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ANALYTICAL REPORT

PREPARED FOR

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Generated 07/09/2025

JOB DESCRIPTION

fyNOP - Harley Quarterly SPBA

JOB NUMBER

410-229235-1

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

See page two for job notes and contact information.

Job Notes

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

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

Authorization

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Generated
07/09/2025

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Compliance Statement

Analytical test results meet all requirements of the associated regulatory program (e.g., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis. Data qualifiers are applied to note exceptions. Noncompliant quality control (QC) is further explained in narrative comments.
· QC results that exceed the upper limits and are associated with non-detect samples are qualified but further narration is not required since the bias is high and does not change a non-detect result. Further narration is also not required with QC blank detection when the associated sample concentration is non-detect or more than ten times the level in the blank.
· Matrix QC may not be reported if insufficient sample or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD is 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.

Measurement uncertainty values, as applicable, are available upon request.

Test results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" and tested in the laboratory are not performed within 15 minutes of collection.

WARRANTY AND LIMITS OF LIABILITY - In accepting analytical work, we warrant the accuracy of test results for the sample as submitted. The foregoing express warranty is exclusive and is given in lieu of all other warranties, expressed or implied, except as otherwise agreed. We disclaim any other warranties, expressed or implied, including a warranty of fitness for particular purpose and warranty of merchantability. In no event shall Eurofins Lancaster Laboratories Environmental, LLC be liable for indirect, special, consequential, or incidental damages including, but not limited to, damages for loss of profit or goodwill regardless of (A) the negligence (either sole or concurrent) of Eurofins Lancaster Laboratories Environmental and (B) whether Eurofins Lancaster Laboratories Environmental has been informed of the possibility of such damages. We accept no legal responsibility for the purposes for which the client uses the test results. Except as otherwise agreed, no purchase order or other order for work shall be accepted by Eurofins Lancaster Laboratories Environmental which includes any conditions that vary from the Standard Terms and Conditions, and Eurofins Lancaster Laboratories Environmental hereby objects to any conflicting terms contained in any acceptance or order submitted by client.

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Qualifiers

GC/MS VOA

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

Glossary

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

Job Narrative
410-229235-1

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

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

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

Receipt
The samples were received on 6/25/2025 11:47 AM. 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 7.8°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 410-667897 recovered above the upper control limit for Acetone. Non-detections of the affected analytes are reported. Any detections are considered estimated.

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

Detection Summary

Client: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

Client Sample ID: HD-CW-21 - 0/1-0
Lab Sample ID: 410-229235-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.54	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	97		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.65	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-CW-22 - 0/1-0
Lab Sample ID: 410-229235-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.72	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	53		1.0	0.30	ug/L	1		8260D	Total/NA
Trichloroethene	0.82	J	1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-CW-23 - 0/1-0
Lab Sample ID: 410-229235-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.79	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	24		1.0	0.30	ug/L	1		8260D	Total/NA

Client Sample ID: HD-SPBA-EFF - 0/1-0
Lab Sample ID: 410-229235-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.57	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	76		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: Trip Blank
Lab Sample ID: 410-229235-5

No Detections.

This Detection Summary does not include radiochemical test results.

Client Sample ID: HD-CW-21 - 0/1-0
Lab Sample ID: 410-229235-1

Date Collected: 06/25/25 09:05
Matrix: Groundwater
Date Received: 06/25/25 11:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Ethylene Dibromide	ND		1.0	0.20	ug/L			07/08/25 01:06	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/08/25 01:06	1
2-Hexanone	ND		10	0.85	ug/L			07/08/25 01:06	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/08/25 01:06	1
Acetone	ND	^c cn	20	0.70	ug/L			07/08/25 01:06	1
Benzene	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/08/25 01:06	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/08/25 01:06	1
Bromoform	ND		4.0	1.0	ug/L			07/08/25 01:06	1
Bromomethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/08/25 01:06	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Chloroethane	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Chloroform	**0.54**	**J**	1.0	0.30	ug/L			07/08/25 01:06	1
Chloromethane	ND		2.0	0.55	ug/L			07/08/25 01:06	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:06	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 01:06	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/08/25 01:06	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/08/25 01:06	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/08/25 01:06	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Styrene	ND		5.0	0.30	ug/L			07/08/25 01:06	1
Tetrachloroethene	**97**		1.0	0.30	ug/L			07/08/25 01:06	1
Toluene	ND		1.0	0.30	ug/L			07/08/25 01:06	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/08/25 01:06	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 01:06	1
Trichloroethene	**0.65**	**J**	1.0	0.30	ug/L			07/08/25 01:06	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/08/25 01:06	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/08/25 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*07/08/25 01:06*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/08/25 01:06*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*07/08/25 01:06*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/08/25 01:06*	*1*

Client Sample ID: HD-CW-22 - 0/1-0
Lab Sample ID: 410-229235-2

Date Collected: 06/25/25 09:12
Matrix: Groundwater
Date Received: 06/25/25 11:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Ethylene Dibromide	ND		1.0	0.20	ug/L			07/08/25 01:29	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/08/25 01:29	1
2-Hexanone	ND		10	0.85	ug/L			07/08/25 01:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/08/25 01:29	1
Acetone	ND	^c cn	20	0.70	ug/L			07/08/25 01:29	1
Benzene	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/08/25 01:29	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/08/25 01:29	1
Bromoform	ND		4.0	1.0	ug/L			07/08/25 01:29	1
Bromomethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/08/25 01:29	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Chloroethane	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Chloroform	**0.72**	**J**	1.0	0.30	ug/L			07/08/25 01:29	1
Chloromethane	ND		2.0	0.55	ug/L			07/08/25 01:29	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:29	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 01:29	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/08/25 01:29	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/08/25 01:29	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/08/25 01:29	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Styrene	ND		5.0	0.30	ug/L			07/08/25 01:29	1
Tetrachloroethene	**53**		1.0	0.30	ug/L			07/08/25 01:29	1
Toluene	ND		1.0	0.30	ug/L			07/08/25 01:29	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/08/25 01:29	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 01:29	1
Trichloroethene	**0.82**	**J**	1.0	0.30	ug/L			07/08/25 01:29	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/08/25 01:29	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/08/25 01:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*		*07/08/25 01:29*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/08/25 01:29*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*07/08/25 01:29*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/08/25 01:29*	*1*

Client Sample ID: HD-CW-23 - 0/1-0

Lab Sample ID: 410-229235-3

Date Collected: 06/25/25 09:20

Matrix: Water

Date Received: 06/25/25 11:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Ethylene Dibromide	ND		1.0	0.20	ug/L			07/08/25 01:51	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/08/25 01:51	1
2-Hexanone	ND		10	0.85	ug/L			07/08/25 01:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/08/25 01:51	1
Acetone	ND	^c cn	20	0.70	ug/L			07/08/25 01:51	1
Benzene	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/08/25 01:51	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/08/25 01:51	1
Bromoform	ND		4.0	1.0	ug/L			07/08/25 01:51	1
Bromomethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/08/25 01:51	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Chloroethane	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Chloroform	**0.79**	**J**	1.0	0.30	ug/L			07/08/25 01:51	1
Chloromethane	ND		2.0	0.55	ug/L			07/08/25 01:51	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:51	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 01:51	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/08/25 01:51	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/08/25 01:51	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/08/25 01:51	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Styrene	ND		5.0	0.30	ug/L			07/08/25 01:51	1
Tetrachloroethene	**24**		1.0	0.30	ug/L			07/08/25 01:51	1
Toluene	ND		1.0	0.30	ug/L			07/08/25 01:51	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/08/25 01:51	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 01:51	1
Trichloroethene	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/08/25 01:51	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/08/25 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*103*		*80 - 120*		*07/08/25 01:51*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*07/08/25 01:51*	*1*
Dibromofluoromethane (Surr)	*107*		*80 - 120*		*07/08/25 01:51*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/08/25 01:51*	*1*

