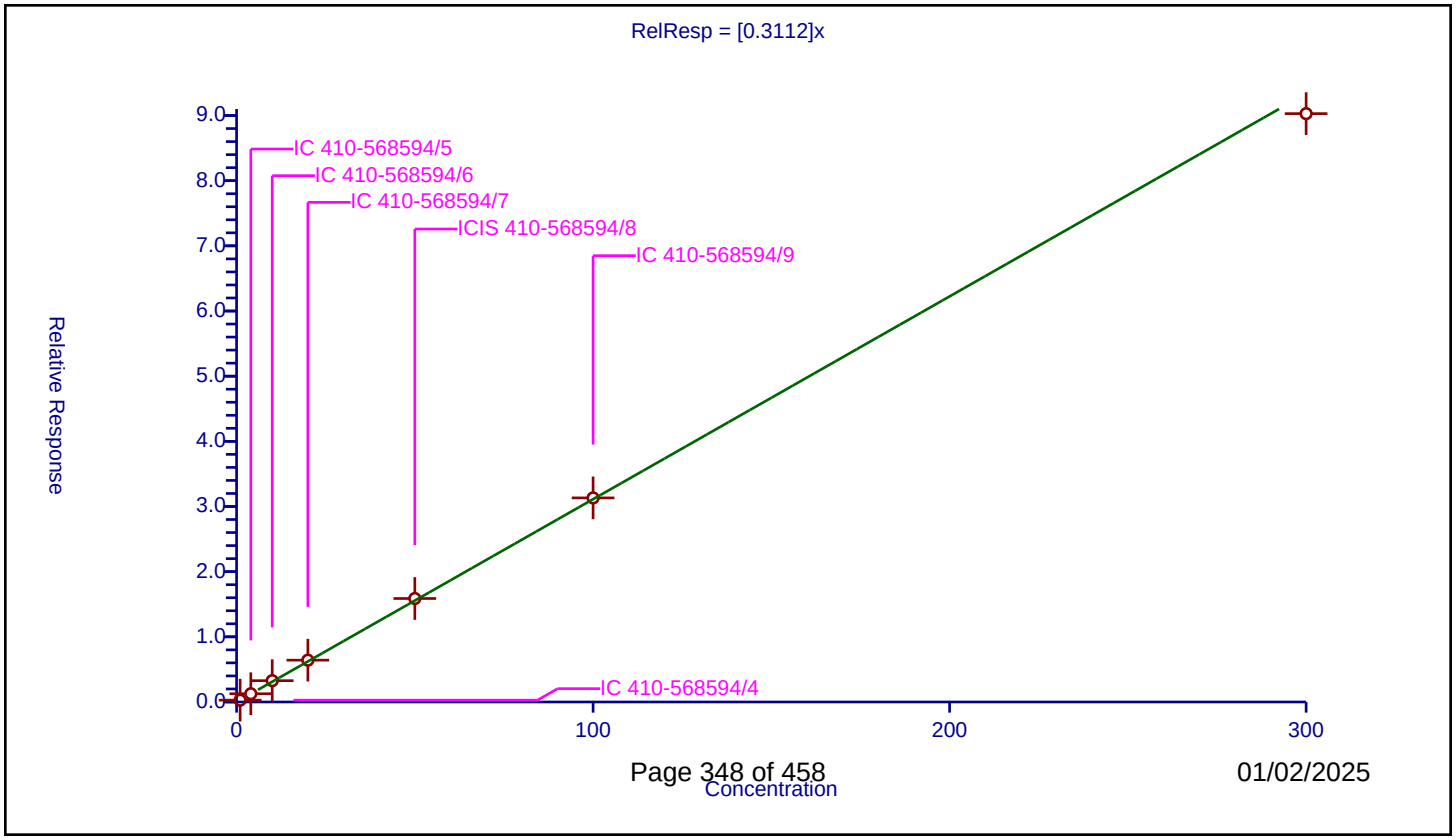
Curve Coefficients

Intercept:	0
Slope:	0.3112

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.281986	50.0	342215.0	0.281986	Y
2	IC 410-568594/5	4.0	1.266378	50.0	342236.0	0.316594	Y
3	IC 410-568594/6	10.0	3.272671	50.0	350081.0	0.327267	Y
4	IC 410-568594/7	20.0	6.417527	50.0	354233.0	0.320876	Y
5	ICIS 410-568594/8	50.0	15.878912	50.0	420372.0	0.317578	Y
6	IC 410-568594/9	100.0	31.31902	50.0	378425.0	0.31319	Y
7	IC 410-568594/10	300.0	90.291492	50.0	467389.0	0.300972	Y



Calibration / Chlorobenzene

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

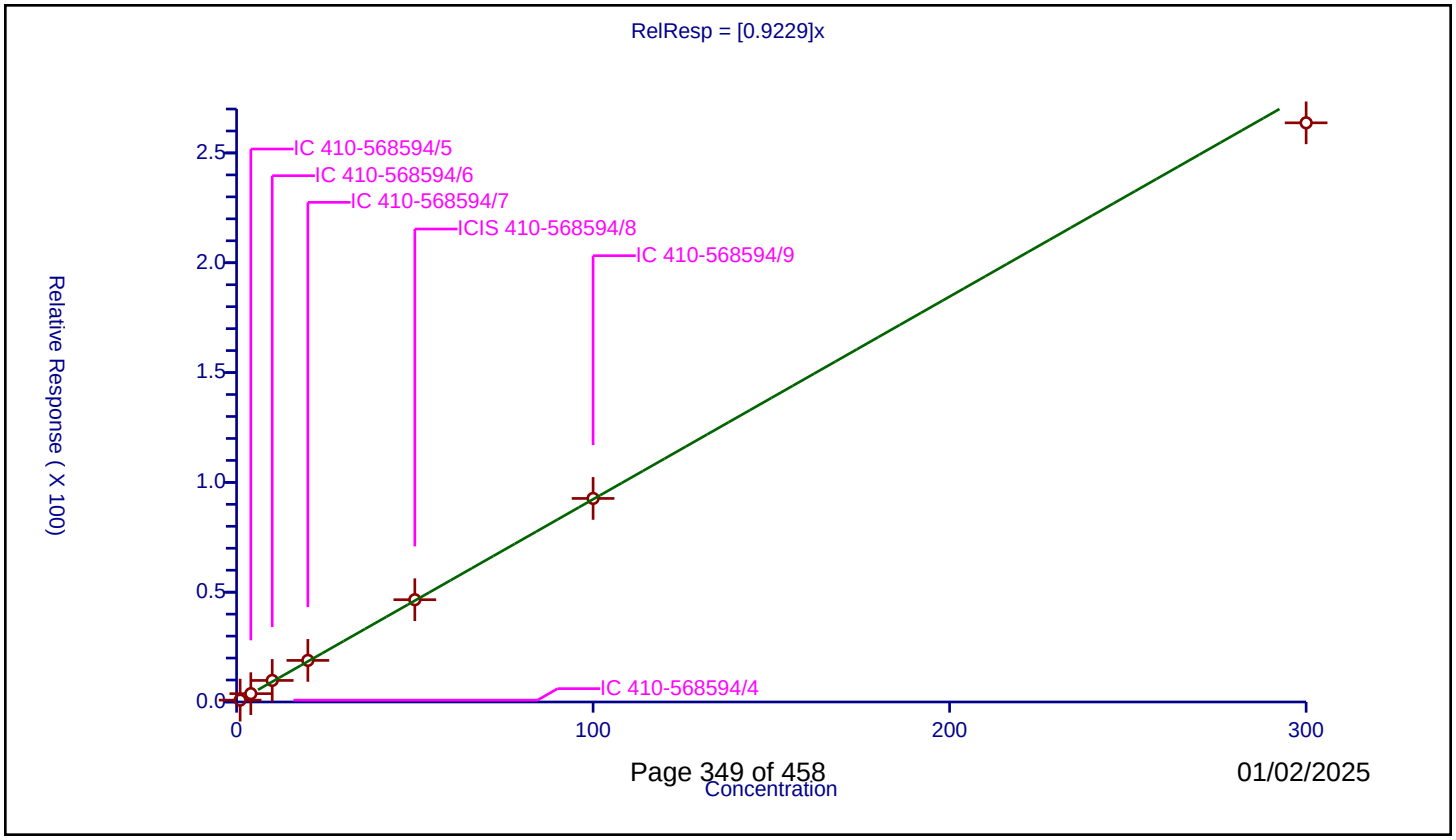
Curve Coefficients

Intercept:	0
Slope:	0.9229

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.84669	50.0	342215.0	0.84669	Y
2	IC 410-568594/5	4.0	3.791974	50.0	342236.0	0.947993	Y
3	IC 410-568594/6	10.0	9.8163	50.0	350081.0	0.98163	Y
4	IC 410-568594/7	20.0	18.940358	50.0	354233.0	0.947018	Y
5	ICIS 410-568594/8	50.0	46.566731	50.0	420372.0	0.931335	Y
6	IC 410-568594/9	100.0	92.690493	50.0	378425.0	0.926905	Y
7	IC 410-568594/10	300.0	263.710742	50.0	467389.0	0.879036	Y



Calibration / 1-Chlorohexane

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

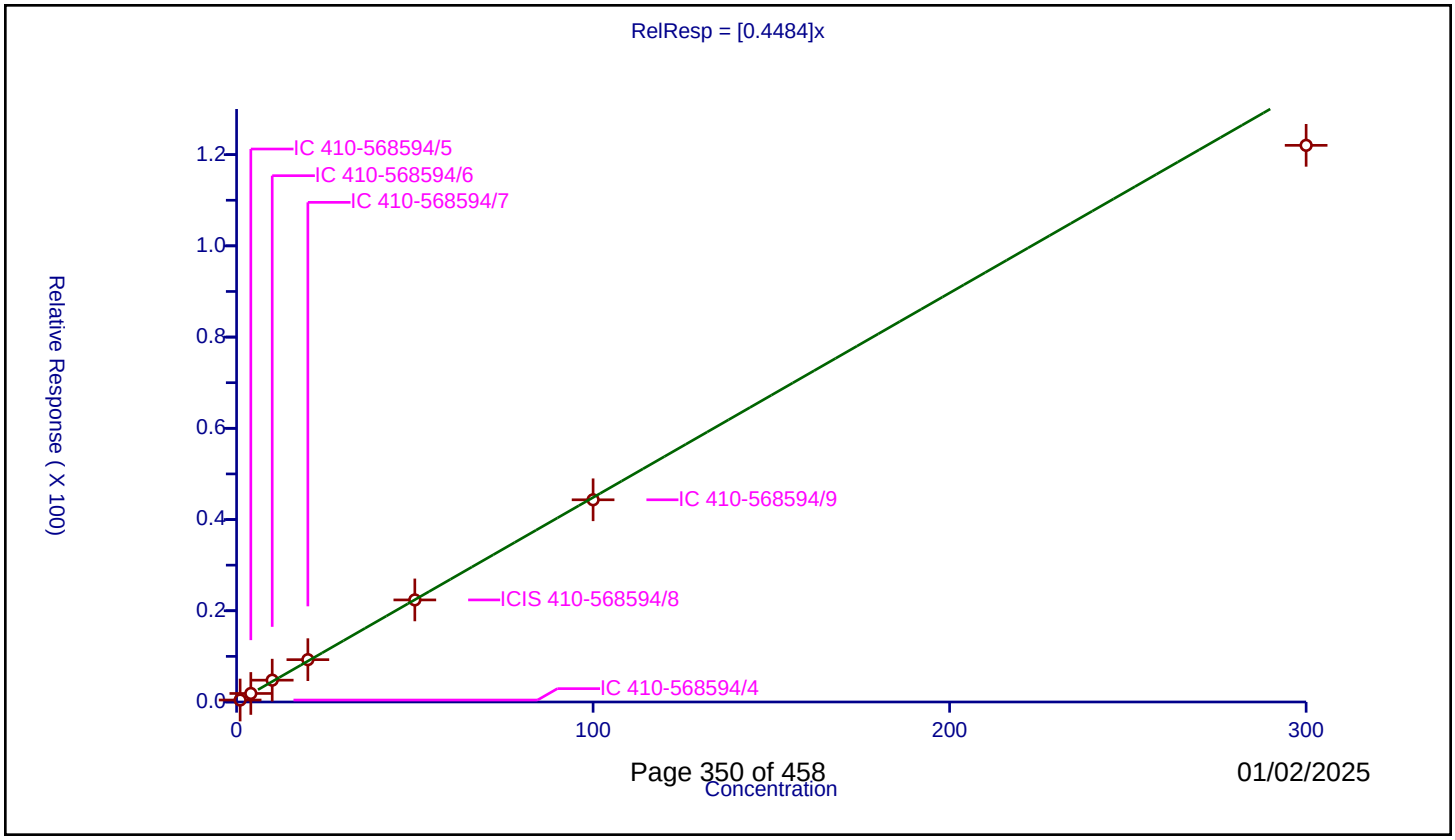
Curve Coefficients

Intercept:	0
Slope:	0.4484

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.431162	50.0	342215.0	0.431162	Y
2	IC 410-568594/5	4.0	1.868594	50.0	342236.0	0.467148	Y
3	IC 410-568594/6	10.0	4.787463	50.0	350081.0	0.478746	Y
4	IC 410-568594/7	20.0	9.278215	50.0	354233.0	0.463911	Y
5	ICIS 410-568594/8	50.0	22.377323	50.0	420372.0	0.447546	Y
6	IC 410-568594/9	100.0	44.330316	50.0	378425.0	0.443303	Y
7	IC 410-568594/10	300.0	122.039351	50.0	467389.0	0.406798	Y



Calibration / 1,1,1,2-Tetrachloroethane

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

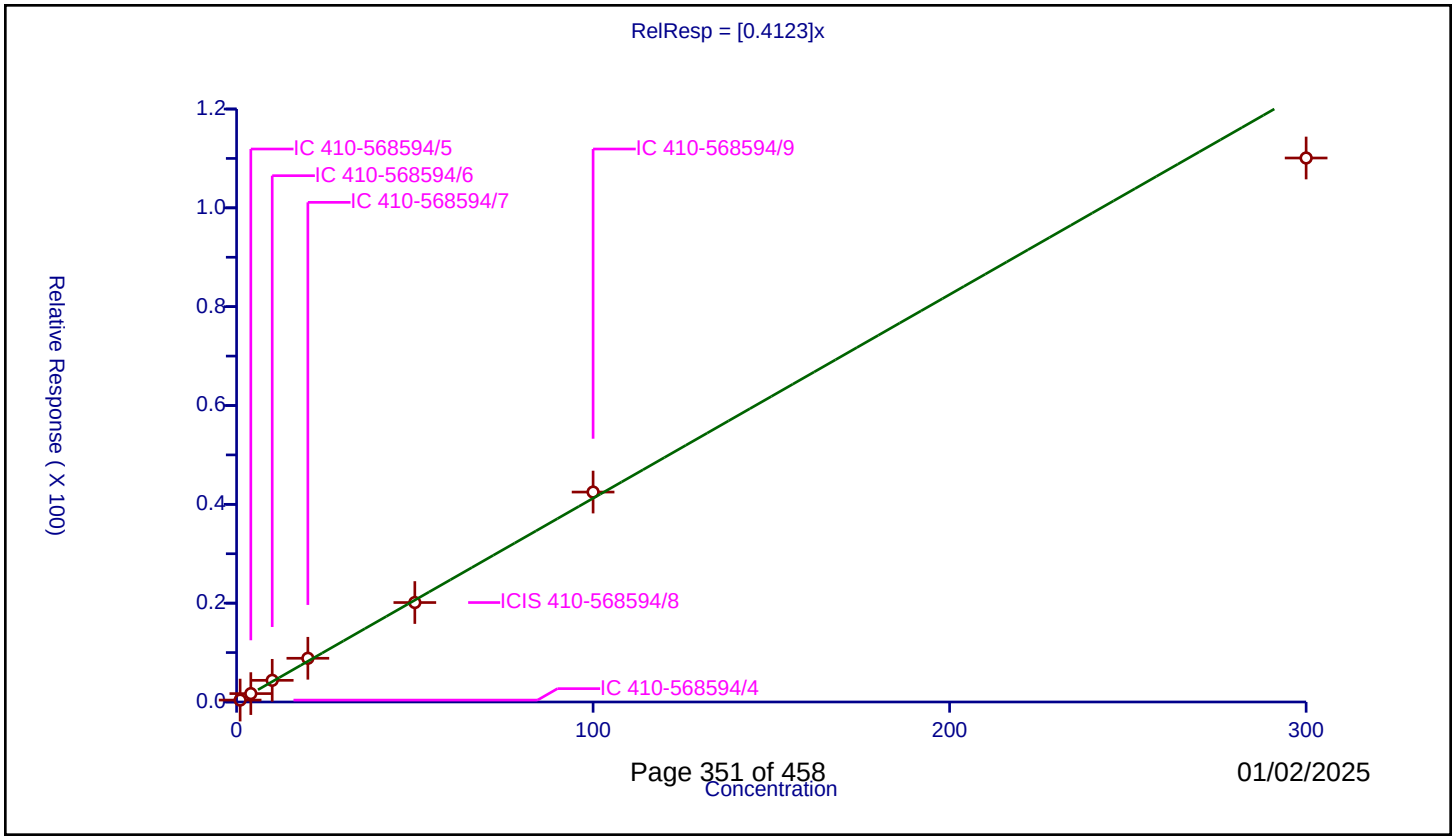
Curve Coefficients

Intercept:	0
Slope:	0.4123

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.387183	50.0	342215.0	0.387183	Y
2	IC 410-568594/5	4.0	1.695175	50.0	342236.0	0.423794	Y
3	IC 410-568594/6	10.0	4.382129	50.0	350081.0	0.438213	Y
4	IC 410-568594/7	20.0	8.84559	50.0	354233.0	0.44228	Y
5	ICIS 410-568594/8	50.0	20.125032	50.0	420372.0	0.402501	Y
6	IC 410-568594/9	100.0	42.486094	50.0	378425.0	0.424861	Y
7	IC 410-568594/10	300.0	110.087315	50.0	467389.0	0.366958	Y



Calibration / Ethylbenzene

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

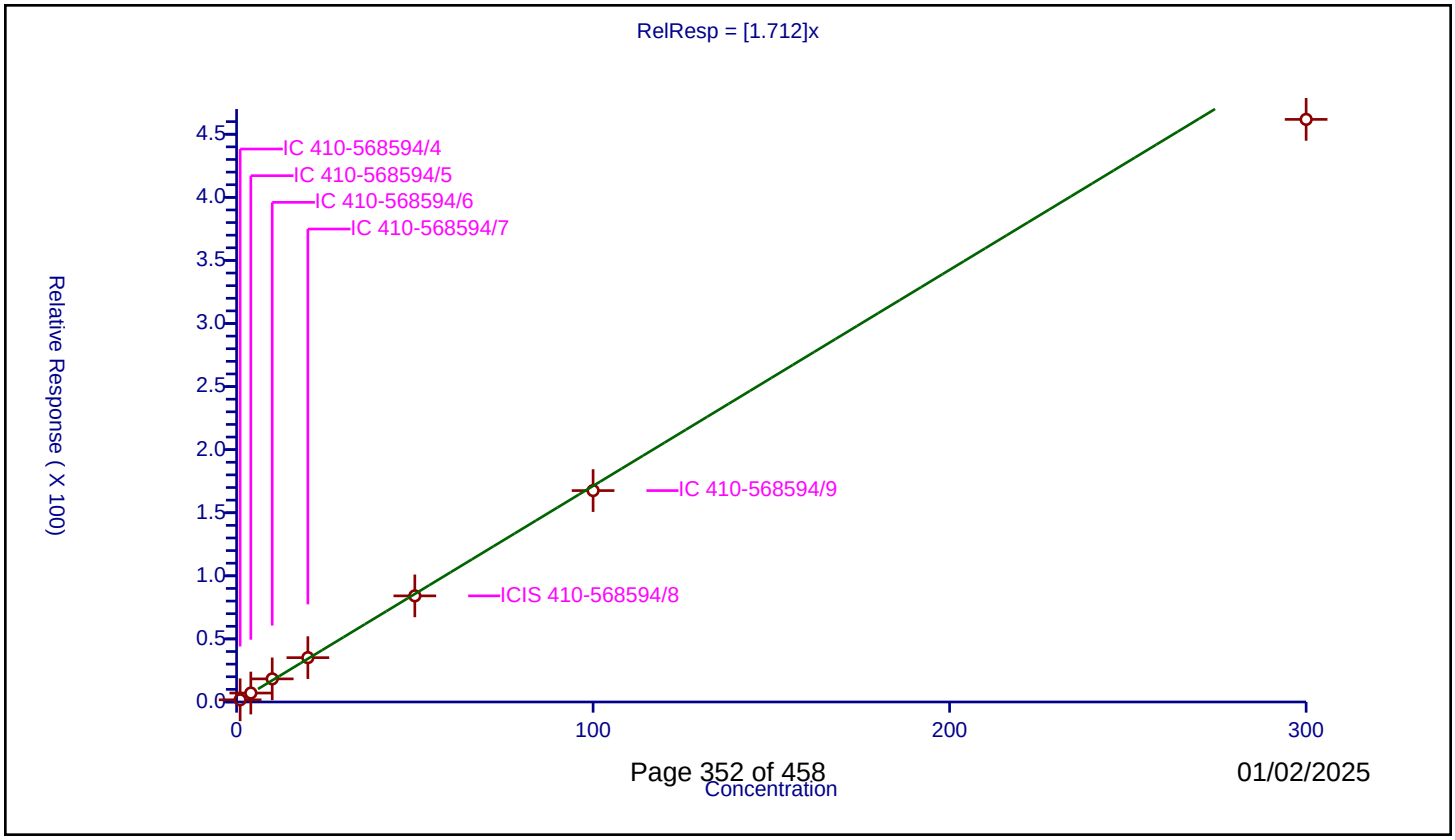
Curve Coefficients

Intercept:	0
Slope:	1.712

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.726108	50.0	342215.0	1.726108	Y
2	IC 410-568594/5	4.0	7.10051	50.0	342236.0	1.775127	Y
3	IC 410-568594/6	10.0	18.322474	50.0	350081.0	1.832247	Y
4	IC 410-568594/7	20.0	35.134643	50.0	354233.0	1.756732	Y
5	ICIS 410-568594/8	50.0	84.114665	50.0	420372.0	1.682293	Y
6	IC 410-568594/9	100.0	167.564643	50.0	378425.0	1.675646	Y
7	IC 410-568594/10	300.0	461.769532	50.0	467389.0	1.539232	Y



Calibration / m-Xylene & p-Xylene

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

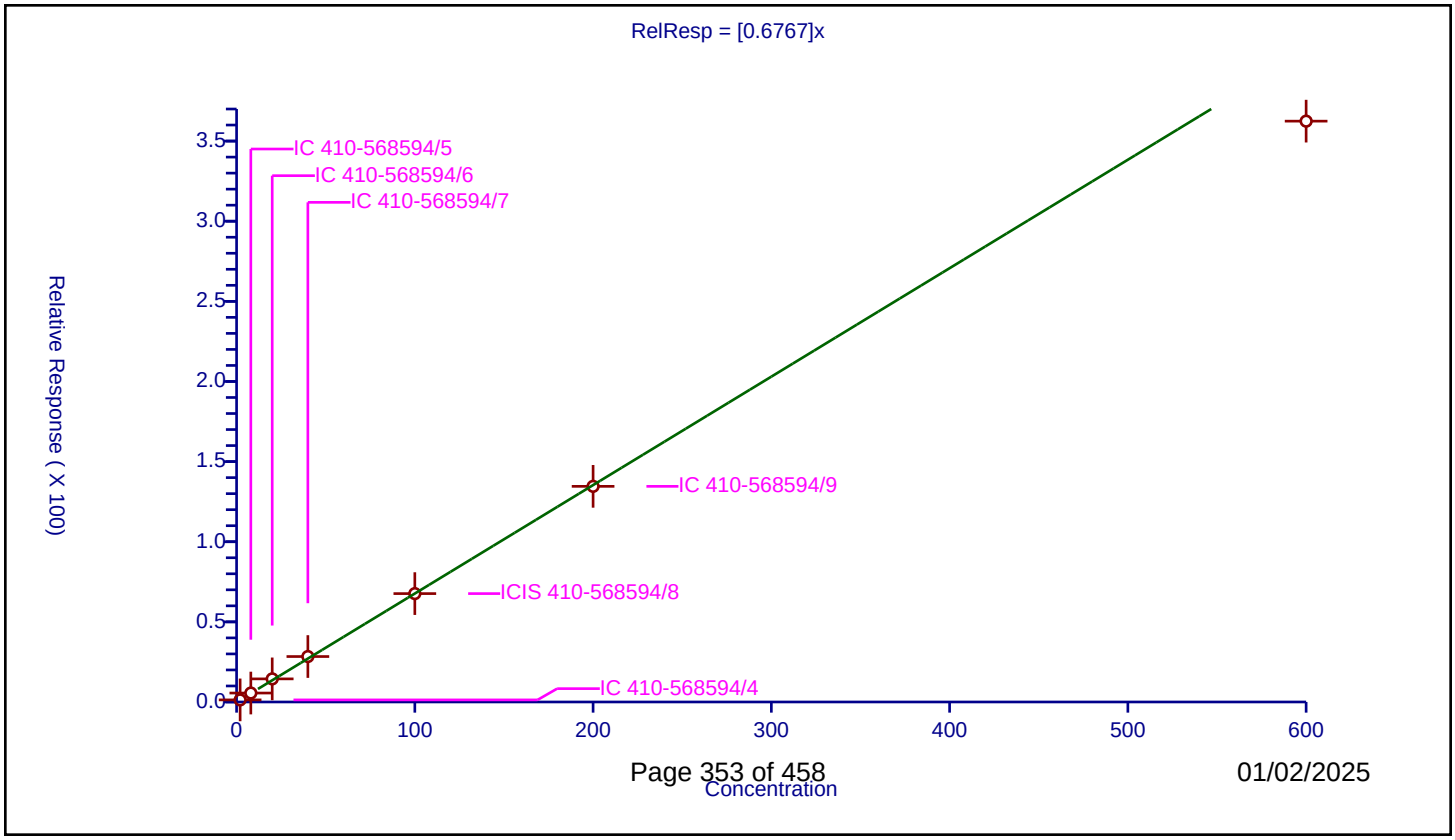
Curve Coefficients

Intercept:	0
Slope:	0.6767

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.0	1.31394	50.0	342215.0	0.65697	Y
2	IC 410-568594/5	8.0	5.579191	50.0	342236.0	0.697399	Y
3	IC 410-568594/6	20.0	14.409808	50.0	350081.0	0.72049	Y
4	IC 410-568594/7	40.0	28.357042	50.0	354233.0	0.708926	Y
5	ICIS 410-568594/8	100.0	67.628672	50.0	420372.0	0.676287	Y
6	IC 410-568594/9	200.0	134.552157	50.0	378425.0	0.672761	Y
7	IC 410-568594/10	600.0	362.426159	50.0	467389.0	0.604044	Y



Calibration / o-Xylene

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

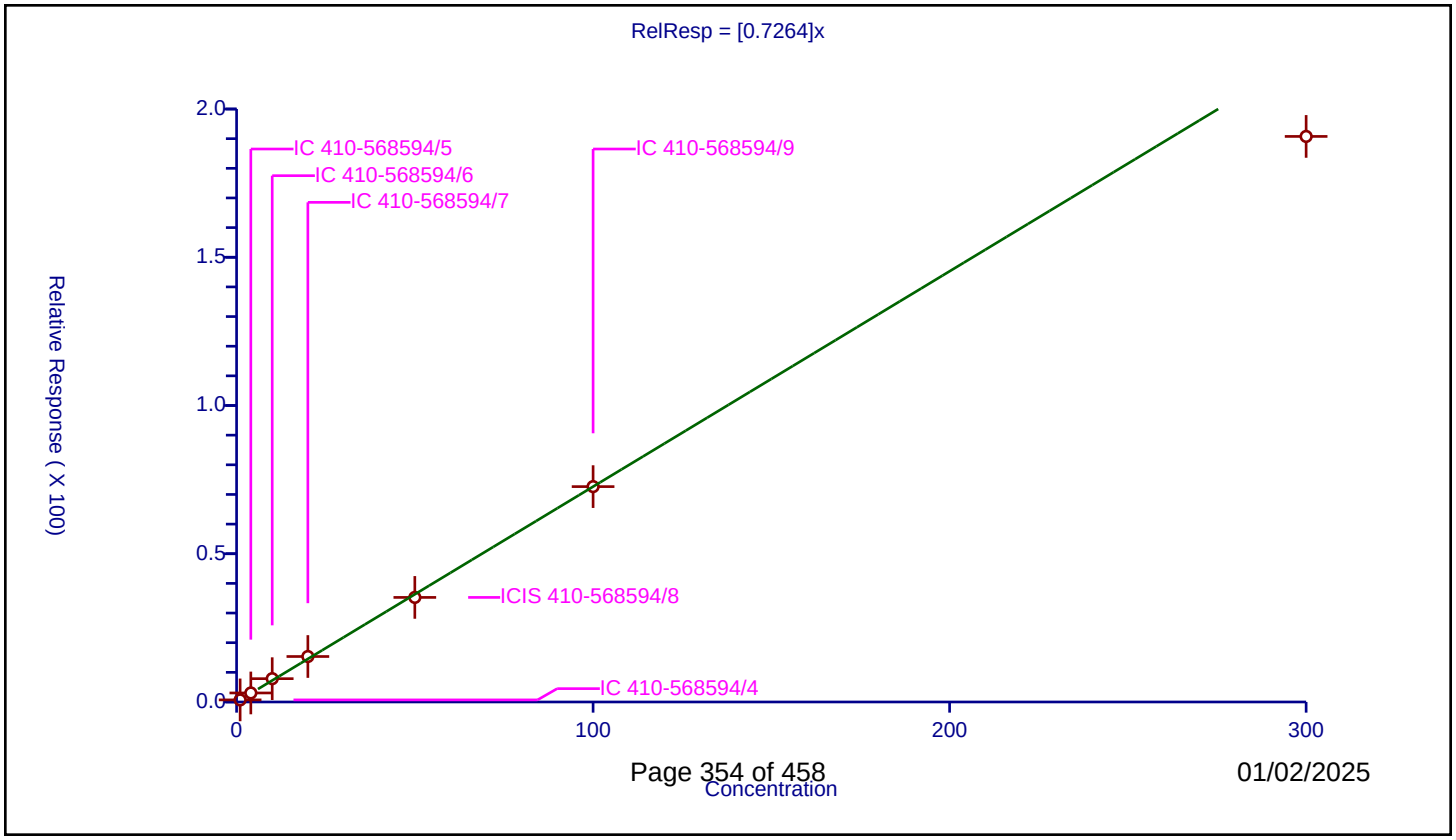
Curve Coefficients

Intercept:	0
Slope:	0.7264

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.703067	50.0	342215.0	0.703067	Y
2	IC 410-568594/5	4.0	3.040738	50.0	342236.0	0.760184	Y
3	IC 410-568594/6	10.0	7.867322	50.0	350081.0	0.786732	Y
4	IC 410-568594/7	20.0	15.341456	50.0	354233.0	0.767073	Y
5	ICIS 410-568594/8	50.0	35.26781	50.0	420372.0	0.705356	Y
6	IC 410-568594/9	100.0	72.637511	50.0	378425.0	0.726375	Y
7	IC 410-568594/10	300.0	190.751066	50.0	467389.0	0.635837	Y



Calibration / Styrene

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

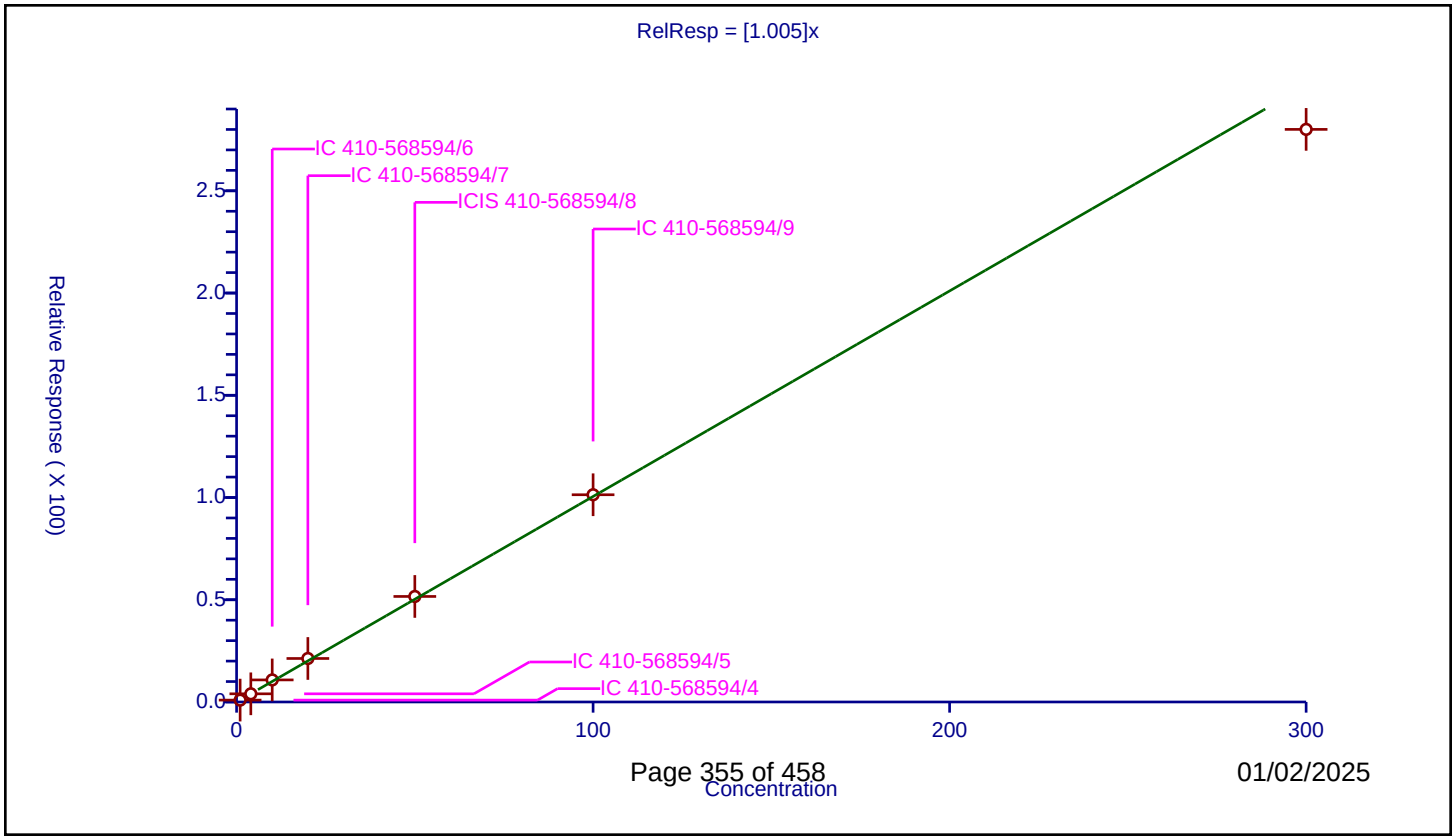
Curve Coefficients

Intercept:	0
Slope:	1.005

Error Coefficients

Relative Standard Deviation:	6.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.915652	50.0	342215.0	0.915652	Y
2	IC 410-568594/5	4.0	3.992274	50.0	342236.0	0.998069	Y
3	IC 410-568594/6	10.0	10.791931	50.0	350081.0	1.079193	Y
4	IC 410-568594/7	20.0	21.273145	50.0	354233.0	1.063657	Y
5	ICIS 410-568594/8	50.0	51.61143	50.0	420372.0	1.032229	Y
6	IC 410-568594/9	100.0	101.348484	50.0	378425.0	1.013485	Y
7	IC 410-568594/10	300.0	280.034725	50.0	467389.0	0.933449	Y



01/02/2025

Calibration / Bromoform

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

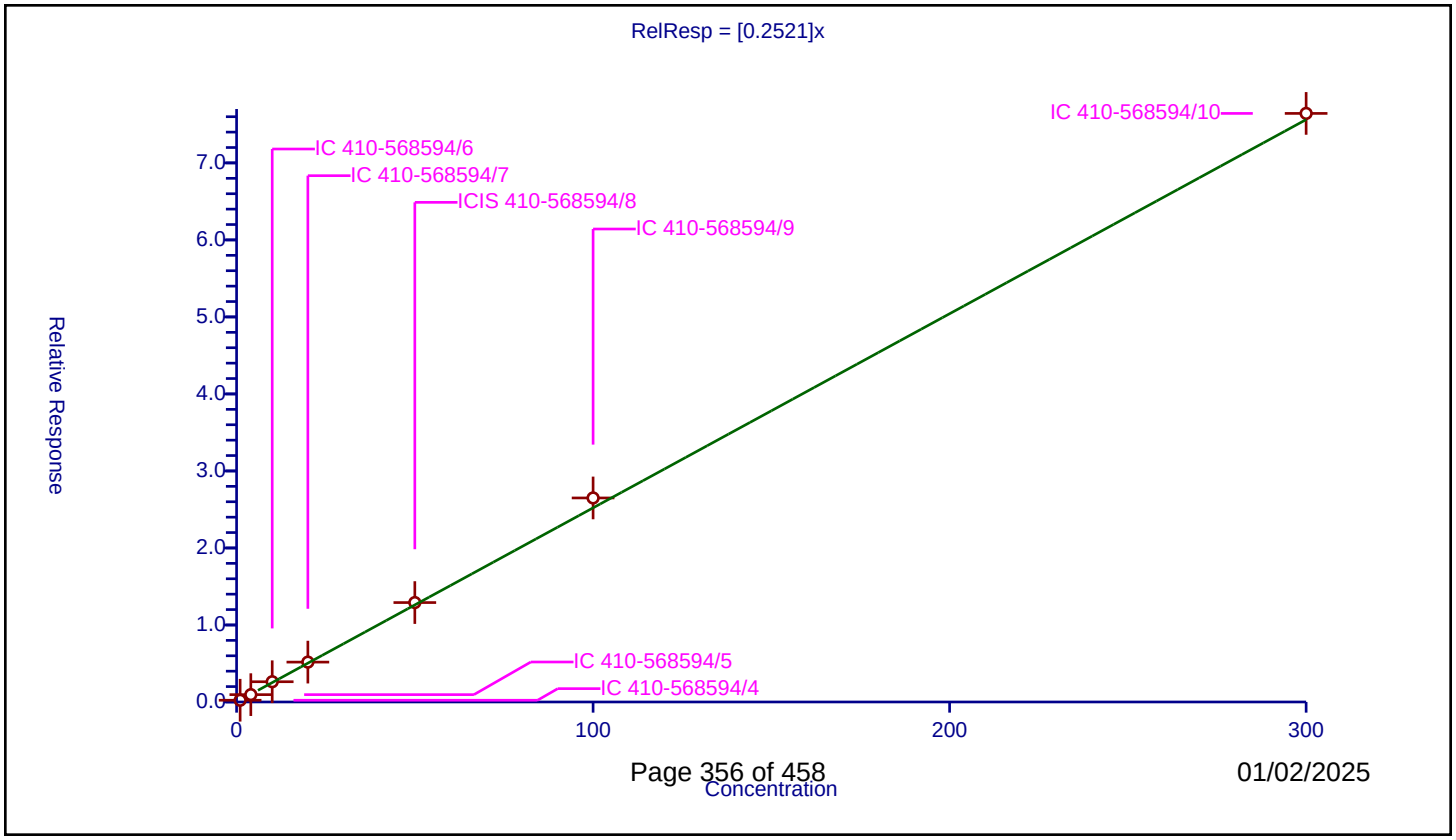
Curve Coefficients

Intercept:	0
Slope:	0.2521

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.226612	50.0	342215.0	0.226612	Y
2	IC 410-568594/5	4.0	0.952705	50.0	342236.0	0.238176	Y
3	IC 410-568594/6	10.0	2.629106	50.0	350081.0	0.262911	Y
4	IC 410-568594/7	20.0	5.178654	50.0	354233.0	0.258933	Y
5	ICIS 410-568594/8	50.0	12.912135	50.0	420372.0	0.258243	Y
6	IC 410-568594/9	100.0	26.494021	50.0	378425.0	0.26494	Y
7	IC 410-568594/10	300.0	76.430126	50.0	467389.0	0.254767	Y



01/02/2025

Calibration / Isopropylbenzene

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

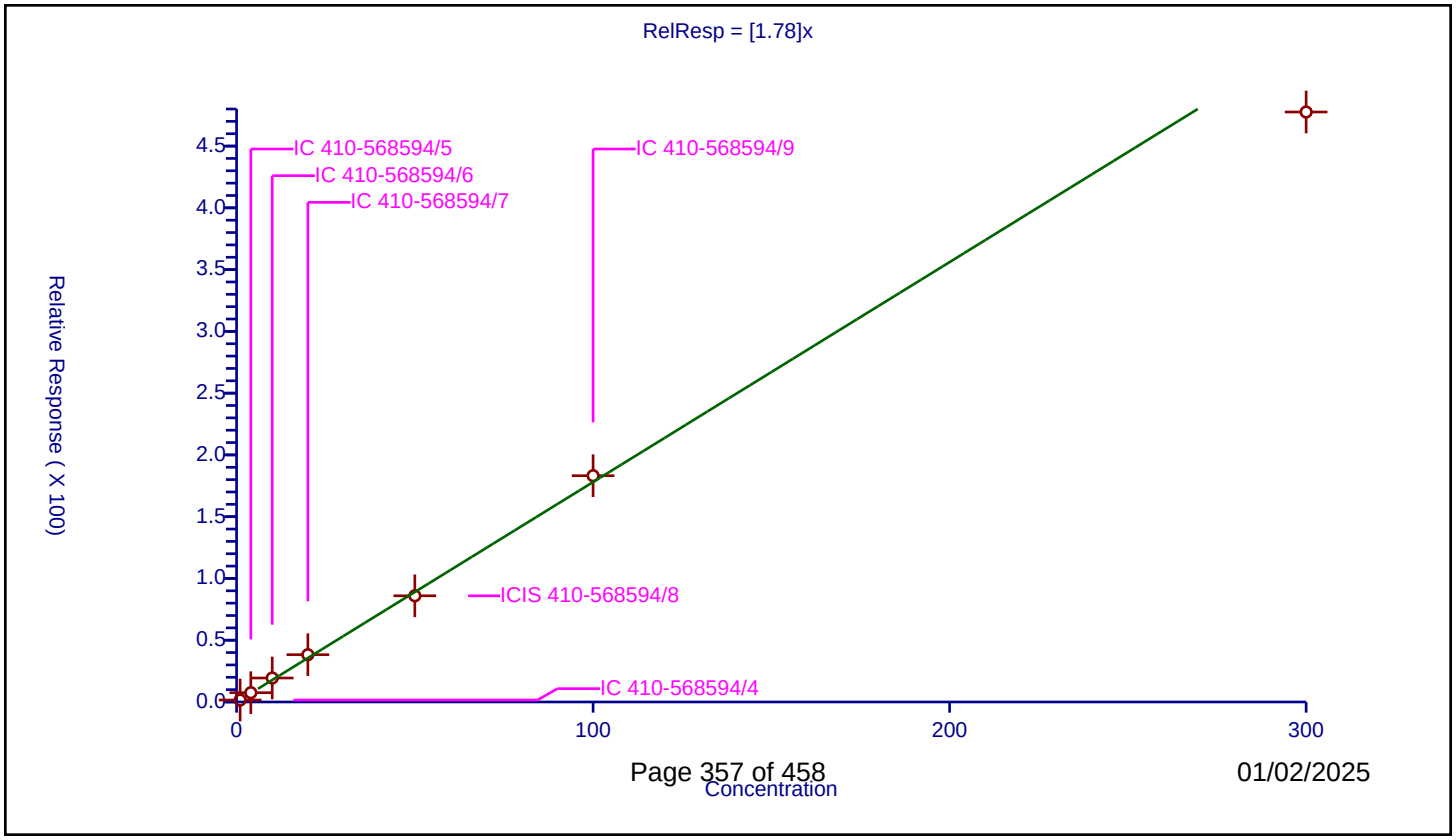
Curve Coefficients

Intercept:	0
Slope:	1.78

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.581754	50.0	342215.0	1.581754	Y
2	IC 410-568594/5	4.0	7.527554	50.0	342236.0	1.881889	Y
3	IC 410-568594/6	10.0	19.424933	50.0	350081.0	1.942493	Y
4	IC 410-568594/7	20.0	38.274808	50.0	354233.0	1.91374	Y
5	ICIS 410-568594/8	50.0	85.962433	50.0	420372.0	1.719249	Y
6	IC 410-568594/9	100.0	183.16932	50.0	378425.0	1.831693	Y
7	IC 410-568594/10	300.0	477.571573	50.0	467389.0	1.591905	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

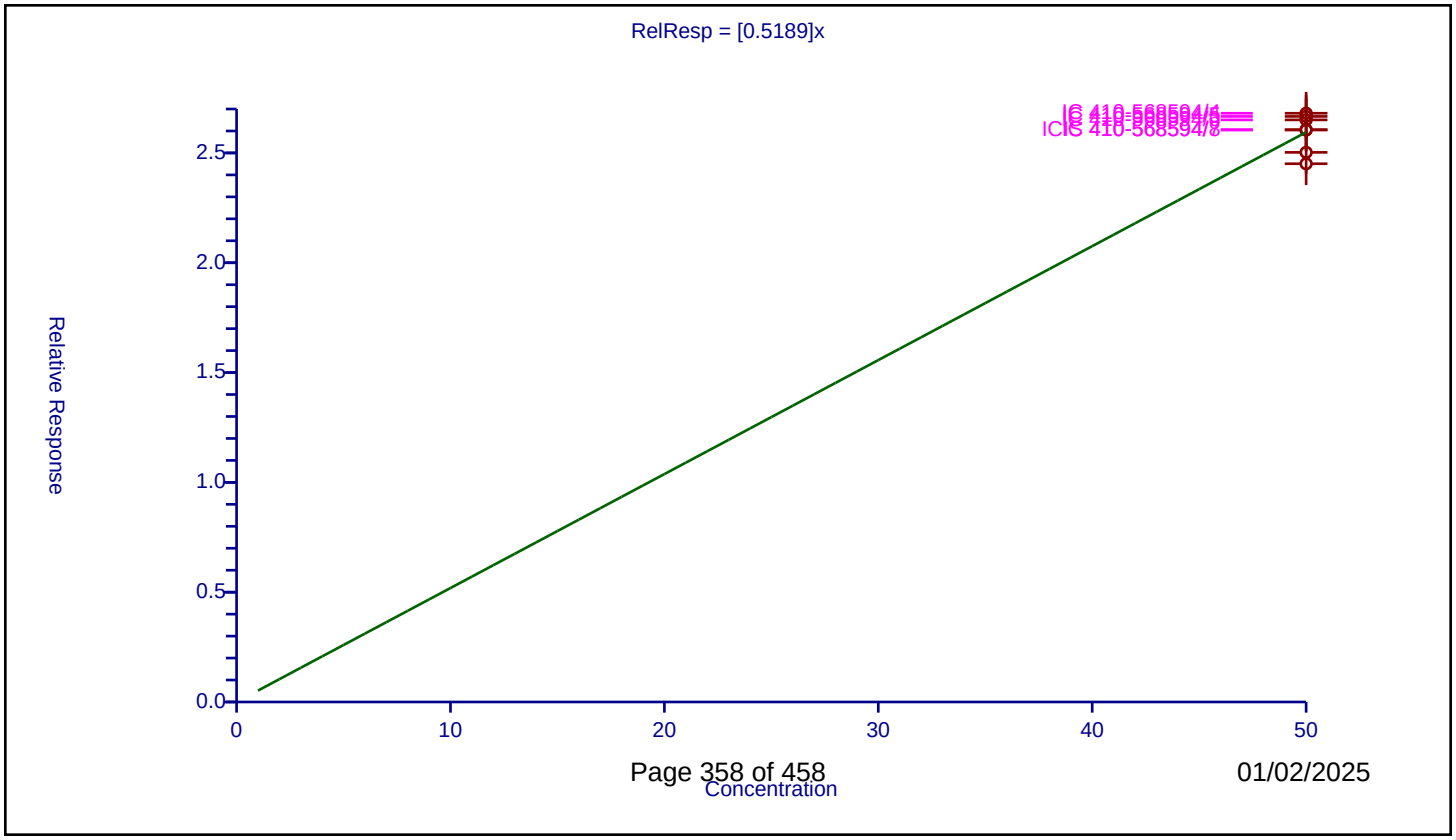
Curve Coefficients

Intercept:	0
Slope:	0.5189

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	50.0	26.806978	50.0	342215.0	0.53614	Y
2	IC 410-568594/5	50.0	26.662303	50.0	342236.0	0.533246	Y
3	IC 410-568594/6	50.0	26.504009	50.0	350081.0	0.53008	Y
4	IC 410-568594/7	50.0	26.043028	50.0	354233.0	0.520861	Y
5	ICIS 410-568594/8	50.0	26.059657	50.0	420372.0	0.521193	Y
6	IC 410-568594/9	50.0	25.026227	50.0	378425.0	0.500525	Y
7	IC 410-568594/10	50.0	24.507958	50.0	467389.0	0.490159	Y