Client Sample ID: HD-SPBA-EFF - 0/1-0
Lab Sample ID: 410-229235-4

Date Collected: 06/25/25 09:28
Matrix: Water
Date Received: 06/25/25 11:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Ethylene Dibromide	ND		1.0	0.20	ug/L			07/08/25 02:13	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/08/25 02:13	1
2-Hexanone	ND		10	0.85	ug/L			07/08/25 02:13	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/08/25 02:13	1
Acetone	ND	^c cn	20	0.70	ug/L			07/08/25 02:13	1
Benzene	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/08/25 02:13	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/08/25 02:13	1
Bromoform	ND		4.0	1.0	ug/L			07/08/25 02:13	1
Bromomethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/08/25 02:13	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Chloroethane	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Chloroform	**0.57**	**J**	1.0	0.30	ug/L			07/08/25 02:13	1
Chloromethane	ND		2.0	0.55	ug/L			07/08/25 02:13	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 02:13	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 02:13	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/08/25 02:13	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/08/25 02:13	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/08/25 02:13	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Styrene	ND		5.0	0.30	ug/L			07/08/25 02:13	1
Tetrachloroethene	**76**		1.0	0.30	ug/L			07/08/25 02:13	1
Toluene	ND		1.0	0.30	ug/L			07/08/25 02:13	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/08/25 02:13	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 02:13	1
Trichloroethene	**0.54**	**J**	1.0	0.30	ug/L			07/08/25 02:13	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/08/25 02:13	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/08/25 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*80 - 120*		*07/08/25 02:13*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*07/08/25 02:13*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*07/08/25 02:13*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*07/08/25 02:13*	*1*

Client Sample ID: Trip Blank
Lab Sample ID: 410-229235-5

Date Collected: 06/25/25 00:00
Matrix: Water
Date Received: 06/25/25 11:47

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Ethylene Dibromide	ND		1.0	0.20	ug/L			07/08/25 00:44	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/08/25 00:44	1
2-Hexanone	ND		10	0.85	ug/L			07/08/25 00:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/08/25 00:44	1
Acetone	ND	^c cn	20	0.70	ug/L			07/08/25 00:44	1
Benzene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/08/25 00:44	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/08/25 00:44	1
Bromoform	ND		4.0	1.0	ug/L			07/08/25 00:44	1
Bromomethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/08/25 00:44	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Chloroethane	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Chloroform	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Chloromethane	ND		2.0	0.55	ug/L			07/08/25 00:44	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 00:44	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/08/25 00:44	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/08/25 00:44	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/08/25 00:44	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Styrene	ND		5.0	0.30	ug/L			07/08/25 00:44	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Toluene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/08/25 00:44	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/08/25 00:44	1
Trichloroethene	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/08/25 00:44	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/08/25 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*80 - 120*		*07/08/25 00:44*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*07/08/25 00:44*	*1*
Dibromofluoromethane (Surr)	*106*		*80 - 120*		*07/08/25 00:44*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*07/08/25 00:44*	*1*

Default Detection Limits

Client: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

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

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

Surrogate Summary

Client: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

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

Matrix: Groundwater **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)
410-229235-1	HD-CW-21 - 0/1-0	103	99	105	102
410-229235-2	HD-CW-22 - 0/1-0	105	99	106	104

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

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)
410-229235-3	HD-CW-23 - 0/1-0	103	97	107	102
410-229235-4	HD-SPBA-EFF - 0/1-0	100	97	106	101
410-229235-5	Trip Blank	102	99	106	102
LCS 410-667897/4	Lab Control Sample	101	101	104	104
LCSD 410-667897/5	Lab Control Sample Dup	105	95	105	104
MB 410-667897/7	Method Blank	104	101	105	104

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 410-667897/7
Matrix: Water
Analysis Batch: 667897

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
1,1,1-Trichloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
1,1,2,2-Tetrachloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
1,1,2-Trichloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
1,1-Dichloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
1,1-Dichloroethene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Ethylene Dibromide	ND		1.0	0.20	ug/L			07/07/25 23:47	1
1,2-Dichloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
1,2-Dichloropropane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
2-Butanone (MEK)	ND		10	1.0	ug/L			07/07/25 23:47	1
2-Hexanone	ND		10	0.85	ug/L			07/07/25 23:47	1
4-Methyl-2-pentanone (MIBK)	ND		10	0.50	ug/L			07/07/25 23:47	1
Acetone	ND		20	0.70	ug/L			07/07/25 23:47	1
Benzene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Bromochloromethane	ND		5.0	0.20	ug/L			07/07/25 23:47	1
Bromodichloromethane	ND		1.0	0.20	ug/L			07/07/25 23:47	1
Bromoform	ND		4.0	1.0	ug/L			07/07/25 23:47	1
Bromomethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Carbon disulfide	ND		5.0	0.30	ug/L			07/07/25 23:47	1
Carbon tetrachloride	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Chlorobenzene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Chloroethane	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Chloroform	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Chloromethane	ND		2.0	0.55	ug/L			07/07/25 23:47	1
cis-1,2-Dichloroethene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
cis-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/07/25 23:47	1
Dibromochloromethane	ND		1.0	0.20	ug/L			07/07/25 23:47	1
Ethylbenzene	ND		1.0	0.40	ug/L			07/07/25 23:47	1
Methyl tert-butyl ether	ND		1.0	0.20	ug/L			07/07/25 23:47	1
Methylene Chloride	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Styrene	ND		5.0	0.30	ug/L			07/07/25 23:47	1
Tetrachloroethene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Toluene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
trans-1,2-Dichloroethene	ND		2.0	0.70	ug/L			07/07/25 23:47	1
trans-1,3-Dichloropropene	ND		1.0	0.20	ug/L			07/07/25 23:47	1
Trichloroethene	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Vinyl chloride	ND		1.0	0.30	ug/L			07/07/25 23:47	1
Xylenes, Total	ND		1.0	0.40	ug/L			07/07/25 23:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*80 - 120*		*07/07/25 23:47*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*07/07/25 23:47*	*1*
Dibromofluoromethane (Surr)	*105*		*80 - 120*		*07/07/25 23:47*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*07/07/25 23:47*	*1*

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

Lab Sample ID: LCS 410-667897/4
Matrix: Water
Analysis Batch: 667897

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1,2-Tetrachloroethane	20.0	20.8		ug/L		104	79 - 120
1,1,1-Trichloroethane	20.0	19.7		ug/L		99	73 - 120
1,1,2,2-Tetrachloroethane	20.0	19.8		ug/L		99	72 - 120
1,1,2-Trichloroethane	20.0	20.5		ug/L		103	80 - 120
1,1-Dichloroethane	20.0	20.9		ug/L		104	80 - 120
1,1-Dichloroethene	20.0	20.3		ug/L		101	80 - 131
Ethylene Dibromide	20.0	20.2		ug/L		101	77 - 120
1,2-Dichloroethane	20.0	19.5		ug/L		97	73 - 124
1,2-Dichloropropane	20.0	19.5		ug/L		97	80 - 120
2-Butanone (MEK)	250	250		ug/L		100	59 - 135
2-Hexanone	250	260		ug/L		104	56 - 135
4-Methyl-2-pentanone (MIBK)	250	258		ug/L		103	62 - 133
Acetone	250	256		ug/L		102	57 - 143
Benzene	20.0	19.5		ug/L		98	80 - 120
Bromochloromethane	20.0	21.1		ug/L		106	80 - 120
Bromodichloromethane	20.0	19.4		ug/L		97	71 - 120
Bromoform	20.0	20.0		ug/L		100	51 - 120
Bromomethane	20.0	18.1		ug/L		91	53 - 128
Carbon disulfide	20.0	18.0		ug/L		90	65 - 128
Carbon tetrachloride	20.0	19.8		ug/L		99	64 - 134
Chlorobenzene	20.0	19.6		ug/L		98	80 - 120
Chloroethane	20.0	17.5		ug/L		88	55 - 123
Chloroform	20.0	20.4		ug/L		102	80 - 120
Chloromethane	20.0	18.7		ug/L		94	39 - 134
cis-1,2-Dichloroethene	20.0	20.3		ug/L		102	80 - 125
cis-1,3-Dichloropropene	20.0	17.4		ug/L		87	75 - 120
Dibromochloromethane	20.0	20.4		ug/L		102	71 - 120
Ethylbenzene	20.0	19.5		ug/L		98	80 - 120
Methyl tert-butyl ether	20.0	19.1		ug/L		95	69 - 122
Methylene Chloride	20.0	20.9		ug/L		104	80 - 120
Styrene	20.0	19.8		ug/L		99	80 - 120
Tetrachloroethene	20.0	20.2		ug/L		101	80 - 120
Toluene	20.0	20.3		ug/L		101	80 - 120
trans-1,2-Dichloroethene	20.0	20.4		ug/L		102	80 - 126
trans-1,3-Dichloropropene	20.0	18.3		ug/L		91	67 - 120
Trichloroethene	20.0	19.0		ug/L		95	80 - 120
Vinyl chloride	20.0	18.4		ug/L		92	56 - 120
Xylenes, Total	60.0	59.3		ug/L		99	80 - 120

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

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

Lab Sample ID: LCSD 410-667897/5
Matrix: Water
Analysis Batch: 667897

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	20.6		ug/L		103	79 - 120	1	30
1,1,1-Trichloroethane			20.0	20.0		ug/L		100	73 - 120	1	30
1,1,2,2-Tetrachloroethane			20.0	20.1		ug/L		100	72 - 120	2	30
1,1,2-Trichloroethane			20.0	20.5		ug/L		103	80 - 120	0	30
1,1-Dichloroethane			20.0	20.4		ug/L		102	80 - 120	2	30
1,1-Dichloroethene			20.0	20.6		ug/L		103	80 - 131	2	30
Ethylene Dibromide			20.0	19.9		ug/L		100	77 - 120	2	30
1,2-Dichloroethane			20.0	20.2		ug/L		101	73 - 124	3	30
1,2-Dichloropropane			20.0	19.1		ug/L		95	80 - 120	2	30
2-Butanone (MEK)			250	250		ug/L		100	59 - 135	0	30
2-Hexanone			250	261		ug/L		104	56 - 135	1	30
4-Methyl-2-pentanone (MIBK)			250	257		ug/L		103	62 - 133	0	30
Acetone			250	280		ug/L		112	57 - 143	9	30
Benzene			20.0	19.8		ug/L		99	80 - 120	1	30
Bromochloromethane			20.0	21.6		ug/L		108	80 - 120	2	30
Bromodichloromethane			20.0	19.6		ug/L		98	71 - 120	1	30
Bromoform			20.0	20.0		ug/L		100	51 - 120	0	30
Bromomethane			20.0	18.3		ug/L		91	53 - 128	1	30
Carbon disulfide			20.0	17.4		ug/L		87	65 - 128	3	30
Carbon tetrachloride			20.0	19.9		ug/L		99	64 - 134	0	30
Chlorobenzene			20.0	20.1		ug/L		100	80 - 120	2	30
Chloroethane			20.0	17.7		ug/L		88	55 - 123	1	30
Chloroform			20.0	20.6		ug/L		103	80 - 120	1	30
Chloromethane			20.0	18.8		ug/L		94	39 - 134	1	30
cis-1,2-Dichloroethene			20.0	20.4		ug/L		102	80 - 125	0	30
cis-1,3-Dichloropropene			20.0	17.3		ug/L		87	75 - 120	0	30
Dibromochloromethane			20.0	20.1		ug/L		100	71 - 120	1	30
Ethylbenzene			20.0	19.6		ug/L		98	80 - 120	1	30
Methyl tert-butyl ether			20.0	18.8		ug/L		94	69 - 122	1	30
Methylene Chloride			20.0	21.1		ug/L		106	80 - 120	1	30
Styrene			20.0	19.7		ug/L		98	80 - 120	1	30
Tetrachloroethene			20.0	20.6		ug/L		103	80 - 120	2	30
Toluene			20.0	20.4		ug/L		102	80 - 120	0	30
trans-1,2-Dichloroethene			20.0	20.5		ug/L		103	80 - 126	0	30
trans-1,3-Dichloropropene			20.0	18.0		ug/L		90	67 - 120	1	30
Trichloroethene			20.0	19.1		ug/L		95	80 - 120	0	30
Vinyl chloride			20.0	18.1		ug/L		91	56 - 120	2	30
Xylenes, Total			60.0	59.5		ug/L		99	80 - 120	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*105*		*80 - 120*
4-Bromofluorobenzene (Surr)	*95*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*80 - 120*
Toluene-d8 (Surr)	*104*		*80 - 120*

QC Association Summary

Client: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

GC/MS VOA

Analysis Batch: 667897

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
410-229235-1	HD-CW-21 - 0/1-0	Total/NA	Groundwater	8260D	
410-229235-2	HD-CW-22 - 0/1-0	Total/NA	Groundwater	8260D	
410-229235-3	HD-CW-23 - 0/1-0	Total/NA	Water	8260D	
410-229235-4	HD-SPBA-EFF - 0/1-0	Total/NA	Water	8260D	
410-229235-5	Trip Blank	Total/NA	Water	8260D	
MB 410-667897/7	Method Blank	Total/NA	Water	8260D	
LCS 410-667897/4	Lab Control Sample	Total/NA	Water	8260D	
LCSD 410-667897/5	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