Calibration / Bromobenzene

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

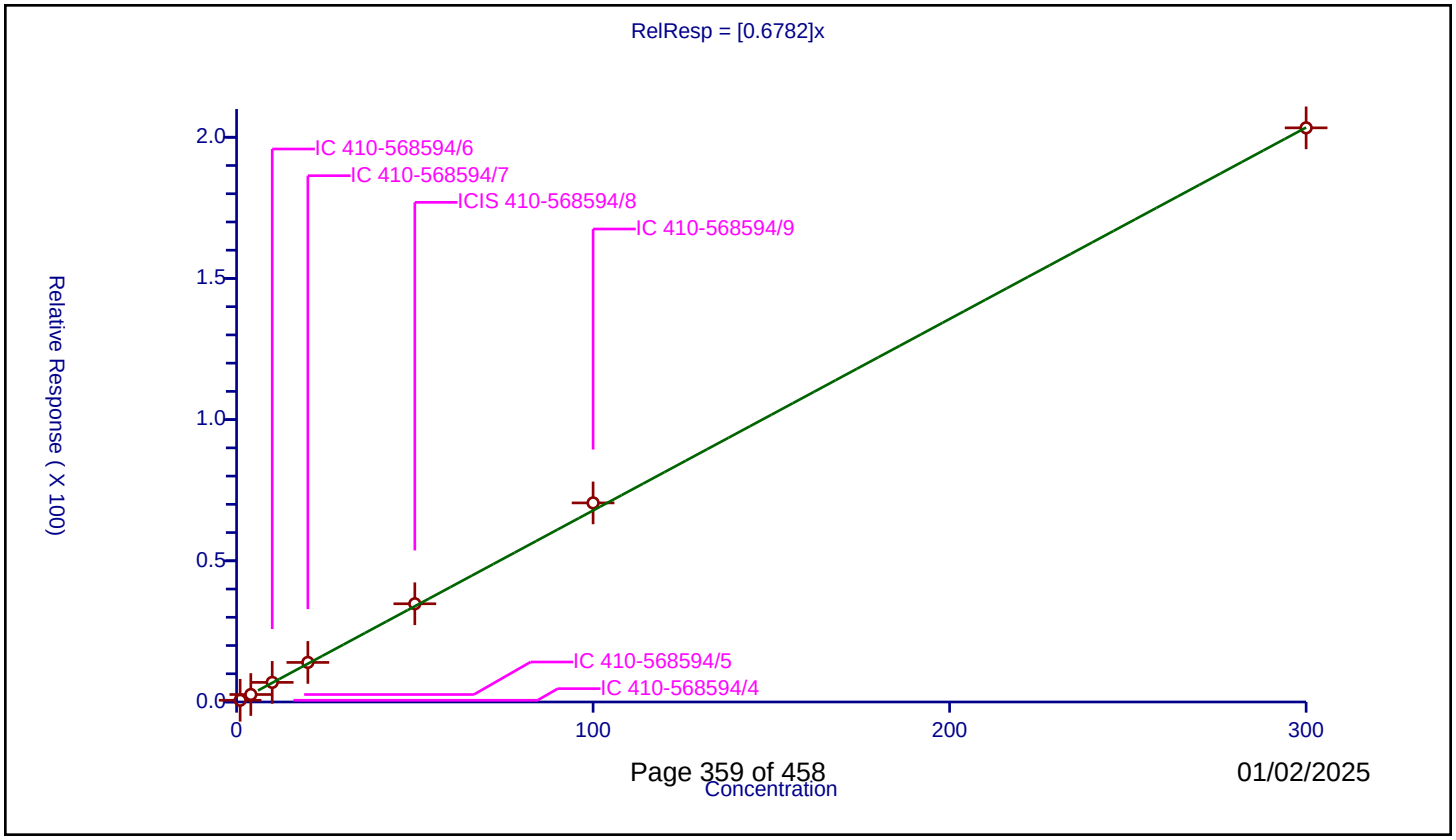
Curve Coefficients

Intercept:	0
Slope:	0.6782

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.612035	50.0	221801.0	0.612035	Y
2	IC 410-568594/5	4.0	2.646198	50.0	223566.0	0.66155	Y
3	IC 410-568594/6	10.0	6.945346	50.0	224942.0	0.694535	Y
4	IC 410-568594/7	20.0	14.01376	50.0	222674.0	0.700688	Y
5	ICIS 410-568594/8	50.0	34.783324	50.0	255427.0	0.695666	Y
6	IC 410-568594/9	100.0	70.500592	50.0	220379.0	0.705006	Y
7	IC 410-568594/10	300.0	203.333128	50.0	259156.0	0.677777	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

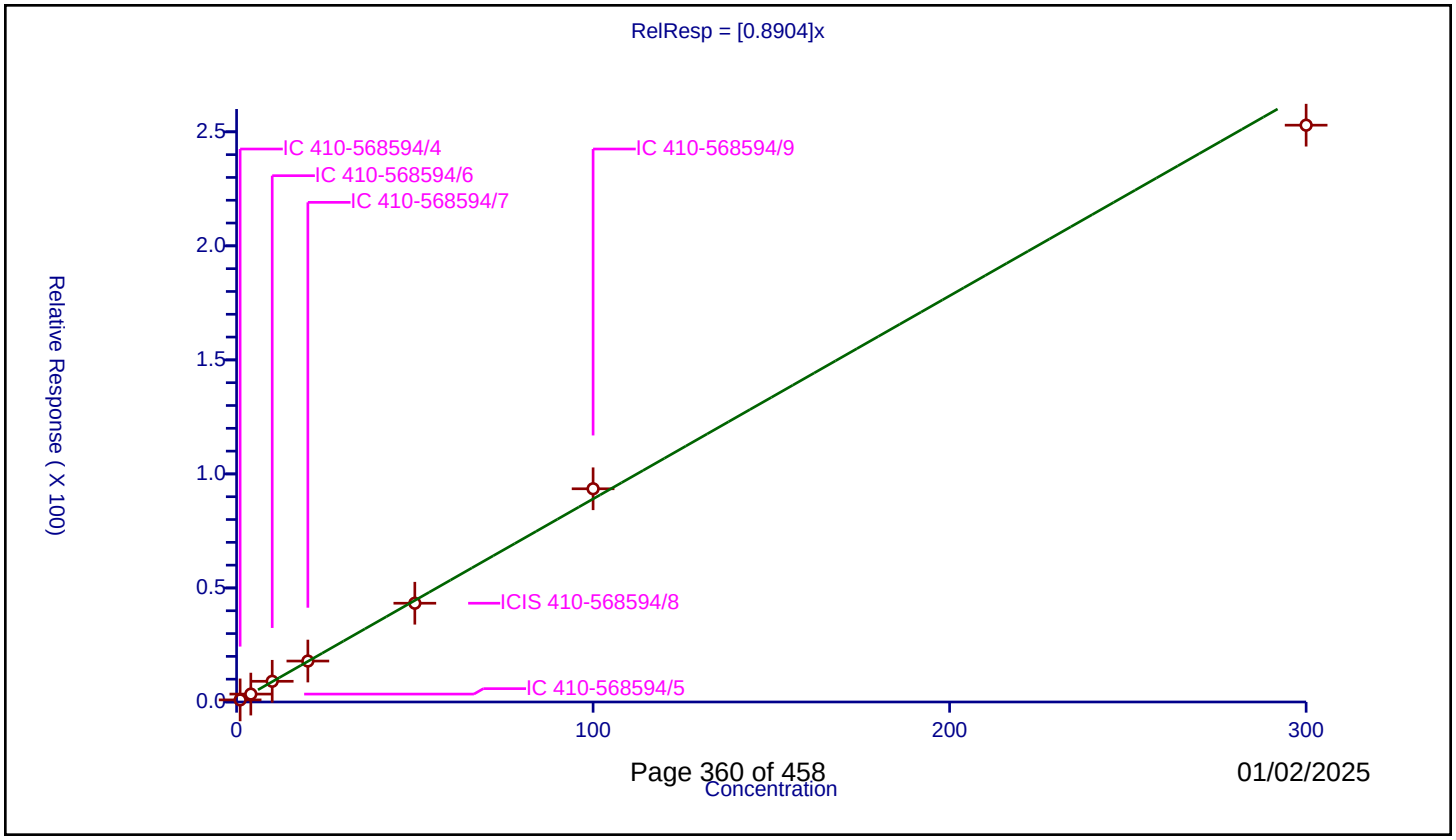
Curve Coefficients

Intercept:	0
Slope:	0.8904

Error Coefficients

Relative Standard Deviation:	3.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.916813	50.0	221801.0	0.916813	Y
2	IC 410-568594/5	4.0	3.465643	50.0	223566.0	0.866411	Y
3	IC 410-568594/6	10.0	9.080341	50.0	224942.0	0.908034	Y
4	IC 410-568594/7	20.0	17.951579	50.0	222674.0	0.897579	Y
5	ICIS 410-568594/8	50.0	43.30709	50.0	255427.0	0.866142	Y
6	IC 410-568594/9	100.0	93.489171	50.0	220379.0	0.934892	Y
7	IC 410-568594/10	300.0	252.916776	50.0	259156.0	0.843056	Y



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

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

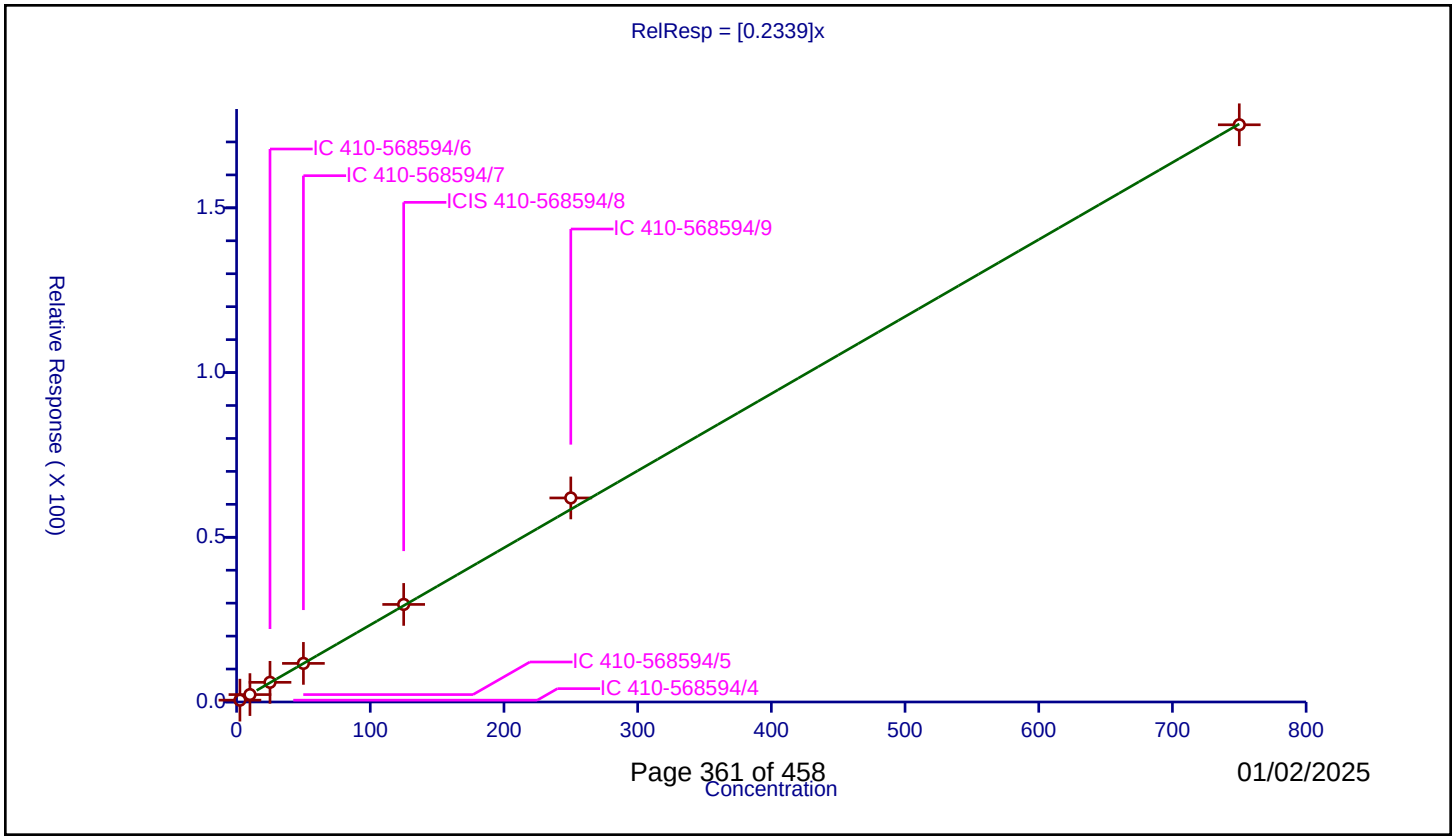
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	2.5	0.553649	50.0	221801.0	0.22146	Y
2	IC 410-568594/5	10.0	2.245646	50.0	223566.0	0.224565	Y
3	IC 410-568594/6	25.0	5.973762	50.0	224942.0	0.23895	Y
4	IC 410-568594/7	50.0	11.718027	50.0	222674.0	0.234361	Y
5	ICIS 410-568594/8	125.0	29.616485	50.0	255427.0	0.236932	Y
6	IC 410-568594/9	250.0	61.938524	50.0	220379.0	0.247754	Y
7	IC 410-568594/10	750.0	175.21242	50.0	259156.0	0.233617	Y



Calibration / 1,2,3-Trichloropropane

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

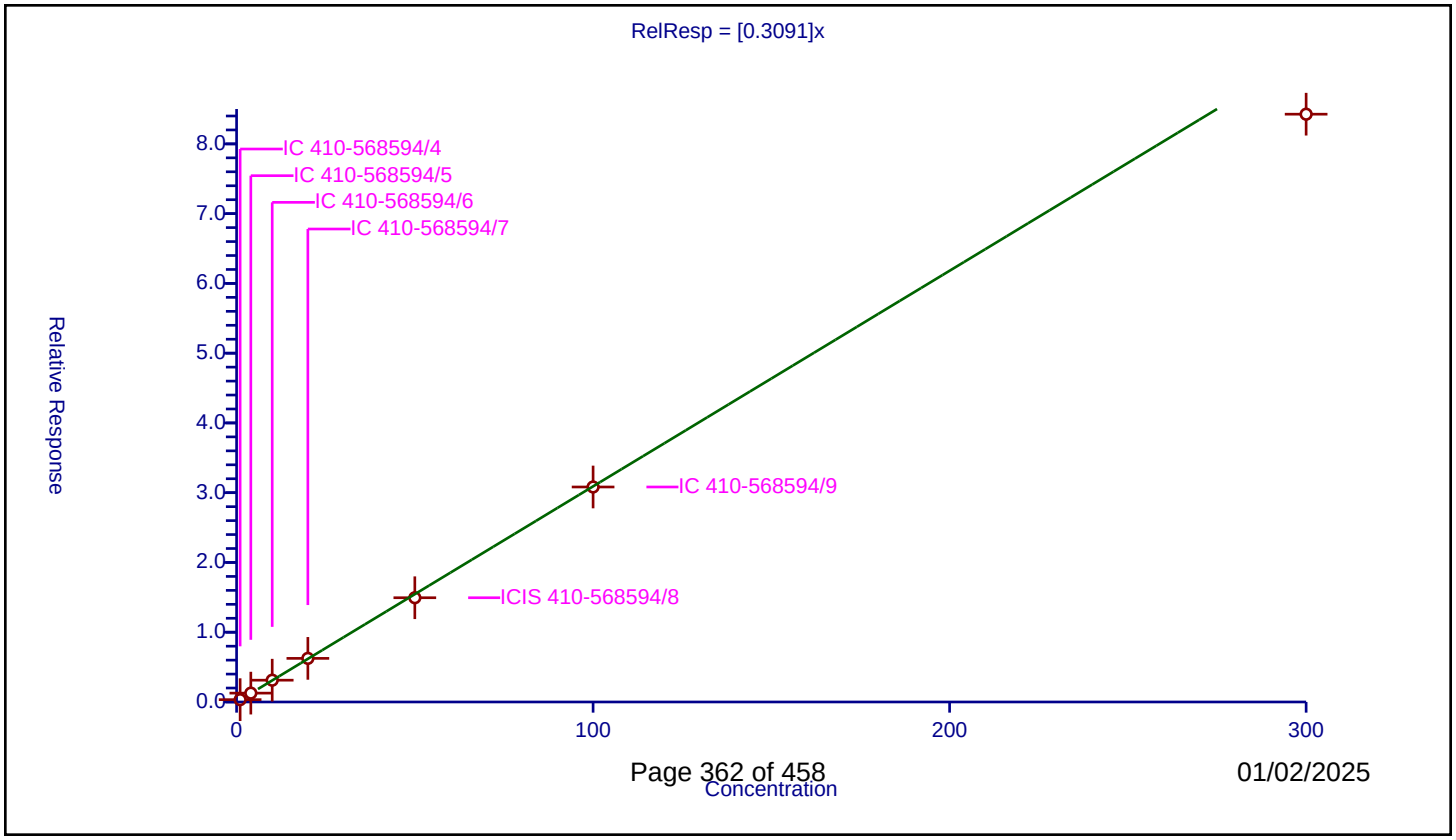
Curve Coefficients

Intercept:	0
Slope:	0.3091

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.332731	50.0	221801.0	0.332731	Y
2	IC 410-568594/5	4.0	1.271437	50.0	223566.0	0.317859	Y
3	IC 410-568594/6	10.0	3.123472	50.0	224942.0	0.312347	Y
4	IC 410-568594/7	20.0	6.253312	50.0	222674.0	0.312666	Y
5	ICIS 410-568594/8	50.0	14.944191	50.0	255427.0	0.298884	Y
6	IC 410-568594/9	100.0	30.818953	50.0	220379.0	0.30819	Y
7	IC 410-568594/10	300.0	84.257166	50.0	259156.0	0.280857	Y



Calibration / N-Propylbenzene

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

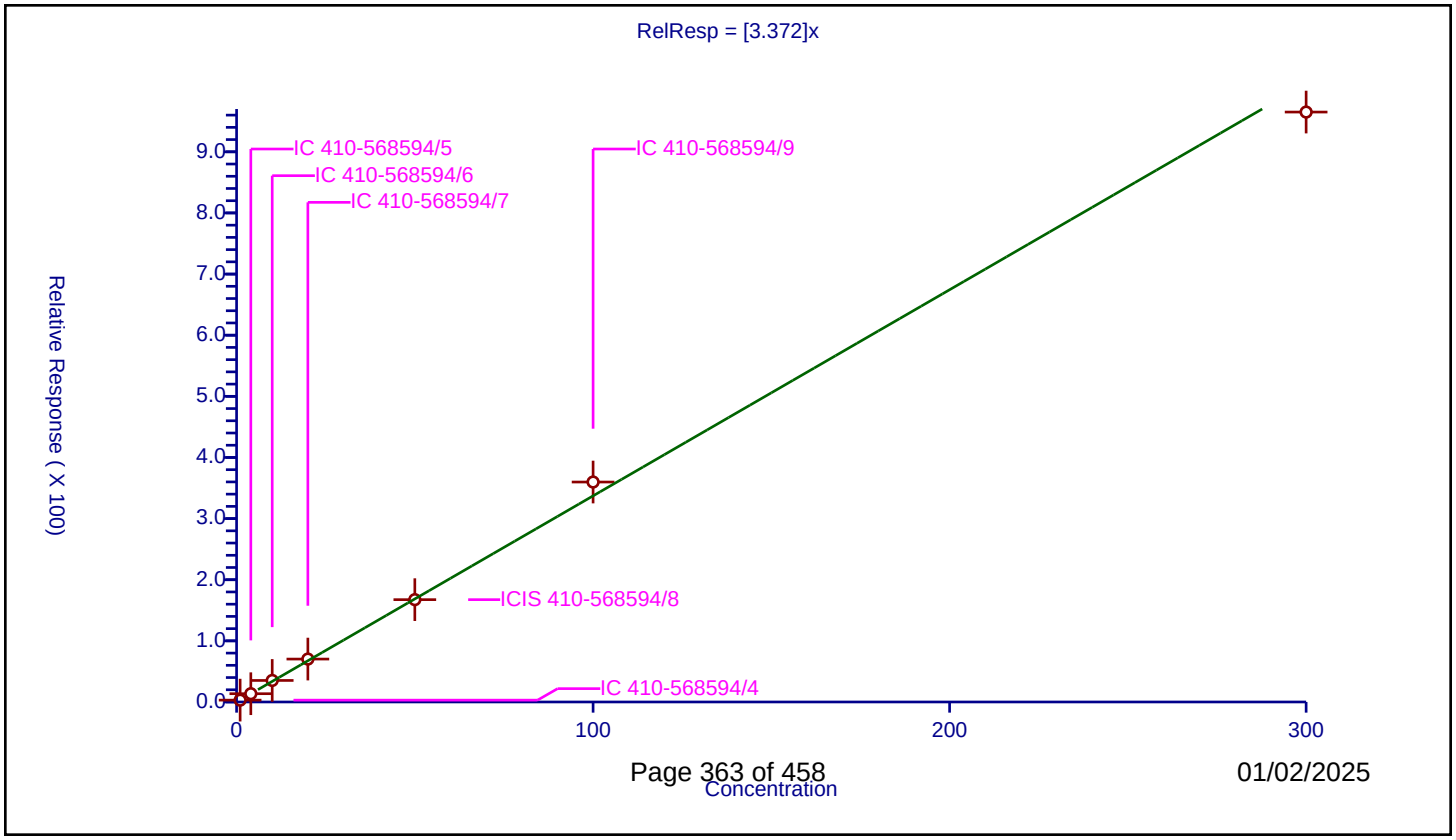
Curve Coefficients

Intercept:	0
Slope:	3.372

Error Coefficients

Relative Standard Deviation:	6.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	3.017119	50.0	221801.0	3.017119	Y
2	IC 410-568594/5	4.0	13.556399	50.0	223566.0	3.3891	Y
3	IC 410-568594/6	10.0	35.232193	50.0	224942.0	3.523219	Y
4	IC 410-568594/7	20.0	70.194769	50.0	222674.0	3.509738	Y
5	ICIS 410-568594/8	50.0	167.40693	50.0	255427.0	3.348139	Y
6	IC 410-568594/9	100.0	359.833287	50.0	220379.0	3.598333	Y
7	IC 410-568594/10	300.0	965.01393	50.0	259156.0	3.216713	Y



Calibration / 2-Chlorotoluene

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

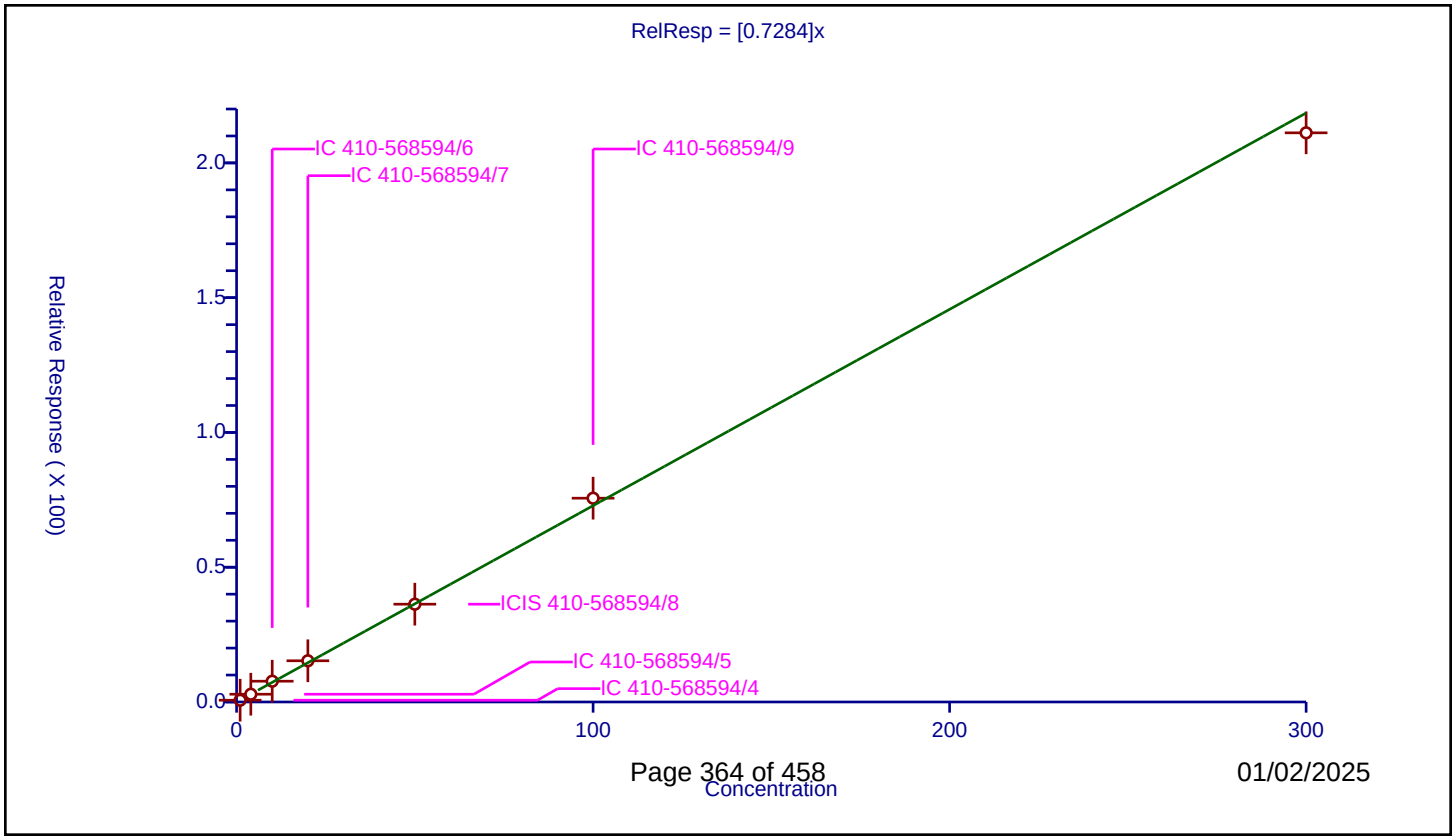
Curve Coefficients

Intercept:	0
Slope:	0.7284

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.657346	50.0	221801.0	0.657346	Y
2	IC 410-568594/5	4.0	2.880581	50.0	223566.0	0.720145	Y
3	IC 410-568594/6	10.0	7.708876	50.0	224942.0	0.770888	Y
4	IC 410-568594/7	20.0	15.292311	50.0	222674.0	0.764616	Y
5	ICIS 410-568594/8	50.0	36.280816	50.0	255427.0	0.725616	Y
6	IC 410-568594/9	100.0	75.616778	50.0	220379.0	0.756168	Y
7	IC 410-568594/10	300.0	211.160459	50.0	259156.0	0.703868	Y



Calibration / 1,3,5-Trimethylbenzene

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

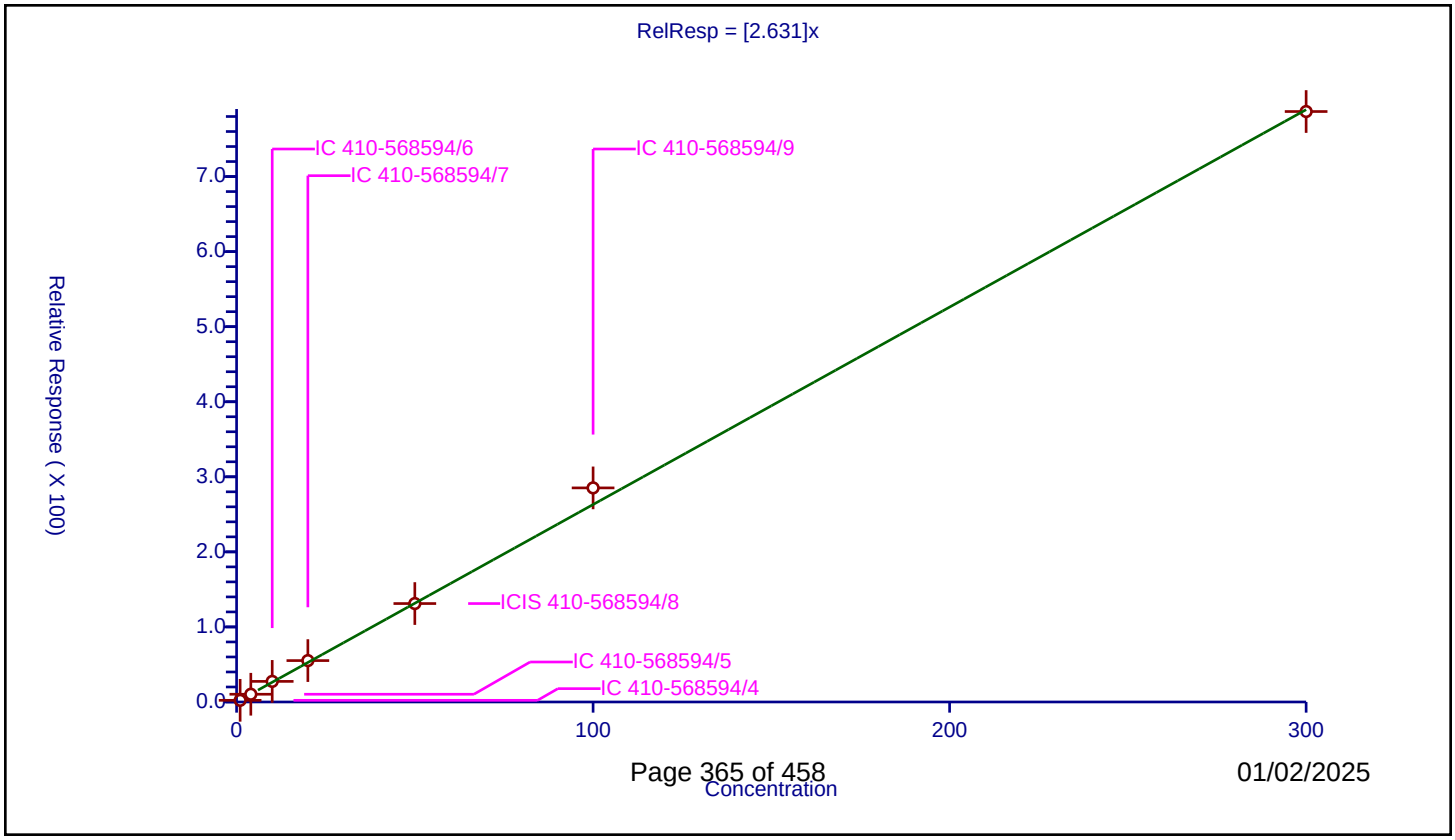
Curve Coefficients

Intercept:	0
Slope:	2.631

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	2.231956	50.0	221801.0	2.231956	Y
2	IC 410-568594/5	4.0	10.327375	50.0	223566.0	2.581844	Y
3	IC 410-568594/6	10.0	27.453299	50.0	224942.0	2.74533	Y
4	IC 410-568594/7	20.0	55.147435	50.0	222674.0	2.757372	Y
5	ICIS 410-568594/8	50.0	131.133357	50.0	255427.0	2.622667	Y
6	IC 410-568594/9	100.0	285.245645	50.0	220379.0	2.852456	Y
7	IC 410-568594/10	300.0	786.653599	50.0	259156.0	2.622179	Y



Calibration / 4-Chlorotoluene

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

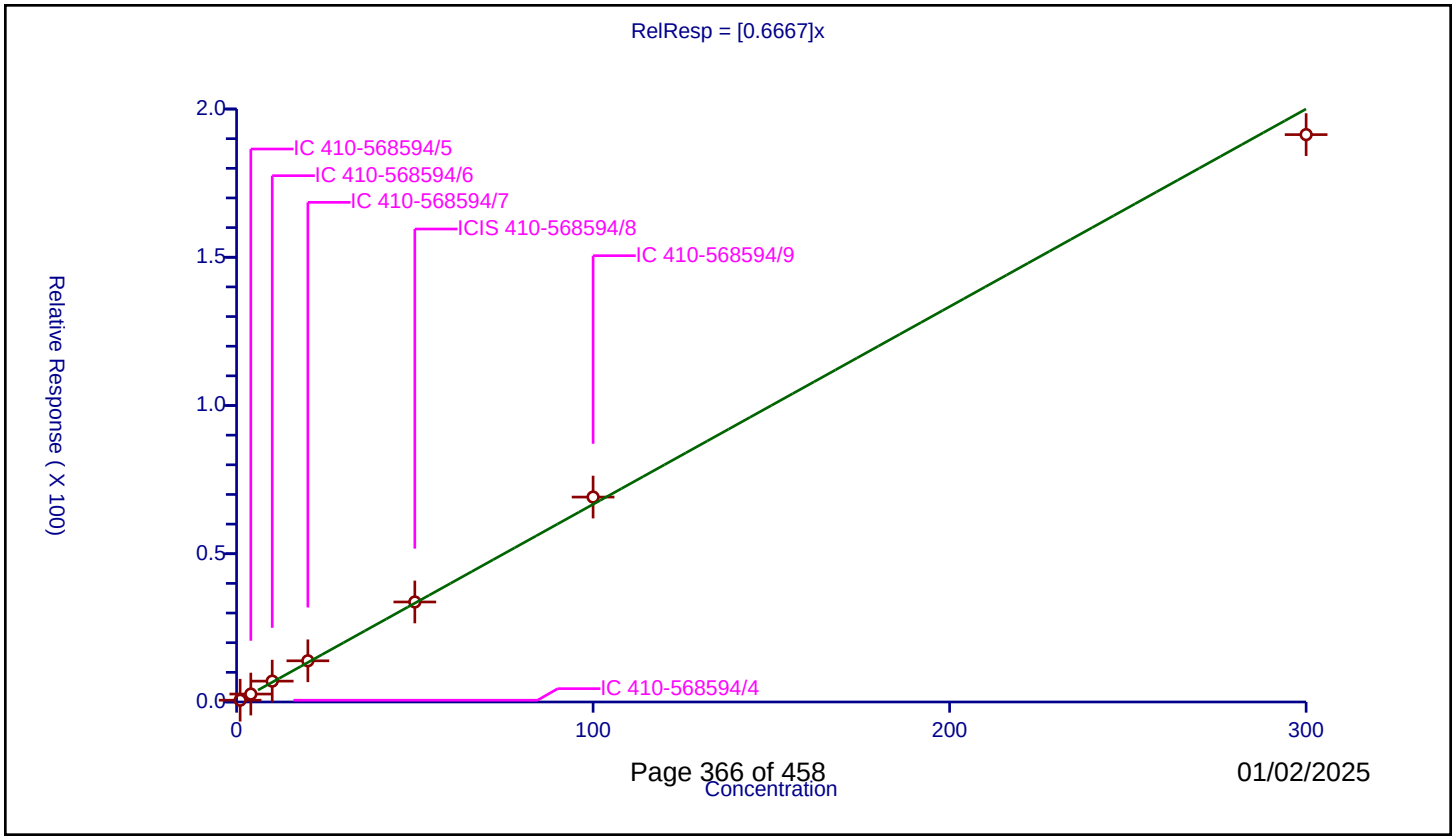
Curve Coefficients

Intercept:	0
Slope:	0.6667

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.597157	50.0	221801.0	0.597157	Y
2	IC 410-568594/5	4.0	2.672813	50.0	223566.0	0.668203	Y
3	IC 410-568594/6	10.0	7.036481	50.0	224942.0	0.703648	Y
4	IC 410-568594/7	20.0	13.887567	50.0	222674.0	0.694378	Y
5	ICIS 410-568594/8	50.0	33.734883	50.0	255427.0	0.674698	Y
6	IC 410-568594/9	100.0	69.115932	50.0	220379.0	0.691159	Y
7	IC 410-568594/10	300.0	191.365818	50.0	259156.0	0.637886	Y



Calibration / tert-Butylbenzene

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

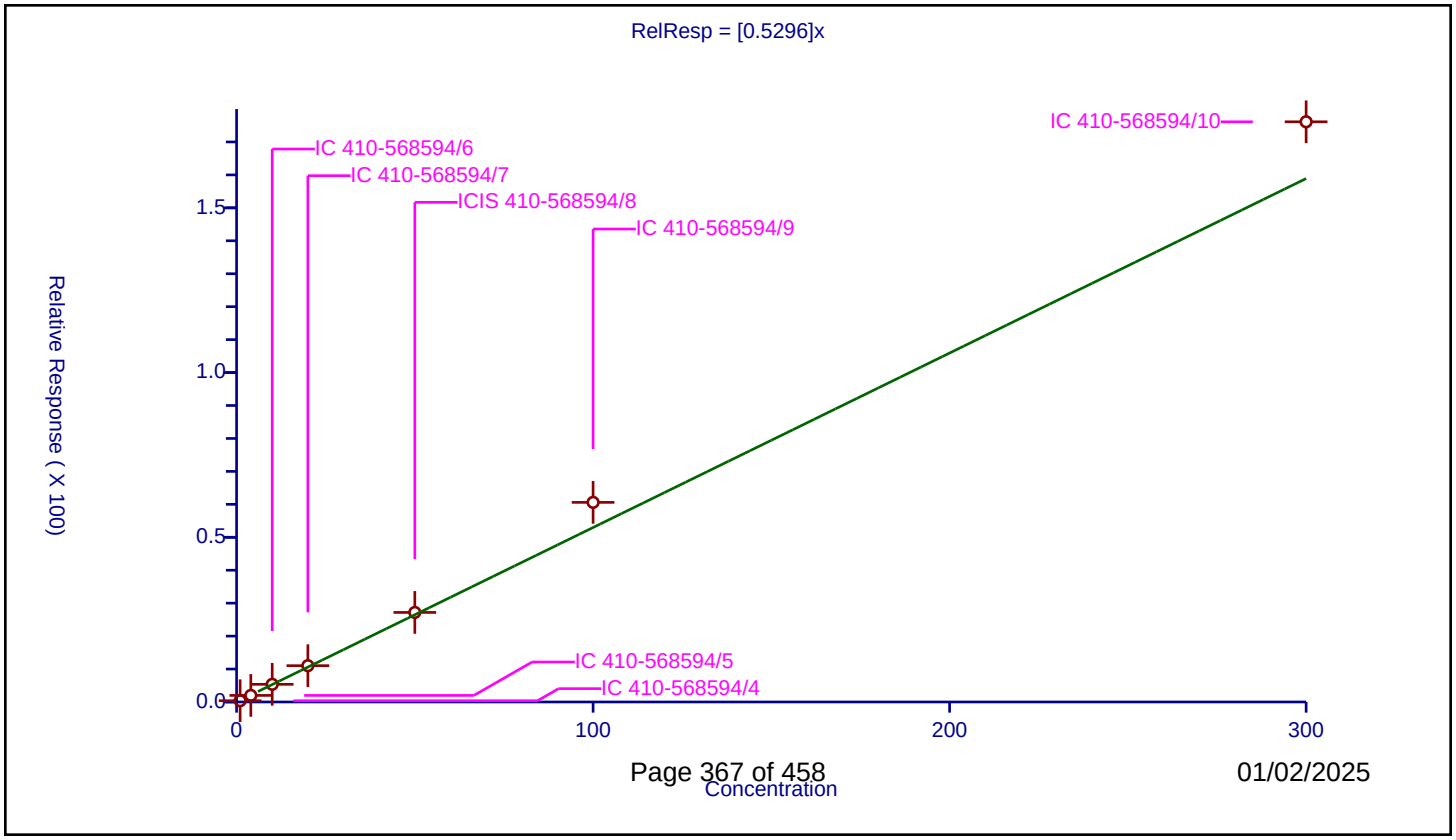
Curve Coefficients

Intercept:	0
Slope:	0.5296

Error Coefficients

Relative Standard Deviation:	13.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.384804	50.0	221801.0	0.384804	Y
2	IC 410-568594/5	4.0	1.993595	50.0	223566.0	0.498399	Y
3	IC 410-568594/6	10.0	5.36605	50.0	224942.0	0.536605	Y
4	IC 410-568594/7	20.0	11.017901	50.0	222674.0	0.550895	Y
5	ICIS 410-568594/8	50.0	27.183501	50.0	255427.0	0.54367	Y
6	IC 410-568594/9	100.0	60.596972	50.0	220379.0	0.60597	Y
7	IC 410-568594/10	300.0	176.124612	50.0	259156.0	0.587082	Y



Calibration / 1,2,4-Trimethylbenzene

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

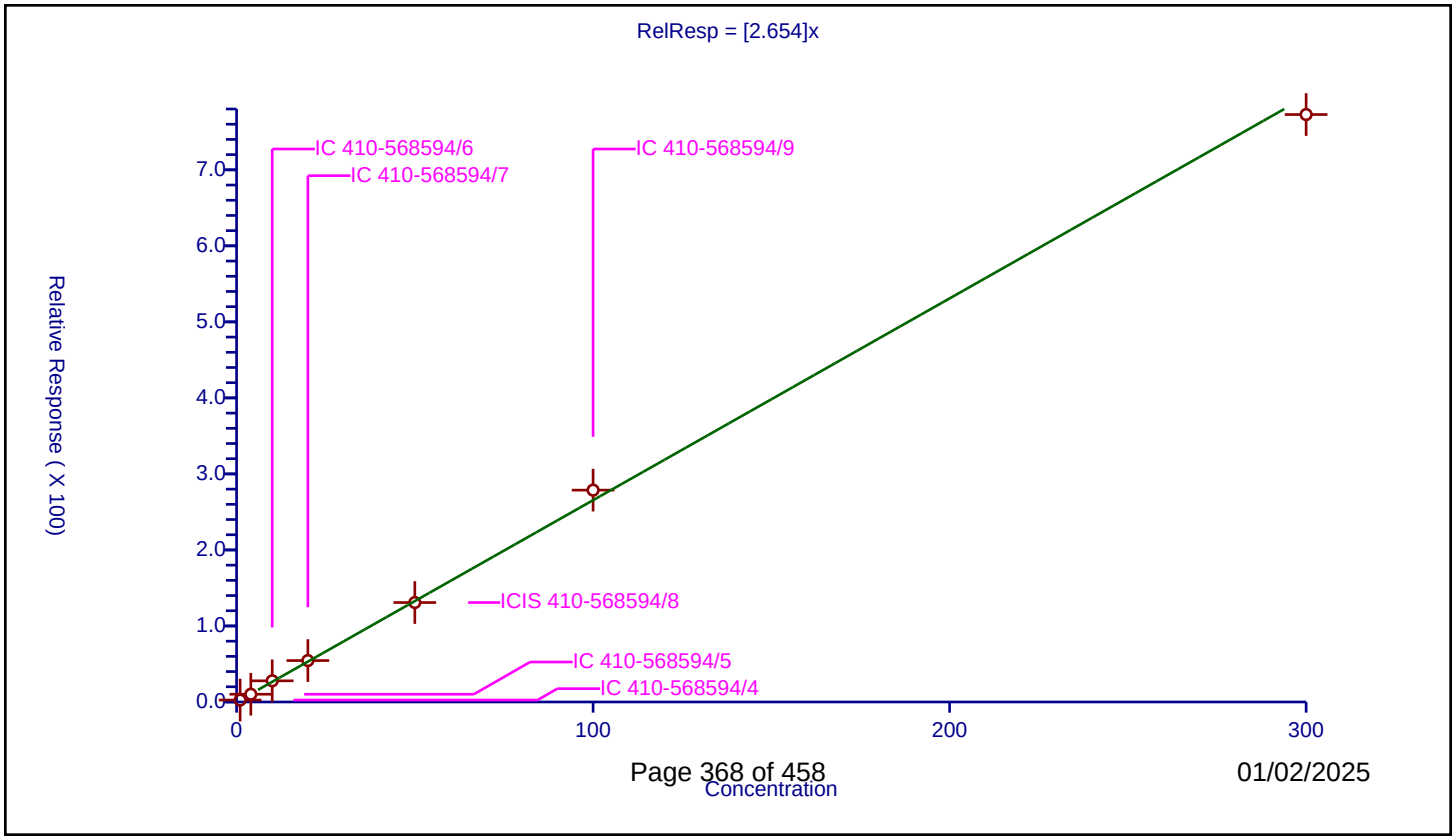
Curve Coefficients

Intercept:	0
Slope:	2.654

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	2.544172	50.0	221801.0	2.544172	Y
2	IC 410-568594/5	4.0	10.193634	50.0	223566.0	2.548409	Y
3	IC 410-568594/6	10.0	27.841177	50.0	224942.0	2.784118	Y
4	IC 410-568594/7	20.0	54.485706	50.0	222674.0	2.724285	Y
5	ICIS 410-568594/8	50.0	130.806454	50.0	255427.0	2.616129	Y
6	IC 410-568594/9	100.0	278.688759	50.0	220379.0	2.786888	Y
7	IC 410-568594/10	300.0	772.736306	50.0	259156.0	2.575788	Y



Calibration / sec-Butylbenzene

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

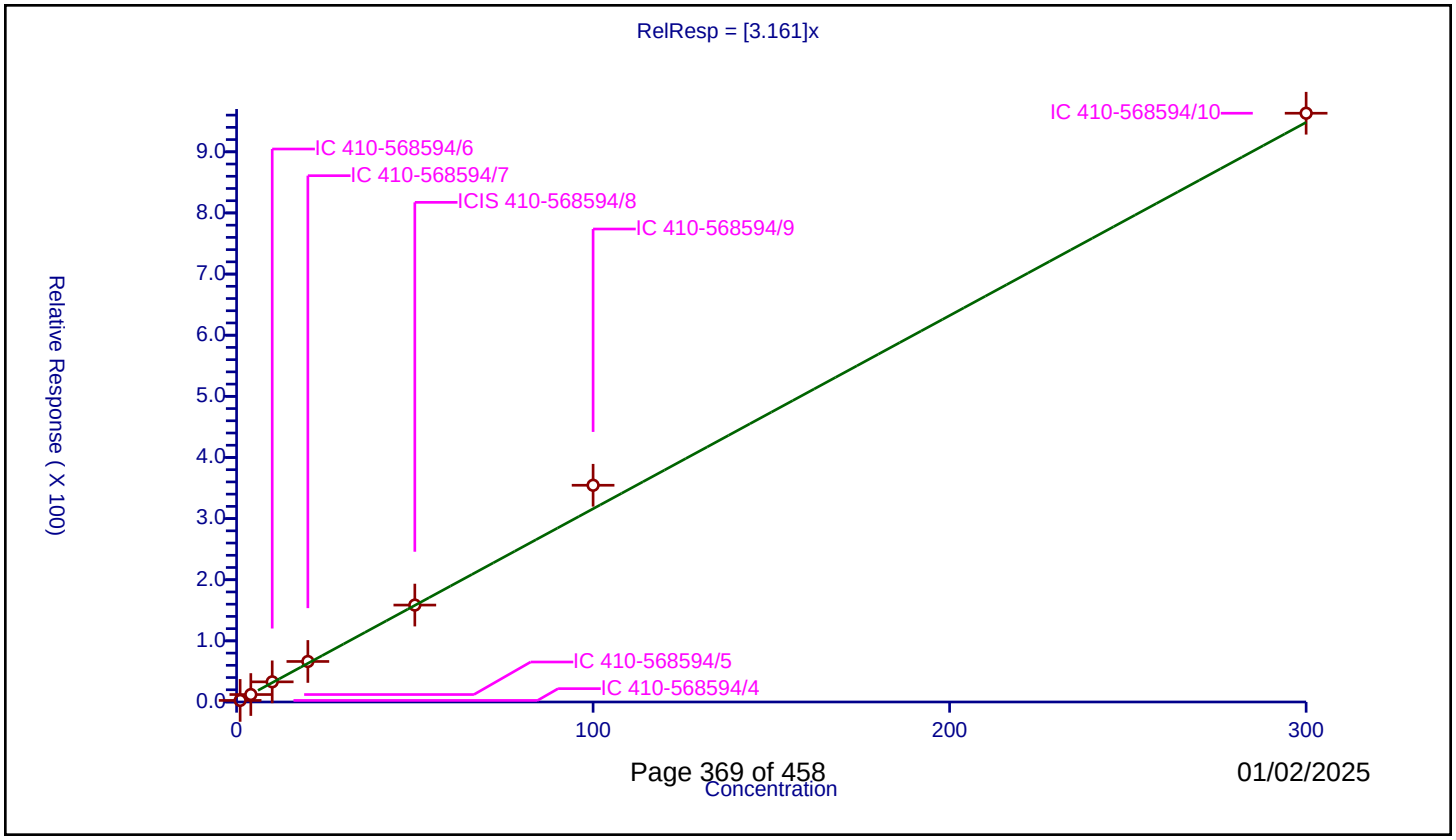
Curve Coefficients

Intercept:	0
Slope:	3.161

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	2.535832	50.0	221801.0	2.535832	Y
2	IC 410-568594/5	4.0	12.201319	50.0	223566.0	3.05033	Y
3	IC 410-568594/6	10.0	32.977167	50.0	224942.0	3.297717	Y
4	IC 410-568594/7	20.0	66.264809	50.0	222674.0	3.31324	Y
5	ICIS 410-568594/8	50.0	158.557435	50.0	255427.0	3.171149	Y
6	IC 410-568594/9	100.0	354.538999	50.0	220379.0	3.54539	Y
7	IC 410-568594/10	300.0	963.091536	50.0	259156.0	3.210305	Y