Client Sample ID: HD-CW-21 - 0/1-0
Lab Sample ID: 410-229235-1
Date Collected: 06/25/25 09:05
Matrix: Groundwater
Date Received: 06/25/25 11:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	667897	Z6YX	ELLE	07/08/25 01:06

Client Sample ID: HD-CW-22 - 0/1-0
Lab Sample ID: 410-229235-2
Date Collected: 06/25/25 09:12
Matrix: Groundwater
Date Received: 06/25/25 11:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	667897	Z6YX	ELLE	07/08/25 01:29

Client Sample ID: HD-CW-23 - 0/1-0
Lab Sample ID: 410-229235-3
Date Collected: 06/25/25 09:20
Matrix: Water
Date Received: 06/25/25 11:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	667897	Z6YX	ELLE	07/08/25 01:51

Client Sample ID: HD-SPBA-EFF - 0/1-0
Lab Sample ID: 410-229235-4
Date Collected: 06/25/25 09:28
Matrix: Water
Date Received: 06/25/25 11:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	667897	Z6YX	ELLE	07/08/25 02:13

Client Sample ID: Trip Blank
Lab Sample ID: 410-229235-5
Date Collected: 06/25/25 00:00
Matrix: Water
Date Received: 06/25/25 11:47

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	667897	Z6YX	ELLE	07/08/25 00:44

Laboratory References:

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

Accreditation/Certification Summary

Client: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

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: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

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: Hydro-Terra Group
Job ID: 410-229235-1
Project/Site: fyNOP - Harley Quarterly SPBA

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
410-229235-1	HD-CW-21 - 0/1-0	Groundwater	06/25/25 09:05	06/25/25 11:47
410-229235-2	HD-CW-22 - 0/1-0	Groundwater	06/25/25 09:12	06/25/25 11:47
410-229235-3	HD-CW-23 - 0/1-0	Water	06/25/25 09:20	06/25/25 11:47
410-229235-4	HD-SPBA-EFF - 0/1-0	Water	06/25/25 09:28	06/25/25 11:47
410-229235-5	Trip Blank	Water	06/25/25 00:00	06/25/25 11:47

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Analysis Batch Number: 664115

Lab Sample ID: IC 410-664115/18 Client Sample ID:

Date Analyzed: 06/27/25 16:57 Lab File ID: YU27X12.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.55	Incomplete Integration	Y6ZN	06/27/25 18:42
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 18:42
Methyl acrylate	5.81	Split Peak	Y6ZN	06/27/25 18:42
1,2-Dichloroethane	7.00	Split Peak	Y6ZN	06/27/25 18:43
1,4-Dioxane	8.27	Incomplete Integration	Y6ZN	06/27/25 18:44

Lab Sample ID: IC 410-664115/17 Client Sample ID:

Date Analyzed: 06/27/25 17:20 Lab File ID: YU27X13.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 18:45
Methyl acrylate	5.82	Split Peak	Y6ZN	06/27/25 18:46
1,4-Dioxane	8.25	Split Peak	Y6ZN	06/27/25 18:46

Lab Sample ID: ICIS 410-664115/16 Client Sample ID:

Date Analyzed: 06/27/25 17:42 Lab File ID: YU27X14.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 18:37
Methyl acrylate	5.81	Split Peak	Y6ZN	06/27/25 18:38
1,4-Dioxane	8.26	Split Peak	Y6ZN	06/27/25 18:38

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Analysis Batch Number: 664115

Lab Sample ID: IC 410-664115/15 Client Sample ID:

Date Analyzed: 06/27/25 18:05 Lab File ID: YU27X15.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.95	Split Peak	Y6ZN	06/27/25 18:47
Methyl acrylate	5.83	Split Peak	Y6ZN	06/27/25 18:47
1,4-Dioxane	8.25	Incomplete Integration	Y6ZN	06/27/25 18:48

Lab Sample ID: IC 410-664115/14 Client Sample ID:

Date Analyzed: 06/27/25 18:27 Lab File ID: YU27X16.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	3.38	Baseline	Y6ZN	06/27/25 19:22
t-Butyl alcohol	3.93	Split Peak	Y6ZN	06/27/25 19:22
Methyl acrylate	5.84	Split Peak	Y6ZN	06/27/25 19:23

Lab Sample ID: IC 410-664115/13 Client Sample ID:

Date Analyzed: 06/27/25 18:50 Lab File ID: YU27X17.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
2-Propanol	3.38	Baseline	Y6ZN	06/27/25 19:24
t-Butyl alcohol	3.94	Baseline	Y6ZN	06/27/25 19:24

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Analysis Batch Number: 664115

Lab Sample ID: IC 410-664115/12 Client Sample ID:

Date Analyzed: 06/27/25 19:12 Lab File ID: YU27X18.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,3-Butadiene	2.08	Baseline	Y6ZN	06/27/25 19:45
n-Pentane	2.76	Baseline	Y6ZN	06/27/25 19:46
2-Propanol	3.37	Split Peak	Y6ZN	06/27/25 19:46
Carbon disulfide	3.51	Incomplete Integration	Y6ZN	06/27/25 19:52
2-Butanone (MEK)	5.71	Baseline	Y6ZN	06/27/25 19:47
Methyl acrylate	5.87	Assign Peak	Y6ZN	06/27/25 19:47
Bromodichloromethane	8.51	Incomplete Integration	Y6ZN	06/27/25 19:47

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Analysis Batch Number: 664281

Lab Sample ID: ICV 410-664281/1005 Client Sample ID:

Date Analyzed: 06/27/25 22:46 Lab File ID: -YU27X34-ICV.d GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
t-Butyl alcohol	3.94	Split Peak	Y6ZN	06/27/25 23:12
1,2-Dichloroethane	6.99	Split Peak	Y6ZN	06/27/25 23:12
1,4-Dioxane	8.26	Split Peak	Y6ZN	06/27/25 23:12

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Analysis Batch Number: 667897

Lab Sample ID: CCVIS 410-667897/3 Client Sample ID:

Date Analyzed: 07/07/25 22:17 Lab File ID: YL07X36.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,4-Dioxane	8.27	Incomplete Integration	Z6YX	07/07/25 22:40

Lab Sample ID: LCSD 410-667897/5 Client Sample ID:

Date Analyzed: 07/07/25 23:02 Lab File ID: YL07X38.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Carbon disulfide	3.52	Incomplete Integration	Z6YX	07/08/25 00:08

Lab Sample ID: 410-229235-3 Client Sample ID: HD-CW-23 - 0/1-0

Date Analyzed: 07/08/25 01:51 Lab File ID: YL07X44.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	N9NA	07/08/25 15:09

Lab Sample ID: 410-229235-4 Client Sample ID: HD-SPBA-EFF - 0/1-0

Date Analyzed: 07/08/25 02:13 Lab File ID: YL07X45.D GC Column: R-624SilMS 30 ID: 0.25(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
1,1,2-Trichloroethane		Invalid Compound ID	N9NA	07/08/25 15:09