Calibration / 1,3-Dichlorobenzene

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

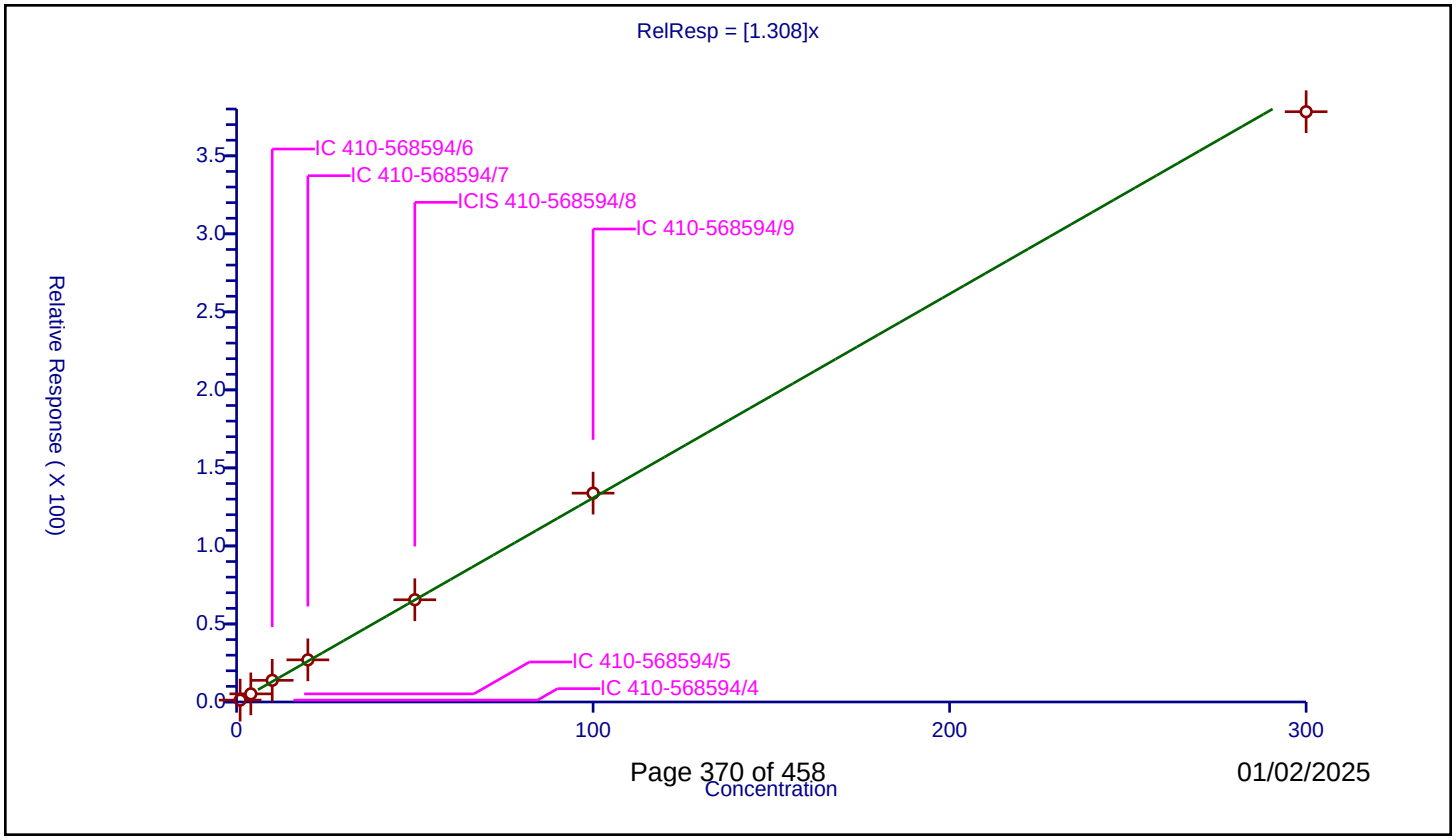
Curve Coefficients

Intercept:	0
Slope:	1.308

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.203331	50.0	221801.0	1.203331	Y
2	IC 410-568594/5	4.0	5.2092	50.0	223566.0	1.3023	Y
3	IC 410-568594/6	10.0	13.880467	50.0	224942.0	1.388047	Y
4	IC 410-568594/7	20.0	27.008766	50.0	222674.0	1.350438	Y
5	ICIS 410-568594/8	50.0	65.505017	50.0	255427.0	1.3101	Y
6	IC 410-568594/9	100.0	133.831717	50.0	220379.0	1.338317	Y
7	IC 410-568594/10	300.0	378.275633	50.0	259156.0	1.260919	Y



Calibration / 4-Isopropyltoluene

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

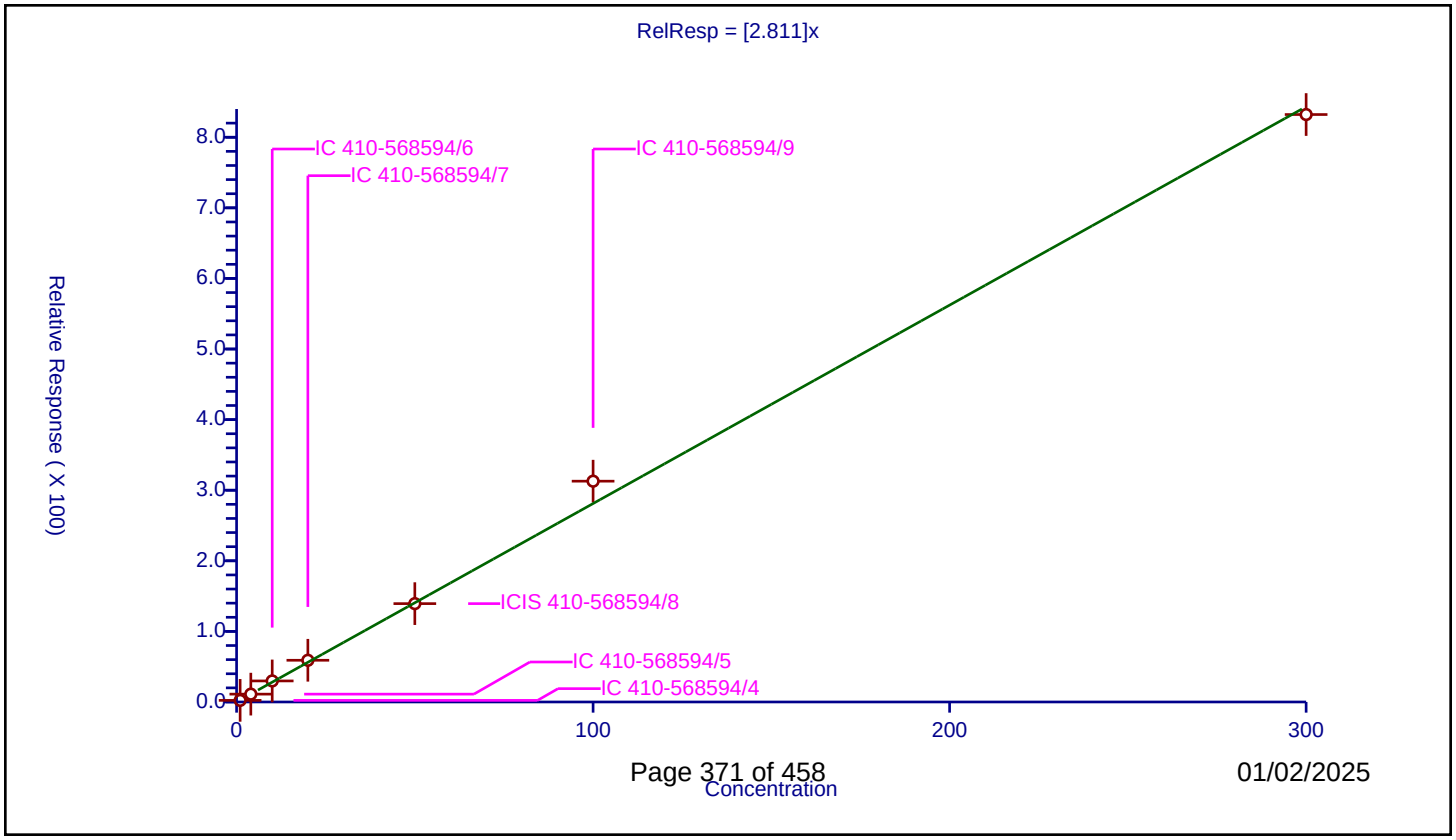
Curve Coefficients

Intercept:	0
Slope:	2.811

Error Coefficients

Relative Standard Deviation:	9.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	2.270729	50.0	221801.0	2.270729	Y
2	IC 410-568594/5	4.0	11.129376	50.0	223566.0	2.782344	Y
3	IC 410-568594/6	10.0	29.812129	50.0	224942.0	2.981213	Y
4	IC 410-568594/7	20.0	59.090195	50.0	222674.0	2.95451	Y
5	ICIS 410-568594/8	50.0	139.326892	50.0	255427.0	2.786538	Y
6	IC 410-568594/9	100.0	312.800221	50.0	220379.0	3.128002	Y
7	IC 410-568594/10	300.0	832.175022	50.0	259156.0	2.773917	Y



Calibration / 1,4-Dichlorobenzene

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

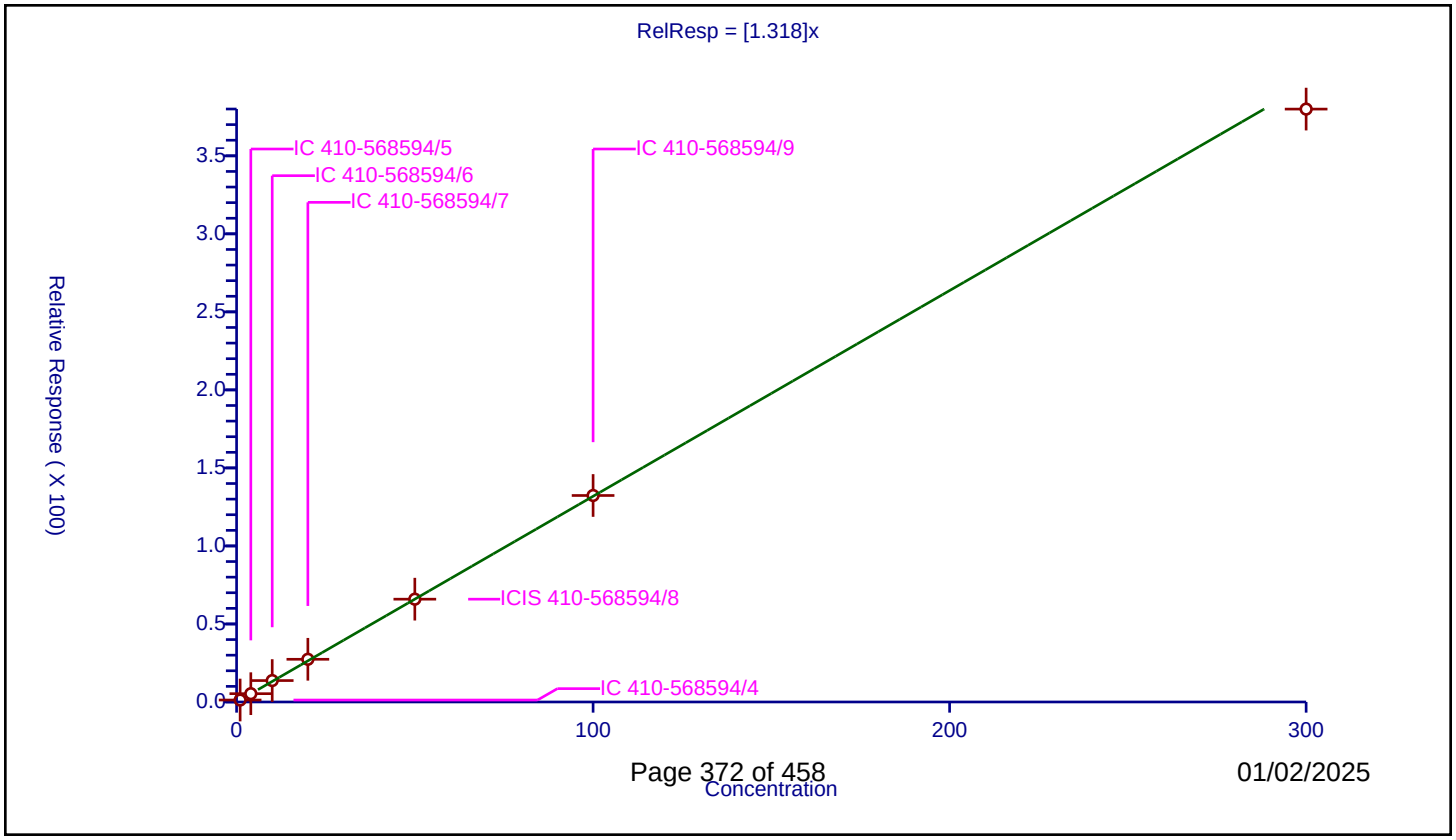
Curve Coefficients

Intercept:	0
Slope:	1.318

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.249994	50.0	221801.0	1.249994	Y
2	IC 410-568594/5	4.0	5.318564	50.0	223566.0	1.329641	Y
3	IC 410-568594/6	10.0	13.728872	50.0	224942.0	1.372887	Y
4	IC 410-568594/7	20.0	27.362198	50.0	222674.0	1.36811	Y
5	ICIS 410-568594/8	50.0	65.884578	50.0	255427.0	1.317692	Y
6	IC 410-568594/9	100.0	132.322726	50.0	220379.0	1.323227	Y
7	IC 410-568594/10	300.0	379.946442	50.0	259156.0	1.266488	Y



Calibration / 1,2,3-Trimethylbenzene

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

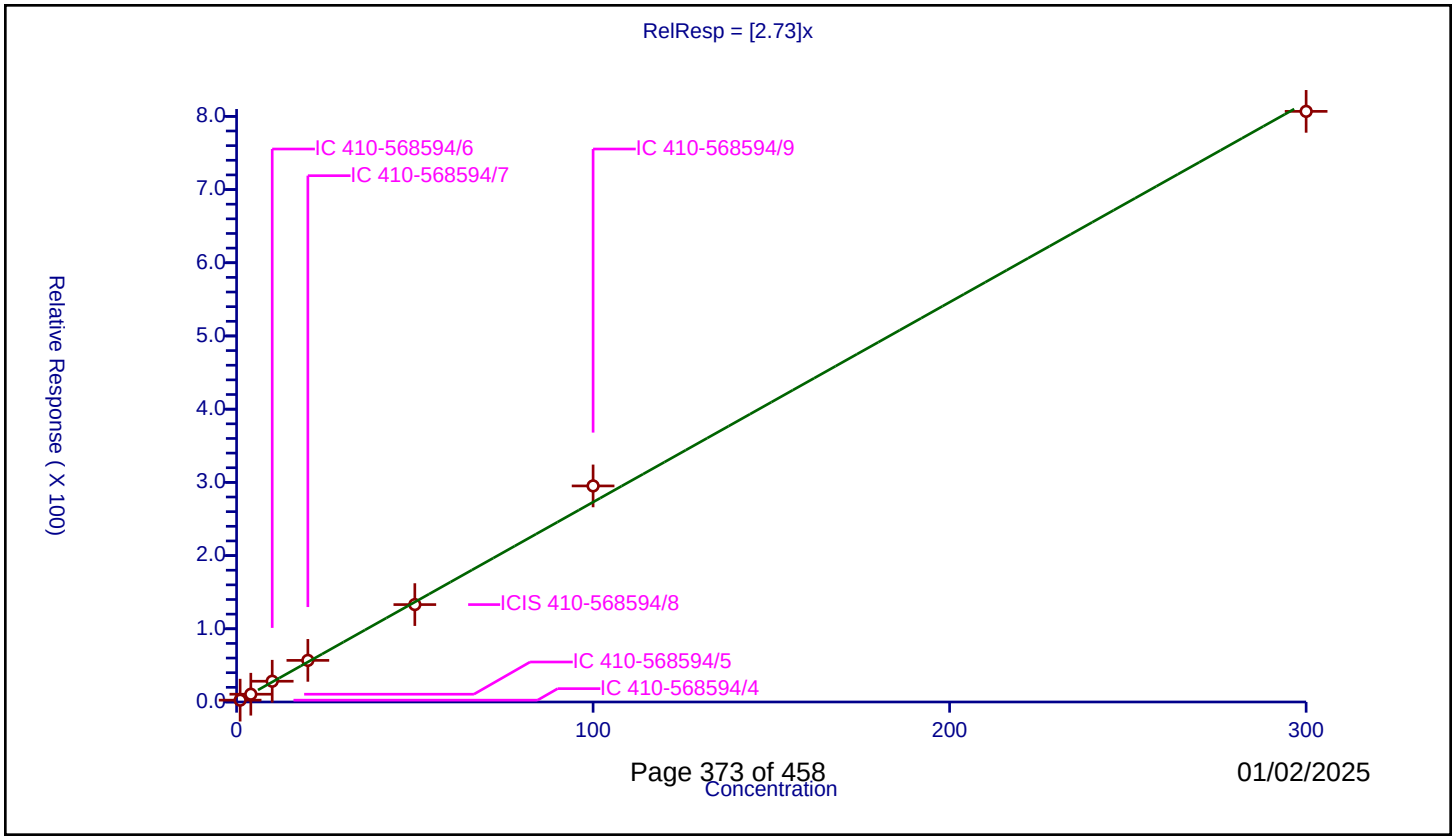
Curve Coefficients

Intercept:	0
Slope:	2.73

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	2.478573	50.0	221801.0	2.478573	Y
2	IC 410-568594/5	4.0	10.614763	50.0	223566.0	2.653691	Y
3	IC 410-568594/6	10.0	28.364645	50.0	224942.0	2.836465	Y
4	IC 410-568594/7	20.0	56.839371	50.0	222674.0	2.841969	Y
5	ICIS 410-568594/8	50.0	133.058956	50.0	255427.0	2.661179	Y
6	IC 410-568594/9	100.0	295.140417	50.0	220379.0	2.951404	Y
7	IC 410-568594/10	300.0	806.788575	50.0	259156.0	2.689295	Y



Calibration / Benzyl chloride

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

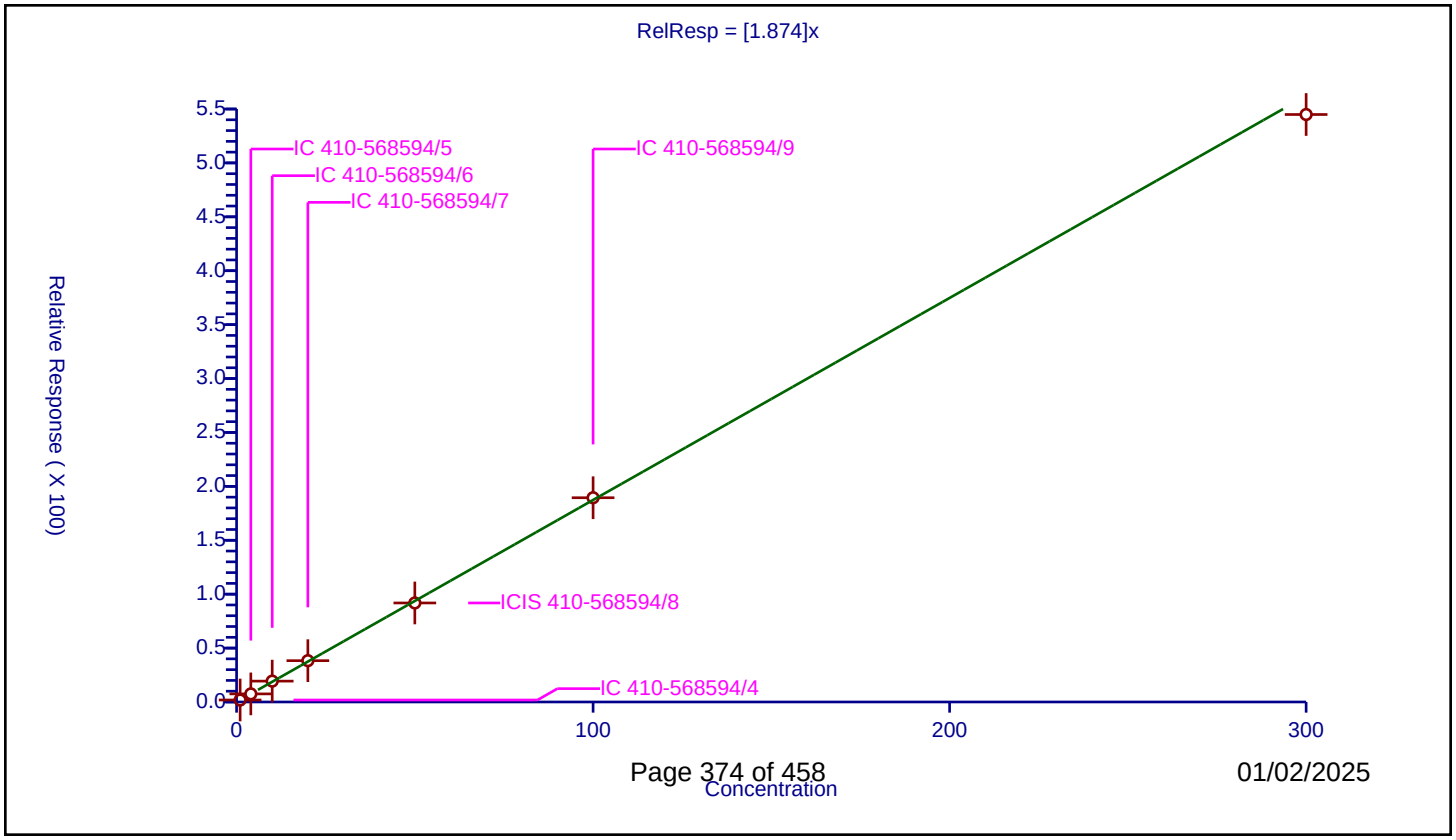
Curve Coefficients

Intercept:	0
Slope:	1.874

Error Coefficients

Relative Standard Deviation:	2.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.837683	50.0	221801.0	1.837683	Y
2	IC 410-568594/5	4.0	7.51277	50.0	223566.0	1.878193	Y
3	IC 410-568594/6	10.0	19.357212	50.0	224942.0	1.935721	Y
4	IC 410-568594/7	20.0	38.333618	50.0	222674.0	1.916681	Y
5	ICIS 410-568594/8	50.0	91.857948	50.0	255427.0	1.837159	Y
6	IC 410-568594/9	100.0	189.440918	50.0	220379.0	1.894409	Y
7	IC 410-568594/10	300.0	544.897668	50.0	259156.0	1.816326	Y



Calibration / 1,3-Diethylbenzene

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

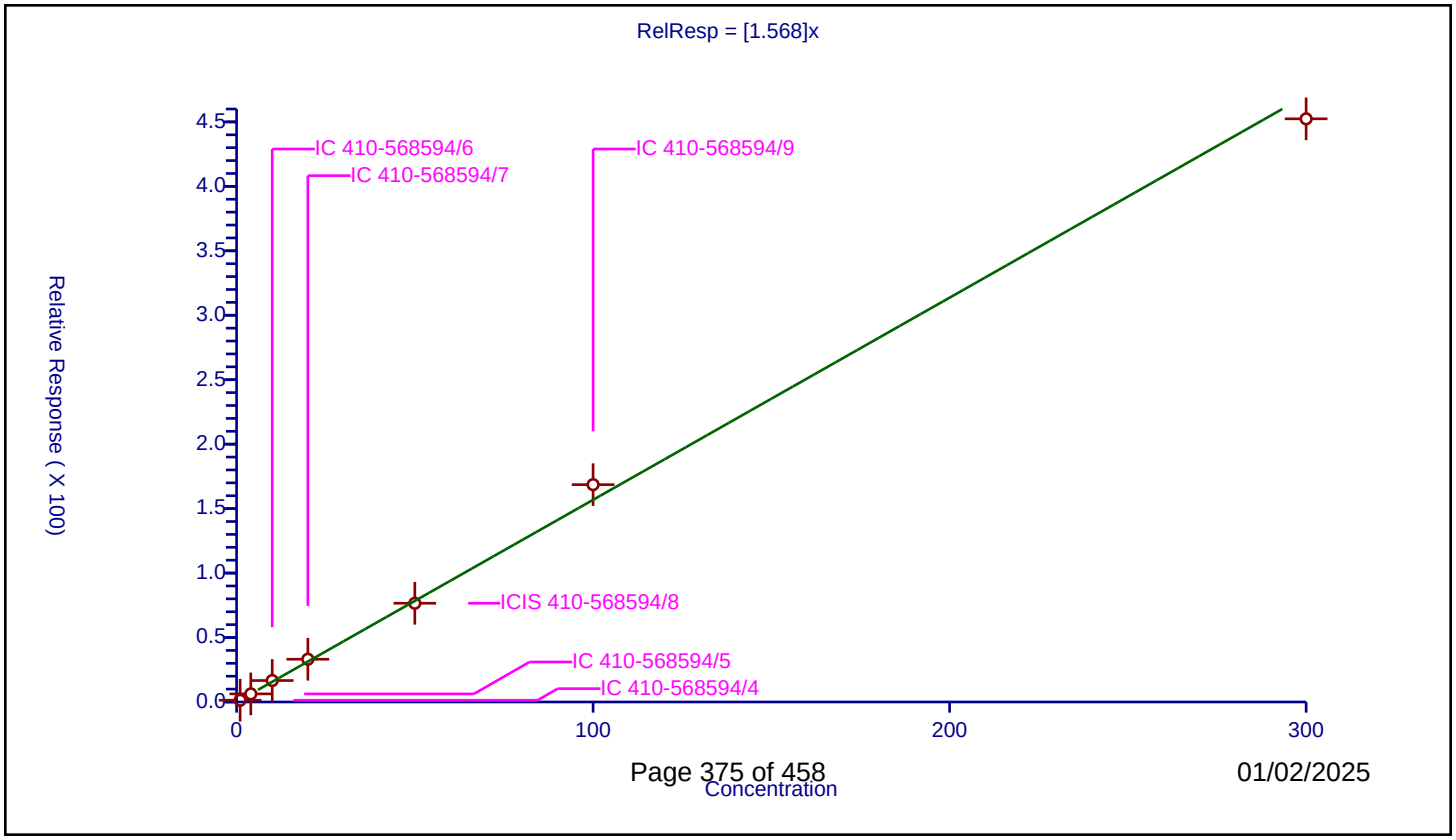
Curve Coefficients

Intercept:	0
Slope:	1.568

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.360905	50.0	221801.0	1.360905	Y
2	IC 410-568594/5	4.0	6.272421	50.0	223566.0	1.568105	Y
3	IC 410-568594/6	10.0	16.640956	50.0	224942.0	1.664096	Y
4	IC 410-568594/7	20.0	33.174057	50.0	222674.0	1.658703	Y
5	ICIS 410-568594/8	50.0	76.589789	50.0	255427.0	1.531796	Y
6	IC 410-568594/9	100.0	168.597734	50.0	220379.0	1.685977	Y
7	IC 410-568594/10	300.0	452.382928	50.0	259156.0	1.507943	Y



Calibration / p-Diethylbenzene

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

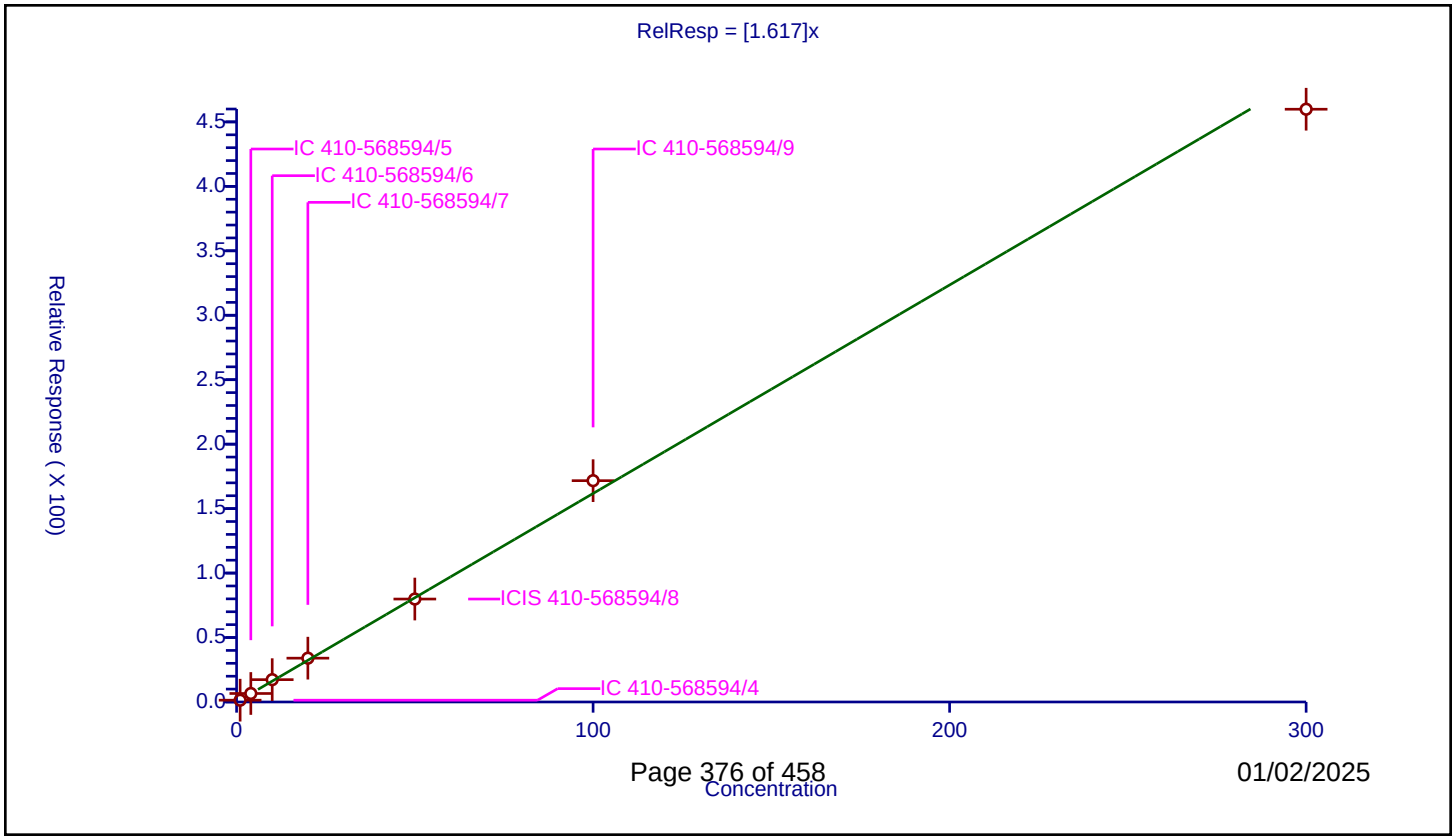
Curve Coefficients

Intercept:	0
Slope:	1.617

Error Coefficients

Relative Standard Deviation:	7.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.398326	50.0	221801.0	1.398326	Y
2	IC 410-568594/5	4.0	6.580607	50.0	223566.0	1.645152	Y
3	IC 410-568594/6	10.0	17.317353	50.0	224942.0	1.731735	Y
4	IC 410-568594/7	20.0	33.99903	50.0	222674.0	1.699951	Y
5	ICIS 410-568594/8	50.0	79.866263	50.0	255427.0	1.597325	Y
6	IC 410-568594/9	100.0	171.694218	50.0	220379.0	1.716942	Y
7	IC 410-568594/10	300.0	459.83944	50.0	259156.0	1.532798	Y



Calibration / n-Butylbenzene

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

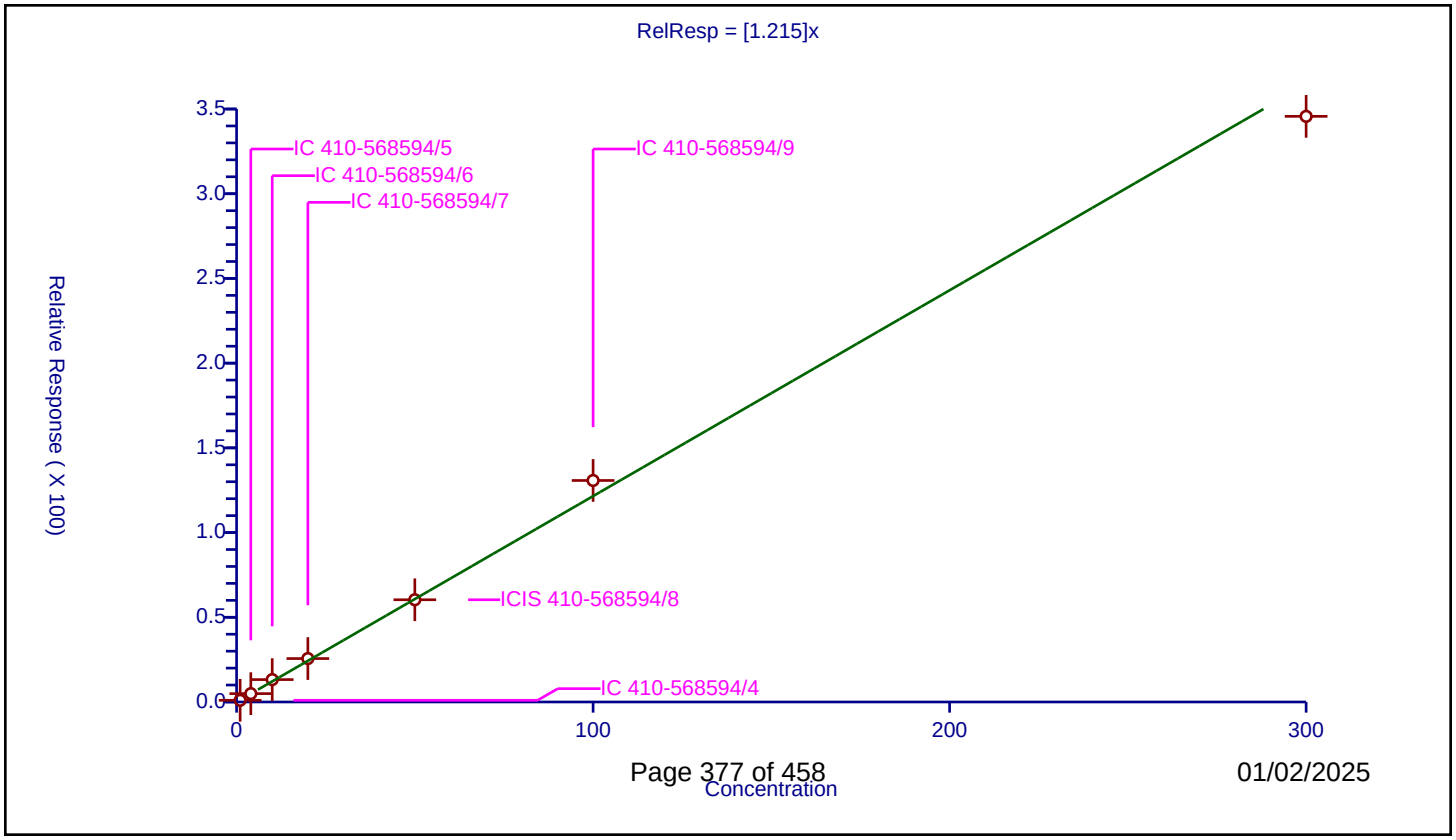
Curve Coefficients

Intercept:	0
Slope:	1.215

Error Coefficients

Relative Standard Deviation:	9.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.004279	50.0	221801.0	1.004279	Y
2	IC 410-568594/5	4.0	4.928075	50.0	223566.0	1.232019	Y
3	IC 410-568594/6	10.0	13.207182	50.0	224942.0	1.320718	Y
4	IC 410-568594/7	20.0	25.639051	50.0	222674.0	1.281953	Y
5	ICIS 410-568594/8	50.0	60.340528	50.0	255427.0	1.206811	Y
6	IC 410-568594/9	100.0	130.737956	50.0	220379.0	1.30738	Y
7	IC 410-568594/10	300.0	345.674227	50.0	259156.0	1.152247	Y



Calibration / 1,2-Dichlorobenzene

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

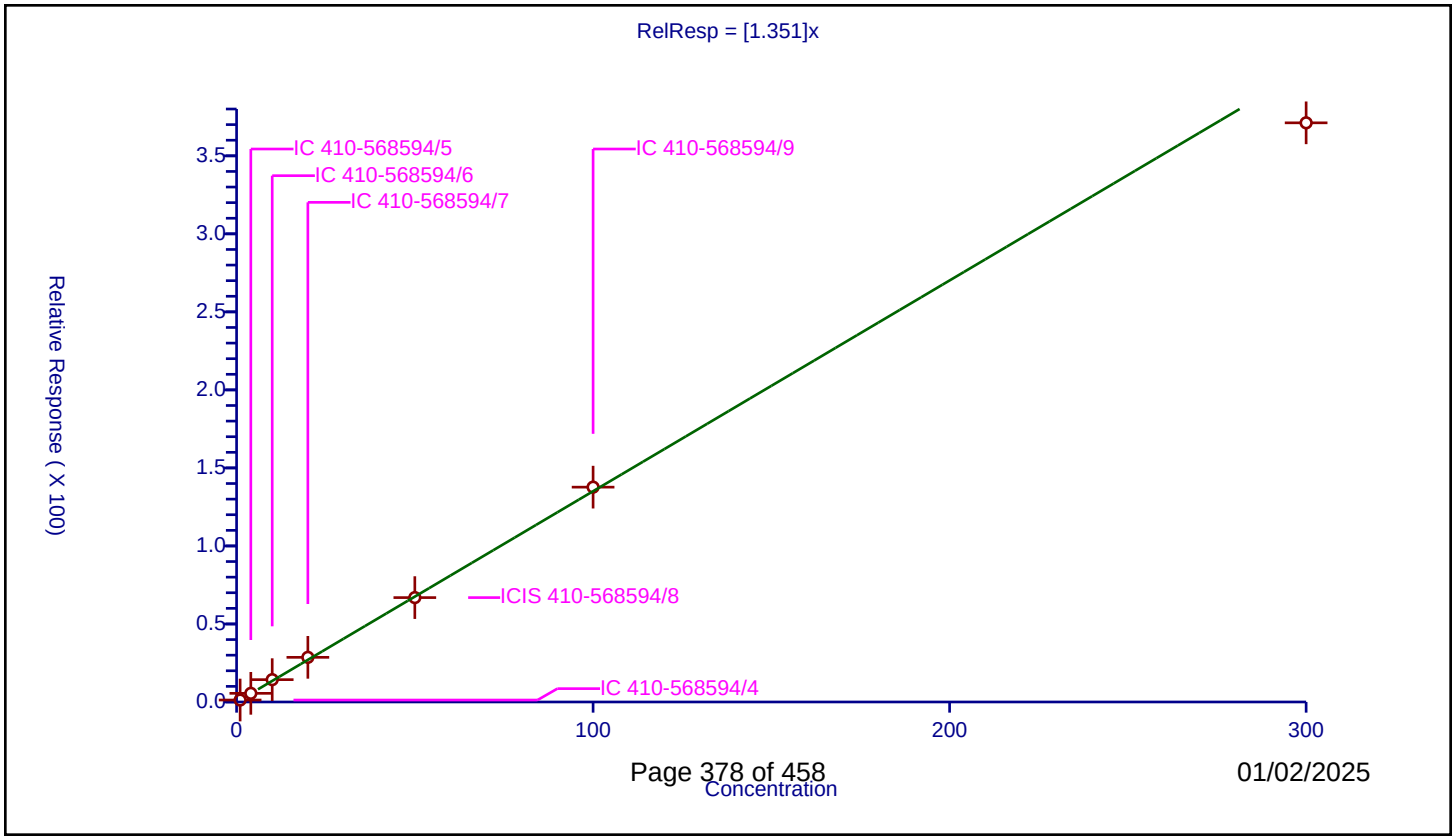
Curve Coefficients

Intercept:	0
Slope:	1.351

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.25563	50.0	221801.0	1.25563	Y
2	IC 410-568594/5	4.0	5.53908	50.0	223566.0	1.38477	Y
3	IC 410-568594/6	10.0	14.314134	50.0	224942.0	1.431413	Y
4	IC 410-568594/7	20.0	28.614028	50.0	222674.0	1.430701	Y
5	ICIS 410-568594/8	50.0	66.901502	50.0	255427.0	1.33803	Y
6	IC 410-568594/9	100.0	137.68281	50.0	220379.0	1.376828	Y
7	IC 410-568594/10	300.0	371.154633	50.0	259156.0	1.237182	Y



Calibration / o-diethylbenzene

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

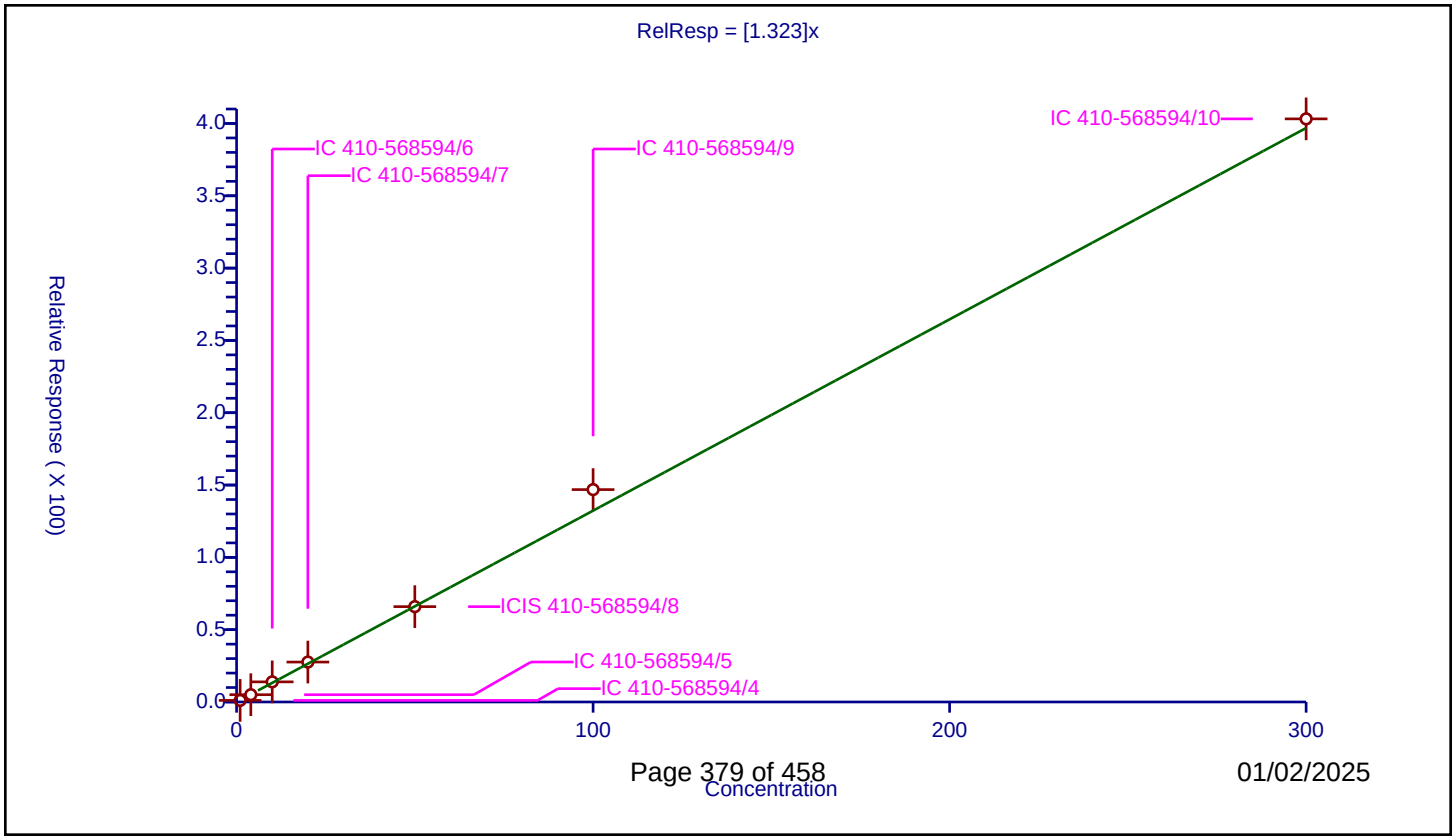
Curve Coefficients

Intercept:	0
Slope:	1.323

Error Coefficients

Relative Standard Deviation:	9.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.098056	50.0	221801.0	1.098056	Y
2	IC 410-568594/5	4.0	5.037886	50.0	223566.0	1.259471	Y
3	IC 410-568594/6	10.0	13.914698	50.0	224942.0	1.39147	Y
4	IC 410-568594/7	20.0	27.602459	50.0	222674.0	1.380123	Y
5	ICIS 410-568594/8	50.0	65.925685	50.0	255427.0	1.318514	Y
6	IC 410-568594/9	100.0	146.851787	50.0	220379.0	1.468518	Y
7	IC 410-568594/10	300.0	403.174536	50.0	259156.0	1.343915	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

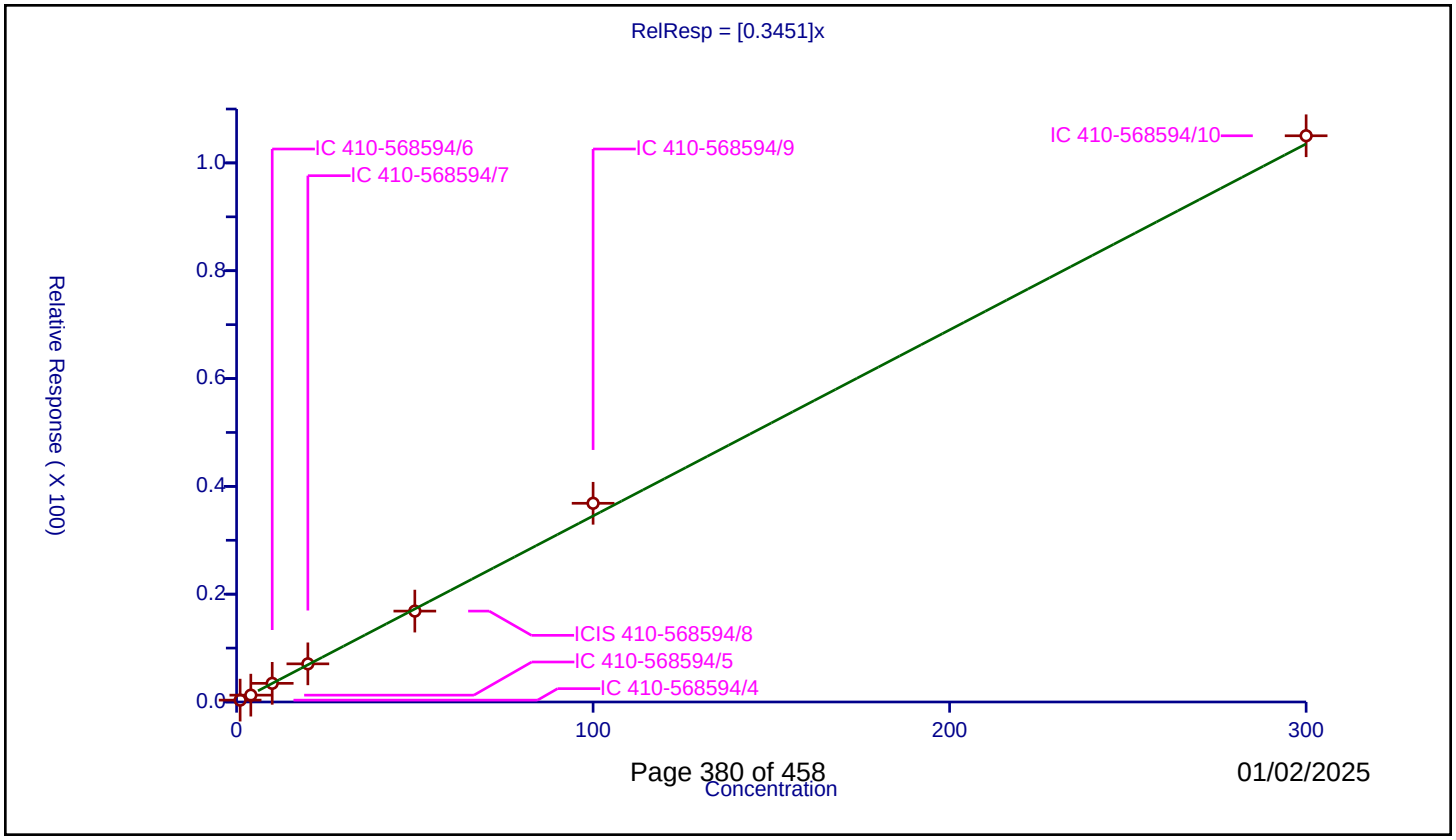
Curve Coefficients

Intercept:	0
Slope:	0.3451

Error Coefficients

Relative Standard Deviation:	4.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.3431	50.0	221801.0	0.3431	Y
2	IC 410-568594/5	4.0	1.266516	50.0	223566.0	0.316629	Y
3	IC 410-568594/6	10.0	3.462226	50.0	224942.0	0.346223	Y
4	IC 410-568594/7	20.0	7.077162	50.0	222674.0	0.353858	Y
5	ICIS 410-568594/8	50.0	16.863527	50.0	255427.0	0.337271	Y
6	IC 410-568594/9	100.0	36.862859	50.0	220379.0	0.368629	Y
7	IC 410-568594/10	300.0	105.036349	50.0	259156.0	0.350121	Y