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_4ppb_00013	07/03/25	06/27/25	DI Water, Lot DI 25118	1000 mL	MSV_CCV_2CEVE_00233	4 uL	2-Chloroethyl vinyl ether	4 ug/L
					MSV_CCV_GASES_01062	2 uL	1,2-Dichloro-1,1,2-trifluoroethane	4 ug/L
							Bromomethane	4 ug/L
							Butadiene	4 ug/L
							Chloroethane	4 ug/L
							Chloromethane	4 ug/L
							Dichlorodifluoromethane	4 ug/L
							Dichlorofluoromethane	4 ug/L
							Trichlorofluoromethane	4 ug/L
							Vinyl chloride	4 ug/L
					MSV_CCV_OH_Sp_00022	4 uL	2-Ethylhexyl acrylate	3.99789 ug/L
							n-Butyl acrylate	3.99833 ug/L
							Ethyl acrylate	4.00142 ug/L
							Methyl acrylate	4.00074 ug/L
					MSV_CCV_VOC#1_00241	4 uL	1,1,1,2-Tetrachloroethane	4 ug/L
							1,1,1-Trichloroethane	4 ug/L
							1,1,2,2-Tetrachloroethane	4 ug/L
							1,1,2-Trichloroethane	4 ug/L
							1,1-Dichloroethane	4 ug/L
							1,1-Dichloroethene	4 ug/L
							1,1-Dichloropropene	4 ug/L
							1,2,3-Trichlorobenzene	4 ug/L
							1,2,3-Trichloropropane	4 ug/L
							1,2,4-Trichlorobenzene	4 ug/L
							1,2,4-Trimethylbenzene	4 ug/L
							1,2-Dibromo-3-Chloropropane	4 ug/L
							1,2-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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							cis-1,2-Dichloroethene	4 ug/L
							cis-1,3-Dichloropropene	4 ug/L
							Dibromochloromethane	4 ug/L
							Dibromomethane	4 ug/L
							Ethylbenzene	4 ug/L
							Ethylene Dibromide	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methyl methacrylate	4 ug/L
							Methyl tert-butyl ether	4 ug/L
							Methylcyclohexane	4 ug/L
							n-Butanol	50 ug/L
							n-Heptane	4 ug/L
							o-diethylbenzene	4 ug/L
							p-Diethylbenzene	4 ug/L
							Pentane	4 ug/L
							Propionitrile	20 ug/L
							Tert-amyl methyl ether	4 ug/L
							Tert-butyl ethyl ether	4 ug/L
							Tetrahydrofuran	20 ug/L
							trans-1,4-Dichloro-2-butene	10 ug/L
					MSV_CCV_VOC#3_00242	3.2 uL	Acrolein	39.0352 ug/L
							2-Butanone (MEK)	8 ug/L
							2-Hexanone	8 ug/L
							4-Methyl-2-pentanone (MIBK)	8 ug/L
							Acetone	8 ug/L
.MSV_CCV_2CEVE_00233	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00238	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
..MSV_V_2CLEVE_00238	05/31/27		Restek, Lot A0211425		(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
.MSV_CCV_GASES_01062	07/03/25		Restek, Lot A0212054		(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
.MSV_CCV_OH_Sp_00022	07/07/25	06/17/25	Methanol, Lot EH822	1 mL	MSV_V_Acr_Std_00009	200 uL	2-Ethylhexyl acrylate	999.472 ug/mL
							n-Butyl acrylate	999.582 ug/mL
							Ethyl acrylate	1000.35 ug/mL
							Methyl acrylate	1000.19 ug/mL
..MSV_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
					MSV_MStk_BAcr_00006	1.004 mL	n-Butyl acrylate	4997.91 ug/mL
					MSV_MStk_EtAc_00005	1.007 mL	Ethyl acrylate	5001.77 ug/mL
					MSV_MStk_MAcr_00005	0.904 mL	Methyl acrylate	5000.93 ug/mL
...MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL
....MSV_2Eth6Acry_00001	02/28/28		Sigma Aldrich, Lot MKCN1302		(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
...MSV_MStk_BAcr_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
....MSV_nButylAcr_00006	01/31/26		Chem Service, Lot 14061100		(Purchased Reagent)		n-Butyl acrylate	1 g/g
...MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
....MSV_EthylAcry_00004	03/31/26		Chem Service, Lot 15464400		(Purchased Reagent)		Ethyl acrylate	1 g/g
...MSV_MStk_MAcr_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00004	0.5532 g	Methyl acrylate	55320 ug/mL
....MSV_MethylAcr_00004	01/31/26		Chem Service, Lot 14862200		(Purchased Reagent)		Methyl acrylate	1 g/g
.MSV_CCV_VOC#1_00241	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00238	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-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
							Ethylene Dibromide	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							tert-Butylbenzene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00242	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
..MSV_MegaMIX#1_00238	07/23/25		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,1,2-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-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
							Ethylene Dibromide	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
..MSV_MegaMix#2_00242	07/23/25		Restek, Lot A0212010		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
.MSV_CCV_VOC#3_00242	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00236	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
..MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
...MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
....MSV_ACROLEIN_00041	08/31/25	Chem Service, Lot 15807600			(Purchased Reagent)		Acrolein	0.929 g/g
..MSV_V_Ketones_00236	04/30/27	Restek, Lot A0210935			(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_2CEVE_00233	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_V_2CLEVE_00238	1 mL	2-Chloroethyl vinyl ether	1000 ug/mL
.MSV_V_2CLEVE_00238	05/31/27	Restek, Lot A0211425			(Purchased Reagent)		2-Chloroethyl vinyl ether	5000 ug/mL
MSV_CCV_GASES_01062	07/03/25	Restek, Lot A0212054			(Purchased Reagent)		1,2-Dichloro-1,1,2-trifluoroethane	2000 ug/mL
							Bromomethane	2000 ug/mL
							Butadiene	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Dichlorodifluoromethane	2000 ug/mL
							Dichlorofluoromethane	2000 ug/mL
							Trichlorofluoromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_GASES_01075	07/10/25	Restek, Lot A0225685			(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_CCV_OH_Sp_00022	07/07/25	06/17/25	Methanol, Lot EH822	1 mL	MSV_V_Acr_Std_00009	200 uL	2-Ethylhexyl acrylate	999.472 ug/mL
							n-Butyl acrylate	999.582 ug/mL
							Ethyl acrylate	1000.35 ug/mL
							Methyl acrylate	1000.19 ug/mL
.MSV_V_Acr_Std_00009	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MStk_2E6A_00005	0.887 mL	2-Ethylhexyl acrylate	4997.36 ug/mL
					MSV_MStk_BAcr_00006	1.004 mL	n-Butyl acrylate	4997.91 ug/mL
					MSV_MStk_EtAc_00005	1.007 mL	Ethyl acrylate	5001.77 ug/mL
					MSV_MStk_MAcr_00005	0.904 mL	Methyl acrylate	5000.93 ug/mL
..MSV_MStk_2E6A_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_2Eth6Acry_00001	0.5634 g	2-Ethylhexyl acrylate	56340 ug/mL
...MSV_2Eth6Acry_00001	02/28/28	Sigma Aldrich, Lot MKCN1302			(Purchased Reagent)		2-Ethylhexyl acrylate	1 g/g
..MSV_MStk_BAcr_00006	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_nButylAcr_00006	0.4978 g	n-Butyl acrylate	49780 ug/mL
...MSV_nButylAcr_00006	01/31/26	Chem Service, Lot 14061100			(Purchased Reagent)		n-Butyl acrylate	1 g/g
..MSV_MStk_EtAc_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_EthylAcry_00004	0.4967 g	Ethyl acrylate	49670 ug/mL
...MSV_EthylAcry_00004	03/31/26	Chem Service, Lot 15464400			(Purchased Reagent)		Ethyl acrylate	1 g/g
..MSV_MStk_MAcr_00005	07/07/25	01/07/25	Methanol, Lot EH471	10 mL	MSV_MethylAcr_00004	0.5532 g	Methyl acrylate	55320 ug/mL
...MSV_MethylAcr_00004	01/31/26	Chem Service, Lot 14862200			(Purchased Reagent)		Methyl acrylate	1 g/g
MSV_CCV_VOC#1_00241	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00238	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							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-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
							Ethylene Dibromide	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00242	1 mL	1,1,2-Trichloro-1,2,2-trifluoroethane	1000 ug/mL
							1,2,3-Trimethylbenzene	1000 ug/mL
							1,3,5-Trichlorobenzene	1000 ug/mL
							1,3-Diethylbenzene	1000 ug/mL
							1,4-Dioxane	12500 ug/mL
							1-Chlorohexane	1000 ug/mL
							2-Chloro-1,3-butadiene	1000 ug/mL
							2-ethoxy-2-methyl butane	1000 ug/mL
							2-Methyl-2-propanol	5000 ug/mL
							2-Methylnaphthalene	1000 ug/mL
							2-Nitropropane	5000 ug/mL
							3-Chloro-1-propene	1000 ug/mL
							Acrylonitrile	2500 ug/mL
							Benzyl chloride	1000 ug/mL
							Carbon disulfide	1000 ug/mL
							Cyclohexane	1000 ug/mL
							Ethyl methacrylate	1000 ug/mL
							Hexane	1000 ug/mL
							Iodomethane	1000 ug/mL
							Isobutyl alcohol	12500 ug/mL
							Isopropyl alcohol	5000 ug/mL
							Isopropyl ether	1000 ug/mL
							Methacrylonitrile	2500 ug/mL
							Methyl acetate	1000 ug/mL
							Methyl methacrylate	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
							Methylcyclohexane	1000 ug/mL
							n-Butanol	12500 ug/mL
							n-Heptane	1000 ug/mL
							o-diethylbenzene	1000 ug/mL
							p-Diethylbenzene	1000 ug/mL
							Pentane	1000 ug/mL
							Propionitrile	5000 ug/mL