Calibration / 1,3,5-Trichlorobenzene

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

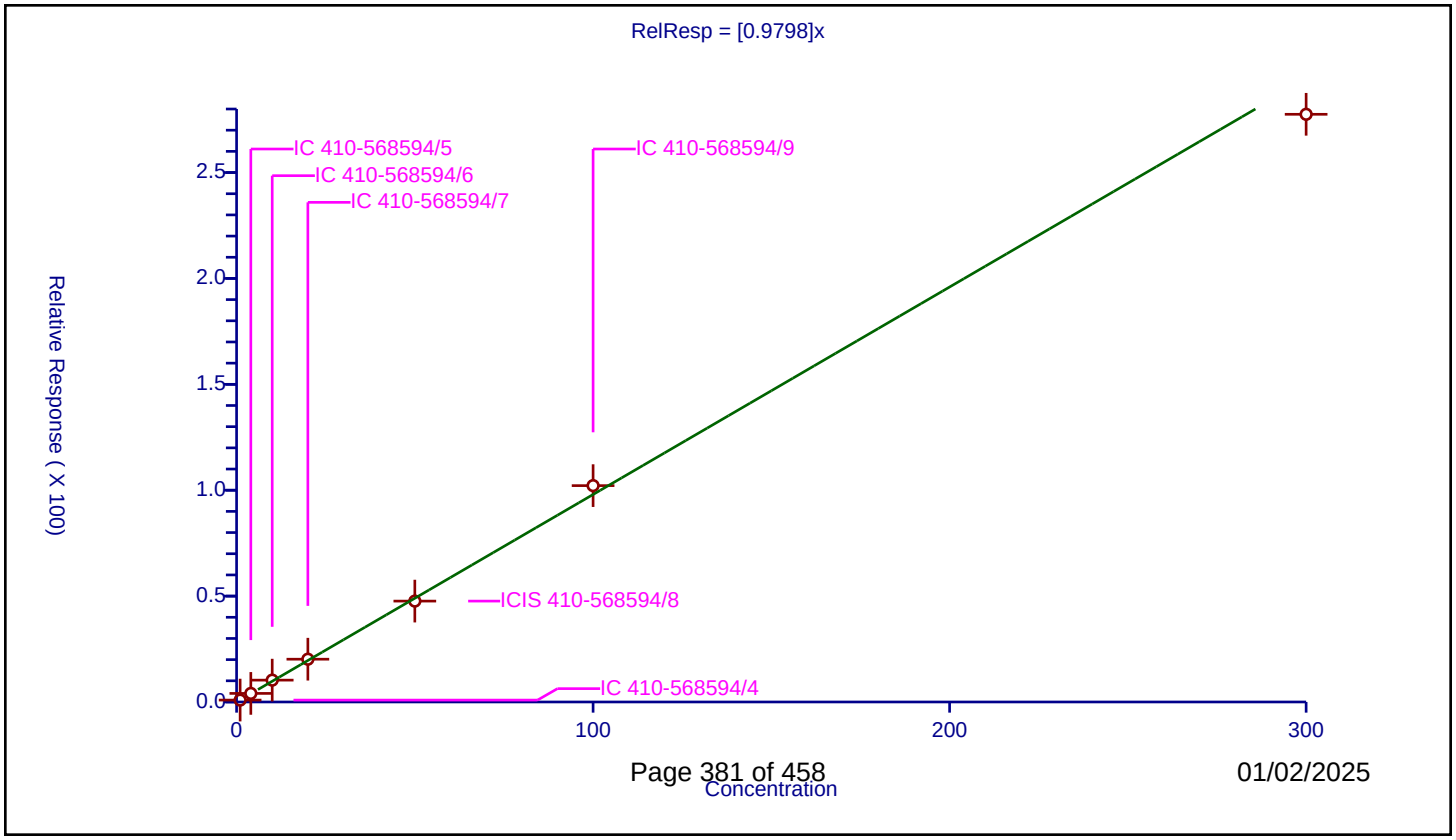
Curve Coefficients

Intercept:	0
Slope:	0.9798

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.905767	50.0	221801.0	0.905767	Y
2	IC 410-568594/5	4.0	4.042207	50.0	223566.0	1.010552	Y
3	IC 410-568594/6	10.0	10.325106	50.0	224942.0	1.032511	Y
4	IC 410-568594/7	20.0	20.199934	50.0	222674.0	1.009997	Y
5	ICIS 410-568594/8	50.0	47.645315	50.0	255427.0	0.952906	Y
6	IC 410-568594/9	100.0	102.166041	50.0	220379.0	1.02166	Y
7	IC 410-568594/10	300.0	277.503511	50.0	259156.0	0.925012	Y



Calibration / 1,2,4-Trichlorobenzene

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

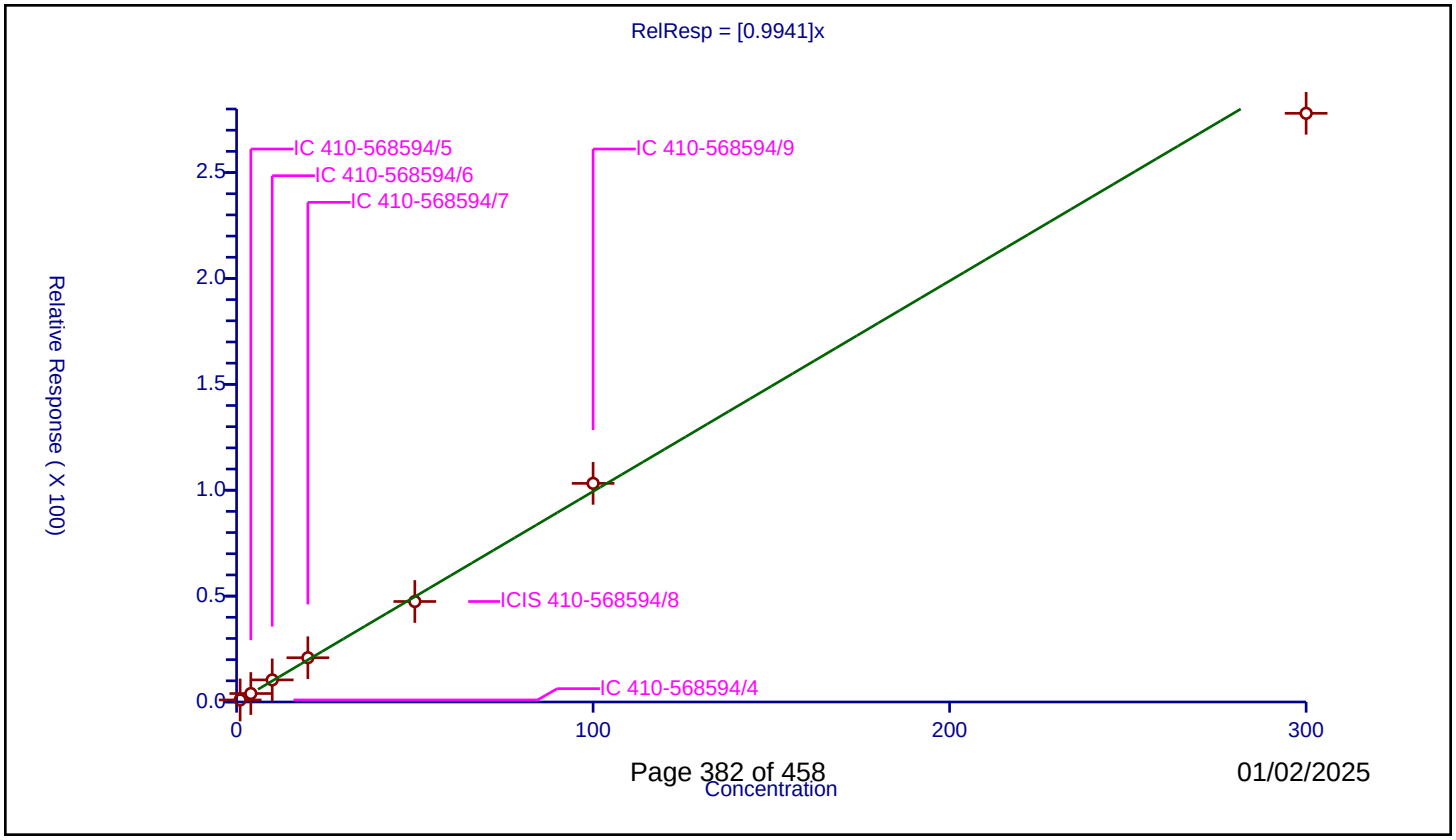
Curve Coefficients

Intercept:	0
Slope:	0.9941

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.963025	50.0	221801.0	0.963025	Y
2	IC 410-568594/5	4.0	4.002621	50.0	223566.0	1.000655	Y
3	IC 410-568594/6	10.0	10.426465	50.0	224942.0	1.042647	Y
4	IC 410-568594/7	20.0	20.892201	50.0	222674.0	1.04461	Y
5	ICIS 410-568594/8	50.0	47.453871	50.0	255427.0	0.949077	Y
6	IC 410-568594/9	100.0	103.235335	50.0	220379.0	1.032353	Y
7	IC 410-568594/10	300.0	277.970412	50.0	259156.0	0.926568	Y



Calibration / Hexachlorobutadiene

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

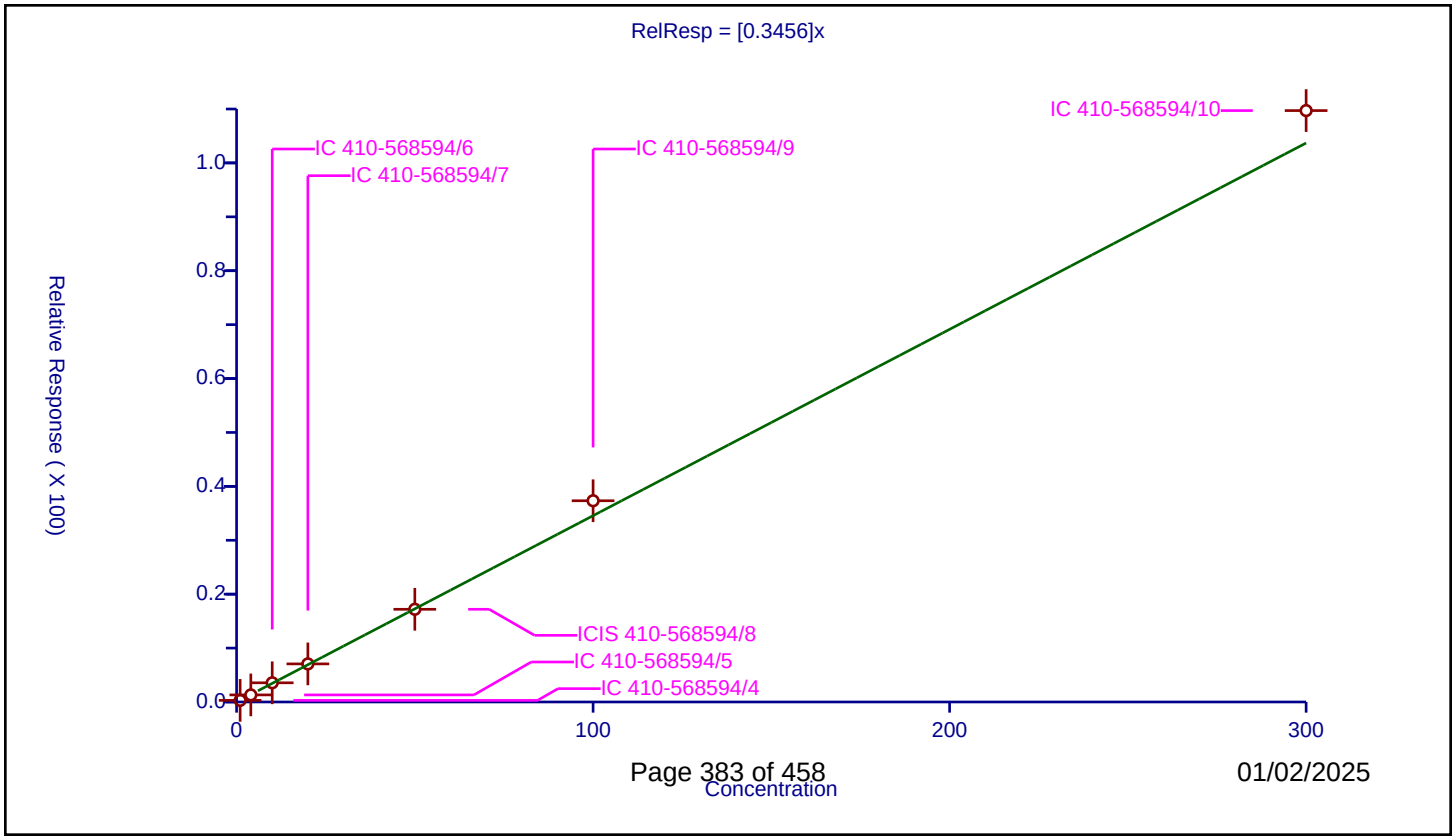
Curve Coefficients

Intercept:	0
Slope:	0.3456

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	0.298466	50.0	221801.0	0.298466	Y
2	IC 410-568594/5	4.0	1.314824	50.0	223566.0	0.328706	Y
3	IC 410-568594/6	10.0	3.560251	50.0	224942.0	0.356025	Y
4	IC 410-568594/7	20.0	7.067956	50.0	222674.0	0.353398	Y
5	ICIS 410-568594/8	50.0	17.196498	50.0	255427.0	0.34393	Y
6	IC 410-568594/9	100.0	37.330009	50.0	220379.0	0.3733	Y
7	IC 410-568594/10	300.0	109.707473	50.0	259156.0	0.365692	Y



Calibration / Naphthalene

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

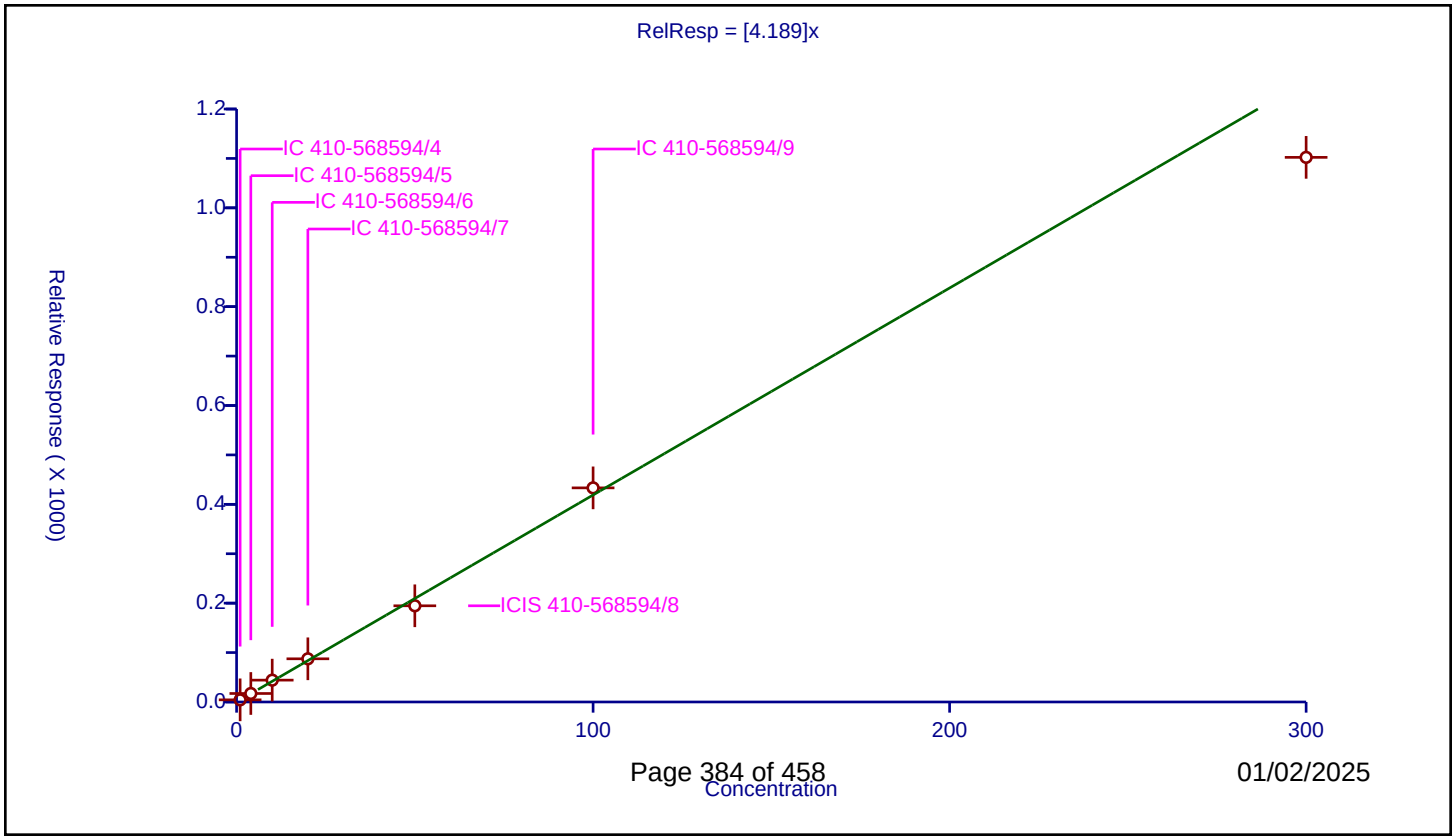
Curve Coefficients

Intercept:	0
Slope:	4.189

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	4.330909	50.0	221801.0	4.330909	Y
2	IC 410-568594/5	4.0	17.207447	50.0	223566.0	4.301862	Y
3	IC 410-568594/6	10.0	44.197171	50.0	224942.0	4.419717	Y
4	IC 410-568594/7	20.0	87.386493	50.0	222674.0	4.369325	Y
5	ICIS 410-568594/8	50.0	194.669514	50.0	255427.0	3.89339	Y
6	IC 410-568594/9	100.0	433.338249	50.0	220379.0	4.333382	Y
7	IC 410-568594/10	300.0	1102.156616	50.0	259156.0	3.673855	Y



Calibration / 1,2,3-Trichlorobenzene

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

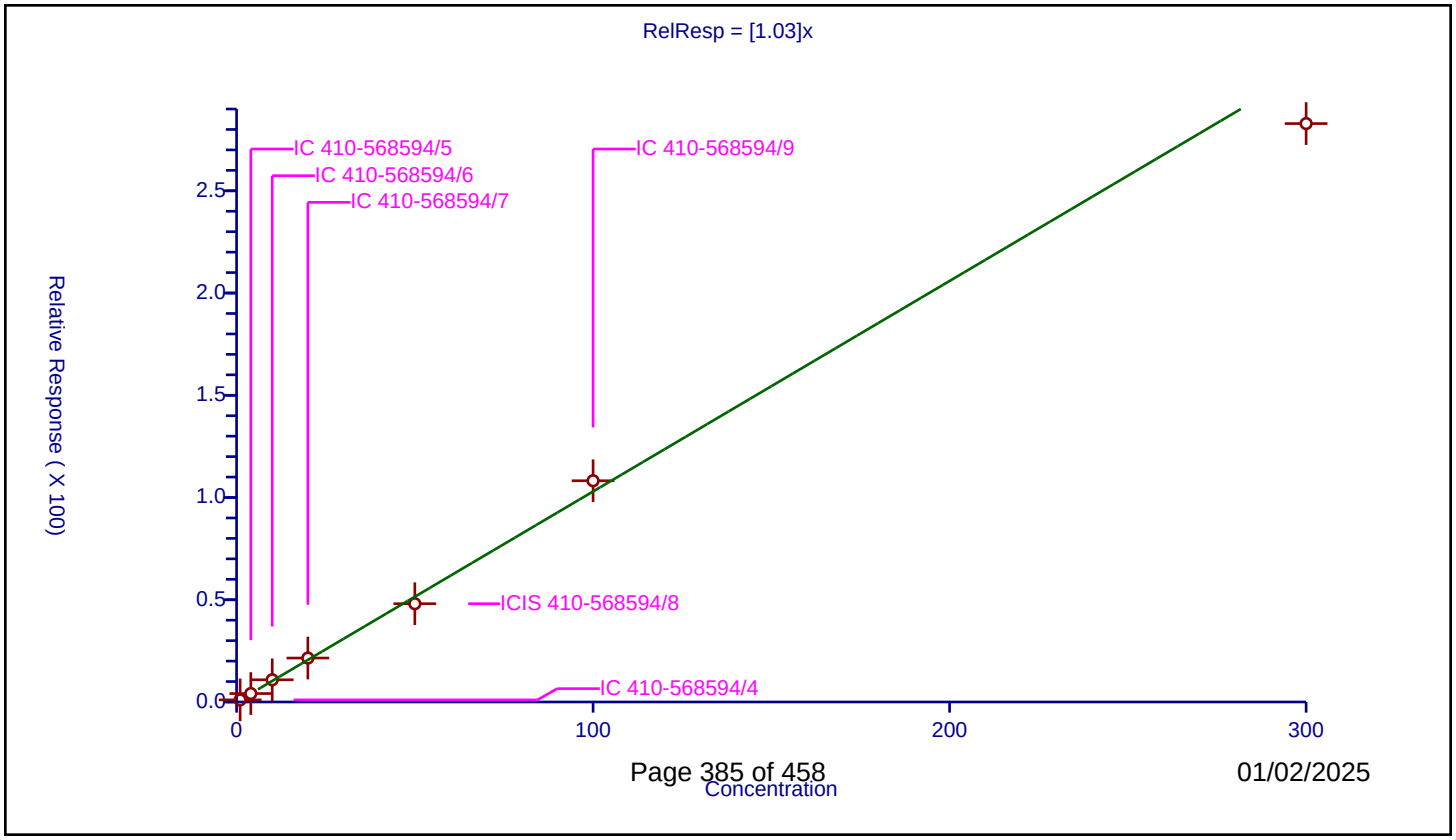
Curve Coefficients

Intercept:	0
Slope:	1.03

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	1.027723	50.0	221801.0	1.027723	Y
2	IC 410-568594/5	4.0	4.1301	50.0	223566.0	1.032525	Y
3	IC 410-568594/6	10.0	10.860577	50.0	224942.0	1.086058	Y
4	IC 410-568594/7	20.0	21.484996	50.0	222674.0	1.07425	Y
5	ICIS 410-568594/8	50.0	48.064026	50.0	255427.0	0.961281	Y
6	IC 410-568594/9	100.0	108.200418	50.0	220379.0	1.082004	Y
7	IC 410-568594/10	300.0	282.885405	50.0	259156.0	0.942951	Y



Calibration / 2-Methylnaphthalene

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

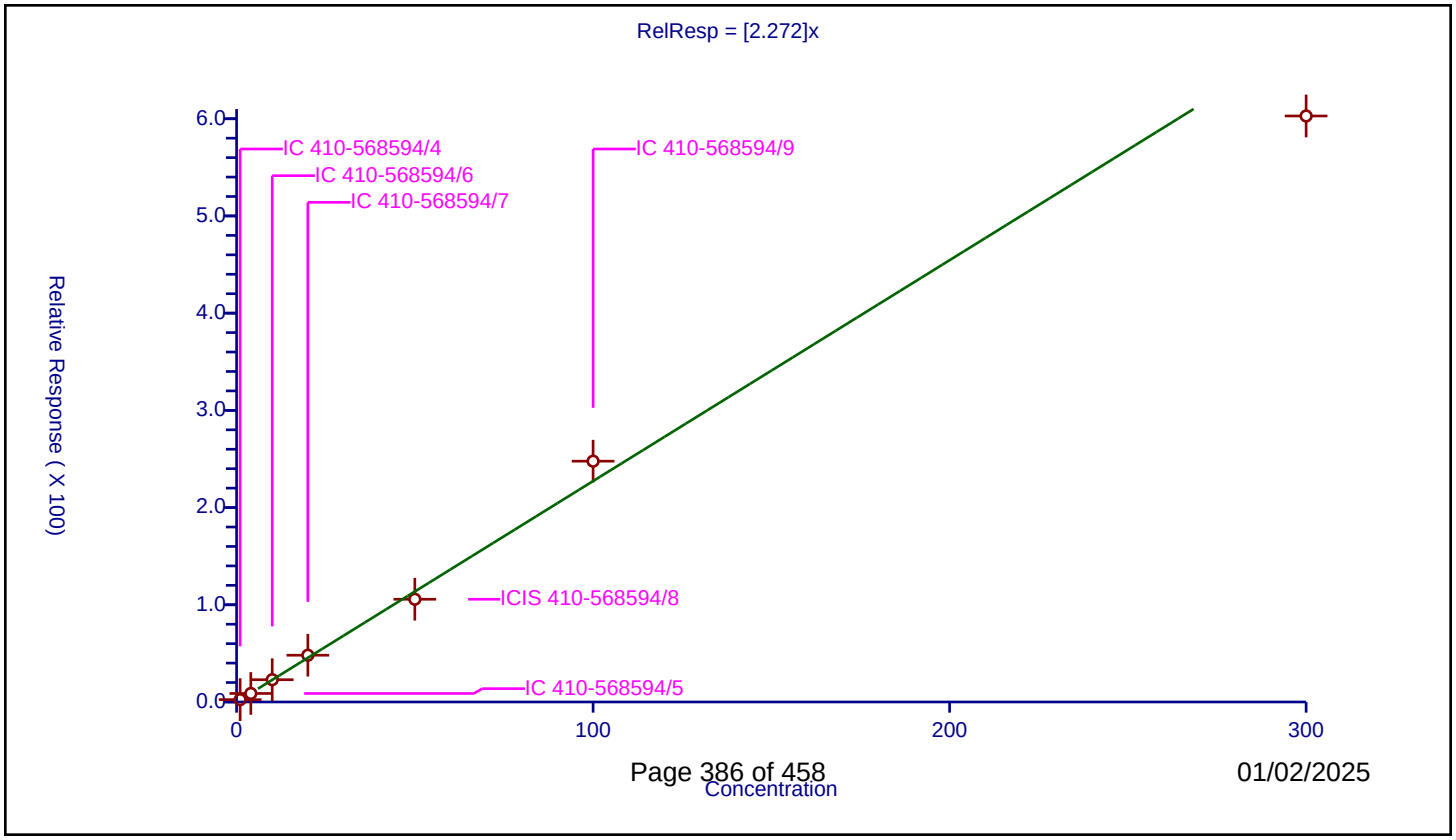
Curve Coefficients

Intercept:	0
Slope:	2.272

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-568594/4	1.0	2.414101	50.0	221801.0	2.414101	Y
2	IC 410-568594/5	4.0	8.775708	50.0	223566.0	2.193927	Y
3	IC 410-568594/6	10.0	22.929466	50.0	224942.0	2.292947	Y
4	IC 410-568594/7	20.0	48.107098	50.0	222674.0	2.405355	Y
5	ICIS 410-568594/8	50.0	105.687339	50.0	255427.0	2.113747	Y
6	IC 410-568594/9	100.0	247.726417	50.0	220379.0	2.477264	Y
7	IC 410-568594/10	300.0	602.83092	50.0	259156.0	2.009436	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab Sample ID: ICV 410-568594/12 Calibration Date: 10/28/2024 19:08

Instrument ID: 15830 Calib Start Date: 10/28/2024 16:32

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 10/28/2024 18:29

Lab File ID: FC28X11.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	0.4063	0.3313	0.1000	16.3	20.0	-18.5	30.0
Chloromethane	Ave	0.4295	0.3721	0.1000	17.3	20.0	-13.4	30.0
1,3-Butadiene	Ave	0.4528	0.4025		17.8	20.0	-11.1	30.0
Vinyl chloride	Ave	0.3524	0.3007	0.1000	17.1	20.0	-14.7	30.0
Bromomethane	Ave	0.2634	0.2262	0.1000	17.2	20.0	-14.1	30.0
Chloroethane	Ave	0.2069	0.1921	0.1000	18.6	20.0	-7.1	30.0
n-Pentane	Ave	0.4321	0.3885		18.0	20.0	-10.1	30.0
Dichlorofluoromethane	Ave	0.6458	0.5755		17.8	20.0	-10.9	30.0
Trichlorofluoromethane	Ave	0.5250	0.4838	0.1000	18.4	20.0	-7.9	30.0
Freon 123a	Ave	0.3525	0.3223		18.3	20.0	-8.6	30.0
Acrolein	Ave	0.6544	0.8545		196	150	30.6*	30.0
1,1-Dichloroethene	Ave	0.2552	0.2771	0.1000	21.7	20.0	8.6	30.0
Acetone	Ave	0.4222	0.4302	0.1000	255	250	1.9	30.0
Freon 113	Ave	0.2838	0.2808	0.1000	19.8	20.0	-1.1	30.0
Methyl iodide	Ave	0.5467	0.5047		18.5	20.0	-7.7	30.0
2-Propanol	Ave	0.3704	0.4057		164	150	9.5	30.0
Carbon disulfide	Ave	0.7816	0.7457	0.1000	19.1	20.0	-4.6	30.0
Allyl chloride	Ave	0.4317	0.3789		17.6	20.0	-12.2	30.0
Methyl acetate	Ave	0.3536	0.3527	0.1000	19.9	20.0	-0.3	30.0
Methylene Chloride	Ave	0.2868	0.2962	0.1000	20.7	20.0	3.3	30.0
t-Butyl alcohol	Ave	0.9783	0.9266		189	200	-5.3	30.0
Acrylonitrile	Ave	0.1802	0.1811		101	100	0.5	30.0
trans-1,2-Dichloroethene	Ave	0.2785	0.2905	0.1000	20.9	20.0	4.3	30.0
Methyl tert-butyl ether	Ave	0.8308	0.7869	0.1000	18.9	20.0	-5.3	30.0
n-Hexane	Ave	0.3396	0.3078		18.1	20.0	-9.4	30.0
1,1-Dichloroethane	Ave	0.4678	0.4873	0.2000	20.8	20.0	4.2	30.0
Isopropyl ether	Ave	0.7393	0.6925		18.7	20.0	-6.3	30.0
2-Chloro-1,3-butadiene	Ave	0.4289	0.4029		18.8	20.0	-6.1	30.0
Ethyl t-butyl ether	Ave	0.8201	0.7599		18.5	20.0	-7.3	30.0
2-Butanone (MEK)	Ave	0.2556	0.2484	0.1000	243	250	-2.8	30.0
cis-1,2-Dichloroethene	Ave	0.3183	0.3158	0.1000	19.8	20.0	-0.8	30.0
2,2-Dichloropropane	Ave	0.4579	0.4524		19.8	20.0	-1.2	30.0
Propionitrile	Ave	0.6379	0.6782		159	150	6.3	30.0
Methacrylonitrile	Ave	0.1575	0.1594		152	150	1.2	30.0
Bromochloromethane	Ave	0.1607	0.1645		20.5	20.0	2.4	30.0
Tetrahydrofuran	Ave	0.6561	0.6544		99.7	100	-0.3	30.0
Chloroform	Ave	0.5002	0.4972	0.2000	19.9	20.0	-0.6	30.0
1,1,1-Trichloroethane	Ave	0.4678	0.4740	0.1000	20.3	20.0	1.3	30.0
Cyclohexane	Ave	0.4733	0.4509	0.1000	19.1	20.0	-4.7	30.0
1,1-Dichloropropene	Ave	0.3607	0.3525		19.5	20.0	-2.3	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab Sample ID: ICV 410-568594/12 Calibration Date: 10/28/2024 19:08

Instrument ID: 15830 Calib Start Date: 10/28/2024 16:32

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 10/28/2024 18:29

Lab File ID: FC28X11.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	0.4098	0.4167	0.1000	20.3	20.0	1.7	30.0
Isobutyl alcohol	Ave	0.2478	0.2310		466	500	-6.8	30.0
Benzene	Ave	0.9763	0.9781	0.5000	20.0	20.0	0.2	30.0
1,2-Dichloroethane	Ave	0.3730	0.3642	0.1000	19.5	20.0	-2.4	30.0
t-Amyl methyl ether	Ave	0.8001	0.7617		19.0	20.0	-4.8	30.0
n-Heptane	Ave	0.1780	0.1546		17.4	20.0	-13.1	30.0
n-Butanol	Ave	0.2076	0.2013		970	1000	-3.0	30.0
Trichloroethene	Ave	0.2601	0.2619	0.2000	20.1	20.0	0.7	30.0
Methylcyclohexane	Ave	0.4881	0.4616	0.1000	18.9	20.0	-5.4	30.0
1,2-Dichloropropane	Ave	0.2164	0.2138	0.1000	19.8	20.0	-1.2	30.0
t-Amyl ethyl ether	Ave	0.4281	0.4141		19.3	20.0	-3.3	30.0
1,4-Dioxane	Ave	0.0561	0.0538	0.0050	479	500	-4.2	30.0
Methyl methacrylate	Ave	0.2004	0.1794		17.9	20.0	-10.5	30.0
Dibromomethane	Ave	0.1658	0.1657		20.0	20.0	-0.0	30.0
Bromodichloromethane	Ave	0.2990	0.2951	0.2000	19.7	20.0	-1.3	30.0
2-Nitropropane	Ave	1.065	0.9469		17.8	20.0	-11.1	30.0
2-Chloroethyl vinyl ether	Ave	0.1380	0.1278		18.5	20.0	-7.4	30.0
cis-1,3-Dichloropropene	Ave	0.3198	0.2955	0.2000	18.5	20.0	-7.6	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4077	0.3989	0.1000	245	250	-2.2	30.0
Toluene	Ave	0.8272	0.8336	0.4000	20.2	20.0	0.8	30.0
trans-1,3-Dichloropropene	Ave	0.4347	0.4337	0.1000	20.0	20.0	-0.2	30.0
Ethyl methacrylate	Ave	0.4976	0.4697		18.9	20.0	-5.6	30.0
1,1,2-Trichloroethane	Ave	0.2823	0.2832	0.1000	20.1	20.0	0.3	30.0
Tetrachloroethene	Ave	0.4128	0.4097	0.2000	19.8	20.0	-0.8	30.0
1,3-Dichloropropane	Ave	0.4515	0.4415		19.6	20.0	-2.2	30.0
2-Hexanone	Ave	0.4486	0.4482	0.1000	250	250	-0.0	30.0
Dibromochloromethane	Ave	0.3328	0.3271		19.7	20.0	-1.7	30.0
1,2-Dibromoethane (EDB)	Ave	0.3112	0.3115	0.1000	20.0	20.0	0.1	30.0
Chlorobenzene	Ave	0.9229	0.9322	0.5000	20.2	20.0	1.0	30.0
1-Chlorohexane	Ave	0.4484	0.4324		19.3	20.0	-3.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.4123	0.4279		20.8	20.0	3.8	30.0
Ethylbenzene	Ave	1.712	1.704	0.1000	19.9	20.0	-0.5	30.0
m&p-Xylene	Ave	0.6767	0.6752	0.1000	39.9	40.0	-0.2	30.0
o-Xylene	Ave	0.7264	0.7265	0.3000	20.0	20.0	0.0	30.0
Styrene	Ave	1.005	1.029	0.3000	20.5	20.0	2.4	30.0
Bromoform	Ave	0.2521	0.2540	0.1000	20.1	20.0	0.7	30.0
Isopropylbenzene	Ave	1.780	2.054	0.1000	23.1	20.0	15.4	30.0
Bromobenzene	Ave	0.6782	0.6627		19.5	20.0	-2.3	30.0
1,1,2,2-Tetrachloroethane	Ave	0.8904	0.8838	0.3000	19.9	20.0	-0.7	30.0
trans-1,4-Dichloro-2-butene	Ave	0.2339	0.2355		101	100	0.7	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab Sample ID: ICV 410-568594/12 Calibration Date: 10/28/2024 19:08

Instrument ID: 15830 Calib Start Date: 10/28/2024 16:32

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 10/28/2024 18:29

Lab File ID: FC28X11.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	0.3091	0.2962		19.2	20.0	-4.2	30.0
N-Propylbenzene	Ave	3.372	3.352		19.9	20.0	-0.6	30.0
2-Chlorotoluene	Ave	0.7284	0.7174		19.7	20.0	-1.5	30.0
1,3,5-Trimethylbenzene	Ave	2.631	2.629		20.0	20.0	-0.0	30.0
4-Chlorotoluene	Ave	0.6667	0.6593		19.8	20.0	-1.1	30.0
tert-Butylbenzene	Ave	0.5296	0.5209		19.7	20.0	-1.6	30.0
1,2,4-Trimethylbenzene	Ave	2.654	2.595		19.6	20.0	-2.2	30.0
sec-Butylbenzene	Ave	3.161	3.125		19.8	20.0	-1.1	30.0
1,3-Dichlorobenzene	Ave	1.308	1.294	0.6000	19.8	20.0	-1.0	30.0
p-Isopropyltoluene	Ave	2.811	2.757		19.6	20.0	-1.9	30.0
1,4-Dichlorobenzene	Ave	1.318	1.299	0.5000	19.7	20.0	-1.5	30.0
1,2,3-Trimethylbenzene	Ave	2.730	2.635		19.3	20.0	-3.5	30.0
Benzyl chloride	Ave	1.874	1.802		19.2	20.0	-3.8	30.0
1,3-Diethylbenzene	Ave	1.568	1.568		20.0	20.0	0.0	30.0
1,4-Diethylbenzene	Ave	1.617	1.646		20.4	20.0	1.8	30.0
n-Butylbenzene	Ave	1.215	1.217		20.0	20.0	0.2	30.0
1,2-Dichlorobenzene	Ave	1.351	1.352	0.4000	20.0	20.0	0.1	30.0
1,2-Diethylbenzene	Ave	1.323	1.305		19.7	20.0	-1.4	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3451	0.3118	0.0500	18.1	20.0	-9.7	30.0
1,3,5-Trichlorobenzene	Ave	0.9798	1.034		21.1	20.0	5.5	30.0
1,2,4-Trichlorobenzene	Ave	0.9941	1.059	0.2000	21.3	20.0	6.6	30.0
Hexachlorobutadiene	Ave	0.3456	0.4618		26.7	20.0	33.6*	30.0
Naphthalene	Ave	4.189	4.127		19.7	20.0	-1.5	30.0
1,2,3-Trichlorobenzene	Ave	1.030	1.094		21.3	20.0	6.3	30.0
2-Methylnaphthalene	Ave	2.272	2.950		26.0	20.0	29.8	30.0
Dibromofluoromethane (Surr)	Ave	0.3011	0.3043		50.5	50.0	1.1	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0699	0.0712		50.9	50.0	1.9	30.0
Toluene-d8 (Surr)	Ave	1.353	1.366		50.5	50.0	1.0	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5189	0.5299		51.1	50.0	2.1	30.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 28-Oct-2024 19:08:23 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: ICV
Misc. Info.: 410-0129020-012
Operator ID: MEC29284 Instrument ID: 15830
Sublist:

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 30-Oct-2024 14:37:00 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1633

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.018	1.018	0.000	97	74310	20.0	16.3	
2 Chloromethane	50	1.127	1.133	-0.006	99	83472	20.0	17.3	M
4 Butadiene	39	1.188	1.191	-0.003	90	90296	20.0	17.8	
3 Vinyl chloride	62	1.191	1.198	-0.007	98	67461	20.0	17.1	
5 Bromomethane	94	1.371	1.381	-0.010	91	50740	20.0	17.2	
6 Chloroethane	64	1.387	1.397	-0.010	99	43096	20.0	18.6	
8 Pentane	43	1.542	1.555	-0.013	96	87151	20.0	18.0	
16 Dichlorofluoromethane	67	1.555	1.564	-0.009	99	129084	20.0	17.8	
7 Trichlorofluoromethane	101	1.583	1.590	-0.007	97	108523	20.0	18.4	
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.764	1.760	0.004	93	72289	20.0	18.3	
9 Acrolein	56	1.773	1.786	-0.013	99	173610	150.3	196.3	
10 1,1-Dichloroethene	96	1.860	1.870	-0.010	61	62168	20.0	21.7	
11 Acetone	58	1.886	1.889	-0.003	100	145327	250.0	254.7	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.895	-0.009	90	62990	20.0	19.8	
13 Iodomethane	142	1.963	1.973	-0.010	100	113219	20.0	18.5	
15 Isopropyl alcohol	45	1.979	2.031	-0.051	94	82245	150.0	164.3	Ma
14 Carbon disulfide	76	2.037	2.053	-0.016	99	167266	20.0	19.1	M
18 Methyl acetate	43	2.098	2.104	-0.006	76	79110	20.0	19.9	
17 3-Chloro-1-propene	41	2.098	2.108	-0.010	88	85004	20.0	17.6	
19 Methylene Chloride	84	2.233	2.227	0.006	91	66434	20.0	20.7	
* 20 t-Butyl alcohol-d10 (IS)	65	2.227	2.294	-0.067	89	337848	250.0	250.0	
21 2-Methyl-2-propanol	59	2.365	2.358	0.007	91	250452	200.0	189.4	
23 Acrylonitrile	53	2.391	2.397	-0.006	98	203127	100.0	100.5	M
24 trans-1,2-Dichloroethene	96	2.403	2.416	-0.013	98	65161	20.0	20.9	
25 Methyl tert-butyl ether	73	2.407	2.420	-0.013	86	176515	20.0	18.9	
26 Hexane	57	2.622	2.632	-0.010	96	69034	20.0	18.1	
27 1,1-Dichloroethane	63	2.747	2.754	-0.007	95	109303	20.0	20.8	
28 Isopropyl ether	45	2.792	2.802	-0.010	91	155334	20.0	18.7	
29 2-Chloro-1,3-butadiene	53	2.805	2.809	-0.004	91	90367	20.0	18.8	
30 Tert-butyl ethyl ether	59	3.072	3.082	-0.010	97	170461	20.0	18.5	
32 2-Butanone (MEK)	43	3.162	3.162	0.000	99	696464	250.0	243.0	M

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 cis-1,2-Dichloroethene	96	3.198	3.204	-0.006	79	70837	20.0	19.8	
33 2,2-Dichloropropane	77	3.223	3.227	-0.004	83	101471	20.0	19.8	
34 Propionitrile	54	3.262	3.262	0.000	98	137486	150.0	159.5	M
35 Methacrylonitrile	67	3.368	3.375	-0.006	92	268182	150.0	151.8	M
36 Chlorobromomethane	128	3.384	3.391	-0.007	87	36908	20.0	20.5	
37 Tetrahydrofuran	71	3.400	3.407	-0.007	77	88438	100.0	99.7	M
39 Chloroform	83	3.477	3.484	-0.007	93	111537	20.0	19.9	
40 1,1,1-Trichloroethane	97	3.606	3.606	0.000	94	106321	20.0	20.3	
$ 41 Dibromofluoromethane (Surr)	113	3.603	3.609	-0.006	94	170630	50.0	50.5	
42 Cyclohexane	56	3.661	3.661	0.000	90	101139	20.0	19.1	
43 Carbon tetrachloride	117	3.728	3.725	0.003	83	93471	20.0	20.3	
44 1,1-Dichloropropene	75	3.725	3.728	-0.003	94	79064	20.0	19.5	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.863	3.873	-0.010	76	39923	50.0	50.9	
45 Isobutyl alcohol	41	3.834	3.876	-0.042	96	156077	500.0	466.1	
47 Benzene	78	3.876	3.883	-0.007	96	219403	20.0	20.0	
48 1,2-Dichloroethane	62	3.931	3.934	-0.003	97	81688	20.0	19.5	
49 Tert-amyl methyl ether	73	4.008	4.008	0.000	97	170852	20.0	19.0	
* 50 Fluorobenzene (IS)	96	4.127	4.133	-0.006	99	560790	50.0	50.0	
51 n-Heptane	43	4.153	4.149	0.003	86	34684	20.0	17.4	M
52 n-Butanol	56	4.381	4.381	0.000	90	272036	1000.0	969.6	
53 Trichloroethene	95	4.426	4.429	-0.003	97	58753	20.0	20.1	
54 Methylcyclohexane	83	4.612	4.616	-0.004	89	103544	20.0	18.9	
55 1,2-Dichloropropane	63	4.638	4.641	-0.003	95	47963	20.0	19.8	
56 2-ethoxy-2-methyl butane	87	4.657	4.661	-0.004	95	92895	20.0	19.3	
58 1,4-Dioxane	88	4.686	4.680	0.006	86	36334	500.0	478.9	M
59 Methyl methacrylate	69	4.699	4.699	0.000	88	40233	20.0	17.9	
57 Dibromomethane	93	4.709	4.712	-0.003	93	37173	20.0	20.0	
60 Dichlorobromomethane	83	4.870	4.870	0.000	99	66204	20.0	19.7	
61 2-Nitropropane	41	5.043	5.040	0.003	99	25593	20.0	17.8	
62 2-Chloroethyl vinyl ether	63	5.114	5.111	0.003	94	28664	20.0	18.5	
63 cis-1,3-Dichloropropene	75	5.230	5.233	-0.003	95	66276	20.0	18.5	
64 4-Methyl-2-pentanone (MIBK)	43	5.378	5.384	-0.006	97	1118437	250.0	244.6	
$ 65 Toluene-d8 (Surr)	98	5.448	5.452	-0.004	93	481883	50.0	50.5	
66 Toluene	92	5.506	5.509	-0.003	98	117591	20.0	20.2	
67 trans-1,3-Dichloropropene	75	5.712	5.709	0.003	94	61174	20.0	20.0	
68 Ethyl methacrylate	69	5.773	5.776	-0.003	88	66254	20.0	18.9	
69 1,1,2-Trichloroethane	97	5.853	5.857	-0.004	92	39957	20.0	20.1	
70 Tetrachloroethene	166	5.905	5.905	0.000	98	57795	20.0	19.8	
71 1,3-Dichloropropane	76	5.972	5.969	0.003	92	62283	20.0	19.6	
73 2-Hexanone	43	6.027	6.027	0.000	96	790315	250.0	249.8	
74 Chlorodibromomethane	129	6.120	6.120	0.000	90	46149	20.0	19.7	
75 Ethylene Dibromide	107	6.191	6.191	0.000	98	43947	20.0	20.0	
* 76 Chlorobenzene-d5 (IS)	117	6.509	6.509	0.000	85	352666	50.0	50.0	
77 Chlorobenzene	112	6.529	6.529	0.000	96	131507	20.0	20.2	
78 1-Chlorohexane	91	6.538	6.538	0.000	96	60997	20.0	19.3	
79 1,1,1,2-Tetrachloroethane	131	6.596	6.596	0.000	93	60362	20.0	20.8	
80 Ethylbenzene	91	6.603	6.603	0.000	98	240365	20.0	19.9	
81 m-Xylene & p-Xylene	106	6.686	6.689	-0.003	99	190488	40.0	39.9	
82 o-Xylene	106	6.924	6.924	0.000	97	102482	20.0	20.0	
83 Styrene	104	6.937	6.937	0.000	95	145170	20.0	20.5	
84 Bromoform	173	7.040	7.040	0.000	96	35824	20.0	20.1	
85 Isopropylbenzene	105	7.149	7.149	0.000	96	289723	20.0	23.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 86 4-Bromofluorobenzene (Surr)	95	7.246	7.246	0.000	91	186886	50.0	51.1	
87 Bromobenzene	156	7.320	7.320	0.000	92	59216	20.0	19.5	
88 1,1,2,2-Tetrachloroethane	83	7.336	7.336	0.000	95	78979	20.0	19.9	
89 trans-1,4-Dichloro-2-butene	53	7.355	7.355	0.000	92	105221	100.0	100.7	
90 1,2,3-Trichloropropane	110	7.361	7.361	0.000	85	26471	20.0	19.2	
91 N-Propylbenzene	91	7.390	7.390	0.000	98	299569	20.0	19.9	
92 2-Chlorotoluene	126	7.435	7.435	0.000	97	64108	20.0	19.7	
93 1,3,5-Trimethylbenzene	105	7.496	7.497	-0.001	94	234913	20.0	20.0	
94 4-Chlorotoluene	126	7.503	7.506	-0.003	98	58912	20.0	19.8	
95 tert-Butylbenzene	134	7.667	7.667	0.000	92	46547	20.0	19.7	
96 1,2,4-Trimethylbenzene	105	7.702	7.702	0.000	97	231911	20.0	19.6	
97 sec-Butylbenzene	105	7.789	7.789	0.000	94	279211	20.0	19.8	
98 1,3-Dichlorobenzene	146	7.850	7.850	0.000	98	115651	20.0	19.8	
99 4-Isopropyltoluene	119	7.876	7.876	0.000	97	246396	20.0	19.6	
* 100 1,4-Dichlorobenzene-d4	152	7.892	7.892	0.000	94	223395	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.905	7.905	0.000	95	116060	20.0	19.7	
102 1,2,3-Trimethylbenzene	105	7.921	7.921	0.000	98	235422	20.0	19.3	
103 Benzyl chloride	91	7.966	7.966	0.000	98	160991	20.0	19.2	
104 1,3-Diethylbenzene	119	8.027	8.027	0.000	95	140142	20.0	20.0	
105 p-Diethylbenzene	119	8.078	8.079	0.000	95	147091	20.0	20.4	
106 n-Butylbenzene	92	8.091	8.091	0.000	98	108749	20.0	20.0	
107 1,2-Dichlorobenzene	146	8.094	8.095	-0.001	99	120852	20.0	20.0	
108 o-diethylbenzene	119	8.127	8.127	0.000	94	116578	20.0	19.7	
109 1,2-Dibromo-3-Chloropropane	75	8.503	8.503	0.000	88	27858	20.0	18.1	
110 1,3,5-Trichlorobenzene	180	8.599	8.599	0.000	97	92381	20.0	21.1	
111 1,2,4-Trichlorobenzene	180	8.914	8.914	0.000	94	94658	20.0	21.3	
112 Hexachlorobutadiene	225	8.988	8.988	0.000	98	41265	20.0	26.7	
113 Naphthalene	128	9.046	9.046	0.000	97	368807	20.0	19.7	
114 1,2,3-Trichlorobenzene	180	9.156	9.156	0.000	96	97790	20.0	21.3	
115 2-Methylnaphthalene	142	9.599	9.599	0.000	92	263587	20.0	26.0	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_VOC#1_00191	Amount Added:	50.00	Units: uL	
MSV_LCS_2CEVE_00196	Amount Added:	50.00	Units: uL	
MSV_LCS_ACROL_00196	Amount Added:	50.00	Units: uL	
MSV_QC_2K_GAS_00273	Amount Added:	1.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

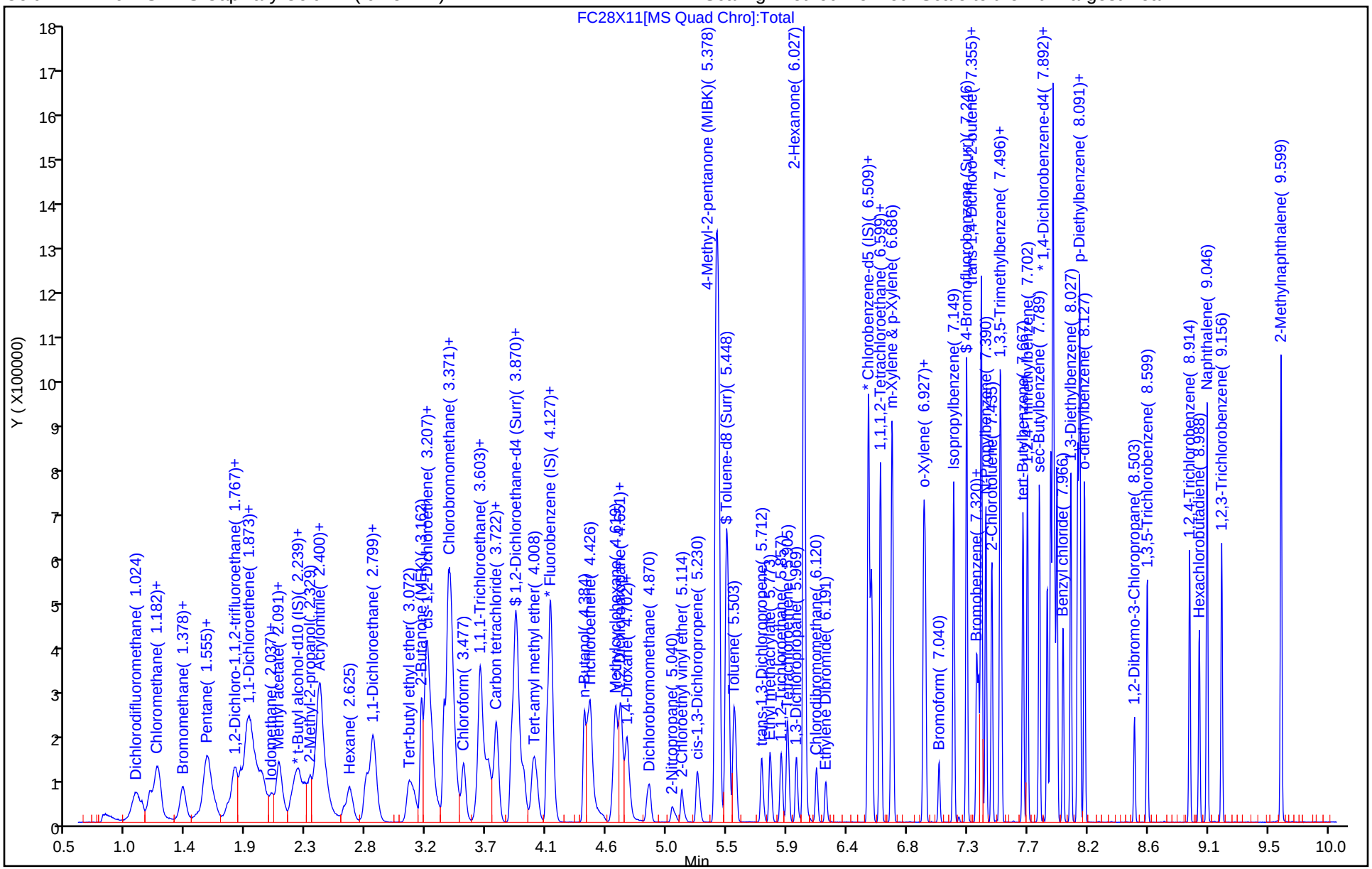
Report Date: 30-Oct-2024 14:37:01 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D

Injection Date:	28-Oct-2024 19:08:23	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	ICV			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

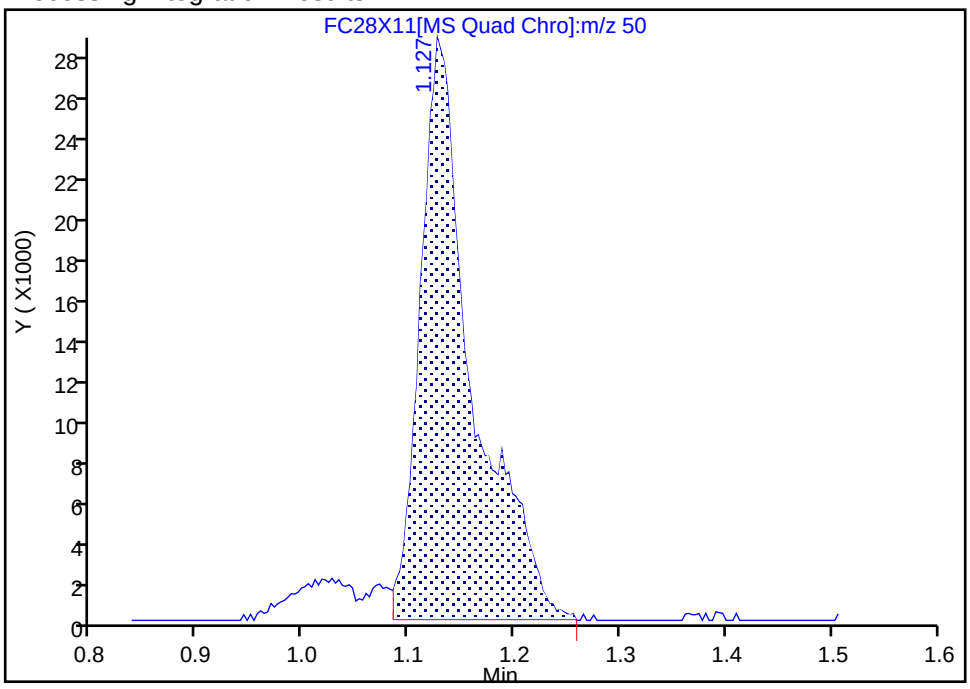
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

2 Chloromethane, CAS: 74-87-3

Signal: 1

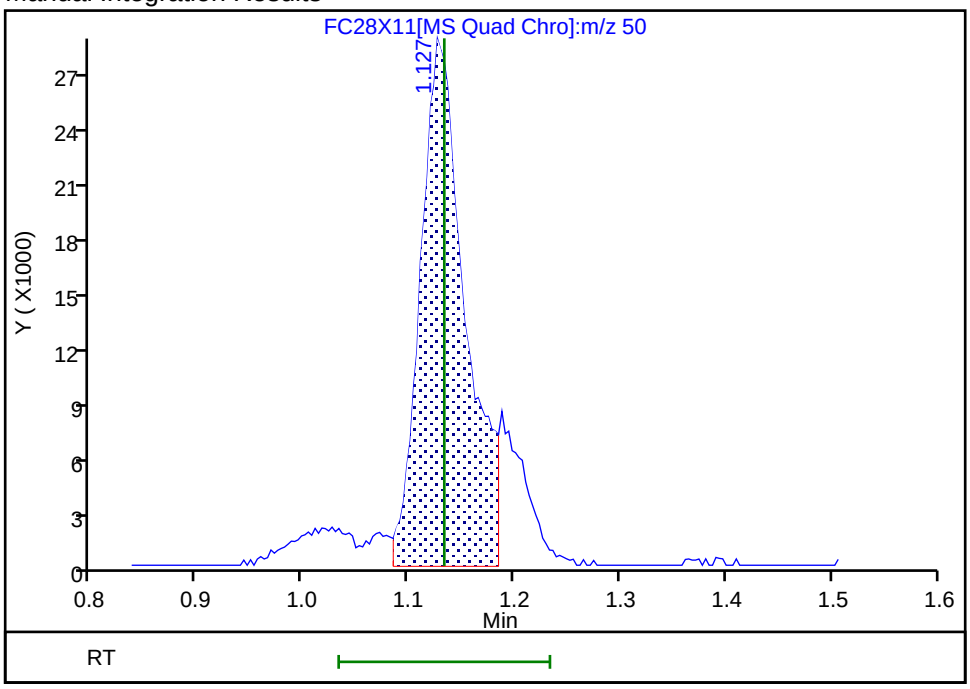
Processing Integration Results

RT: 1.13
Area: 96797
Amount: 20.096108
Amount Units: ug/l



Manual Integration Results

RT: 1.13
Area: 83472
Amount: 17.329694
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:50:30 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

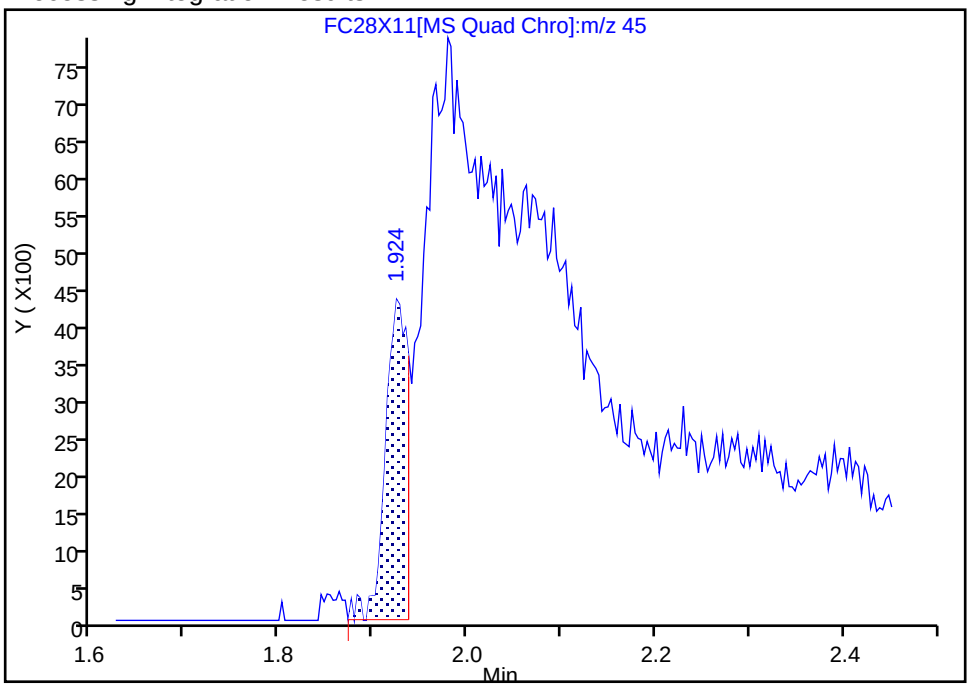
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D				
Injection Date:	28-Oct-2024 19:08:23	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

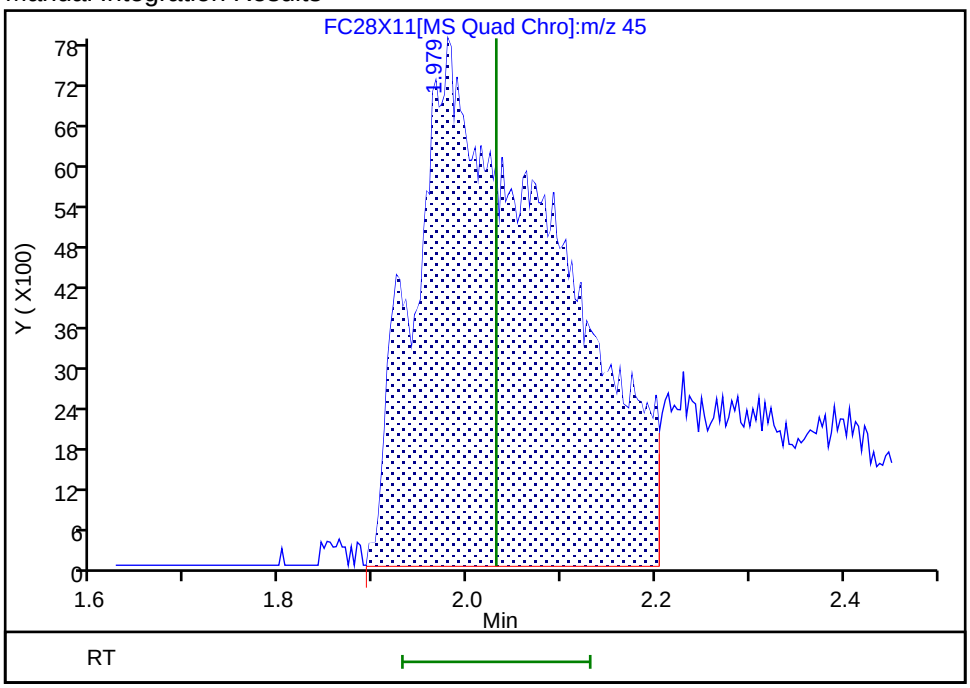
Processing Integration Results

RT: 1.92
Area: 7038
Amount: 14.023396
Amount Units: ug/l



Manual Integration Results

RT: 1.98
Area: 82245
Amount: 164.2881
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:25:48 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

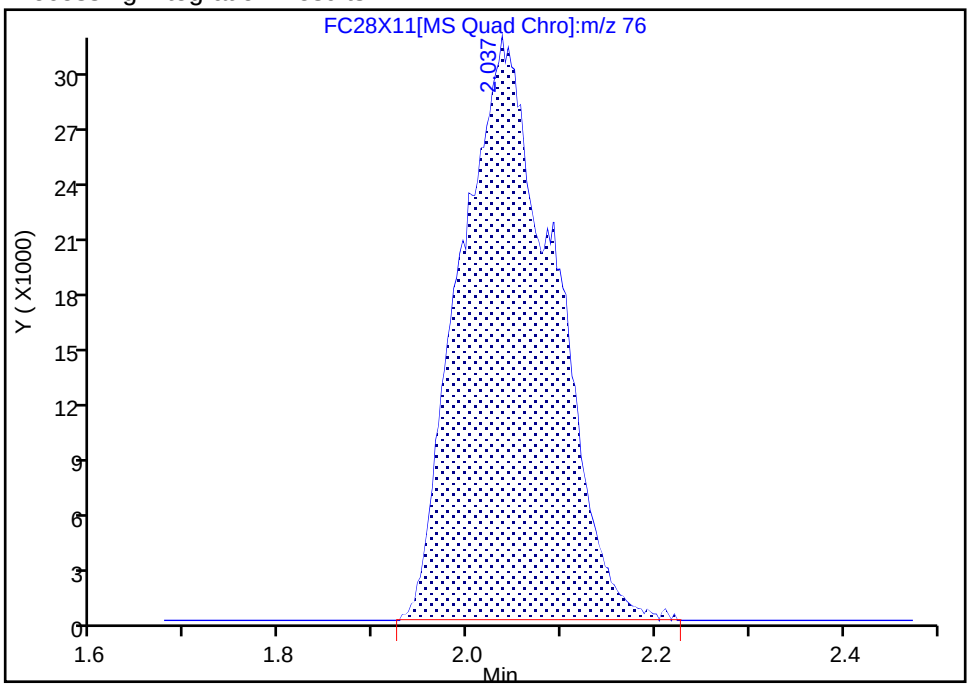
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

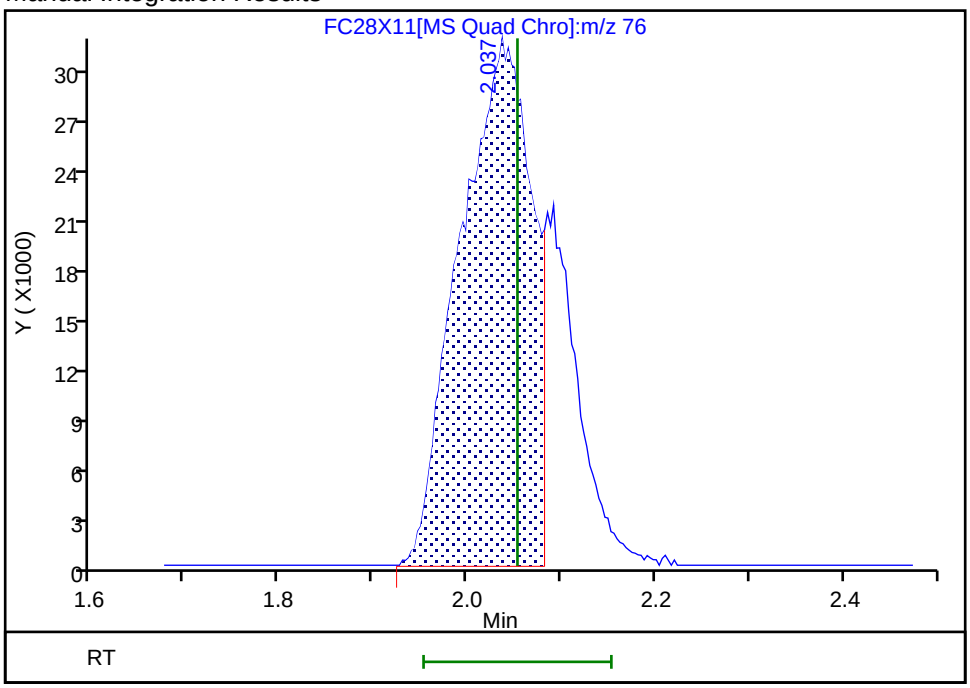
Processing Integration Results

RT: 2.04
Area: 216807
Amount: 24.731895
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 167266
Amount: 19.080588
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:50:53 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

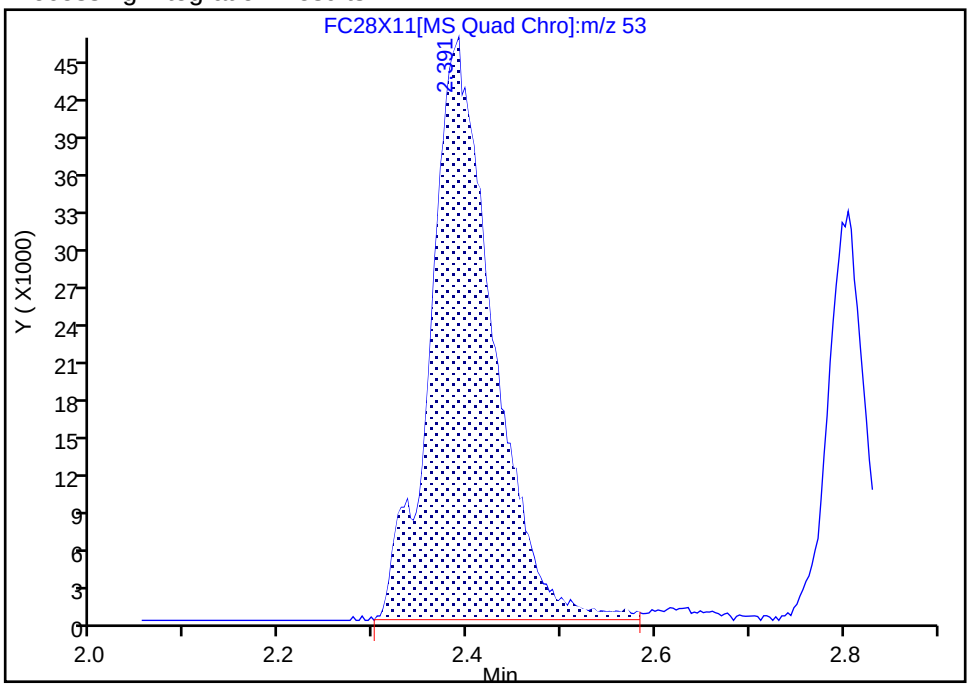
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

23 Acrylonitrile, CAS: 107-13-1

Signal: 1

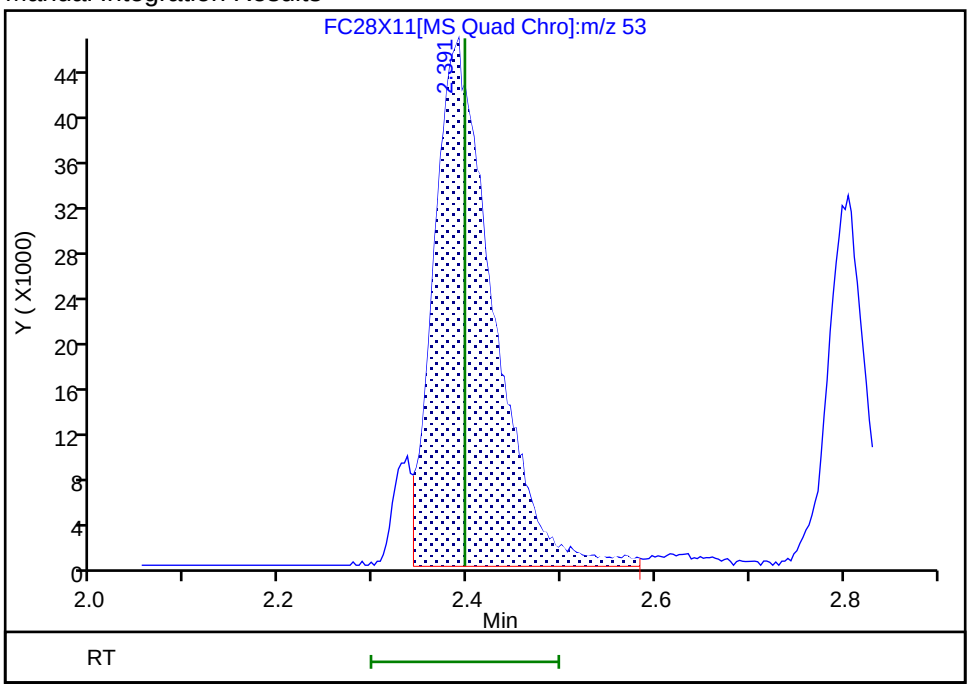
Processing Integration Results

RT: 2.39
Area: 215426
Amount: 106.5866
Amount Units: ug/l



Manual Integration Results

RT: 2.39
Area: 203127
Amount: 100.5013
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:01:45 -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

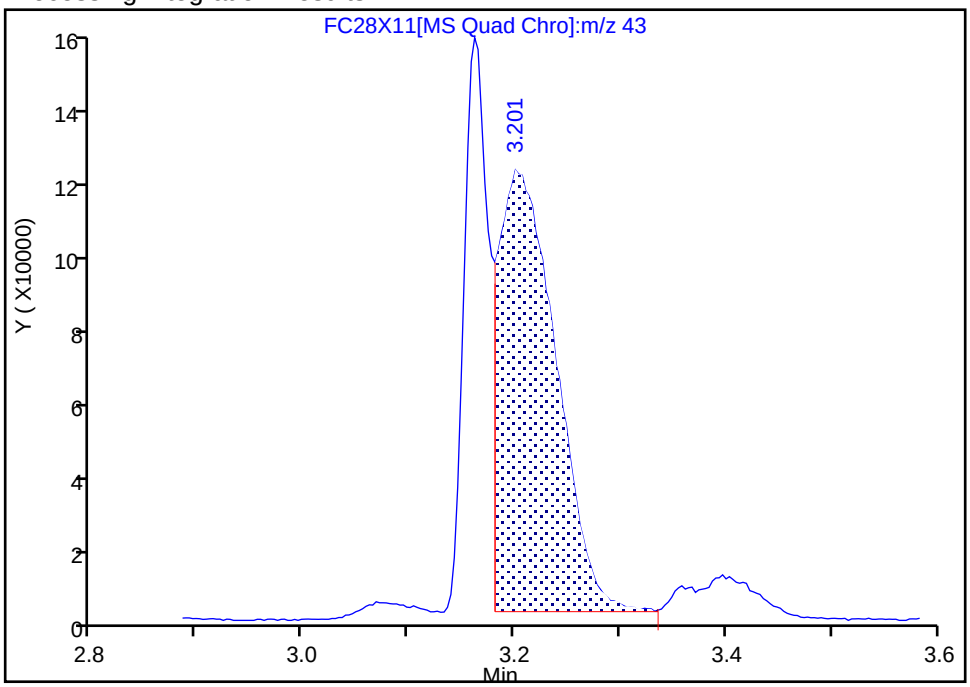
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

32 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

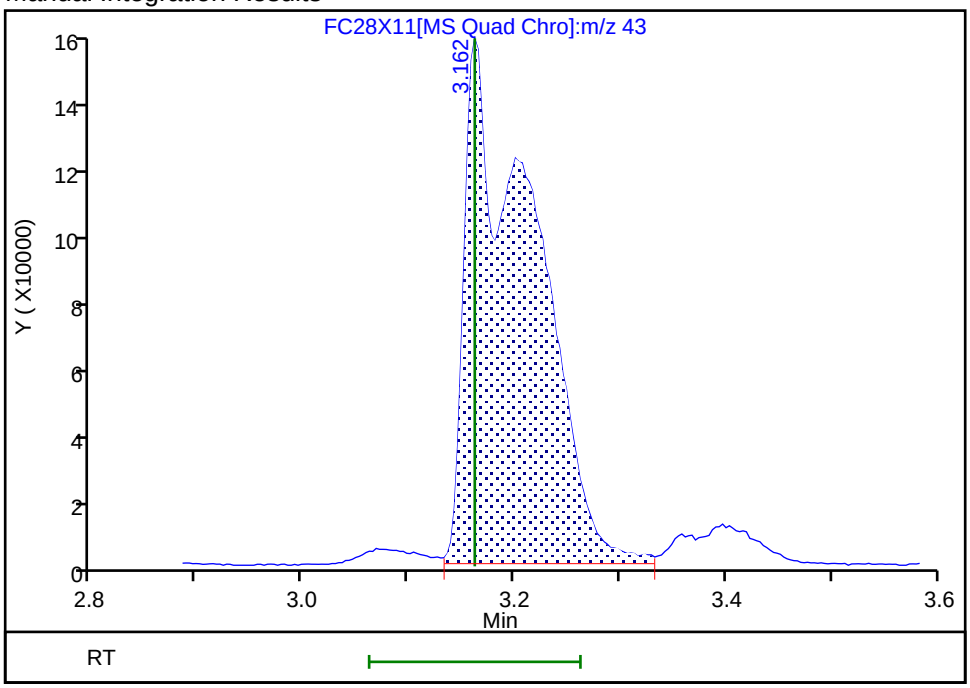
Processing Integration Results

RT: 3.20
Area: 441285
Amount: 153.8884
Amount Units: ug/l



Manual Integration Results

RT: 3.16
Area: 696464
Amount: 242.9846
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:51:12 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

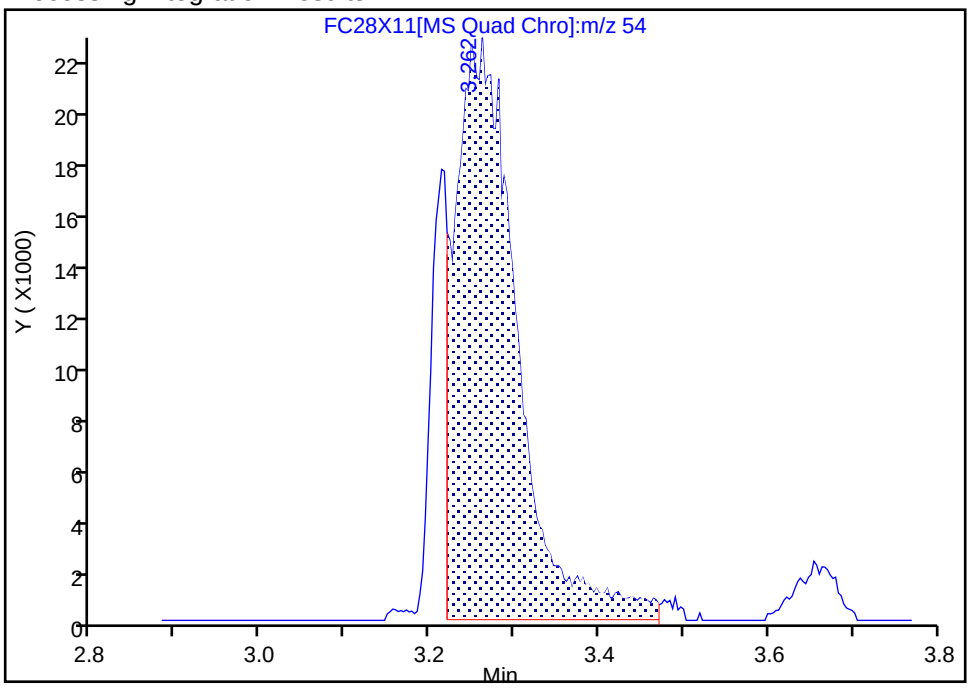
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

34 Propionitrile, CAS: 107-12-0

Signal: 1

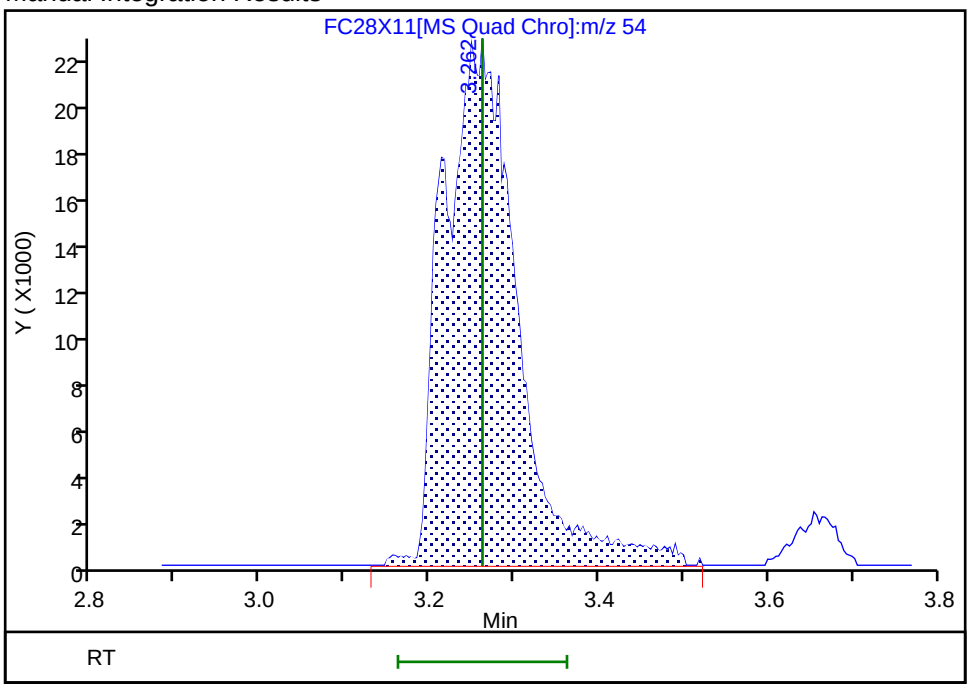
Processing Integration Results

RT: 3.26
Area: 115360
Amount: 133.8286
Amount Units: ug/l



Manual Integration Results

RT: 3.26
Area: 137486
Amount: 159.4969
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:51:21 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

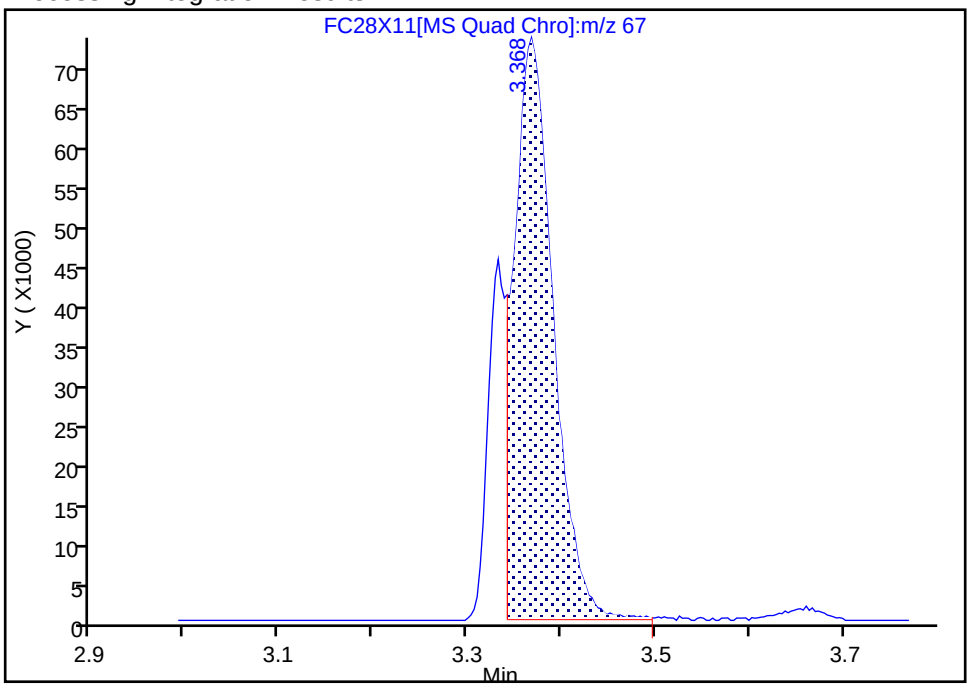
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

35 Methacrylonitrile, CAS: 126-98-7

Signal: 1

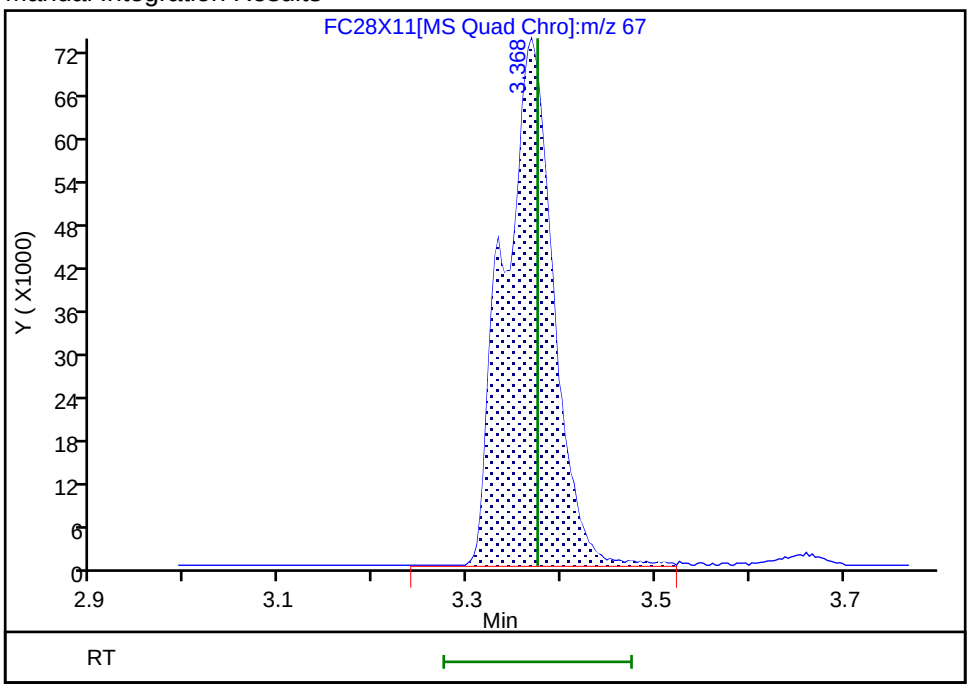
Processing Integration Results

RT: 3.37
Area: 212672
Amount: 120.3822
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 268182
Amount: 151.8034
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:51:30 -04:00:00 (UTC)
Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

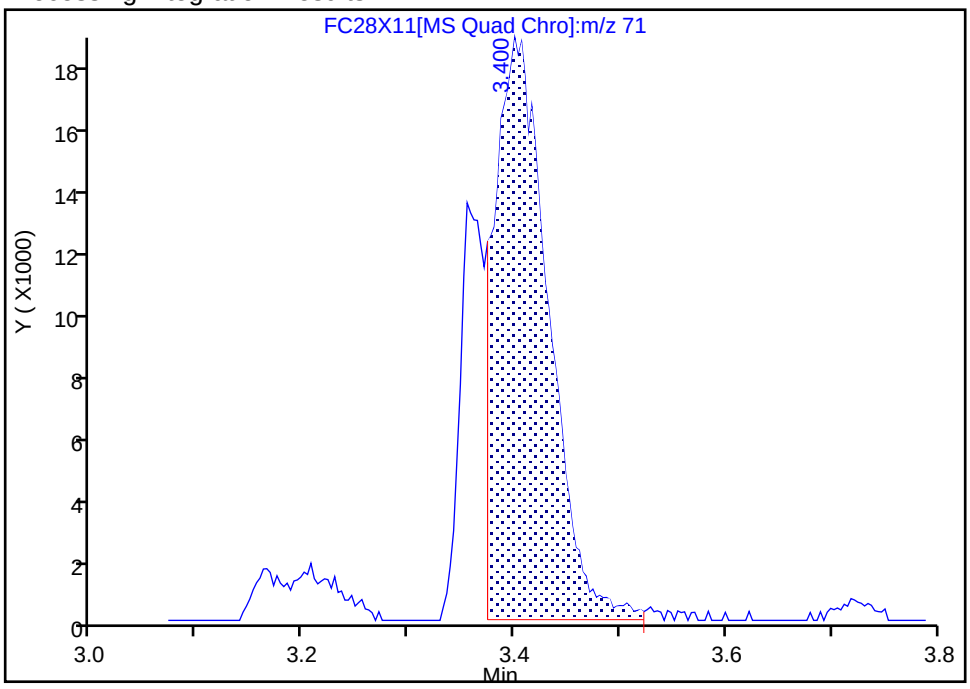
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D				
Injection Date:	28-Oct-2024 19:08:23	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

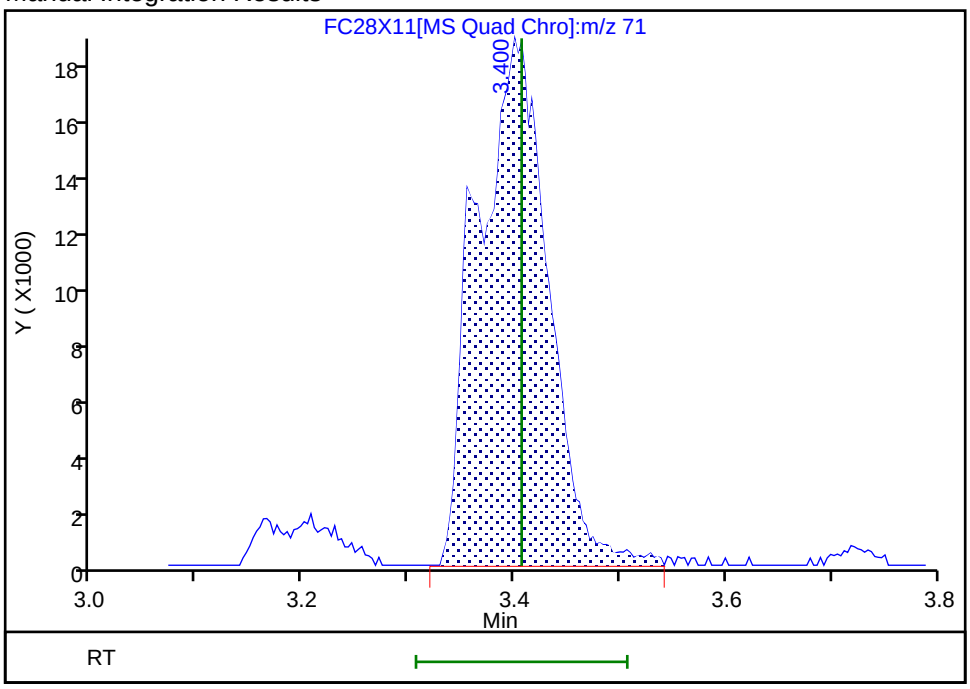
Processing Integration Results

RT: 3.40
Area: 67489
Amount: 76.116300
Amount Units: ug/l



Manual Integration Results

RT: 3.40
Area: 88438
Amount: 99.743267
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:51:39 -04:00:00 (UTC)

Audit Action: Manually Integrated Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

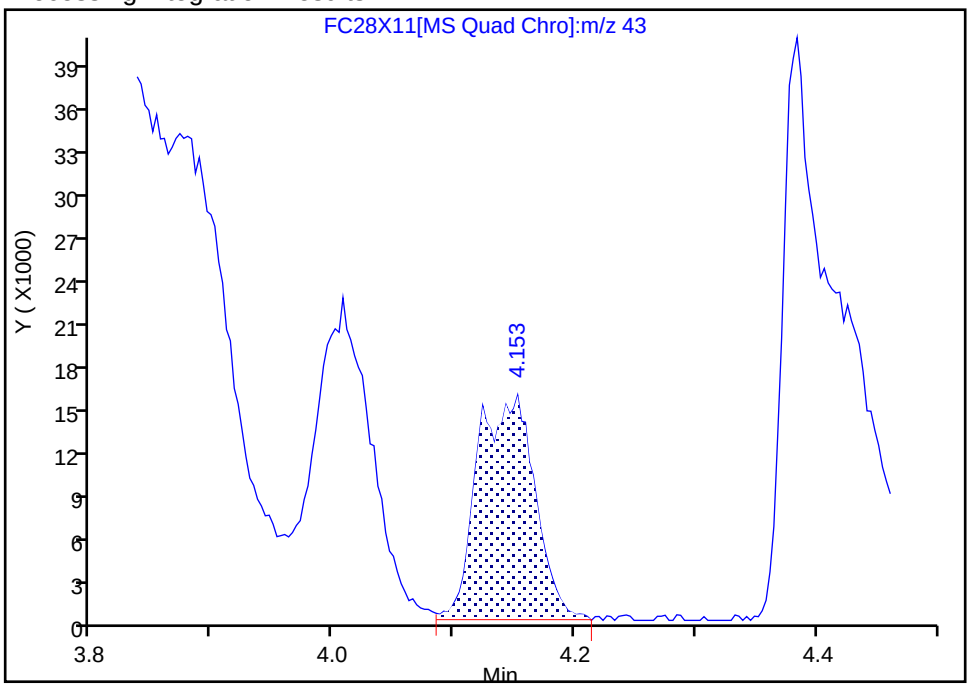
Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D
Injection Date: 28-Oct-2024 19:08:23 Instrument ID: 15830
Lims ID: ICV
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

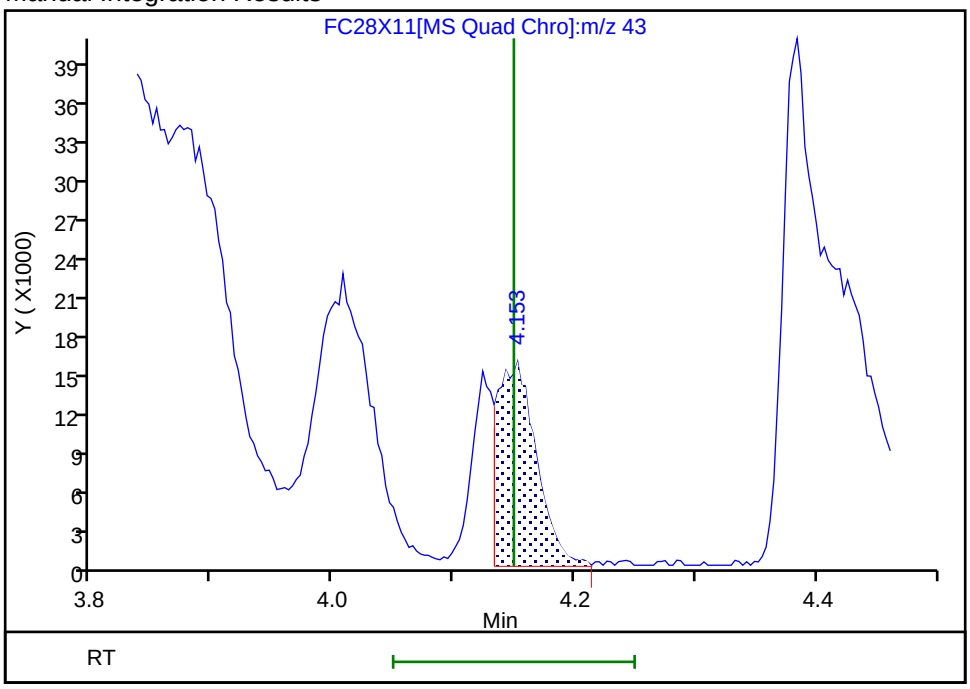
Processing Integration Results

RT: 4.15
Area: 51304
Amount: 26.548897
Amount Units: ug/l



Manual Integration Results

RT: 4.15
Area: 34684
Amount: 17.372131
Amount Units: ug/l



Reviewer: DVW2, 29-Oct-2024 10:51:51 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

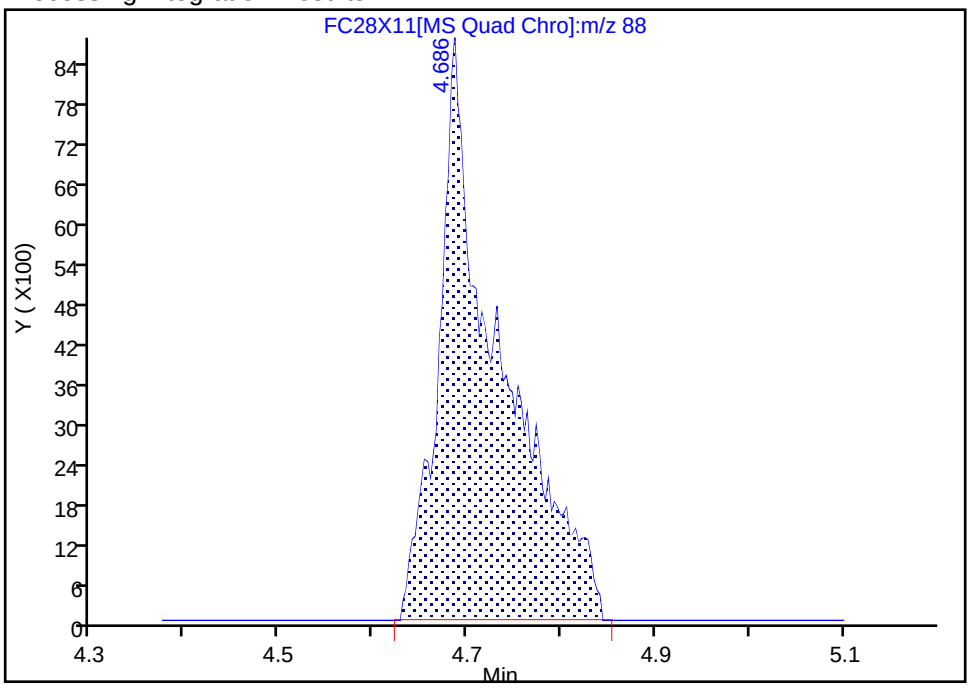
Data File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X11.D				
Injection Date:	28-Oct-2024 19:08:23	Instrument ID:	15830		
Lims ID:	ICV				
Client ID:					
Operator ID:	MEC29284	ALS Bottle#:	0	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

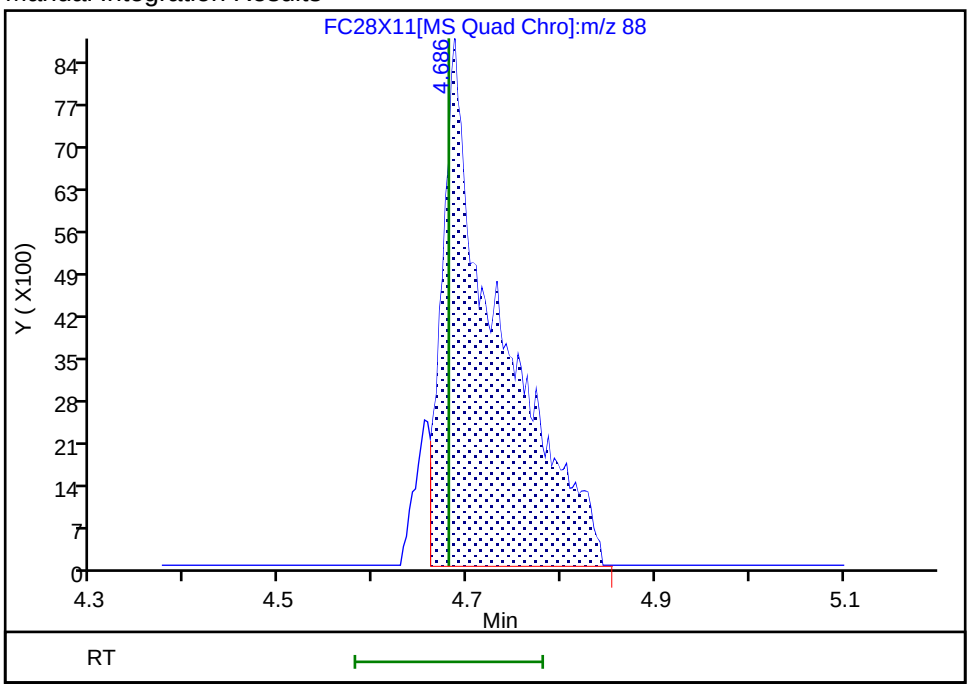
Processing Integration Results

RT: 4.69
Area: 38778
Amount: 511.1127
Amount Units: ug/l



Manual Integration Results

RT: 4.69
Area: 36334
Amount: 478.8996
Amount Units: ug/l



Reviewer: UKEK, 30-Oct-2024 14:25:08 -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.: 410-201496-1