							Tert-amyl methyl ether	1000 ug/mL
							Tert-butyl ethyl ether	1000 ug/mL
							Tetrahydrofuran	5000 ug/mL
							trans-1,4-Dichloro-2-butene	2500 ug/mL
.MSV_MegaMIX#1_00238	07/23/25		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,1-Dichloropropene	5000 ug/mL
							1,2,3-Trichlorobenzene	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-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-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
							Ethylene Dibromide	5000 ug/mL
							Hexachlorobutadiene	5000 ug/mL
							Isopropylbenzene	5000 ug/mL
							m-Xylene & p-Xylene	10000 ug/mL
							Methylene Chloride	5000 ug/mL
							n-Butylbenzene	5000 ug/mL
							N-Propylbenzene	5000 ug/mL
							Naphthalene	5000 ug/mL
							o-Xylene	5000 ug/mL
							sec-Butylbenzene	5000 ug/mL
							Styrene	5000 ug/mL
							tert-Butylbenzene	5000 ug/mL
							Tetrachloroethene	5000 ug/mL
							Toluene	5000 ug/mL
							trans-1,2-Dichloroethene	5000 ug/mL
							trans-1,3-Dichloropropene	5000 ug/mL
							Trichloroethene	5000 ug/mL
.MSV_MegaMix#2_00242	07/23/25		Restek, Lot A0212010		(Purchased Reagent)		1,1,2-Trichloro-1,2,2-trifluoroethane	5000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							1,2,3-Trimethylbenzene	5000 ug/mL
							1,3,5-Trichlorobenzene	5000 ug/mL
							1,3-Diethylbenzene	5000 ug/mL
							1,4-Dioxane	62500 ug/mL
							1-Chlorohexane	5000 ug/mL
							2-Chloro-1,3-butadiene	5000 ug/mL
							2-ethoxy-2-methyl butane	5000 ug/mL
							2-Methyl-2-propanol	25000 ug/mL
							2-Methylnaphthalene	5000 ug/mL
							2-Nitropropane	25000 ug/mL
							3-Chloro-1-propene	5000 ug/mL
							Acrylonitrile	12500 ug/mL
							Benzyl chloride	5000 ug/mL
							Carbon disulfide	5000 ug/mL
							Cyclohexane	5000 ug/mL
							Ethyl methacrylate	5000 ug/mL
							Hexane	5000 ug/mL
							Iodomethane	5000 ug/mL
							Isobutyl alcohol	62500 ug/mL
							Isopropyl alcohol	25000 ug/mL
							Isopropyl ether	5000 ug/mL
							Methacrylonitrile	12500 ug/mL
							Methyl acetate	5000 ug/mL
							Methyl methacrylate	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
							Methylcyclohexane	5000 ug/mL
							n-Butanol	62500 ug/mL
							n-Heptane	5000 ug/mL
							o-diethylbenzene	5000 ug/mL
							p-Diethylbenzene	5000 ug/mL
							Pentane	5000 ug/mL
							Propionitrile	25000 ug/mL
							Tert-amyl methyl ether	5000 ug/mL
							Tert-butyl ethyl ether	5000 ug/mL
							Tetrahydrofuran	25000 ug/mL
							trans-1,4-Dichloro-2-butene	12500 ug/mL
MSV_CCV_VOC#1_00243	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_MegaMIX#1_00240	1 mL	1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-Dichloroethane	1000 ug/mL
							1,2-Dichloropropane	1000 ug/mL
							Benzene	1000 ug/mL
							Bromochloromethane	1000 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Bromodichloromethane	1000 ug/mL
							Bromoform	1000 ug/mL
							Carbon tetrachloride	1000 ug/mL
							Chlorobenzene	1000 ug/mL
							Chloroform	1000 ug/mL
							cis-1,2-Dichloroethene	1000 ug/mL
							cis-1,3-Dichloropropene	1000 ug/mL
							Dibromochloromethane	1000 ug/mL
							Ethylbenzene	1000 ug/mL
							Ethylene Dibromide	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
					MSV_MegaMix#2_00249	1 mL	Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_MegaMIX#1_00240	08/06/25		Restek, Lot A0211483		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	5000 ug/mL
							1,1,1-Trichloroethane	5000 ug/mL
							1,1,2,2-Tetrachloroethane	5000 ug/mL
							1,1,2-Trichloroethane	5000 ug/mL
							1,1-Dichloroethane	5000 ug/mL
							1,1-Dichloroethene	5000 ug/mL
							1,2-Dichloroethane	5000 ug/mL
							1,2-Dichloropropane	5000 ug/mL
							Benzene	5000 ug/mL
							Bromochloromethane	5000 ug/mL
							Bromodichloromethane	5000 ug/mL
							Bromoform	5000 ug/mL
							Carbon tetrachloride	5000 ug/mL
							Chlorobenzene	5000 ug/mL
							Chloroform	5000 ug/mL
							cis-1,2-Dichloroethene	5000 ug/mL
							cis-1,3-Dichloropropene	5000 ug/mL
							Dibromochloromethane	5000 ug/mL
							Ethylbenzene	5000 ug/mL
							Ethylene Dibromide	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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
.MSV_MegaMix#2_00249	08/06/25		Restek, Lot A0226118		(Purchased Reagent)		Carbon disulfide	5000 ug/mL
							Methyl tert-butyl ether	5000 ug/mL
MSV_CCV_VOC#3_00242	07/23/25	06/23/25	Methanol, Lot EH471	5 mL	MSV_CCV_ACR_00028	0.5 mL	Acrolein	12198.5 ug/mL
					MSV_V_Ketones_00236	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_CCV_ACR_00028	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_VACR_STK_00048	9.042 mL	Acrolein	121985 ug/mL
..MSV_VACR_STK_00048	08/18/25	06/19/25	Methanol, Lot EH471	10 mL	MSV_ACROLEIN_00041	1.4522 g	Acrolein	134909 ug/mL
...MSV_ACROLEIN_00041	08/31/25		Chem Service, Lot 15807600		(Purchased Reagent)		Acrolein	0.929 g/g
.MSV_V_Ketones_00236	04/30/27		Restek, Lot A0210935		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_CCV_VOC#3_00245	08/06/25	07/07/25	Methanol, Lot EH471	5 mL	MSV_V_Ketones_00175	1 mL	2-Butanone (MEK)	2500 ug/mL
							2-Hexanone	2500 ug/mL
							4-Methyl-2-pentanone (MIBK)	2500 ug/mL
							Acetone	2500 ug/mL
.MSV_V_Ketones_00175	01/31/26		Restek, Lot A0193494		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL
MSV_HP20_ISSS_00151	07/16/25	01/16/25	Methanol, Lot EH822	10 mL	MSV_8260_SS_01344	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
					MSV_Cus826_IS_00668	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5 (IS)	250 ug/mL
							Fluorobenzene (IS)	250 ug/mL
							t-Butyl alcohol-d10 (IS)	1250 ug/mL
.MSV_8260_SS_01344	07/31/29		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_00668	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_HP20_ISSS_00160	11/28/25	05/28/25	Methanol, Lot EH822	10 mL	MSV_Cus826_IS_00728	1 mL	1,4-Dichlorobenzene-d4	250 ug/mL
							Chlorobenzene-d5 (IS)	250 ug/mL
							Fluorobenzene (IS)	250 ug/mL
							t-Butyl alcohol-d10 (IS)	1250 ug/mL
.MSV_Cus826_IS_00728	10/31/26		Restek, Lot A0203141		(Purchased Reagent)		1,4-Dichlorobenzene-d4	2500 ug/mL
							Chlorobenzene-d5 (IS)	2500 ug/mL
							Fluorobenzene (IS)	2500 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							t-Butyl alcohol-d10 (IS)	12500 ug/mL
MSV_HP20_ISSS_00160	11/28/25	05/28/25	Methanol, Lot EH822	10 mL	MSV_8260_SS_01460	1 mL	1,2-Dichloroethane-d4 (Surr)	250 ug/mL
							4-Bromofluorobenzene (Surr)	250 ug/mL
							Dibromofluoromethane (Surr)	250 ug/mL
							Toluene-d8 (Surr)	250 ug/mL
.MSV_8260_SS_01460	10/31/29		Restek, Lot A0217887		(Purchased Reagent)		1,2-Dichloroethane-d4 (Surr)	2500 ug/mL
							4-Bromofluorobenzene (Surr)	2500 ug/mL
							Dibromofluoromethane (Surr)	2500 ug/mL
							Toluene-d8 (Surr)	2500 ug/mL
MSV_LCS_Gases_00256	06/30/25	06/23/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00309	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00309	06/30/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_Gases_00258	07/14/25	07/07/25	Methanol, Lot EH471	25 mL	MSV_QC_2K_GAS_00310	0.5 mL	Bromomethane	40 ug/mL
							Chloroethane	40 ug/mL
							Chloromethane	40 ug/mL
							Vinyl chloride	40 ug/mL
.MSV_QC_2K_GAS_00310	07/14/25		Restek, Lot A0211460		(Purchased Reagent)		Bromomethane	2000 ug/mL
							Chloroethane	2000 ug/mL
							Chloromethane	2000 ug/mL
							Vinyl chloride	2000 ug/mL
MSV_LCS_VOC#1_00225	07/23/25	06/23/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00274	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-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
							Ethylene Dibromide	40 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
							trans-1,3-Dichloropropene	40 ug/mL
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00274	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00276	1 mL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00274	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-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
							Ethylene Dibromide	1000 ug/mL
							Methylene Chloride	1000 ug/mL
							Styrene	1000 ug/mL
							Tetrachloroethene	1000 ug/mL
							Toluene	1000 ug/mL
							trans-1,2-Dichloroethene	1000 ug/mL
							trans-1,3-Dichloropropene	1000 ug/mL
							Trichloroethene	1000 ug/mL
.MSV_M_MIX2SEC_00274	05/31/28		Restek, Lot A0225702		(Purchased Reagent)		Carbon disulfide	1000 ug/mL
							Methyl tert-butyl ether	1000 ug/mL
.MSV_Q_Ketones_00276	04/30/27		Restek, Lot A0209876		(Purchased Reagent)		2-Butanone (MEK)	12500 ug/mL
							2-Hexanone	12500 ug/mL
							4-Methyl-2-pentanone (MIBK)	12500 ug/mL
							Acetone	12500 ug/mL