SDG No.:

Lab Sample ID: CCVIS 410-590643/3 Calibration Date: 12/29/2024 19:40

Instrument ID: 15830 Calib Start Date: 10/28/2024 16:32

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 10/28/2024 18:29

Lab File ID: FD29X02.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	0.4063	0.3984	0.1000	49.0	50.0	-1.9	20.0
Chloromethane	Ave	0.4295	0.5662	0.1000	65.9	50.0	31.8*	20.0
1,3-Butadiene	Ave	0.4528	0.4920		54.3	50.0	8.7	20.0
Vinyl chloride	Ave	0.3524	0.3886	0.1000	55.1	50.0	10.3	20.0
Bromomethane	Ave	0.2634	0.2668	0.1000	50.6	50.0	1.3	20.0
Chloroethane	Ave	0.2069	0.2310	0.1000	55.8	50.0	11.6	20.0
n-Pentane	Ave	0.4321	0.4170		48.3	50.0	-3.5	20.0
Dichlorofluoromethane	Ave	0.6458	0.6326		49.0	50.0	-2.0	20.0
Trichlorofluoromethane	Ave	0.5250	0.4988	0.1000	47.5	50.0	-5.0	20.0
Freon 123a	Ave	0.3525	0.3410		48.4	50.0	-3.3	20.0
Acrolein	Ave	0.6544	0.9794		730	488	49.7*	20.0
Acetone	Ave	0.4222	0.5293	0.1000	125	100	25.4*	20.0
1,1-Dichloroethene	Ave	0.2552	0.2307	0.1000	45.2	50.0	-9.6	20.0
Freon 113	Ave	0.2838	0.2750	0.1000	48.5	50.0	-3.1	20.0
Methyl iodide	Ave	0.5467	0.4804		43.9	50.0	-12.1	20.0
2-Propanol	Ave	0.3704	0.3286		222	250	-11.3	20.0
Carbon disulfide	Ave	0.7816	0.7491	0.1000	47.9	50.0	-4.2	20.0
Allyl chloride	Ave	0.4317	0.3690		42.7	50.0	-14.5	20.0
Methyl acetate	Ave	0.3536	0.3508	0.1000	49.6	50.0	-0.8	20.0
Methylene Chloride	Ave	0.2868	0.2711	0.1000	47.3	50.0	-5.5	20.0
t-Butyl alcohol	Ave	0.9783	0.8945		229	250	-8.6	20.0
Acrylonitrile	Ave	0.1802	0.2060		143	125	14.3	20.0
Methyl tert-butyl ether	Ave	0.8308	0.7922	0.1000	47.7	50.0	-4.7	20.0
trans-1,2-Dichloroethene	Ave	0.2785	0.2486	0.1000	44.6	50.0	-10.7	20.0
n-Hexane	Ave	0.3396	0.3191		47.0	50.0	-6.0	20.0
1,1-Dichloroethane	Ave	0.4678	0.4410	0.2000	47.1	50.0	-5.7	20.0
Isopropyl ether	Ave	0.7393	0.7502		50.7	50.0	1.5	20.0
2-Chloro-1,3-butadiene	Ave	0.4289	0.3860		45.0	50.0	-10.0	20.0
Ethyl t-butyl ether	Ave	0.8201	0.7456		45.5	50.0	-9.1	20.0
2-Butanone (MEK)	Ave	0.2556	0.2760	0.1000	108	100	8.0	20.0
cis-1,2-Dichloroethene	Ave	0.3183	0.2817	0.1000	44.2	50.0	-11.5	20.0
2,2-Dichloropropane	Ave	0.4579	0.3220		35.2	50.0	-29.7*	20.0
Propionitrile	Ave	0.6379	0.7912		310	250	24.0*	20.0
Methacrylonitrile	Ave	0.1575	0.1771		141	125	12.5	20.0
Bromochloromethane	Ave	0.1607	0.1427		44.4	50.0	-11.2	20.0
Tetrahydrofuran	Ave	0.6561	0.7971		304	250	21.5*	20.0
Chloroform	Ave	0.5002	0.4412	0.2000	44.1	50.0	-11.8	20.0
1,1,1-Trichloroethane	Ave	0.4678	0.3709	0.1000	39.6	50.0	-20.7*	20.0
Cyclohexane	Ave	0.4733	0.4530	0.1000	47.8	50.0	-4.3	20.0
1,1-Dichloropropene	Ave	0.3607	0.3342		46.3	50.0	-7.3	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab Sample ID: CCVIS 410-590643/3 Calibration Date: 12/29/2024 19:40

Instrument ID: 15830 Calib Start Date: 10/28/2024 16:32

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 10/28/2024 18:29

Lab File ID: FD29X02.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	0.4098	0.2910	0.1000	35.5	50.0	-29.0*	20.0
Isobutyl alcohol	Ave	0.2478	0.2182		550	625	-11.9	20.0
Benzene	Ave	0.9763	0.9660	0.5000	49.5	50.0	-1.1	20.0
1,2-Dichloroethane	Ave	0.3730	0.3211	0.1000	43.0	50.0	-13.9	20.0
t-Amyl methyl ether	Ave	0.8001	0.7254		45.3	50.0	-9.3	20.0
n-Heptane	Ave	0.1780	0.2288		64.3	50.0	28.6*	20.0
n-Butanol	Ave	0.2076	0.1796		541	625	-13.5	20.0
Trichloroethene	Ave	0.2601	0.2424	0.2000	46.6	50.0	-6.8	20.0
Methylcyclohexane	Ave	0.4881	0.4491	0.1000	46.0	50.0	-8.0	20.0
1,2-Dichloropropane	Ave	0.2164	0.2271	0.1000	52.5	50.0	4.9	20.0
t-Amyl ethyl ether	Ave	0.4281	0.3348		39.1	50.0	-21.8*	20.0
1,4-Dioxane	Ave	0.0561	0.0634	0.0050	706	625	13.0	20.0
Methyl methacrylate	Ave	0.2004	0.1995		49.8	50.0	-0.5	20.0
Dibromomethane	Ave	0.1658	0.1581		47.7	50.0	-4.7	20.0
Bromodichloromethane	Ave	0.2990	0.2715	0.2000	45.4	50.0	-9.2	20.0
2-Nitropropane	Ave	1.065	0.9002		211	250	-15.5	20.0
2-Chloroethyl vinyl ether	Ave	0.1380	0.1412		51.1	50.0	2.3	20.0
cis-1,3-Dichloropropene	Ave	0.3198	0.3113	0.2000	48.7	50.0	-2.6	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4077	0.4664	0.1000	114	100	14.4	20.0
Toluene	Ave	0.8272	0.7813	0.4000	47.2	50.0	-5.5	20.0
trans-1,3-Dichloropropene	Ave	0.4347	0.3662	0.1000	42.1	50.0	-15.8	20.0
Ethyl methacrylate	Ave	0.4976	0.4382		44.0	50.0	-11.9	20.0
1,1,2-Trichloroethane	Ave	0.2823	0.2725	0.1000	48.3	50.0	-3.5	20.0
Tetrachloroethene	Ave	0.4128	0.3392	0.2000	41.1	50.0	-17.8	20.0
1,3-Dichloropropane	Ave	0.4515	0.4632		51.3	50.0	2.6	20.0
2-Hexanone	Ave	0.4486	0.4805	0.1000	107	100	7.1	20.0
Dibromochloromethane	Ave	0.3328	0.2826		42.5	50.0	-15.1	20.0
1,2-Dibromoethane (EDB)	Ave	0.3112	0.2935	0.1000	47.2	50.0	-5.7	20.0
Chlorobenzene	Ave	0.9229	0.8722	0.5000	47.3	50.0	-5.5	20.0
1-Chlorohexane	Ave	0.4484	0.4055		45.2	50.0	-9.6	20.0
1,1,1,2-Tetrachloroethane	Ave	0.4123	0.3138		38.1	50.0	-23.9*	20.0
Ethylbenzene	Ave	1.712	1.569	0.1000	45.8	50.0	-8.4	20.0
m&p-Xylene	Ave	0.6767	0.6224	0.1000	92.0	100	-8.0	20.0
o-Xylene	Ave	0.7264	0.6557	0.3000	45.1	50.0	-9.7	20.0
Styrene	Ave	1.005	0.9494	0.3000	47.2	50.0	-5.5	20.0
Bromoform	Ave	0.2521	0.1914	0.1000	38.0	50.0	-24.1*	20.0
Isopropylbenzene	Ave	1.780	1.577	0.1000	44.3	50.0	-11.4	20.0
Bromobenzene	Ave	0.6782	0.6474		47.7	50.0	-4.5	20.0
1,1,2,2-Tetrachloroethane	Ave	0.8904	0.9449	0.3000	53.1	50.0	6.1	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2339	0.1740		93.0	125	-25.6*	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Lab Sample ID: CCVIS 410-590643/3 Calibration Date: 12/29/2024 19:40

Instrument ID: 15830 Calib Start Date: 10/28/2024 16:32

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 10/28/2024 18:29

Lab File ID: FD29X02.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	0.3091	0.3142		50.8	50.0	1.7	20.0
N-Propylbenzene	Ave	3.372	3.365		49.9	50.0	-0.2	20.0
2-Chlorotoluene	Ave	0.7284	0.6986		48.0	50.0	-4.1	20.0
1,3,5-Trimethylbenzene	Ave	2.631	2.541		48.3	50.0	-3.4	20.0
4-Chlorotoluene	Ave	0.6667	0.6669		50.0	50.0	0.0	20.0
tert-Butylbenzene	Ave	0.5296	0.5019		47.4	50.0	-5.2	20.0
1,2,4-Trimethylbenzene	Ave	2.654	2.556		48.1	50.0	-3.7	20.0
sec-Butylbenzene	Ave	3.161	3.053		48.3	50.0	-3.4	20.0
1,3-Dichlorobenzene	Ave	1.308	1.214	0.6000	46.4	50.0	-7.2	20.0
p-Isopropyltoluene	Ave	2.811	2.669		47.5	50.0	-5.0	20.0
1,4-Dichlorobenzene	Ave	1.318	1.212	0.5000	46.0	50.0	-8.1	20.0
1,2,3-Trimethylbenzene	Ave	2.730	2.668		48.9	50.0	-2.3	20.0
Benzyl chloride	Ave	1.874	1.189		31.7	50.0	-36.5*	20.0
1,3-Diethylbenzene	Ave	1.568	1.465		46.7	50.0	-6.6	20.0
1,4-Diethylbenzene	Ave	1.617	1.512		46.7	50.0	-6.5	20.0
n-Butylbenzene	Ave	1.215	1.178		48.5	50.0	-3.0	20.0
1,2-Dichlorobenzene	Ave	1.351	1.263	0.4000	46.7	50.0	-6.5	20.0
1,2-Diethylbenzene	Ave	1.323	1.254		47.4	50.0	-5.2	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3451	0.3133	0.0500	45.4	50.0	-9.2	20.0
1,3,5-Trichlorobenzene	Ave	0.9798	0.8457		43.2	50.0	-13.7	20.0
1,2,4-Trichlorobenzene	Ave	0.9941	0.8623	0.2000	43.4	50.0	-13.3	20.0
Hexachlorobutadiene	Ave	0.3456	0.2806		40.6	50.0	-18.8	20.0
Naphthalene	Ave	4.189	3.967		47.3	50.0	-5.3	20.0
1,2,3-Trichlorobenzene	Ave	1.030	0.9062		44.0	50.0	-12.0	20.0
2-Methylnaphthalene	Ave	2.272	2.034		44.7	50.0	-10.5	20.0
Dibromofluoromethane (Surr)	Ave	0.3011	0.2775		46.1	50.0	-7.8	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0699	0.0671		48.0	50.0	-4.0	20.0
Toluene-d8 (Surr)	Ave	1.353	1.333		49.3	50.0	-1.4	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5189	0.5088		49.0	50.0	-1.9	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 29-Dec-2024 19:40:52 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: CCVIS
Misc. Info.: 410-0134449-003
Operator ID: gaw91131 Instrument ID: 15830
Sublist: chrom-MSVoa_15830_PT2*sub10

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 21:45:29 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 29-Dec-2024 20:18:29

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.011	1.011	0.000	99	247026	50.0	49.0	
2 Chloromethane	50	1.124	1.124	0.000	98	351049	50.0	65.9	
4 Butadiene	39	1.169	1.169	0.000	94	305063	50.0	54.3	
3 Vinyl chloride	62	1.179	1.179	0.000	98	240951	50.0	55.1	
5 Bromomethane	94	1.368	1.368	0.000	90	165387	50.0	50.6	
6 Chloroethane	64	1.381	1.381	0.000	100	143195	50.0	55.8	
8 Pentane	43	1.532	1.532	0.000	95	258546	50.0	48.3	
16 Dichlorofluoromethane	67	1.551	1.551	0.000	99	392231	50.0	49.0	
7 Trichlorofluoromethane	101	1.571	1.571	0.000	98	309265	50.0	47.5	M
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.751	1.751	0.000	89	211410	50.0	48.4	
9 Acrolein	56	1.757	1.757	0.000	100	626212	487.9	730.2	
11 Acetone	58	1.844	1.844	0.000	100	69360	100.0	125.4	
10 1,1-Dichloroethene	96	1.854	1.854	0.000	98	143061	50.0	45.2	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.879	1.879	0.000	93	170500	50.0	48.5	
13 Iodomethane	142	1.960	1.960	0.000	98	297870	50.0	43.9	
15 Isopropyl alcohol	45	1.973	1.973	0.000	32	107650	250.0	221.8	M
14 Carbon disulfide	76	2.031	2.031	0.000	97	464462	50.0	47.9	M
18 Methyl acetate	43	2.085	2.085	0.000	69	217521	50.0	49.6	M
17 3-Chloro-1-propene	41	2.085	2.085	0.000	86	228772	50.0	42.7	
19 Methylene Chloride	84	2.204	2.204	0.000	92	168105	50.0	47.3	
* 20 t-Butyl alcohol-d10 (IS)	65	2.240	2.240	0.000	56	327605	250.0	250.0	
21 2-Methyl-2-propanol	59	2.278	2.278	0.000	94	293046	250.0	228.6	
23 Acrylonitrile	53	2.375	2.375	0.000	99	319310	125.0	142.9	
25 Methyl tert-butyl ether	73	2.391	2.391	0.000	93	491135	50.0	47.7	
24 trans-1,2-Dichloroethene	96	2.397	2.397	0.000	99	154122	50.0	44.6	
26 Hexane	57	2.616	2.616	0.000	94	197835	50.0	47.0	
27 1,1-Dichloroethane	63	2.735	2.735	0.000	95	273426	50.0	47.1	
28 Isopropyl ether	45	2.783	2.783	0.000	97	465093	50.0	50.7	
29 2-Chloro-1,3-butadiene	53	2.793	2.793	0.000	91	239326	50.0	45.0	
30 Tert-butyl ethyl ether	59	3.069	3.069	0.000	99	462300	50.0	45.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
32 2-Butanone (MEK)	43	3.159	3.159	0.000	99	342205	100.0	108.0	
31 cis-1,2-Dichloroethene	96	3.188	3.188	0.000	81	174630	50.0	44.2	
33 2,2-Dichloropropane	77	3.214	3.214	0.000	89	199637	50.0	35.2	
34 Propionitrile	54	3.236	3.236	0.000	99	259187	250.0	310.1	
35 Methacrylonitrile	67	3.355	3.355	0.000	95	274546	125.0	140.6	
36 Chlorobromomethane	128	3.378	3.378	0.000	95	88492	50.0	44.4	
37 Tetrahydrofuran	71	3.387	3.387	0.000	86	261129	250.0	303.7	M
39 Chloroform	83	3.468	3.468	0.000	93	273536	50.0	44.1	
$ 41 Dibromofluoromethane (Surr)	113	3.590	3.590	0.000	93	172033	50.0	46.1	
40 1,1,1-Trichloroethane	97	3.596	3.596	0.000	98	229929	50.0	39.6	
42 Cyclohexane	56	3.658	3.658	0.000	90	280831	50.0	47.8	
44 1,1-Dichloropropene	75	3.715	3.715	0.000	96	207180	50.0	46.3	
43 Carbon tetrachloride	117	3.722	3.722	0.000	91	180396	50.0	35.5	
45 Isobutyl alcohol	41	3.844	3.844	0.000	93	178723	625.0	550.4	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.860	3.860	0.000	78	41591	50.0	48.0	
47 Benzene	78	3.867	3.867	0.000	97	598914	50.0	49.5	
48 1,2-Dichloroethane	62	3.918	3.918	0.000	98	199065	50.0	43.0	
49 Tert-amyl methyl ether	73	3.998	3.998	0.000	98	449726	50.0	45.3	
* 50 Fluorobenzene (IS)	96	4.121	4.121	0.000	98	619998	50.0	50.0	
51 n-Heptane	43	4.137	4.137	0.000	92	141880	50.0	64.3	
52 n-Butanol	56	4.378	4.378	0.000	94	147063	625.0	540.5	
53 Trichloroethene	95	4.420	4.420	0.000	99	150295	50.0	46.6	
54 Methylcyclohexane	83	4.609	4.609	0.000	91	278420	50.0	46.0	
55 1,2-Dichloropropane	63	4.629	4.629	0.000	96	140802	50.0	52.5	
56 2-ethoxy-2-methyl butane	87	4.654	4.654	0.000	95	207594	50.0	39.1	
58 1,4-Dioxane	88	4.683	4.683	0.000	25	51944	625.0	706.1	M
59 Methyl methacrylate	69	4.696	4.696	0.000	86	123671	50.0	49.8	
57 Dibromomethane	93	4.699	4.699	0.000	81	97998	50.0	47.7	
60 Dichlorobromomethane	83	4.860	4.860	0.000	99	168324	50.0	45.4	
61 2-Nitropropane	41	5.043	5.043	0.000	99	294916	250.0	211.3	
62 2-Chloroethyl vinyl ether	63	5.111	5.111	0.000	91	87538	50.0	51.1	
63 cis-1,3-Dichloropropene	75	5.227	5.227	0.000	95	193025	50.0	48.7	
64 4-Methyl-2-pentanone (MIBK)	43	5.374	5.374	0.000	97	578356	100.0	114.4	
$ 65 Toluene-d8 (Surr)	98	5.448	5.448	0.000	93	577211	50.0	49.3	
66 Toluene	92	5.506	5.506	0.000	98	338235	50.0	47.2	
67 trans-1,3-Dichloropropene	75	5.709	5.709	0.000	94	158530	50.0	42.1	
68 Ethyl methacrylate	69	5.773	5.773	0.000	89	189679	50.0	44.0	
69 1,1,2-Trichloroethane	97	5.854	5.854	0.000	91	117955	50.0	48.3	
70 Tetrachloroethene	166	5.902	5.902	0.000	96	146834	50.0	41.1	
71 1,3-Dichloropropane	76	5.966	5.966	0.000	91	200507	50.0	51.3	
73 2-Hexanone	43	6.024	6.024	0.000	96	416007	100.0	107.1	
74 Chlorodibromomethane	129	6.120	6.120	0.000	89	122326	50.0	42.5	
75 Ethylene Dibromide	107	6.188	6.188	0.000	98	127051	50.0	47.2	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	84	432889	50.0	50.0	
77 Chlorobenzene	112	6.526	6.526	0.000	95	377559	50.0	47.3	
78 1-Chlorohexane	91	6.535	6.535	0.000	97	175544	50.0	45.2	
79 1,1,1,2-Tetrachloroethane	131	6.593	6.593	0.000	93	135832	50.0	38.1	
80 Ethylbenzene	91	6.600	6.600	0.000	98	679328	50.0	45.8	
81 m-Xylene & p-Xylene	106	6.683	6.683	0.000	99	538879	100.0	92.0	
82 o-Xylene	106	6.921	6.921	0.000	97	283861	50.0	45.1	
83 Styrene	104	6.934	6.934	0.000	95	410969	50.0	47.2	
84 Bromoform	173	7.037	7.037	0.000	96	82855	50.0	38.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105	7.146	7.146	0.000	96	682570	50.0	44.3	
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	88	220274	50.0	49.0	
87 Bromobenzene	156	7.317	7.317	0.000	93	157698	50.0	47.7	
88 1,1,2,2-Tetrachloroethane	83	7.333	7.333	0.000	94	230165	50.0	53.1	
89 trans-1,4-Dichloro-2-butene	53	7.352	7.352	0.000	86	105945	125.0	93.0	
90 1,2,3-Trichloropropane	110	7.358	7.358	0.000	86	76539	50.0	50.8	
91 N-Propylbenzene	91	7.387	7.387	0.000	99	819819	50.0	49.9	
92 2-Chlorotoluene	126	7.432	7.432	0.000	97	170171	50.0	48.0	
93 1,3,5-Trimethylbenzene	105	7.493	7.493	0.000	95	618997	50.0	48.3	
94 4-Chlorotoluene	126	7.500	7.500	0.000	98	162461	50.0	50.0	
95 tert-Butylbenzene	134	7.664	7.664	0.000	93	122259	50.0	47.4	
96 1,2,4-Trimethylbenzene	105	7.696	7.696	0.000	98	622541	50.0	48.1	
97 sec-Butylbenzene	105	7.786	7.786	0.000	94	743679	50.0	48.3	
98 1,3-Dichlorobenzene	146	7.847	7.847	0.000	97	295636	50.0	46.4	
99 4-Isopropyltoluene	119	7.873	7.873	0.000	97	650213	50.0	47.5	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	94	243598	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.902	7.902	0.000	94	295219	50.0	46.0	
102 1,2,3-Trimethylbenzene	105	7.918	7.918	0.000	98	649891	50.0	48.9	
103 Benzyl chloride	91	7.963	7.963	0.000	99	289676	50.0	31.7	
104 1,3-Diethylbenzene	119	8.024	8.024	0.000	95	356799	50.0	46.7	
105 p-Diethylbenzene	119	8.075	8.075	0.000	93	368324	50.0	46.7	
106 n-Butylbenzene	92	8.088	8.088	0.000	98	286998	50.0	48.5	
107 1,2-Dichlorobenzene	146	8.091	8.091	0.000	97	307596	50.0	46.7	
108 o-diethylbenzene	119	8.124	8.124	0.000	95	305516	50.0	47.4	
109 1,2-Dibromo-3-Chloropropane	75	8.500	8.500	0.000	83	76313	50.0	45.4	
110 1,3,5-Trichlorobenzene	180	8.596	8.596	0.000	98	206014	50.0	43.2	
111 1,2,4-Trichlorobenzene	180	8.911	8.911	0.000	94	210061	50.0	43.4	
112 Hexachlorobutadiene	225	8.985	8.985	0.000	98	68356	50.0	40.6	
113 Naphthalene	128	9.043	9.043	0.000	97	966284	50.0	47.3	
114 1,2,3-Trichlorobenzene	180	9.152	9.152	0.000	96	220743	50.0	44.0	
115 2-Methylnaphthalene	142	9.596	9.596	0.000	92	495393	50.0	44.7	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00215	Amount Added:	5.00	Units: uL	
MSV_CCV_2CEVE_00207	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00215	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_00921	Amount Added:	2.50	Units: uL	
MSV_Cent_ISSS_00032	Amount Added:	5.00	Units: uL	Run Reagent

Report Date: 29-Dec-2024 21:45:30 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D

Injection Date: 29-Dec-2024 19:40:52 Instrument ID: 15830 Operator ID: gaw91131

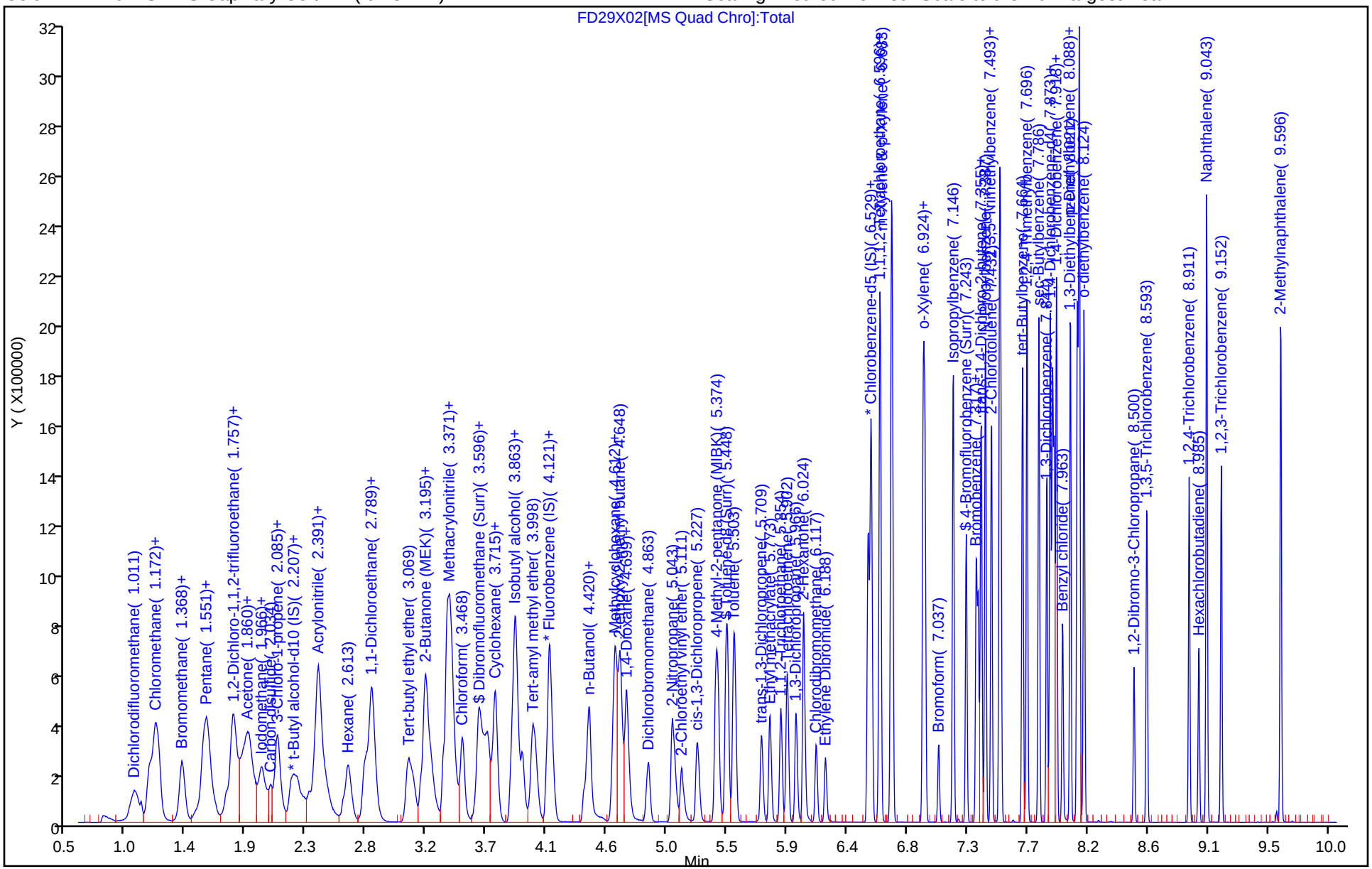
Lims ID: CCVIS Worklist Smp#: 3

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 52

Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

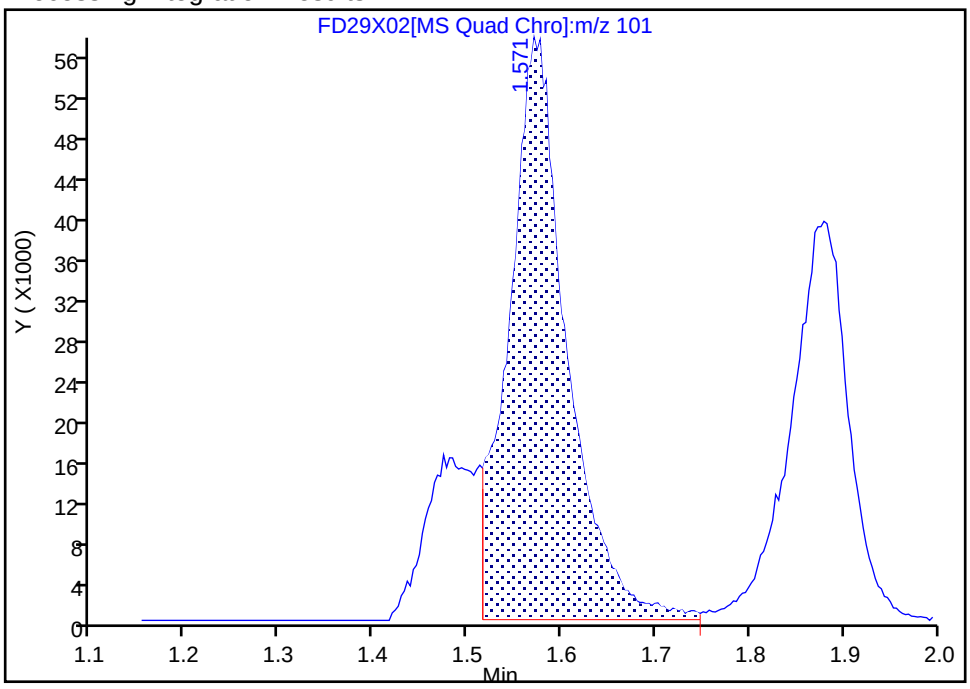
Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D				
Injection Date:	29-Dec-2024 19:40:52	Instrument ID:	15830		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	52	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

7 Trichlorofluoromethane, CAS: 75-69-4

Signal: 1

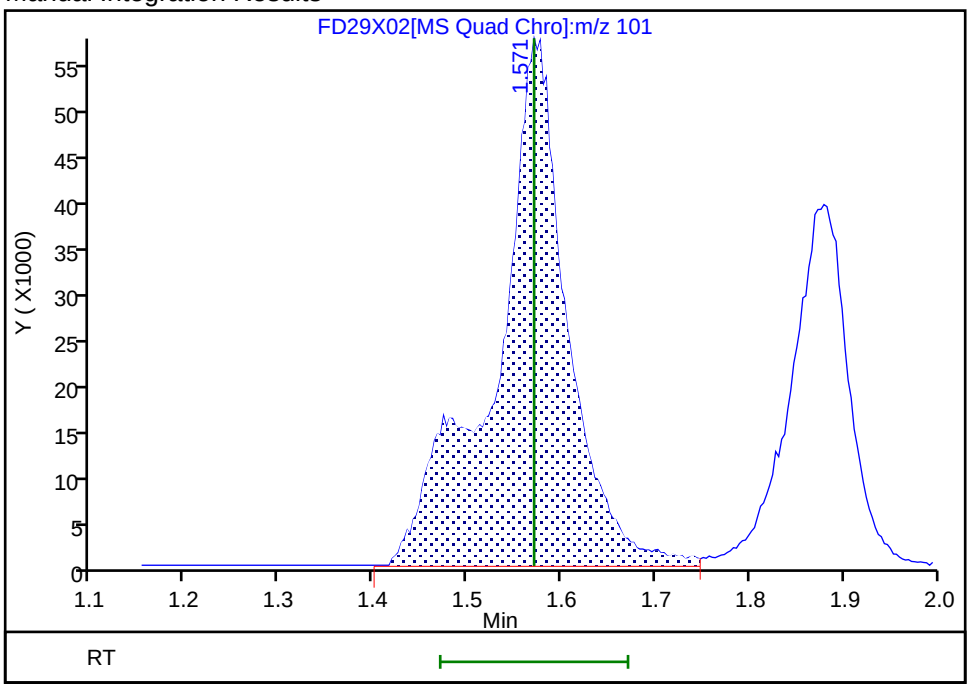
Processing Integration Results

RT: 1.57
Area: 248428
Amount: 38.157543
Amount Units: ug/l



Manual Integration Results

RT: 1.57
Area: 309265
Amount: 47.501862
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:15:56 -05:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

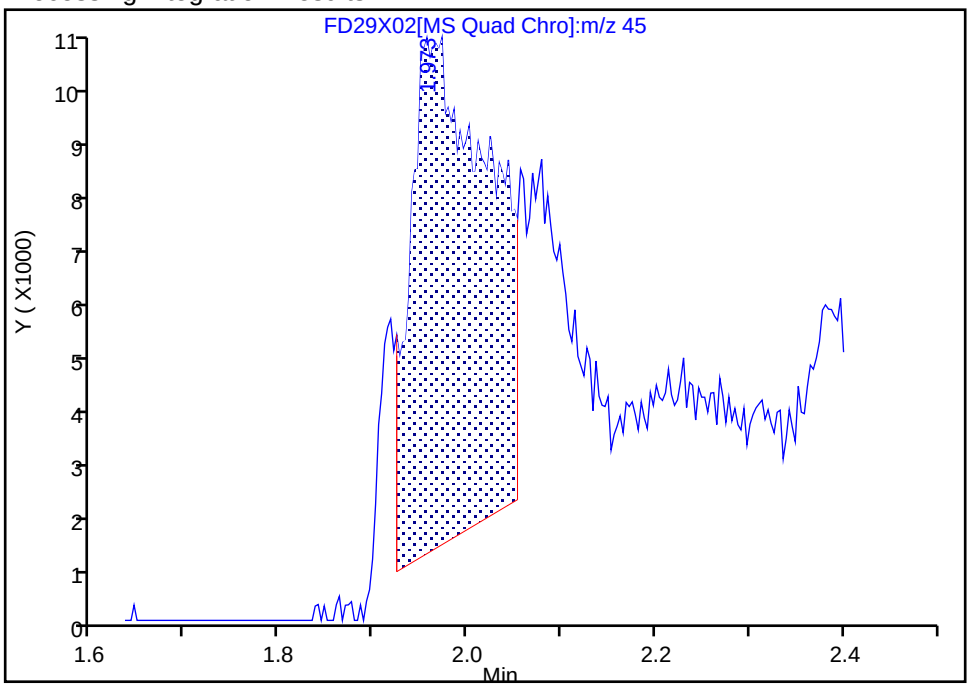
Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D
Injection Date: 29-Dec-2024 19:40:52 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

15 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

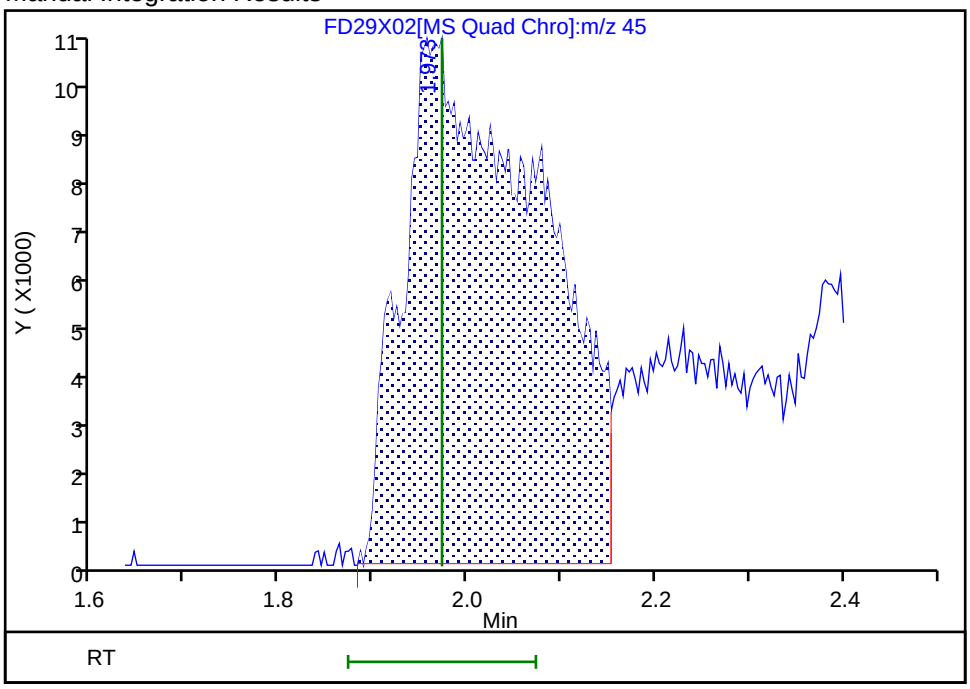
Processing Integration Results

RT: 1.97
Area: 53910
Amount: 111.0547
Amount Units: ug/l



Manual Integration Results

RT: 1.97
Area: 107650
Amount: 221.7591
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:25:41 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

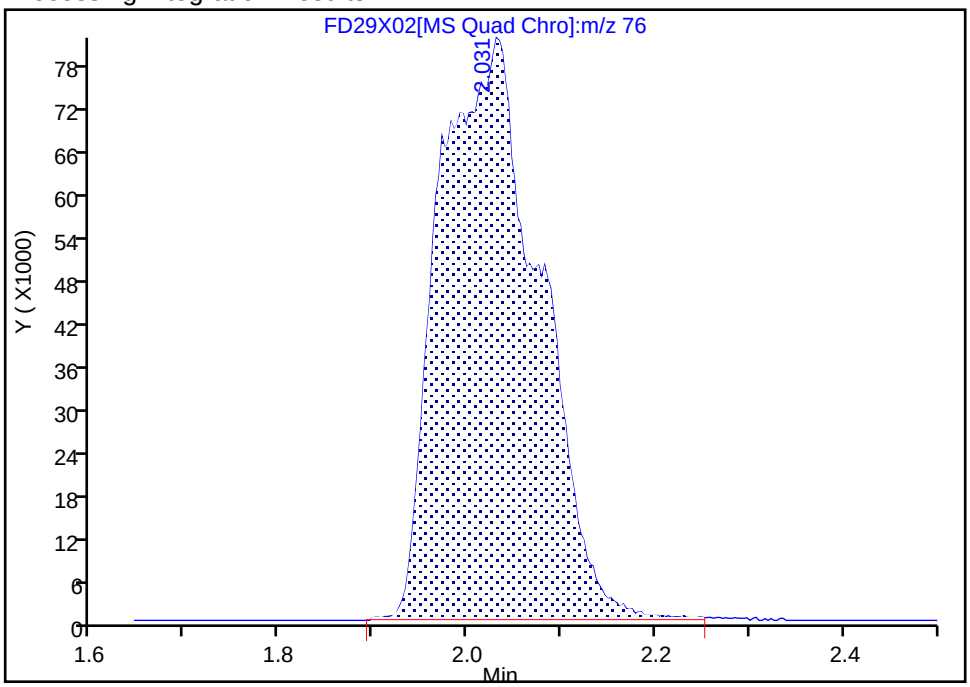
Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D
Injection Date: 29-Dec-2024 19:40:52 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

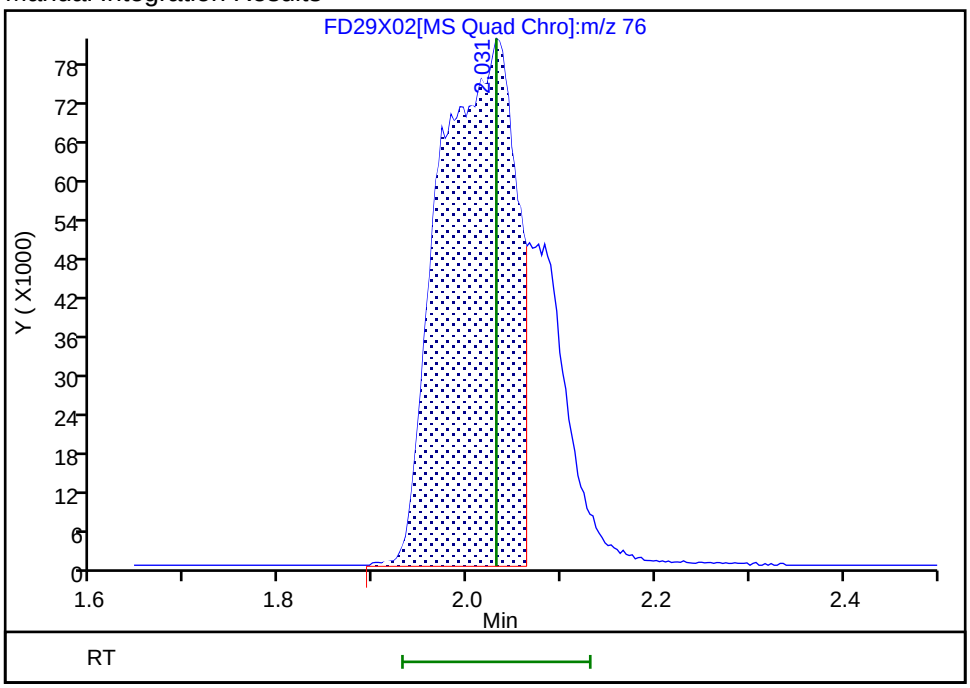
Processing Integration Results

RT: 2.03
Area: 606551
Amount: 62.583721
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 464462
Amount: 47.923027
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:16:51 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

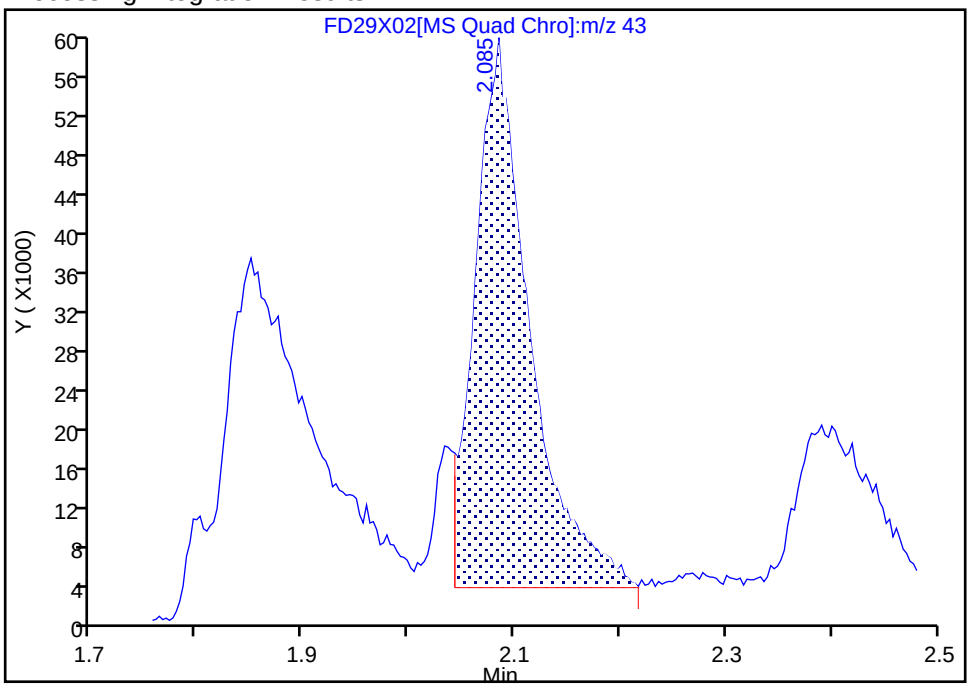
Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D
Injection Date: 29-Dec-2024 19:40:52 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

18 Methyl acetate, CAS: 79-20-9

Signal: 1

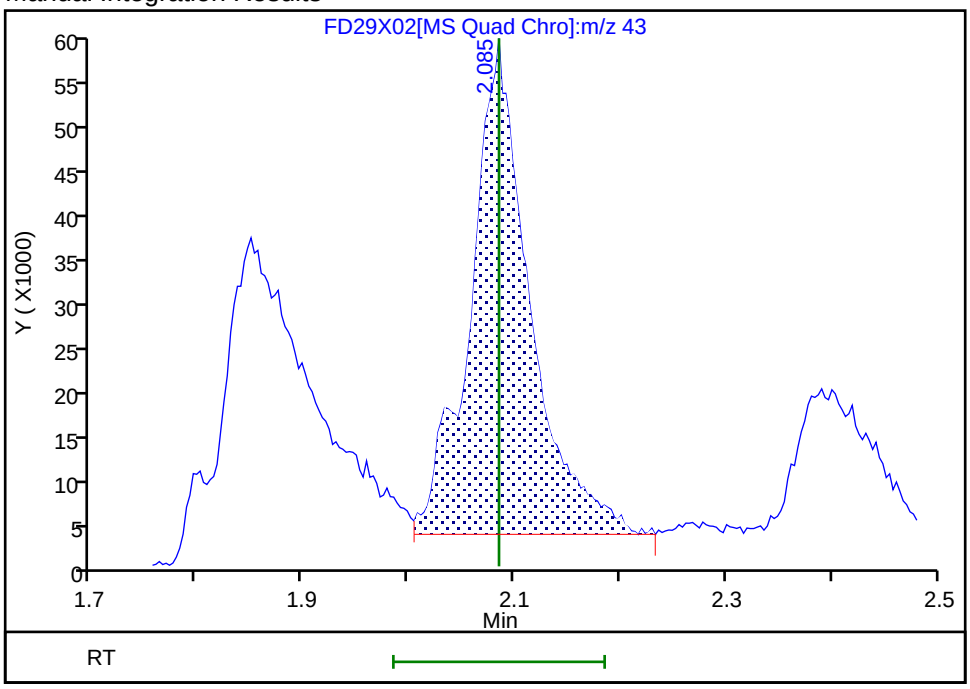
Processing Integration Results

RT: 2.09
Area: 200672
Amount: 45.761198
Amount Units: ug/l



Manual Integration Results

RT: 2.09
Area: 217521
Amount: 49.603440
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:17:18 -05:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

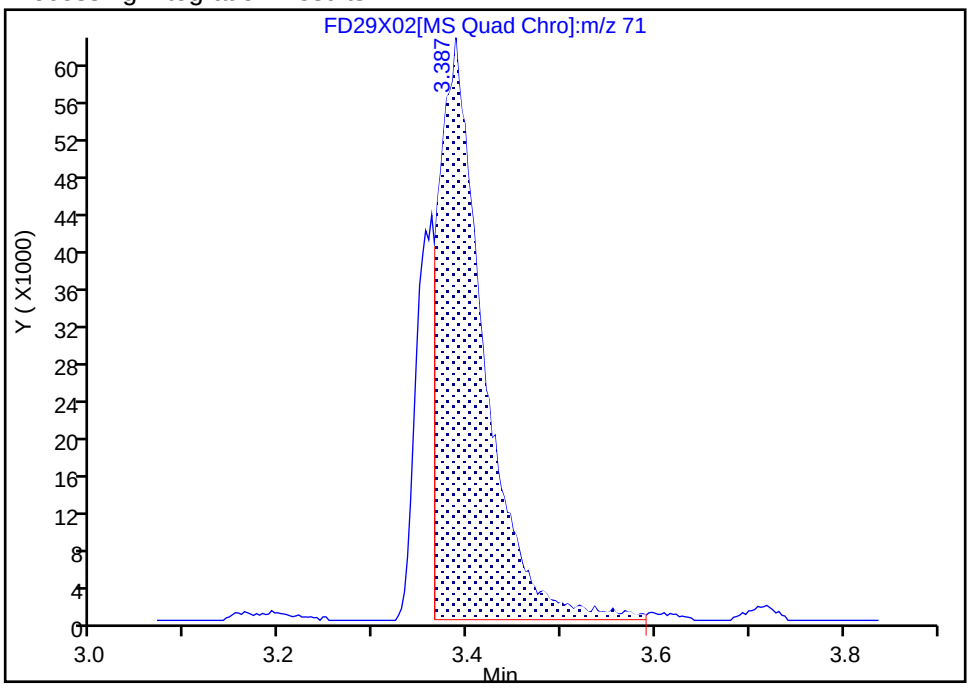
Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D
Injection Date: 29-Dec-2024 19:40:52 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

37 Tetrahydrofuran, CAS: 109-99-9

Signal: 1

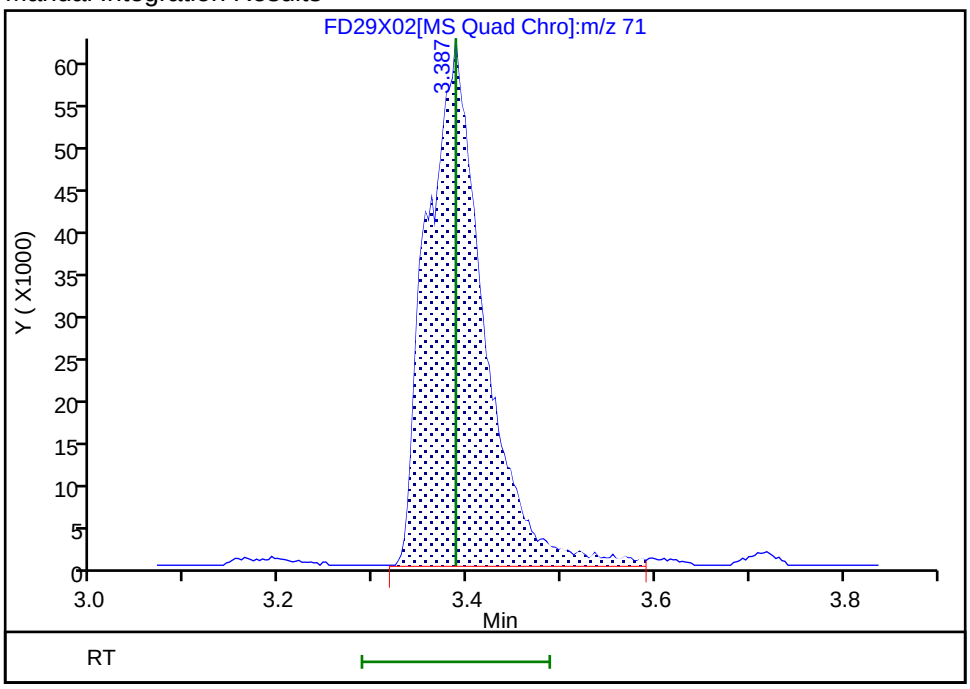
Processing Integration Results

RT: 3.39
Area: 207984
Amount: 241.9053
Amount Units: ug/l



Manual Integration Results

RT: 3.39
Area: 261129
Amount: 303.7181
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:17:40 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

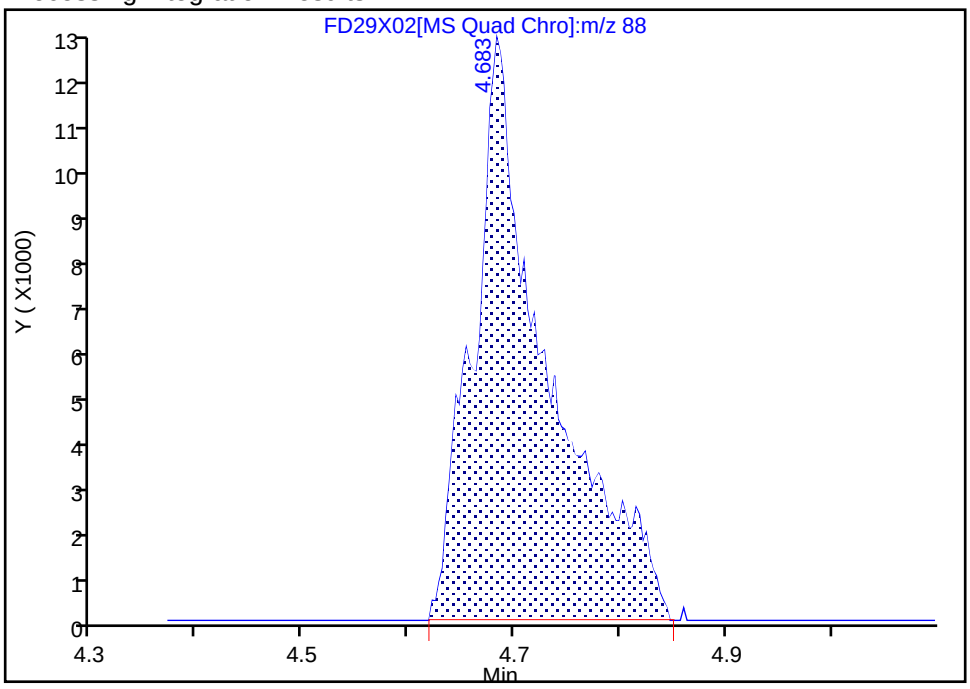
Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X02.D
Injection Date: 29-Dec-2024 19:40:52 Instrument ID: 15830
Lims ID: CCVIS
Client ID:
Operator ID: gaw91131 ALS Bottle#: 52 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

58 1,4-Dioxane, CAS: 123-91-1

Signal: 1

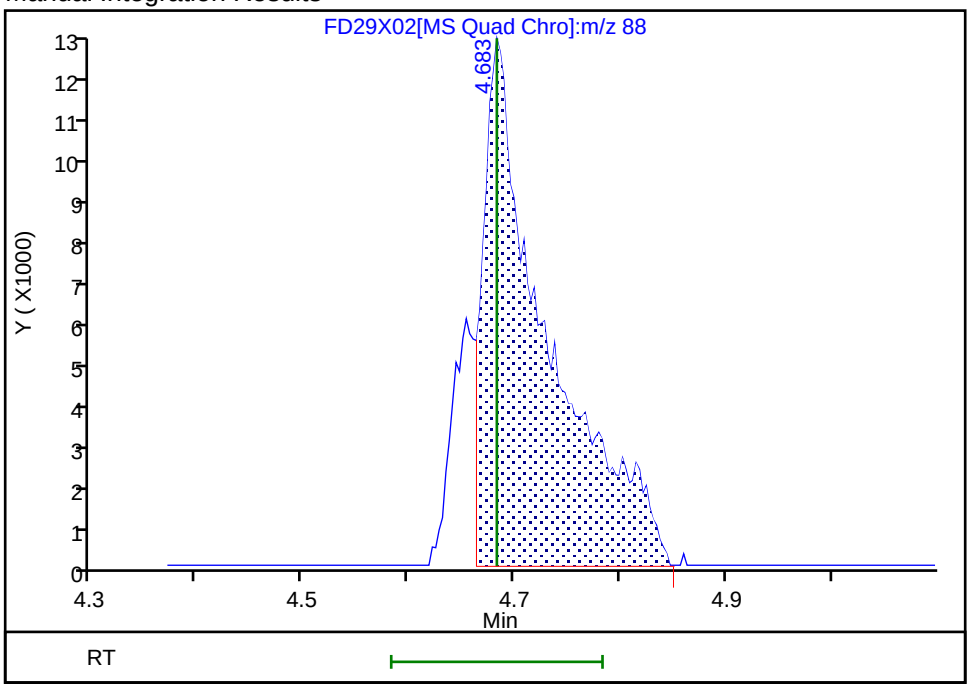
Processing Integration Results

RT: 4.68
Area: 60229
Amount: 818.6678
Amount Units: ug/l



Manual Integration Results

RT: 4.68
Area: 51944
Amount: 706.0532
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:18:13 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 28-Oct-2024 15:41:57 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: BFB Tune
Misc. Info.: 410-0129020-001
Operator ID: MEC29284 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Oct-2024 11:02:59 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1629

First Level Reviewer: K4WN Date: 28-Oct-2024 15:48:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 38 BFB	95	3.476	3.476	0.000	0	158301	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

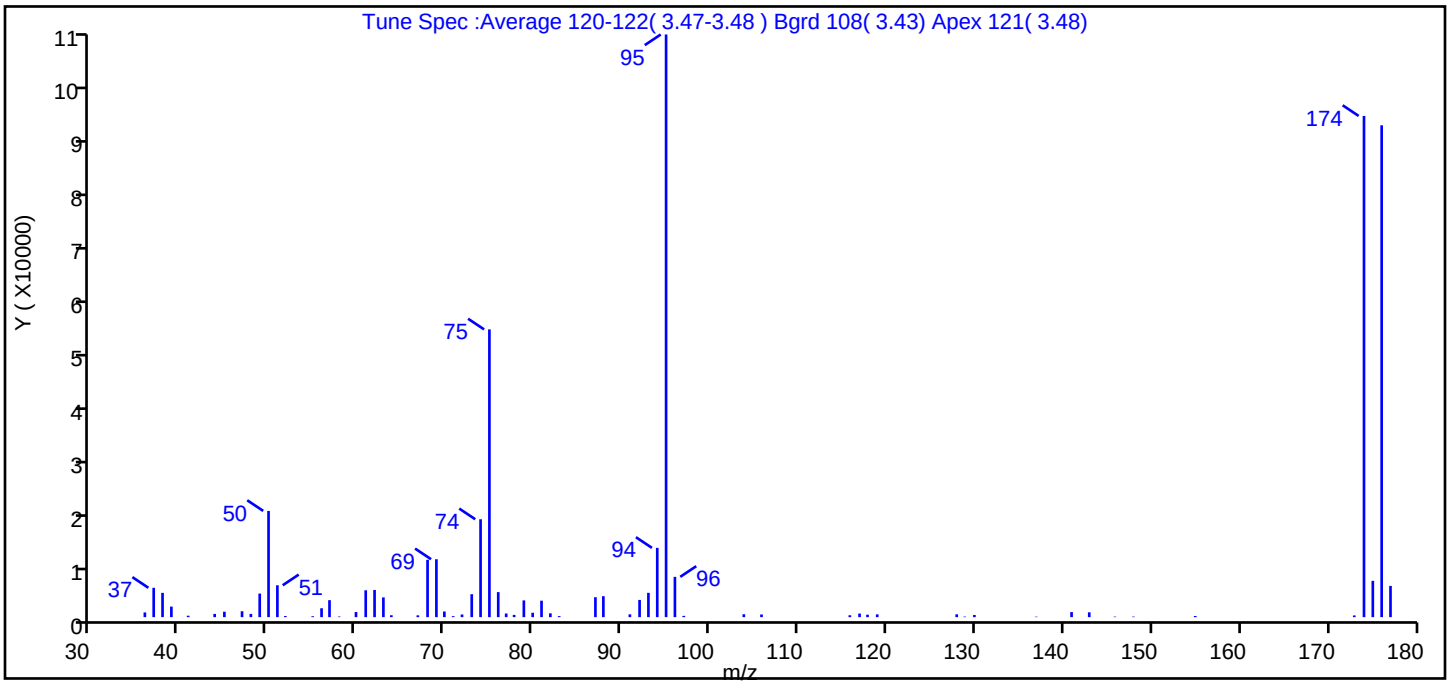
MSV_V_BFB_00017 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28T01.D
Injection Date: 28-Oct-2024 15:41:57 Instrument ID: 15830
Lims ID: bfb
Client ID:
Operator ID: MEC29284 ALS Bottle#: 0 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

$ 38 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	18.2
75	30 to 60% of m/z 95	49.4
96	5 to 9% of m/z 95	6.9
173	Less than 2% of m/z 174	0.3 (0.3)
174	50 to 120% of m/z 95	86.0
175	5 to 9% of m/z 174	6.2 (7.2)
176	Greater than 95% but less than 101% of m/z 174	84.4 (98.1)
177	5 to 9% of m/z 176	5.4 (6.3)

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28T01.D\MSVoa_15830_PT2.rslt\spectra.c
Injection Date: 28-Oct-2024 15:41:57
Spectrum: Tune Spec :Average 120-122(3.47-3.48) Bgrd 108(3.43) Apex 121(3.48)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 68

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	889	60.00	964	79.00	3157	117.00	675
37.00	5531	61.00	5058	80.00	824	118.00	458
38.00	4576	62.00	5114	81.00	3104	119.00	524
39.00	1990	63.00	3721	82.00	719	128.00	532
41.00	271	64.00	360	83.00	193	129.00	102
44.00	606	67.00	343	87.00	3756	130.00	409
45.00	1027	68.00	10807	88.00	3953	137.00	87
47.00	1110	69.00	10915	91.00	531	141.00	953
48.00	611	70.00	1062	92.00	3244	143.00	908
49.00	4443	71.00	188	93.00	4581	146.00	97
50.00	20016	72.00	501	94.00	13056	148.00	100
51.00	6008	73.00	4327	95.00	109800	155.00	219
52.00	206	74.00	18448	96.00	7593	173.00	322
55.00	169	75.00	54224	97.00	240	174.00	94448
56.00	1675	76.00	4718	104.00	546	175.00	6840
57.00	3202	77.00	687	106.00	504	176.00	92688
58.00	110	78.00	423	116.00	355	177.00	5884

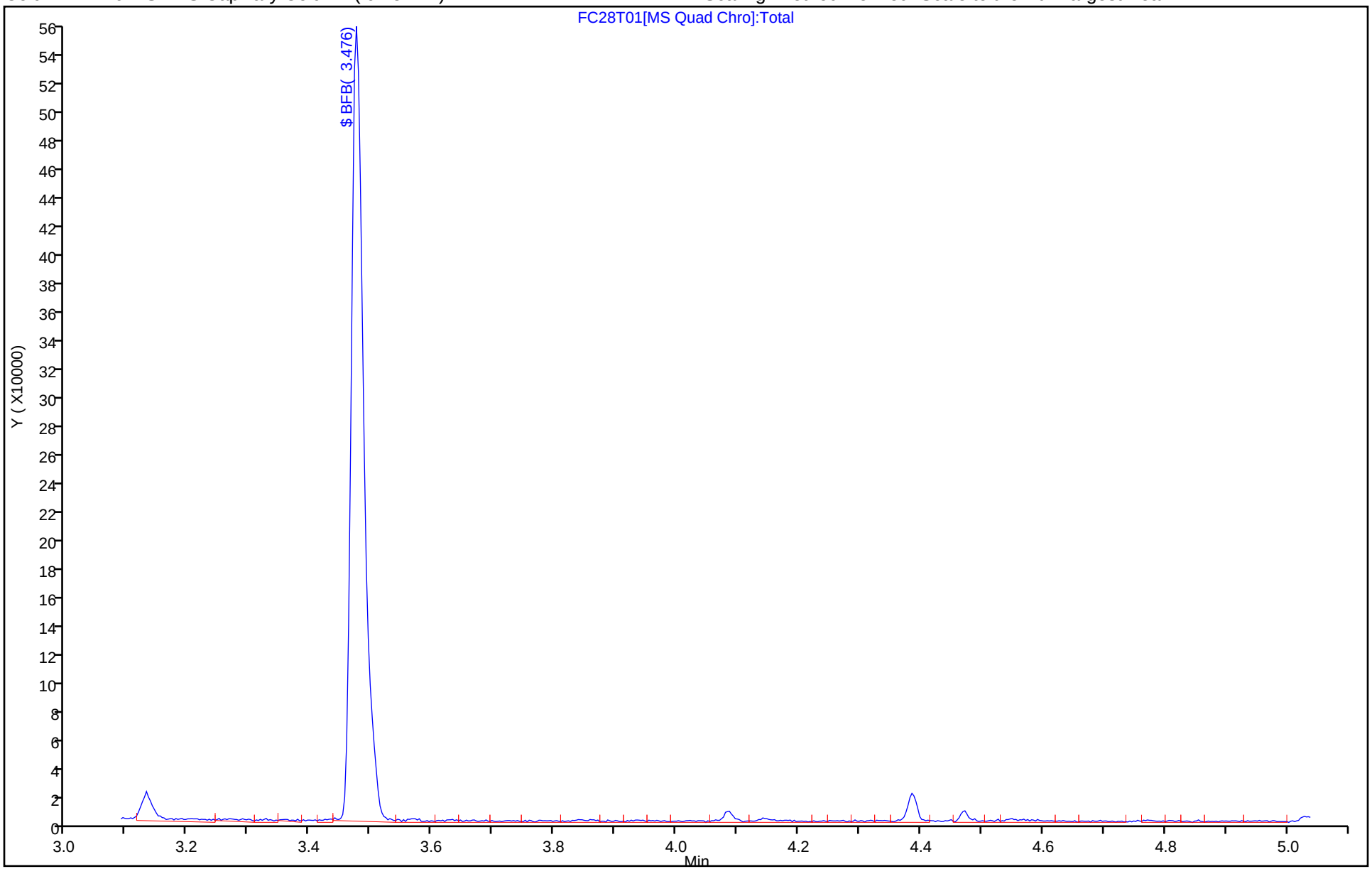
Report Date: 29-Oct-2024 11:03:00 Chrom Revision: 2.3 17-Oct-2024 11:42:22

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28T01.D

Injection Date:	28-Oct-2024 15:41:57	Instrument ID:	15830	Operator ID:	MEC29284
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	0
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29T01.D				
Lims ID:	BFB				
Client ID:					
Sample Type:	BFB				
Inject. Date:	29-Dec-2024 19:05:46	ALS Bottle#:	51	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Sample Info:	BFB				
Misc. Info.:	410-0134449-001				
Operator ID:	gaw91131	Instrument ID:	15830		
Method:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m				
Limit Group:	MSV - 8260C_D				
Last Update:	29-Dec-2024 21:45:46	Calib Date:	28-Oct-2024 18:29:23		
Integrator:	RTE	ID Type:	Deconvolution ID		
Quant Method:	Internal Standard	Quant By:	Initial Calibration		
Last ICal File:	\\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D				
Column 1 :	Rxi-624Sil MS Capillary Column (0.25 mm)		Det: MS Quad		
Process Host:	CTX1655				

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 38 BFB	95	3.473	3.473	0.000	0	347387	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

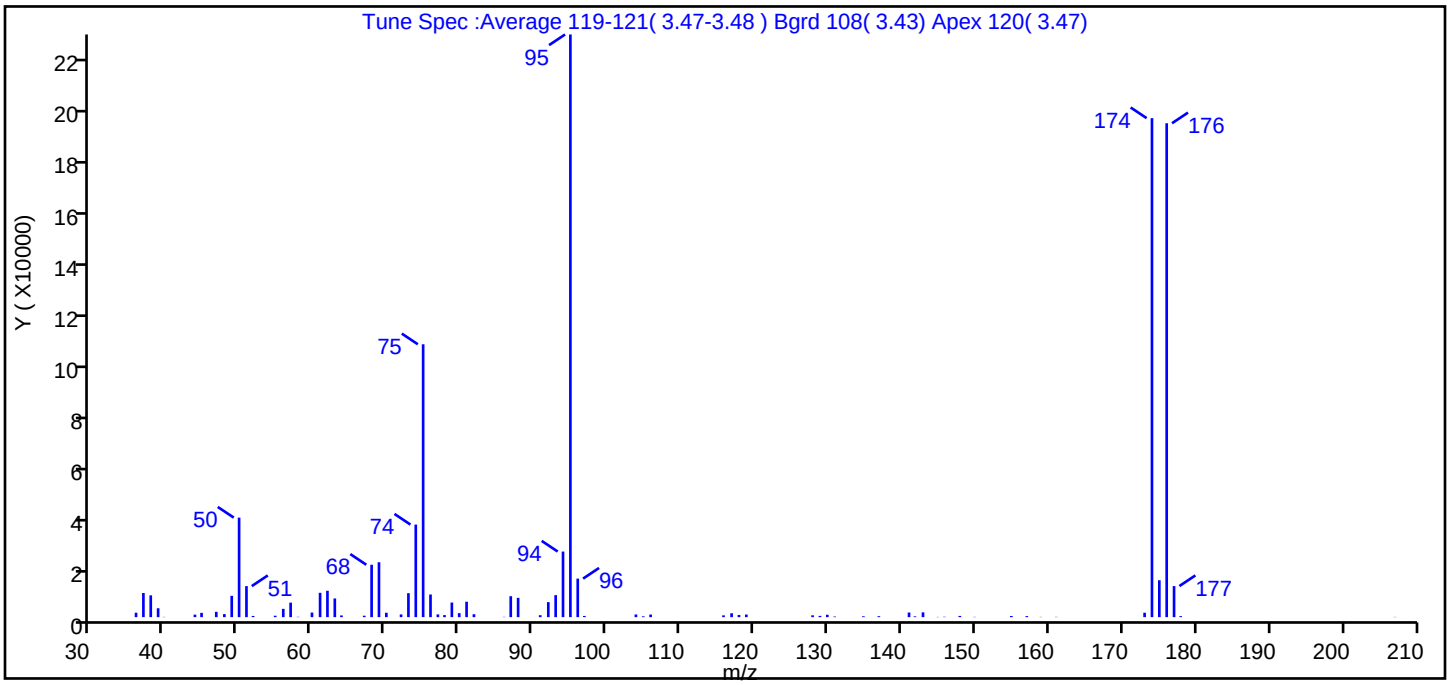
MSV_V_BFB_00018 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29T01.D				
Injection Date:	29-Dec-2024 19:05:46	Instrument ID:	15830		
Lims ID:	BFB				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	51	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 38 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	17.1
75	30 to 60% of m/z 95	46.8
96	5 to 9% of m/z 95	6.6
173	Less than 2% of m/z 174	0.8 (0.9)
174	50 to 120% of m/z 95	85.6
175	5 to 9% of m/z 174	6.3 (7.4)
176	Greater than 95% but less than 101% of m/z 174	84.8 (99.0)
177	5 to 9% of m/z 176	5.3 (6.3)

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29T01.D\MSVoa_15830_PT2.rslt\spectra.c
Injection Date: 29-Dec-2024 19:05:46
Spectrum: Tune Spec :Average 119-121(3.47-3.48) Bgrd 108(3.43) Apex 120(3.47)
Base Peak: 95.00
Minimum % Base Peak: 0
Number of Points: 78

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	1722	63.00	7249	91.00	762	141.00	1788
37.00	9366	64.00	660	92.00	5824	142.00	310
38.00	8457	67.00	555	93.00	8538	143.00	1866
39.00	3449	68.00	20320	94.00	25440	145.00	85
40.00	93	69.00	21288	95.00	225984	146.00	142
44.00	968	70.00	1707	96.00	14943	148.00	478
45.00	1662	72.00	1059	97.00	468	150.00	104
47.00	2070	73.00	9296	104.00	1038	155.00	443
48.00	1176	74.00	35896	105.00	321	157.00	408
49.00	8270	75.00	105832	106.00	1014	159.00	92
50.00	38600	76.00	8787	116.00	690	161.00	101
51.00	12040	77.00	1061	117.00	1507	173.00	1714
52.00	464	78.00	796	118.00	838	174.00	193536
55.00	552	79.00	5661	119.00	1014	175.00	14311
56.00	3218	80.00	1553	128.00	710	176.00	191552
57.00	5630	81.00	5987	129.00	485	177.00	12050
58.00	128	82.00	1133	130.00	928	178.00	389
60.00	1785	86.00	101	131.00	236	207.00	89
61.00	9442	87.00	8122	135.00	330		
62.00	10230	88.00	7481	137.00	368		

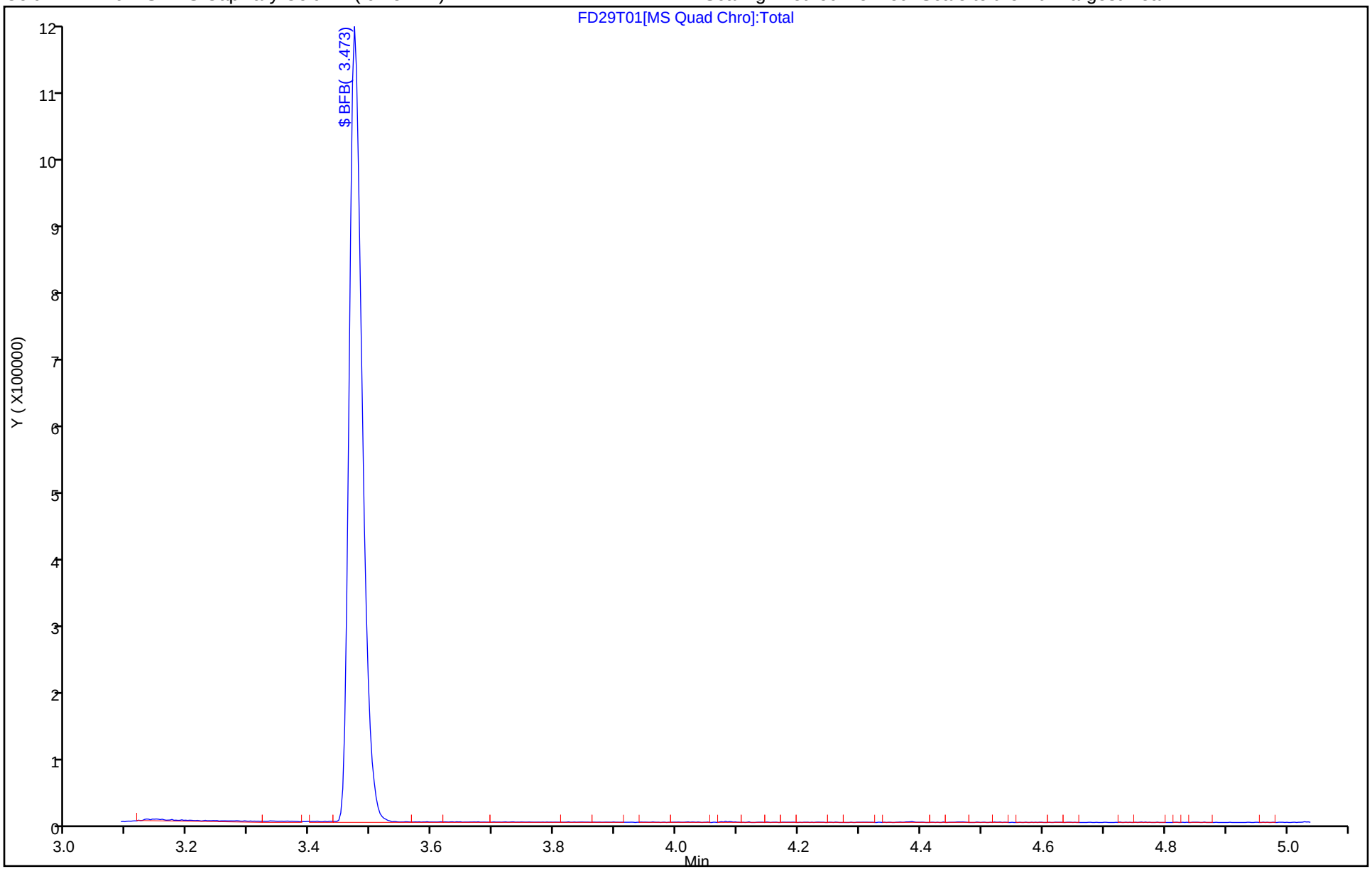
Report Date: 29-Dec-2024 21:45:46 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29T01.D

Injection Date:	29-Dec-2024 19:05:46	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	BFB			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	51
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-590643/7

Matrix: Water
Lab File ID: FD29X06.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 20:59

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	ND		1.0	0.30
71-55-6	1,1,1-Trichloroethane	ND		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	ND		1.0	0.30
79-00-5	1,1,2-Trichloroethane	ND		1.0	0.30
75-34-3	1,1-Dichloroethane	ND		1.0	0.30
75-35-4	1,1-Dichloroethene	ND		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	0.50
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-590643/7

Matrix: Water
Lab File ID: FD29X06.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 20:59

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.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	96		80-120
1868-53-7	Dibromofluoromethane (Surr)	97		80-120
2037-26-5	Toluene-d8 (Surr)	97		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 29-Dec-2024 20:59:04 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-007
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 21:45:29 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 29-Dec-2024 21:45:05

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85		1.011					ND	
2 Chloromethane	50		1.124					ND	
4 Butadiene	39		1.169					ND	
3 Vinyl chloride	62		1.179					ND	
5 Bromomethane	94		1.368					ND	
6 Chloroethane	64		1.381					ND	
8 Pentane	43		1.532					ND	U
16 Dichlorofluoromethane	67		1.551					ND	
7 Trichlorofluoromethane	101		1.571					ND	
22 1,2-Dichloro-1,1,2-trifluoroetha	67		1.751					ND	
9 Acrolein	56		1.757					ND	
11 Acetone	58		1.844					ND	
10 1,1-Dichloroethene	96		1.854					ND	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101		1.879					ND	
13 Iodomethane	142		1.960					ND	
15 Isopropyl alcohol	45		1.973					ND	
14 Carbon disulfide	76		2.031					ND	7
18 Methyl acetate	43		2.085					ND	
17 3-Chloro-1-propene	41		2.085					ND	
19 Methylene Chloride	84		2.204					ND	
* 20 t-Butyl alcohol-d10 (IS)	65	2.217	2.240	-0.023	91	306727	250.0	250.0	
21 2-Methyl-2-propanol	59		2.278					ND	
23 Acrylonitrile	53		2.375					ND	
25 Methyl tert-butyl ether	73		2.391					ND	
24 trans-1,2-Dichloroethene	96		2.397					ND	
26 Hexane	57		2.616					ND	
27 1,1-Dichloroethane	63		2.735					ND	
28 Isopropyl ether	45		2.783					ND	
29 2-Chloro-1,3-butadiene	53		2.793					ND	
30 Tert-butyl ethyl ether	59		3.069					ND	
32 2-Butanone (MEK)	43		3.159					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 cis-1,2-Dichloroethene	96		3.188					ND	
33 2,2-Dichloropropane	77		3.214					ND	
34 Propionitrile	54		3.236					ND	
35 Methacrylonitrile	67		3.355					ND	
36 Chlorobromomethane	128		3.378					ND	
37 Tetrahydrofuran	71		3.387					ND	
39 Chloroform	83		3.468					ND	
$ 41 Dibromofluoromethane (Surr)	113	3.593	3.590	0.003	93	164359	50.0	48.6	
40 1,1,1-Trichloroethane	97		3.596					ND	
42 Cyclohexane	56		3.658					ND	
44 1,1-Dichloropropene	75		3.715					ND	
43 Carbon tetrachloride	117		3.722					ND	
45 Isobutyl alcohol	41		3.844					ND	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.854	3.860	-0.006	45	38522	50.0	49.1	
47 Benzene	78		3.867					ND	
48 1,2-Dichloroethane	62		3.918					ND	
49 Tert-amyl methyl ether	73		3.998					ND	
* 50 Fluorobenzene (IS)	96	4.120	4.121	0.000	99	561423	50.0	50.0	
51 n-Heptane	43		4.137					ND	
52 n-Butanol	56		4.378					ND	
53 Trichloroethene	95		4.420					ND	
54 Methylcyclohexane	83		4.609					ND	
55 1,2-Dichloropropane	63		4.629					ND	
56 2-ethoxy-2-methyl butane	87		4.654					ND	
58 1,4-Dioxane	88		4.683					ND	
59 Methyl methacrylate	69		4.696					ND	
57 Dibromomethane	93		4.699					ND	
60 Dichlorobromomethane	83		4.860					ND	
61 2-Nitropropane	41		5.043					ND	
62 2-Chloroethyl vinyl ether	63		5.111					ND	
63 cis-1,3-Dichloropropene	75		5.227					ND	
64 4-Methyl-2-pentanone (MIBK)	43		5.374					ND	U
$ 65 Toluene-d8 (Surr)	98	5.445	5.448	-0.003	93	506307	50.0	48.3	
66 Toluene	92		5.506					ND	
67 trans-1,3-Dichloropropene	75		5.709					ND	
68 Ethyl methacrylate	69		5.773					ND	
69 1,1,2-Trichloroethane	97		5.854					ND	
70 Tetrachloroethene	166		5.902					ND	
71 1,3-Dichloropropane	76		5.966					ND	
73 2-Hexanone	43		6.024					ND	
74 Chlorodibromomethane	129		6.120					ND	
S 72 1,2-Dichloroethene, Total	100		6.155					ND	7
75 Ethylene Dibromide	107		6.188					ND	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	387181	50.0	50.0	
77 Chlorobenzene	112		6.526					ND	
78 1-Chlorohexane	91		6.535					ND	U
79 1,1,1,2-Tetrachloroethane	131		6.593					ND	
80 Ethylbenzene	91		6.600					ND	7
81 m-Xylene & p-Xylene	106		6.683					ND	
82 o-Xylene	106		6.921					ND	
83 Styrene	104		6.934					ND	
84 Bromoform	173		7.037					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
85 Isopropylbenzene	105		7.146					ND	
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	89	193601	50.0	48.2	
87 Bromobenzene	156		7.317					ND	
88 1,1,2,2-Tetrachloroethane	83		7.333					ND	
89 trans-1,4-Dichloro-2-butene	53		7.352					ND	
90 1,2,3-Trichloropropane	110		7.358					ND	
91 N-Propylbenzene	91		7.387					ND	7
92 2-Chlorotoluene	126		7.432					ND	
93 1,3,5-Trimethylbenzene	105		7.493					ND	7
94 4-Chlorotoluene	126		7.500					ND	
95 tert-Butylbenzene	134		7.664					ND	
96 1,2,4-Trimethylbenzene	105		7.696					ND	7
97 sec-Butylbenzene	105		7.786					ND	7
98 1,3-Dichlorobenzene	146		7.847					ND	7
99 4-Isopropyltoluene	119		7.873					ND	7
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	229185	50.0	50.0	
101 1,4-Dichlorobenzene	146		7.902					ND	7
102 1,2,3-Trimethylbenzene	105		7.918					ND	7
103 Benzyl chloride	91		7.963					ND	7
104 1,3-Diethylbenzene	119		8.024					ND	7
105 p-Diethylbenzene	119		8.075					ND	7
106 n-Butylbenzene	92		8.088					ND	7
107 1,2-Dichlorobenzene	146		8.091					ND	7
108 o-diethylbenzene	119		8.124					ND	7
109 1,2-Dibromo-3-Chloropropane	75		8.500					ND	
110 1,3,5-Trichlorobenzene	180		8.596					ND	7
111 1,2,4-Trichlorobenzene	180	8.911	8.911	0.000	87	993		0.2179	
112 Hexachlorobutadiene	225		8.985					ND	7
113 Naphthalene	128		9.043					ND	7
114 1,2,3-Trichlorobenzene	180	9.152	9.152	0.000	89	1273		0.2698	
115 2-Methylnaphthalene	142		9.596					ND	7
S 137 1,3-Dichloropropene, Total	100		10.060					ND	7
S 138 Xylenes, Total	106		11.245					ND	7
S 139 Total Diethylbenzene	1		0.000					ND	7
S 140 Total BTEX	1		0.000					ND	7
141 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
142 Ethyl acrylate	55		0.000					ND	
143 3-Methyl-1-butene	1		0.000					ND	
144 Propanol	1		0.000					ND	
145 Isobutyl acetate	43		0.000					ND	
146 4-Ethyltoluene	1		0.000					ND	
147 sec-Butyl Alcohol	45		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_Cent_ISSS_00032 Amount Added: 5.00 Units: uL Run Reagent

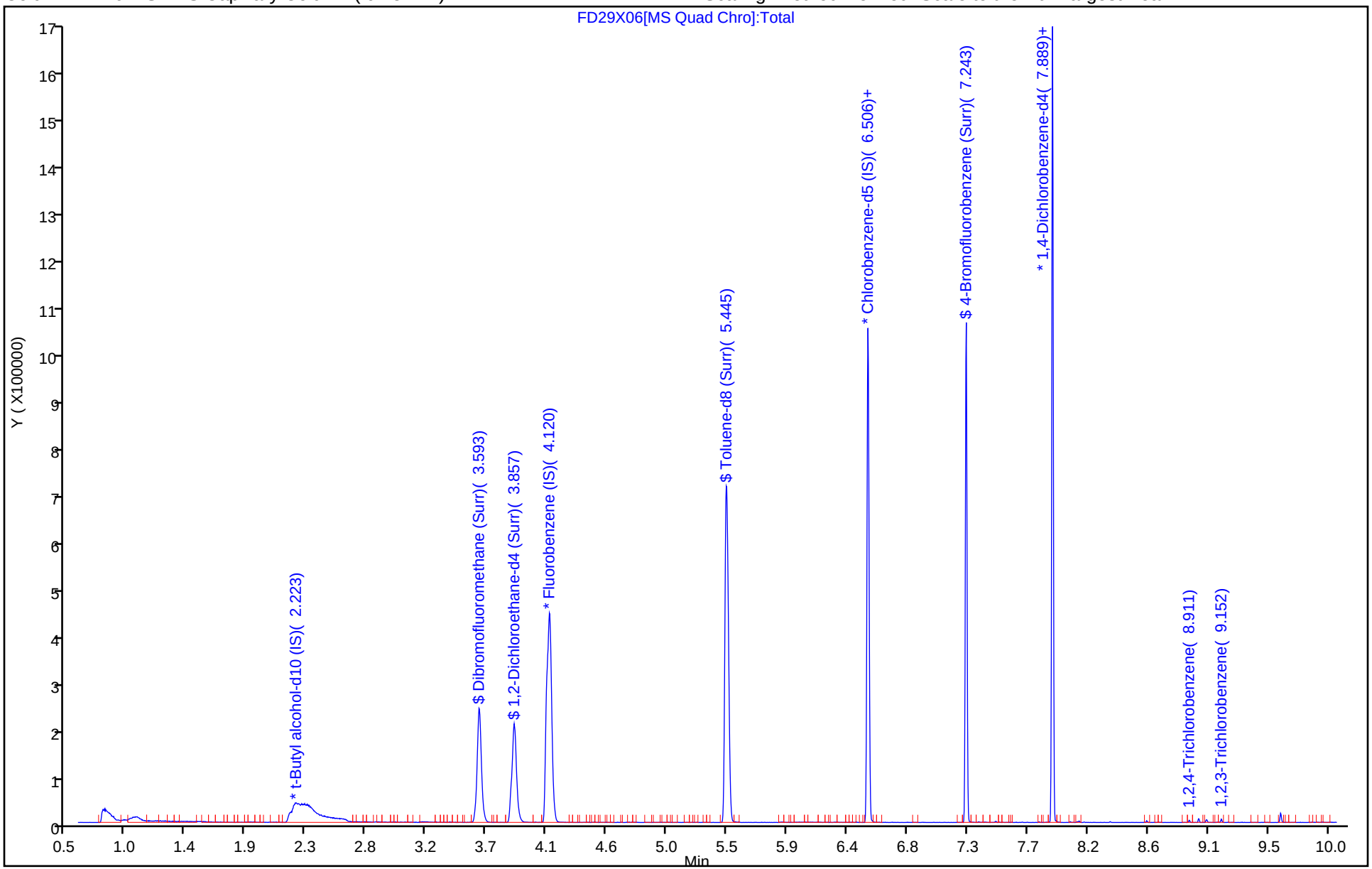
Report Date: 29-Dec-2024 21:45:45 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X06.D

Injection Date:	29-Dec-2024 20:59:04	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	56
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X06.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 29-Dec-2024 20:59:04 ALS Bottle#: 56 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-007
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 21:45:29 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 29-Dec-2024 21:45:05

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	48.6	97.24
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.1	98.19
$ 65 Toluene-d8 (Surr)	50.0	48.3	96.68
$ 86 4-Bromofluorobenzene (Surr)	50.0	48.2	96.37

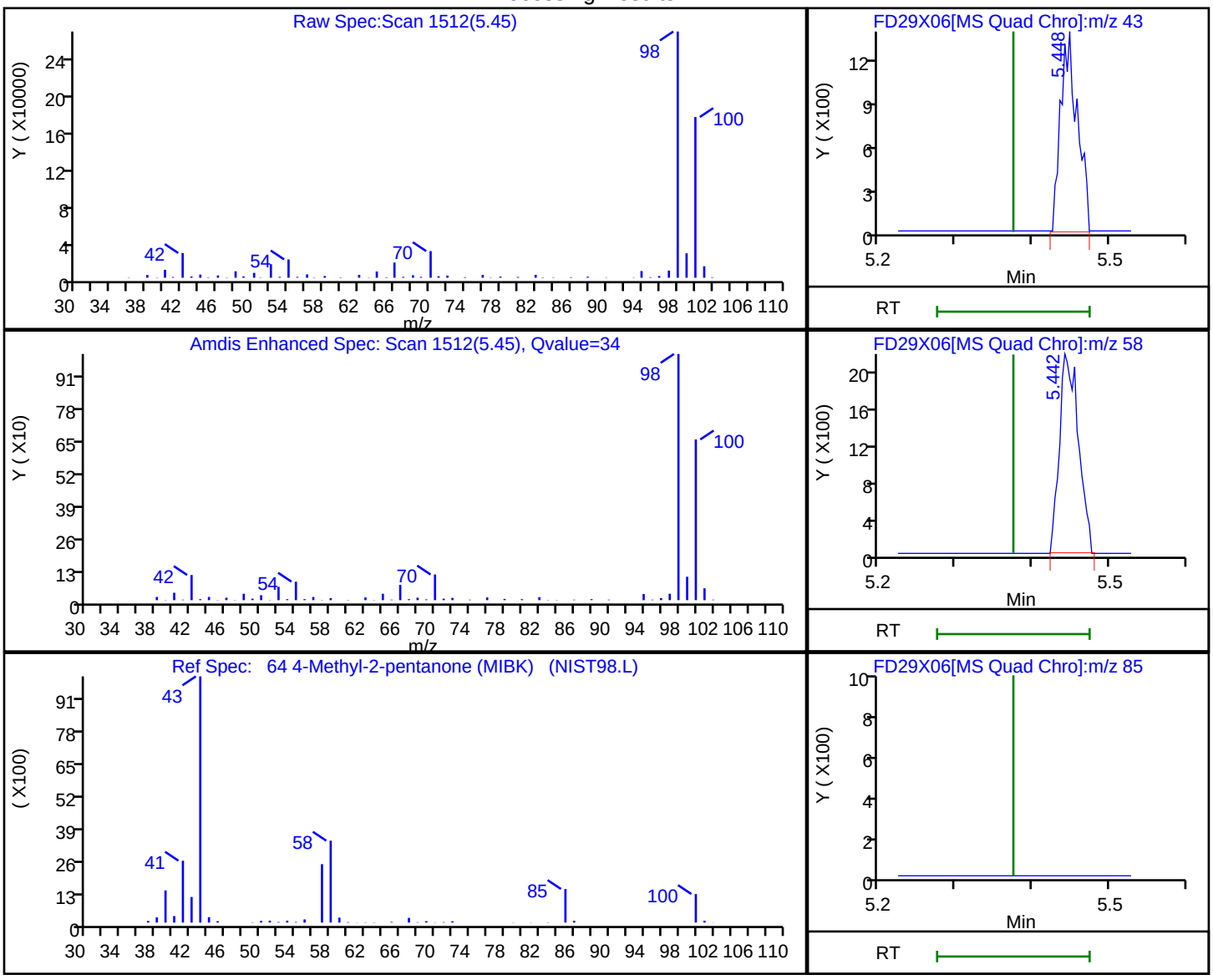
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X06.D				
Injection Date:	29-Dec-2024 20:59:04	Instrument ID:	15830		
Lims ID:	MB				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	56	Worklist Smp#:	7
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Processing Results



RT	Mass	Response	Amount
5.45	43.00	1991	0.434938
5.44	58.00	3659	
5.37	85.00	0	
5.45	100.00	331844	

Reviewer: JS6E, 29-Dec-2024 21:44:47 -05:00:00 (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.: 410-201496-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-590643/4

Matrix: Water
Lab File ID: FD29X03.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 20:00

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	14.9		1.0	0.30
71-55-6	1,1,1-Trichloroethane	16.4		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.9		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.5		1.0	0.30
75-34-3	1,1-Dichloroethane	19.6		1.0	0.30
75-35-4	1,1-Dichloroethene	19.2		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	18.9		1.0	0.20
107-06-2	1,2-Dichloroethane	17.8		1.0	0.30
78-87-5	1,2-Dichloropropane	20.4		1.0	0.30
78-93-3	2-Butanone (MEK)	268		10	0.50
591-78-6	2-Hexanone	278		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	280		10	0.50
67-64-1	Acetone	288		20	0.70
71-43-2	Benzene	19.1		1.0	0.30
74-97-5	Bromochloromethane	18.0		5.0	0.20
75-27-4	Bromodichloromethane	17.6		1.0	0.20
75-25-2	Bromoform	14.5		4.0	1.0
74-83-9	Bromomethane	18.4		1.0	0.30
75-15-0	Carbon disulfide	18.4		5.0	0.30
56-23-5	Carbon tetrachloride	14.3		1.0	0.30
108-90-7	Chlorobenzene	18.8		1.0	0.30
75-00-3	Chloroethane	20.7		1.0	0.30
67-66-3	Chloroform	17.8		1.0	0.30
74-87-3	Chloromethane	25.9		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	17.9		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.2		1.0	0.20
124-48-1	Dibromochloromethane	16.0		1.0	0.20
100-41-4	Ethylbenzene	18.2		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.5		1.0	0.20
75-09-2	Methylene Chloride	19.8		1.0	0.30
100-42-5	Styrene	18.6		5.0	0.30
127-18-4	Tetrachloroethene	16.5		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-590643/4

Matrix: Water
Lab File ID: FD29X03.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 20:00

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

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	18.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	16.0		1.0	0.20
79-01-6	Trichloroethene	17.9		1.0	0.30
75-01-4	Vinyl chloride	20.3		1.0	0.30
1330-20-7	Xylenes, Total	54.3		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	98		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	94		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\15830\20241229-134449.b\FD29X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 29-Dec-2024 20:00:13 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-004
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 22:25:49 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 30-Dec-2024 00:27:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.018	1.011	0.007	98	88927	20.0	17.9	
2 Chloromethane	50	1.133	1.124	0.009	98	135443	20.0	25.9	
4 Butadiene	39	1.172	1.169	0.003	95	131277	20.0	23.8	
3 Vinyl chloride	62	1.188	1.179	0.010	98	87270	20.0	20.3	
5 Bromomethane	94	1.371	1.368	0.003	91	59146	20.0	18.4	
6 Chloroethane	64	1.384	1.381	0.003	100	52265	20.0	20.7	
8 Pentane	43	1.535	1.532	0.003	96	89033	20.0	16.9	
16 Dichlorofluoromethane	67	1.555	1.551	0.004	99	139997	20.0	17.8	
7 Trichlorofluoromethane	101	1.577	1.571	0.006	97	109360	20.0	17.1	M
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.757	1.751	0.006	79	77606	20.0	18.1	
9 Acrolein	56	1.757	1.757	0.000	99	186712	146.3	214.8	
11 Acetone	58	1.854	1.844	0.010	100	161231	250.0	287.6	
10 1,1-Dichloroethene	96	1.847	1.854	-0.007	94	59887	20.0	19.2	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.886	1.879	0.007	92	58930	20.0	17.0	
13 Iodomethane	142	1.963	1.960	0.003	98	103994	20.0	15.6	
15 Isopropyl alcohol	45	1.973	1.973	0.000	95	75879	150.0	154.2	M
14 Carbon disulfide	76	2.027	2.031	-0.004	99	175691	20.0	18.4	M
18 Methyl acetate	43	2.092	2.085	0.007	65	113649	20.0	26.4	M
17 3-Chloro-1-propene	41	2.088	2.085	0.003	87	86378	20.0	16.4	
19 Methylene Chloride	84	2.214	2.204	0.010	93	69360	20.0	19.8	
* 20 t-Butyl alcohol-d10 (IS)	65	2.220	2.240	-0.020	94	331990	250.0	250.0	
21 2-Methyl-2-propanol	59	2.285	2.278	0.007	97	244001	200.0	187.8	
23 Acrylonitrile	53	2.378	2.375	0.003	99	257562	100.0	117.2	
25 Methyl tert-butyl ether	73	2.397	2.391	0.006	94	187301	20.0	18.5	
24 trans-1,2-Dichloroethene	96	2.397	2.397	0.000	99	62444	20.0	18.4	
26 Hexane	57	2.619	2.616	0.003	94	69540	20.0	16.8	
27 1,1-Dichloroethane	63	2.741	2.735	0.006	96	112025	20.0	19.6	
28 Isopropyl ether	45	2.783	2.783	0.000	96	174715	20.0	19.4	
29 2-Chloro-1,3-butadiene	53	2.793	2.793	0.000	92	83546	20.0	16.0	
30 Tert-butyl ethyl ether	59	3.066	3.069	-0.003	97	174481	20.0	17.4	
32 2-Butanone (MEK)	43	3.159	3.159	0.000	100	836509	250.0	268.4	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 cis-1,2-Dichloroethene	96	3.194	3.188	0.006	78	69518	20.0	17.9	
33 2,2-Dichloropropane	77	3.217	3.214	0.003	87	81222	20.0	14.5	
34 Propionitrile	54	3.240	3.236	0.004	98	146786	150.0	173.3	
35 Methacrylonitrile	67	3.358	3.355	0.003	93	324201	150.0	168.8	M
36 Chlorobromomethane	128	3.378	3.378	0.000	94	35350	20.0	18.0	
37 Tetrahydrofuran	71	3.387	3.387	0.000	84	99925	100.0	114.7	
39 Chloroform	83	3.474	3.468	0.006	93	108333	20.0	17.8	
$ 41 Dibromofluoromethane (Surr)	113	3.596	3.590	0.006	93	173203	50.0	47.2	
40 1,1,1-Trichloroethane	97	3.600	3.596	0.004	98	93304	20.0	16.4	
42 Cyclohexane	56	3.654	3.658	-0.004	89	101492	20.0	17.6	
44 1,1-Dichloropropene	75	3.715	3.715	0.000	97	77515	20.0	17.6	
43 Carbon tetrachloride	117	3.712	3.722	-0.010	86	71551	20.0	14.3	
45 Isobutyl alcohol	41	3.847	3.844	0.003	94	152078	500.0	462.2	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.860	3.860	0.000	76	41930	50.0	49.2	
47 Benzene	78	3.873	3.867	0.007	94	227950	20.0	19.1	
48 1,2-Dichloroethane	62	3.921	3.918	0.003	97	80870	20.0	17.8	
49 Tert-amyl methyl ether	73	3.998	3.998	0.000	98	169461	20.0	17.4	
* 50 Fluorobenzene (IS)	96	4.120	4.121	0.000	99	609667	50.0	50.0	
51 n-Heptane	43	4.137	4.137	0.000	91	54175	20.0	25.0	
52 n-Butanol	56	4.381	4.378	0.003	92	245600	1000.0	890.8	
53 Trichloroethene	95	4.416	4.420	-0.004	98	56742	20.0	17.9	
54 Methylcyclohexane	83	4.609	4.609	0.000	91	99585	20.0	16.7	
55 1,2-Dichloropropane	63	4.629	4.629	0.000	82	53792	20.0	20.4	
56 2-ethoxy-2-methyl butane	87	4.651	4.654	-0.003	94	80611	20.0	15.4	
58 1,4-Dioxane	88	4.683	4.683	0.000	87	40232	500.0	539.6	M
59 Methyl methacrylate	69	4.696	4.696	0.000	89	46422	20.0	19.0	
57 Dibromomethane	93	4.699	4.699	0.000	82	37786	20.0	18.7	
60 Dichlorobromomethane	83	4.860	4.860	0.000	99	64034	20.0	17.6	
61 2-Nitropropane	41	5.043	5.043	0.000	95	18415	20.0	13.0	
62 2-Chloroethyl vinyl ether	63	5.111	5.111	0.000	92	36179	20.0	21.5	
63 cis-1,3-Dichloropropene	75	5.227	5.227	0.000	95	67087	20.0	17.2	
64 4-Methyl-2-pentanone (MIBK)	43	5.374	5.374	0.000	96	1391021	250.0	279.8	
$ 65 Toluene-d8 (Surr)	98	5.448	5.448	0.000	93	561071	50.0	49.7	
66 Toluene	92	5.506	5.506	0.000	98	128495	20.0	18.6	
67 trans-1,3-Dichloropropene	75	5.709	5.709	0.000	94	57987	20.0	16.0	
68 Ethyl methacrylate	69	5.773	5.773	0.000	89	68762	20.0	16.6	
69 1,1,2-Trichloroethane	97	5.854	5.854	0.000	90	45966	20.0	19.5	
70 Tetrachloroethene	166	5.902	5.902	0.000	97	56962	20.0	16.5	
71 1,3-Dichloropropane	76	5.969	5.966	0.003	91	76344	20.0	20.3	
73 2-Hexanone	43	6.024	6.024	0.000	96	1039536	250.0	277.6	
74 Chlorodibromomethane	129	6.117	6.120	-0.003	90	44495	20.0	16.0	
75 Ethylene Dibromide	107	6.188	6.188	0.000	99	48988	20.0	18.9	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	417444	50.0	50.0	
77 Chlorobenzene	112	6.526	6.526	0.000	95	144692	20.0	18.8	
78 1-Chlorohexane	91	6.535	6.535	0.000	96	64634	20.0	17.3	
79 1,1,1,2-Tetrachloroethane	131	6.593	6.593	0.000	93	51194	20.0	14.9	
80 Ethylbenzene	91	6.599	6.600	-0.001	98	260539	20.0	18.2	
81 m-Xylene & p-Xylene	106	6.686	6.683	0.003	99	206776	40.0	36.6	
82 o-Xylene	106	6.921	6.921	0.000	97	107594	20.0	17.7	
83 Styrene	104	6.934	6.934	0.000	95	156135	20.0	18.6	
84 Bromoform	173	7.034	7.037	-0.003	96	30432	20.0	14.5	
85 Isopropylbenzene	105	7.146	7.146	0.000	96	292172	20.0	19.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	89	217758	50.0	50.3	
87 Bromobenzene	156	7.317	7.317	-0.001	92	61916	20.0	19.1	
88 1,1,2,2-Tetrachloroethane	83	7.333	7.333	0.000	95	88980	20.0	20.9	
89 trans-1,4-Dichloro-2-butene	53	7.349	7.352	-0.003	93	76312	100.0	68.1	
90 1,2,3-Trichloropropane	110	7.355	7.358	-0.003	83	30318	20.0	20.5	
91 N-Propylbenzene	91	7.387	7.387	0.000	98	316205	20.0	19.6	
92 2-Chlorotoluene	126	7.432	7.432	0.000	97	66914	20.0	19.2	
93 1,3,5-Trimethylbenzene	105	7.490	7.493	-0.003	95	242009	20.0	19.2	
94 4-Chlorotoluene	126	7.500	7.500	0.000	99	60557	20.0	19.0	
95 tert-Butylbenzene	134	7.664	7.664	0.000	93	45154	20.0	17.8	
96 1,2,4-Trimethylbenzene	105	7.696	7.696	0.000	97	239298	20.0	18.8	
97 sec-Butylbenzene	105	7.786	7.786	0.000	94	285409	20.0	18.9	
98 1,3-Dichlorobenzene	146	7.847	7.847	0.000	98	118328	20.0	18.9	
99 4-Isopropyltoluene	119	7.870	7.873	-0.003	97	250508	20.0	18.6	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	94	239359	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.902	7.902	0.000	96	122384	20.0	19.4	
102 1,2,3-Trimethylbenzene	105	7.918	7.918	0.000	98	244379	20.0	18.7	
103 Benzyl chloride	91	7.963	7.963	0.000	99	100928	20.0	11.3	
104 1,3-Diethylbenzene	119	8.021	8.024	-0.003	95	141022	20.0	18.8	
105 p-Diethylbenzene	119	8.075	8.075	0.000	95	145384	20.0	18.8	
106 n-Butylbenzene	92	8.088	8.088	0.000	98	114923	20.0	19.8	
107 1,2-Dichlorobenzene	146	8.091	8.091	0.000	99	127288	20.0	19.7	
108 o-diethylbenzene	119	8.124	8.124	0.000	95	119032	20.0	18.8	
109 1,2-Dibromo-3-Chloropropane	75	8.500	8.500	0.000	84	27545	20.0	16.7	
110 1,3,5-Trichlorobenzene	180	8.596	8.596	0.000	97	85508	20.0	18.2	
111 1,2,4-Trichlorobenzene	180	8.911	8.911	0.000	94	92088	20.0	19.3	
112 Hexachlorobutadiene	225	8.985	8.985	0.000	98	29606	20.0	17.9	
113 Naphthalene	128	9.043	9.043	0.000	97	412370	20.0	20.6	
114 1,2,3-Trichlorobenzene	180	9.152	9.152	0.000	95	98269	20.0	19.9	
115 2-Methylnaphthalene	142	9.596	9.596	0.000	93	266072	20.0	24.5	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_2CEVE_00206	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00204	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00230	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00201	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added: 5.00	Units: uL	Run Reagent