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Reagent ID	Exp Date	Prep Date	Dilutant Used	Reagent Final Volume	Parent Reagent		Analyte	Concentration
					Reagent ID	Volume Added		
MSV_LCS_VOC#1_00227	08/06/25	07/07/25	Methanol, Lot EH471	25 mL	MSV_M_MIX1SEC_00273	1 mL	1,1,1,2-Tetrachloroethane	40 ug/mL
							1,1,1-Trichloroethane	40 ug/mL
							1,1,2,2-Tetrachloroethane	40 ug/mL
							1,1,2-Trichloroethane	40 ug/mL
							1,1-Dichloroethane	40 ug/mL
							1,1-Dichloroethene	40 ug/mL
							1,2-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
							Ethylene Dibromide	40 ug/mL
							Methylene Chloride	40 ug/mL
							Styrene	40 ug/mL
							Tetrachloroethene	40 ug/mL
							Toluene	40 ug/mL
							trans-1,2-Dichloroethene	40 ug/mL
							trans-1,3-Dichloropropene	40 ug/mL
							Trichloroethene	40 ug/mL
					MSV_M_MIX2SEC_00280	1 mL	Carbon disulfide	40 ug/mL
							Methyl tert-butyl ether	40 ug/mL
					MSV_Q_Ketones_00285	1 mL	2-Butanone (MEK)	500 ug/mL
							2-Hexanone	500 ug/mL
							4-Methyl-2-pentanone (MIBK)	500 ug/mL
							Acetone	500 ug/mL
.MSV_M_MIX1SEC_00273	12/31/27		Restek, Lot A0225025		(Purchased Reagent)		1,1,1,2-Tetrachloroethane	1000 ug/mL
							1,1,1-Trichloroethane	1000 ug/mL
							1,1,2,2-Tetrachloroethane	1000 ug/mL
							1,1,2-Trichloroethane	1000 ug/mL
							1,1-Dichloroethane	1000 ug/mL
							1,1-Dichloroethene	1000 ug/mL
							1,2-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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