Report Date: 30-Dec-2024 00:27:21 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X03.D

Injection Date: 29-Dec-2024 20:00:13 Instrument ID: 15830 Operator ID: gaw91131

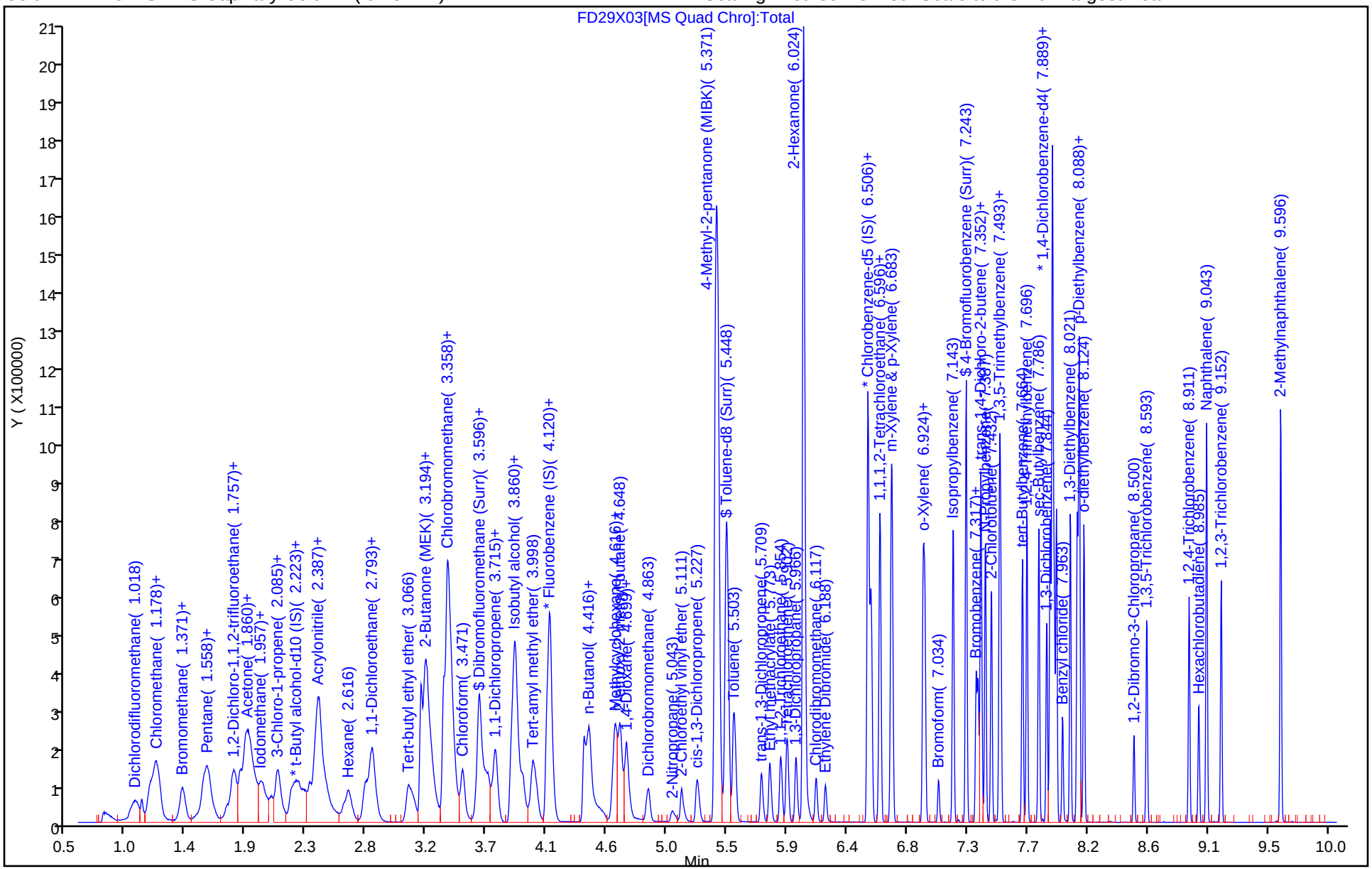
Lims ID: LCS Worklist Smp#: 4

Client ID:

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

Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X03.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 29-Dec-2024 20:00:13 ALS Bottle#: 53 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-004
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 22:25:49 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 30-Dec-2024 00:27:21

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	47.2	94.37
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	49.2	98.42
$ 65 Toluene-d8 (Surr)	50.0	49.7	99.37
$ 86 4-Bromofluorobenzene (Surr)	50.0	50.3	100.53

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

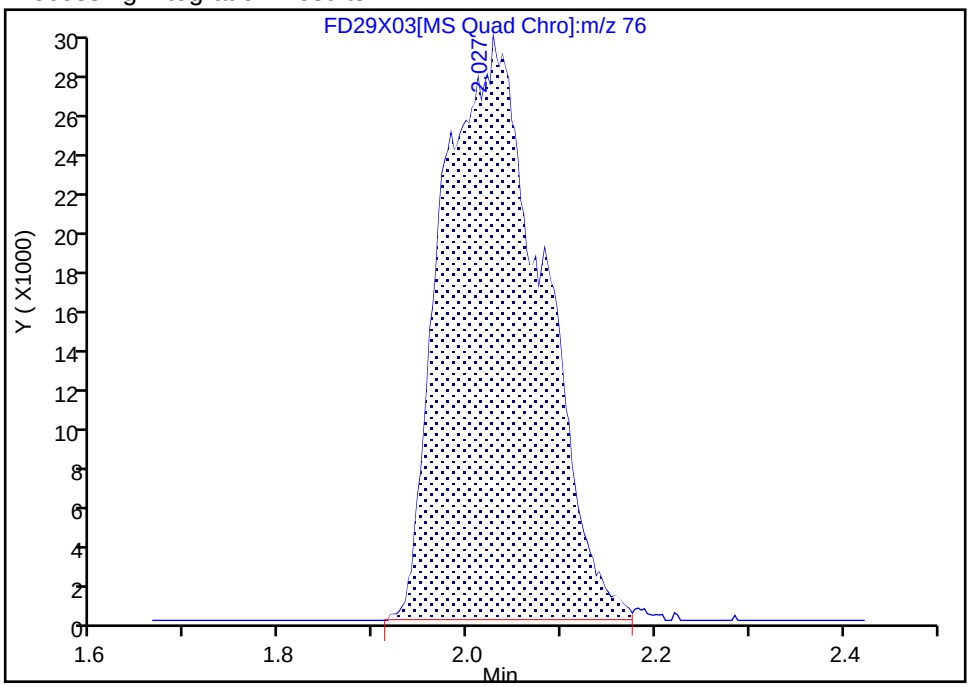
Data File:	\\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X03.D				
Injection Date:	29-Dec-2024 20:00:13	Instrument ID:	15830		
Lims ID:	LCS				
Client ID:					
Operator ID:	gaw91131	ALS Bottle#:	53	Worklist Smp#:	4
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

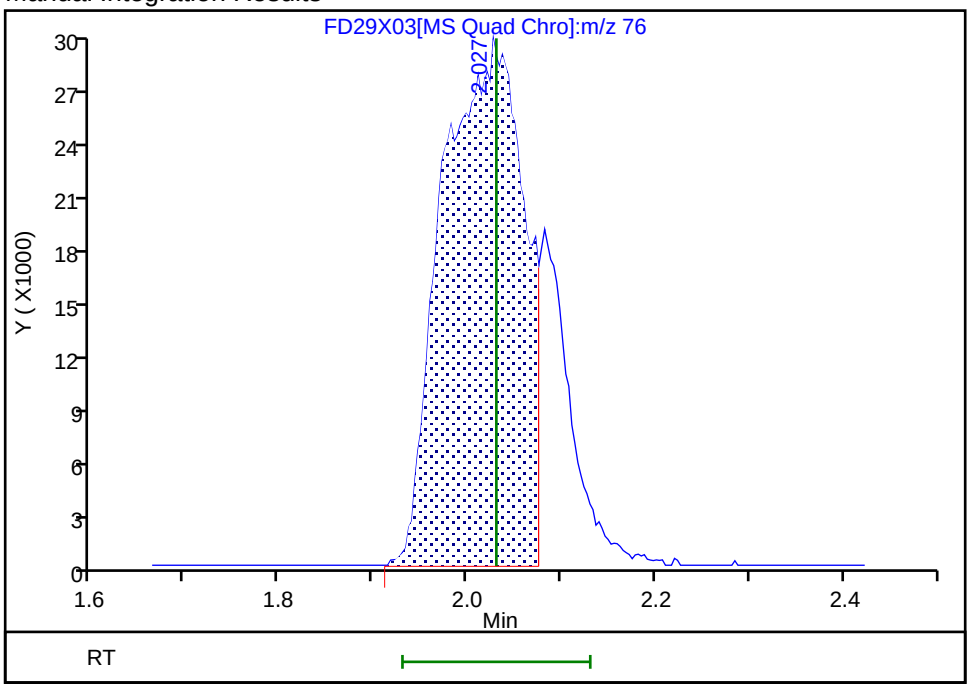
Processing Integration Results

RT: 2.03
Area: 215645
Amount: 22.627212
Amount Units: ug/l



Manual Integration Results

RT: 2.03
Area: 175691
Amount: 18.434916
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 20:26:04 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-590643/5

Matrix: Water
Lab File ID: FD29X04.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 20:19

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	14.9		1.0	0.30
71-55-6	1,1,1-Trichloroethane	15.7		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	21.1		1.0	0.30
79-00-5	1,1,2-Trichloroethane	19.2		1.0	0.30
75-34-3	1,1-Dichloroethane	19.0		1.0	0.30
75-35-4	1,1-Dichloroethene	18.9		1.0	0.30
106-93-4	1,2-Dibromoethane (EDB)	18.2		1.0	0.20
107-06-2	1,2-Dichloroethane	17.5		1.0	0.30
78-87-5	1,2-Dichloropropane	19.7		1.0	0.30
78-93-3	2-Butanone (MEK)	265		10	0.50
591-78-6	2-Hexanone	272		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	275		10	0.50
67-64-1	Acetone	313		20	0.70
71-43-2	Benzene	18.8		1.0	0.30
74-97-5	Bromochloromethane	17.4		5.0	0.20
75-27-4	Bromodichloromethane	17.2		1.0	0.20
75-25-2	Bromoform	14.0		4.0	1.0
74-83-9	Bromomethane	18.5		1.0	0.30
75-15-0	Carbon disulfide	17.6		5.0	0.30
56-23-5	Carbon tetrachloride	14.2		1.0	0.30
108-90-7	Chlorobenzene	18.7		1.0	0.30
75-00-3	Chloroethane	20.7		1.0	0.30
67-66-3	Chloroform	17.3		1.0	0.30
74-87-3	Chloromethane	26.2		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	17.7		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	16.5		1.0	0.20
124-48-1	Dibromochloromethane	15.6		1.0	0.20
100-41-4	Ethylbenzene	17.9		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.3		1.0	0.20
75-09-2	Methylene Chloride	19.6		1.0	0.30
100-42-5	Styrene	18.6		5.0	0.30
127-18-4	Tetrachloroethene	16.4		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-201496-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-590643/5

Matrix: Water
Lab File ID: FD29X04.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 12/29/2024 20:19

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 590643
Units: ug/L

Preparation Batch No.:
Instrument ID: 15830

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	18.5		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	18.3		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	15.5		1.0	0.20
79-01-6	Trichloroethene	17.7		1.0	0.30
75-01-4	Vinyl chloride	20.4		1.0	0.30
1330-20-7	Xylenes, Total	54.1		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	97		80-120
460-00-4	4-Bromofluorobenzene (Surr)	100		80-120
1868-53-7	Dibromofluoromethane (Surr)	93		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\15830\20241229-134449.b\FD29X04.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 29-Dec-2024 20:19:47 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-005
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 21:45:29 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 29-Dec-2024 21:02:40

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
1 Dichlorodifluoromethane	85	1.021	1.011	0.010	99	87148	20.0	17.6	
2 Chloromethane	50	1.134	1.124	0.010	99	137040	20.0	26.2	
4 Butadiene	39	1.179	1.169	0.010	94	132196	20.0	23.9	
3 Vinyl chloride	62	1.188	1.179	0.010	97	87468	20.0	20.4	
5 Bromomethane	94	1.375	1.368	0.007	91	59339	20.0	18.5	
6 Chloroethane	64	1.394	1.381	0.013	100	52229	20.0	20.7	
8 Pentane	43	1.542	1.532	0.010	95	86665	20.0	16.5	
16 Dichlorofluoromethane	67	1.561	1.551	0.010	99	144044	20.0	18.3	
7 Trichlorofluoromethane	101	1.577	1.571	0.006	97	110484	20.0	17.3	M
22 1,2-Dichloro-1,1,2-trifluoroetha	67	1.764	1.751	0.013	59	77129	20.0	17.9	
9 Acrolein	56	1.764	1.757	0.007	98	191921	146.3	224.3	
11 Acetone	58	1.857	1.844	0.013	100	172823	250.0	313.1	
10 1,1-Dichloroethene	96	1.863	1.854	0.009	67	58882	20.0	18.9	
12 1,1,2-Trichloro-1,2,2-trifluoroe	101	1.896	1.879	0.017	91	57755	20.0	16.7	
13 Iodomethane	142	1.966	1.960	0.006	98	103858	20.0	15.6	
15 Isopropyl alcohol	45	1.973	1.973	0.000	94	71310	150.0	147.2	M
14 Carbon disulfide	76	2.044	2.031	0.013	99	167427	20.0	17.6	M
18 Methyl acetate	43	2.098	2.085	0.013	63	108388	20.0	25.1	M
17 3-Chloro-1-propene	41	2.092	2.085	0.007	86	86693	20.0	16.5	
19 Methylene Chloride	84	2.208	2.204	0.004	93	68447	20.0	19.6	
* 20 t-Butyl alcohol-d10 (IS)	65	2.233	2.240	-0.007	89	326856	250.0	250.0	
21 2-Methyl-2-propanol	59	2.298	2.278	0.020	98	248021	200.0	193.9	
23 Acrylonitrile	53	2.381	2.375	0.006	98	264006	100.0	120.2	
25 Methyl tert-butyl ether	73	2.404	2.391	0.013	85	184980	20.0	18.3	
24 trans-1,2-Dichloroethene	96	2.407	2.397	0.010	99	62014	20.0	18.3	
26 Hexane	57	2.619	2.616	0.003	93	68650	20.0	16.6	
27 1,1-Dichloroethane	63	2.744	2.735	0.009	96	108167	20.0	19.0	
28 Isopropyl ether	45	2.786	2.783	0.003	93	170088	20.0	18.9	
29 2-Chloro-1,3-butadiene	53	2.799	2.793	0.006	91	85056	20.0	16.3	
30 Tert-butyl ethyl ether	59	3.072	3.069	0.003	97	173203	20.0	17.3	
32 2-Butanone (MEK)	43	3.162	3.159	0.003	100	824490	250.0	264.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
31 cis-1,2-Dichloroethene	96	3.198	3.188	0.010	79	68675	20.0	17.7	
33 2,2-Dichloropropane	77	3.224	3.214	0.010	85	79101	20.0	14.2	
34 Propionitrile	54	3.246	3.236	0.010	97	174136	150.0	208.8	
35 Methacrylonitrile	67	3.362	3.355	0.007	93	311373	150.0	162.1	M
36 Chlorobromomethane	128	3.381	3.378	0.003	95	34071	20.0	17.4	
37 Tetrahydrofuran	71	3.397	3.387	0.010	79	96622	100.0	112.6	M
39 Chloroform	83	3.474	3.468	0.006	93	105743	20.0	17.3	
$ 41 Dibromofluoromethane (Surr)	113	3.600	3.590	0.010	93	169775	50.0	46.3	
40 1,1,1-Trichloroethane	97	3.597	3.596	0.000	97	89495	20.0	15.7	
42 Cyclohexane	56	3.654	3.658	-0.004	89	102394	20.0	17.7	
44 1,1-Dichloropropene	75	3.719	3.715	0.004	96	76483	20.0	17.4	
43 Carbon tetrachloride	117	3.722	3.722	0.000	93	70944	20.0	14.2	
45 Isobutyl alcohol	41	3.841	3.844	-0.003	92	144506	500.0	446.1	
$ 46 1,2-Dichloroethane-d4 (Surr)	102	3.860	3.860	0.000	76	41351	50.0	48.5	
47 Benzene	78	3.873	3.867	0.007	96	224264	20.0	18.8	
48 1,2-Dichloroethane	62	3.924	3.918	0.006	98	79426	20.0	17.5	
49 Tert-amyl methyl ether	73	4.002	3.998	0.004	97	166525	20.0	17.1	
* 50 Fluorobenzene (IS)	96	4.124	4.121	0.004	99	609622	50.0	50.0	
51 n-Heptane	43	4.150	4.137	0.013	91	55568	20.0	25.6	
52 n-Butanol	56	4.381	4.378	0.003	92	238187	1000.0	877.5	
53 Trichloroethene	95	4.416	4.420	-0.004	98	56040	20.0	17.7	
54 Methylcyclohexane	83	4.616	4.609	0.007	89	99462	20.0	16.7	
55 1,2-Dichloropropane	63	4.632	4.629	0.003	96	51971	20.0	19.7	
56 2-ethoxy-2-methyl butane	87	4.654	4.654	0.000	94	78409	20.0	15.0	
58 1,4-Dioxane	88	4.683	4.683	0.000	86	38471	500.0	524.1	M
59 Methyl methacrylate	69	4.699	4.696	0.003	92	43569	20.0	17.8	
57 Dibromomethane	93	4.703	4.699	0.004	82	37044	20.0	18.3	
60 Dichlorobromomethane	83	4.863	4.860	0.003	99	62572	20.0	17.2	
61 2-Nitropropane	41	5.040	5.043	-0.003	96	16362	20.0	11.7	
62 2-Chloroethyl vinyl ether	63	5.111	5.111	0.000	93	34294	20.0	20.4	
63 cis-1,3-Dichloropropene	75	5.227	5.227	0.000	95	64357	20.0	16.5	
64 4-Methyl-2-pentanone (MIBK)	43	5.378	5.374	0.004	97	1367483	250.0	275.1	
$ 65 Toluene-d8 (Surr)	98	5.449	5.448	0.001	93	552586	50.0	49.8	
66 Toluene	92	5.503	5.506	-0.003	98	125464	20.0	18.5	
67 trans-1,3-Dichloropropene	75	5.709	5.709	0.000	94	55197	20.0	15.5	
68 Ethyl methacrylate	69	5.773	5.773	0.000	89	65843	20.0	16.1	
69 1,1,2-Trichloroethane	97	5.854	5.854	0.000	92	44335	20.0	19.2	
70 Tetrachloroethene	166	5.902	5.902	0.000	95	55453	20.0	16.4	
71 1,3-Dichloropropane	76	5.969	5.966	0.003	90	73445	20.0	19.8	
73 2-Hexanone	43	6.024	6.024	0.000	96	1000384	250.0	272.0	
74 Chlorodibromomethane	129	6.121	6.120	0.001	90	42503	20.0	15.6	
75 Ethylene Dibromide	107	6.188	6.188	0.000	100	46338	20.0	18.2	
* 76 Chlorobenzene-d5 (IS)	117	6.506	6.506	0.000	85	409925	50.0	50.0	
77 Chlorobenzene	112	6.526	6.526	0.000	95	141154	20.0	18.7	
78 1-Chlorohexane	91	6.535	6.535	0.000	97	61362	20.0	16.7	
79 1,1,1,2-Tetrachloroethane	131	6.593	6.593	0.000	94	50482	20.0	14.9	
80 Ethylbenzene	91	6.600	6.600	0.000	98	251995	20.0	17.9	
81 m-Xylene & p-Xylene	106	6.686	6.683	0.003	99	200820	40.0	36.2	
82 o-Xylene	106	6.921	6.921	0.000	96	106677	20.0	17.9	
83 Styrene	104	6.934	6.934	0.000	95	153094	20.0	18.6	
84 Bromoform	173	7.037	7.037	0.000	96	28971	20.0	14.0	
85 Isopropylbenzene	105	7.146	7.146	0.000	95	289092	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
$ 86 4-Bromofluorobenzene (Surr)	95	7.243	7.243	0.000	87	212662	50.0	50.0	
87 Bromobenzene	156	7.317	7.317	0.000	92	60388	20.0	18.9	
88 1,1,2,2-Tetrachloroethane	83	7.333	7.333	0.000	96	88661	20.0	21.1	
89 trans-1,4-Dichloro-2-butene	53	7.352	7.352	0.000	93	71935	100.0	65.3	
90 1,2,3-Trichloropropane	110	7.358	7.358	0.000	85	29015	20.0	19.9	
91 N-Propylbenzene	91	7.387	7.387	0.000	99	311950	20.0	19.6	
92 2-Chlorotoluene	126	7.429	7.432	-0.003	96	64775	20.0	18.9	
93 1,3,5-Trimethylbenzene	105	7.493	7.493	0.000	94	237076	20.0	19.1	
94 4-Chlorotoluene	126	7.500	7.500	0.000	98	58251	20.0	18.5	
95 tert-Butylbenzene	134	7.664	7.664	0.000	93	43882	20.0	17.6	
96 1,2,4-Trimethylbenzene	105	7.696	7.696	0.000	97	233554	20.0	18.7	
97 sec-Butylbenzene	105	7.786	7.786	0.000	94	281293	20.0	18.9	
98 1,3-Dichlorobenzene	146	7.847	7.847	0.000	97	114567	20.0	18.6	
99 4-Isopropyltoluene	119	7.873	7.873	0.000	97	242712	20.0	18.3	
* 100 1,4-Dichlorobenzene-d4	152	7.889	7.889	0.000	95	235495	50.0	50.0	
101 1,4-Dichlorobenzene	146	7.902	7.902	0.000	95	114256	20.0	18.4	
102 1,2,3-Trimethylbenzene	105	7.918	7.918	0.000	98	235517	20.0	18.3	
103 Benzyl chloride	91	7.963	7.963	0.000	99	93227	20.0	10.6	
104 1,3-Diethylbenzene	119	8.024	8.024	0.000	96	140073	20.0	19.0	
105 p-Diethylbenzene	119	8.075	8.075	0.000	94	142906	20.0	18.8	
106 n-Butylbenzene	92	8.088	8.088	0.000	97	110005	20.0	19.2	
107 1,2-Dichlorobenzene	146	8.092	8.091	0.001	98	122452	20.0	19.2	
108 o-diethylbenzene	119	8.124	8.124	0.000	95	114171	20.0	18.3	
109 1,2-Dibromo-3-Chloropropane	75	8.500	8.500	0.000	82	25854	20.0	15.9	
110 1,3,5-Trichlorobenzene	180	8.593	8.596	-0.003	97	80670	20.0	17.5	
111 1,2,4-Trichlorobenzene	180	8.911	8.911	0.000	94	86225	20.0	18.4	
112 Hexachlorobutadiene	225	8.985	8.985	0.000	97	27939	20.0	17.2	
113 Naphthalene	128	9.043	9.043	0.000	97	389231	20.0	19.7	
114 1,2,3-Trichlorobenzene	180	9.153	9.152	0.001	96	92261	20.0	19.0	
115 2-Methylnaphthalene	142	9.596	9.596	0.000	92	233920	20.0	21.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_2CEVE_00206	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00204	Amount Added: 50.00	Units: uL	
MSV_LCS_Gases_00230	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00201	Amount Added: 50.00	Units: uL	
MSV_Cent_ISSS_00032	Amount Added: 5.00	Units: uL	Run Reagent

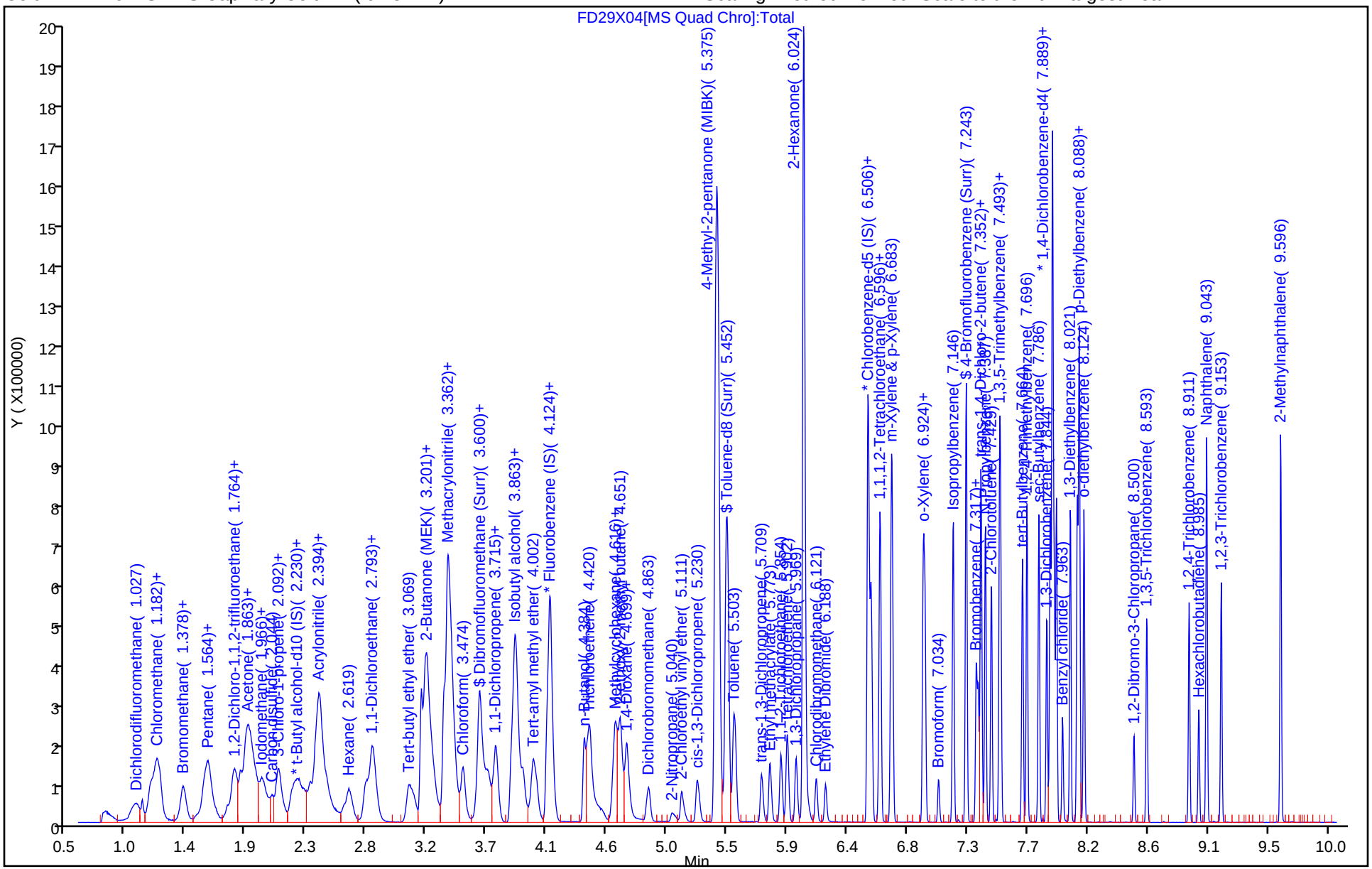
Report Date: 29-Dec-2024 21:45:37 Chrom Revision: 2.3 17-Dec-2024 12:44:46

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X04.D

Injection Date:	29-Dec-2024 20:19:47	Instrument ID:	15830	Operator ID:	gaw91131
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	54
Method:	MSVoa_15830_PT2	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X04.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 29-Dec-2024 20:19:47 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info:
Misc. Info.: 410-0134449-005
Operator ID: gaw91131 Instrument ID: 15830

Method: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\MSVoa_15830_PT2.m
Limit Group: MSV - 8260C_D
Last Update: 29-Dec-2024 21:45:29 Calib Date: 28-Oct-2024 18:29:23
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\15830\20241028-129020.b\FC28X09.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1655

First Level Reviewer: JS6E Date: 29-Dec-2024 21:02:40

Compound	Amount Added	Amount Recovered	% Rec.
$ 41 Dibromofluoromethane (Surr)	50.0	46.3	92.51
$ 46 1,2-Dichloroethane-d4 (Surr)	50.0	48.5	97.07
$ 65 Toluene-d8 (Surr)	50.0	49.8	99.67
$ 86 4-Bromofluorobenzene (Surr)	50.0	50.0	99.98

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

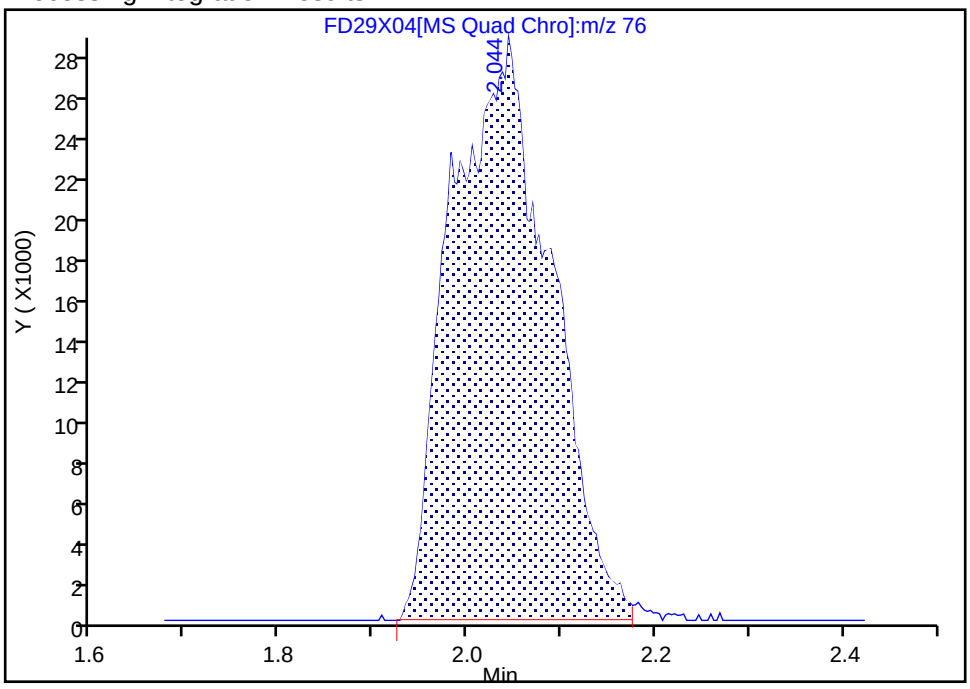
Data File: \\chromfs\Lancaster\ChromData\15830\20241229-134449.b\FD29X04.D
Injection Date: 29-Dec-2024 20:19:47 Instrument ID: 15830
Lims ID: LCSD
Client ID:
Operator ID: gaw91131 ALS Bottle#: 54 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_15830_PT2 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

14 Carbon disulfide, CAS: 75-15-0

Signal: 1

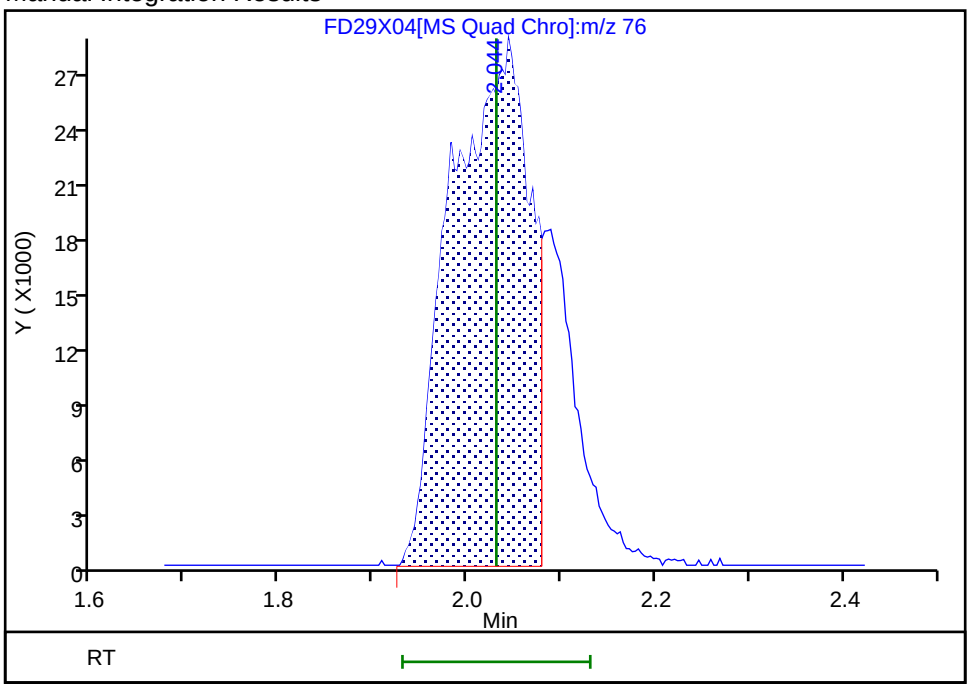
Processing Integration Results

RT: 2.04
Area: 211940
Amount: 22.240095
Amount Units: ug/l



Manual Integration Results

RT: 2.04
Area: 167427
Amount: 17.569088
Amount Units: ug/l



Reviewer: JS6E, 29-Dec-2024 21:01:01 -05:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830

Start Date: 10/28/2024 15:41

Analysis Batch Number: 568594

End Date: 10/28/2024 19:08

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-568594/1		10/28/2024 15:41	1	FC28T01.D	R-624SilMS 30m 0.25(mm)
IC 410-568594/4		10/28/2024 16:32	1	FC28X03.D	R-624SilMS 30m 0.25(mm)
IC 410-568594/5		10/28/2024 16:51	1	FC28X04.D	R-624SilMS 30m 0.25(mm)
IC 410-568594/6		10/28/2024 17:11	1	FC28X05.D	R-624SilMS 30m 0.25(mm)
IC 410-568594/7		10/28/2024 17:30	1	FC28X06.D	R-624SilMS 30m 0.25(mm)
ICIS 410-568594/8		10/28/2024 17:50	1	FC28X07.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-568594/1008		10/28/2024 17:50	1		R-624SilMS 30m 0.25(mm)
IC 410-568594/9		10/28/2024 18:09	1	FC28X08.D	R-624SilMS 30m 0.25(mm)
IC 410-568594/10		10/28/2024 18:29	1	FC28X09.D	R-624SilMS 30m 0.25(mm)
ICV 410-568594/12		10/28/2024 19:08	1	FC28X11.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		10/28/2024 19:08	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-201496-1

SDG No.:

Instrument ID: 15830 Start Date: 12/29/2024 19:05

Analysis Batch Number: 590643 End Date: 12/30/2024 02:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-590643/1		12/29/2024 19:05	1	FD29T01.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-590643/3		12/29/2024 19:40	1	FD29X02.D	R-624SilMS 30m 0.25(mm)
LCS 410-590643/4		12/29/2024 20:00	1	FD29X03.D	R-624SilMS 30m 0.25(mm)
LCSD 410-590643/5		12/29/2024 20:19	1	FD29X04.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		12/29/2024 20:39	1		R-624SilMS 30m 0.25(mm)
MB 410-590643/7		12/29/2024 20:59	1	FD29X06.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/29/2024 21:18	1		R-624SilMS 30m 0.25(mm)
410-201496-6	HD-QC1-0/1-3	12/29/2024 21:38	1	FD29X08.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/29/2024 21:57	1		R-624SilMS 30m 0.25(mm)
410-201496-1	HD-MW-5-0/1-0	12/29/2024 22:17	1	FD29X10.D	R-624SilMS 30m 0.25(mm)
410-201496-2	HD-MW-6-0/1-0	12/29/2024 22:36	1	FD29X11.D	R-624SilMS 30m 0.25(mm)
410-201496-3	HD-MW-88-0/1-0	12/29/2024 22:56	1	FD29X12.D	R-624SilMS 30m 0.25(mm)
410-201496-4	HD-MW-101S-0/1-0	12/29/2024 23:15	1	FD29X13.D	R-624SilMS 30m 0.25(mm)
410-201496-5	HD-MW-101D-0/1-0	12/29/2024 23:34	1	FD29X14.D	R-624SilMS 30m 0.25(mm)
410-201496-7	HD-QC1-0/1-4	12/29/2024 23:54	1	FD29X15.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 00:13	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 00:33	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 00:52	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 01:12	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 01:31	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 01:51	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 02:10	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 02:30	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		12/30/2024 02:50	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-201496-1

SDG No.:

Batch Number: 568594 | Batch Start Date: 10/28/24 15:41 | Batch Analyst: Campbell, Miranda E

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppb 00006	MSV_CCV_2CEVE 00199	MSV_CCV_GASES 00905
BFB 410-568594/1		8260D			1 uL	1 uL				
IC 410-568594/4		8260D			5 mL	5 mL	2768	25 mL		
IC 410-568594/5		8260D			5 mL	5 mL	2768		4 uL	2 uL
IC 410-568594/6		8260D			5 mL	5 mL	2768		2 uL	1 uL
IC 410-568594/7		8260D			5 mL	5 mL	2768		4 uL	2 uL
ICIS 410-568594/8		8260D			5 mL	5 mL	2768		5 uL	2.5 uL
IC 410-568594/9		8260D			5 mL	5 mL	2768		5 uL	2.5 uL
IC 410-568594/10		8260D			5 mL	5 mL	2768		15 uL	7.5 uL
ICV 410-568594/12		8260D			5 mL	5 mL	2768			

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_VOC#1 00207	MSV_CCV_VOC#3 00205	MSV_Cent_ISSS 00032	MSV_LCS_2CEVE 00196	MSV_LCS_ACROL 00196	MSV_LCS_VOC#1 00191
BFB 410-568594/1		8260D								
IC 410-568594/4		8260D					5 uL			
IC 410-568594/5		8260D			4 uL	3.2 uL	5 uL			
IC 410-568594/6		8260D			2 uL	1.6 uL	5 uL			
IC 410-568594/7		8260D			4 uL	3.2 uL	5 uL			
ICIS 410-568594/8		8260D			5 uL	4 uL	5 uL			
IC 410-568594/9		8260D			5 uL	4 uL	5 uL			
IC 410-568594/10		8260D			15 uL	12 uL	5 uL			
ICV 410-568594/12		8260D					5 uL	50 uL	50 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_QC_2K_GAS 00273	MSV_V_BFB 00017				
BFB 410-568594/1		8260D				1 uL				
IC 410-568594/4		8260D								
IC 410-568594/5		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.: 410-201496-1

SDG No.:

Batch Number: 568594 Batch Start Date: 10/28/24 15:41 Batch Analyst: Campbell, Miranda E

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_QC_2K_GAS 00273	MSV_V_BFB 00017				
IC 410-568594/6		8260D								
IC 410-568594/7		8260D								
ICIS 410-568594/8		8260D								
IC 410-568594/9		8260D								
IC 410-568594/10		8260D								
ICV 410-568594/12		8260D			1 uL					

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-201496-1

SDG No.:

Batch Number: 590643 | Batch Start Date: 12/29/24 19:05 | 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 410-590643/1		8260D			1 uL	1 uL				
CCVIS 410-590643/3		8260D			5 mL	5 mL				2774
LCS 410-590643/4		8260D			5 mL	5 mL				2774
LCSD 410-590643/5		8260D			5 mL	5 mL				2774
MB 410-590643/7		8260D			5 mL	5 mL				2774
410-201496-A-6	HD-QC1-0/1-3	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-201496-A-1	HD-MW-5-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-201496-A-2	HD-MW-6-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-201496-A-3	HD-MW-88-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-201496-A-4	HD-MW-101S-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-201496-A-5	HD-MW-101D-0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-201496-A-7	HD-QC1-0/1-4	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00207	MSV_CCV_GASES 00921	MSV_CCV_VOC#1 00215	MSV_CCV_VOC#3 00215	MSV_Cent_ISSS 00032	MSV_LCS_2CEVE 00206
BFB 410-590643/1		8260D								
CCVIS 410-590643/3		8260D			5 uL	2.5 uL	5 uL	4 uL	5 uL	
LCS 410-590643/4		8260D							5 uL	50 uL
LCSD 410-590643/5		8260D							5 uL	50 uL
MB 410-590643/7		8260D							5 uL	
410-201496-A-6	HD-QC1-0/1-3	8260D	Water	T					5 uL	
410-201496-A-1	HD-MW-5-0/1-0	8260D	Water	T					5 uL	
410-201496-A-2	HD-MW-6-0/1-0	8260D	Water	T					5 uL	
410-201496-A-3	HD-MW-88-0/1-0	8260D	Water	T					5 uL	
410-201496-A-4	HD-MW-101S-0/1-0	8260D	Water	T					5 uL	

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-201496-1

SDG No.:

Batch Number: 590643 | Batch Start Date: 12/29/24 19:05 | Batch Analyst: Walmer, Gavin

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00207	MSV_CCV_GASES 00921	MSV_CCV_VOC#1 00215	MSV_CCV_VOC#3 00215	MSV_Cent_ISSS 00032	MSV_LCS_2CEVE 00206
410-201496-A-5	HD-MW-101D-0/1-0	8260D	Water	T					5 uL	
410-201496-A-7	HD-QC1-0/1-4	8260D	Water	T					5 uL	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00204	MSV_LCS_Gases 00230	MSV_LCS_VOC#1 00201	MSV_V_BFB 00018		
BFB 410-590643/1		8260D						1 uL		
CCVIS 410-590643/3		8260D								
LCS 410-590643/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-590643/5		8260D			50 uL	50 uL	50 uL			
MB 410-590643/7		8260D								
410-201496-A-6	HD-QC1-0/1-3	8260D	Water	T						
410-201496-A-1	HD-MW-5-0/1-0	8260D	Water	T						
410-201496-A-2	HD-MW-6-0/1-0	8260D	Water	T						
410-201496-A-3	HD-MW-88-0/1-0	8260D	Water	T						
410-201496-A-4	HD-MW-101S-0/1-0	8260D	Water	T						
410-201496-A-5	HD-MW-101D-0/1-0	8260D	Water	T						
410-201496-A-7	HD-QC1-0/1-4	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

410-201496 Chain of Custody

Environmental Analysis Request/Chain of Custody

pg. 1 of 1

Environmental

Acct. # _____ Group # _____ Sample # _____

Client:	Groundwater Sciences Corporation		
Project Name/#:	TI Area 1 Quarterly Sampling Event	Site ID #:	fYNOP, York PA
Project Manager:	Chris O'Neil	P.O. #:	10012.512 CSL
Sampler:	Casey Littlefield / ~~Lucas Grimm~~ SCOTT MORGAN	PWSID #:	N/A
Phone #:	(717) 901-8176 / (717) 756-1246	Quote #:	
State where samples were collected: York, PA		For Compliance:	Yes ☐ No ☑

Sample Identification	Collection Date	Collection Time	Grab	Composite	Matrix: Soil ☐ Sediment ☐ Tissue	Water: Potable ☐ Ground ☑ NPDES ☐ Surface	Other:	Total # of Containers	Analyses Requested: Aqueous VOCs via 8260D (standarded level - purge)	Preservation Codes: H	Remarks
HD-MW-5-0/1-0	12/17/24	1510	X			6		3	3		
HD-MW-6-0/1-0	12/17/24	1350									
HD-MW-88-0/1-0	12/17/24	1440									
HD-MW-101S-0/1-0		1205									
HD-MW-101D-0/1-0		1048									
HD-QC1-0/1-3		1505									Rinse blank
HD-QC1-0/1-4		1500	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

Turnaround Time Requested (TAT) (please check): Standard ☑ Rush ☐

(Rush TAT is subject to laboratory approval and surcharges.)

Date results are needed:

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]	12/18/24	1530	Christyn D. O'Neil	12/18/24	15:40
Christyn D. O'Neil	12/18/24	0931	ELLE	12/19/24	931
ELLE	12/19/24	1425			
Relinquished by Commercial Carrier: UPS _____ FedEx _____ Other X			Temperature upon receipt R:0.8 C:0.4 °C		

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7045 0216

Login Sample Receipt Checklist

Client: Groundwater Sciences Corporation

Job Number: 410-201496-1

Login Number: 201496

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Reiff, Nicole L

Question	Answer	Comment
The cooler's custody seal is intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=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	