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

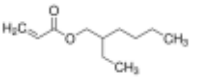
Reagent

MSV_2Eth6Acry_00001

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

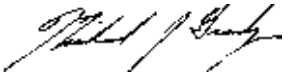
Certificate of Analysis

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



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

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



Michael Grady, Manager
Quality Control
Milwaukee, WI US

Reagent

MSV_8260_SS_01460

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : 8260A Surrogate Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

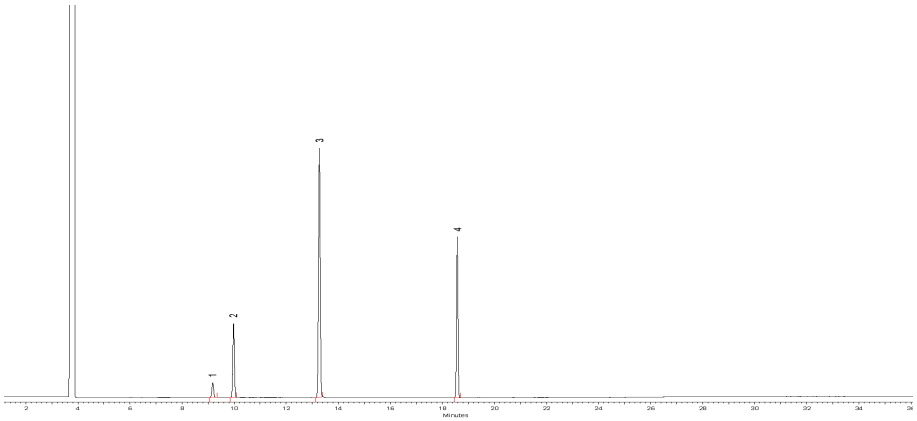
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Richard Zimmerman - Operations Tech I

Date Mixed: 15-Oct-2024 **Balance Serial #** B251644995

John Lidgett - AD Chemist

Date Passed: 23-Oct-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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_00668

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FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom 8260A IS Mix

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

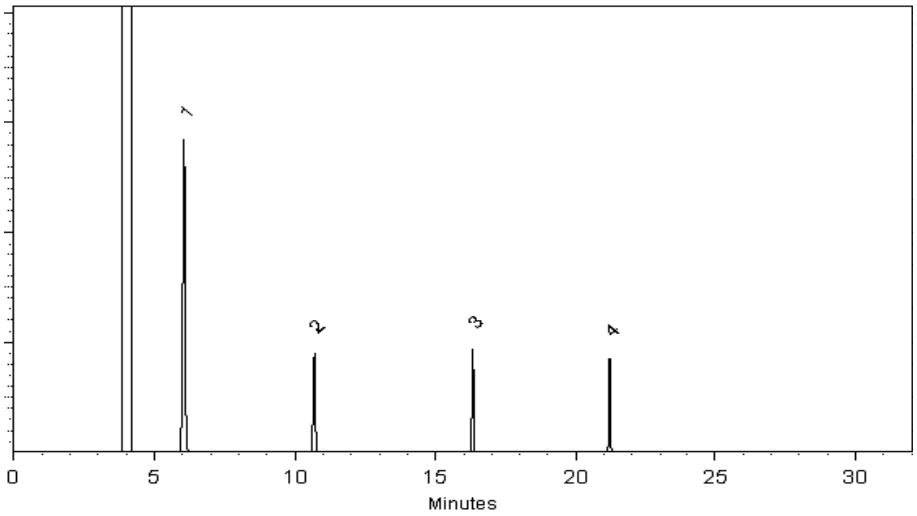
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
1µl



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

Laith Clemente - Operations Technician I

Date Mixed: 13-Oct-2023 **Balance Serial #** B707717271

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 18-Oct-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

  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_00728

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ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 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.)

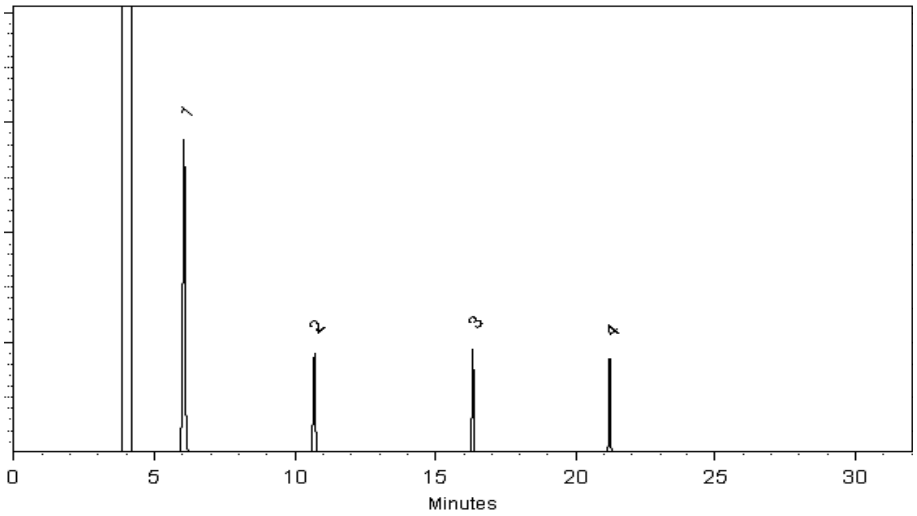
Inj. Temp:
200°C

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_00309

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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.

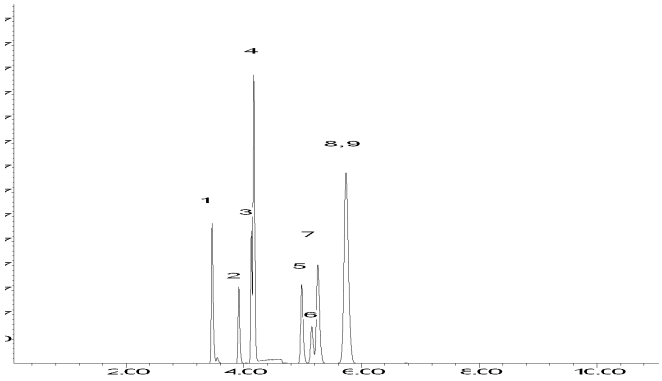
Inj. Temp:
200°C

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.

Reagent

MSV_QC_2K_GAS_00310

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Certificate #3222.02

Certificate of Analysis

chromatographic plus

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

Description : Custom Gases.SEC Standard

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

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

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

Ship: Ambient

CERTIFIED VALUES

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

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

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

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

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

Quality Confirmation Test

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

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

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

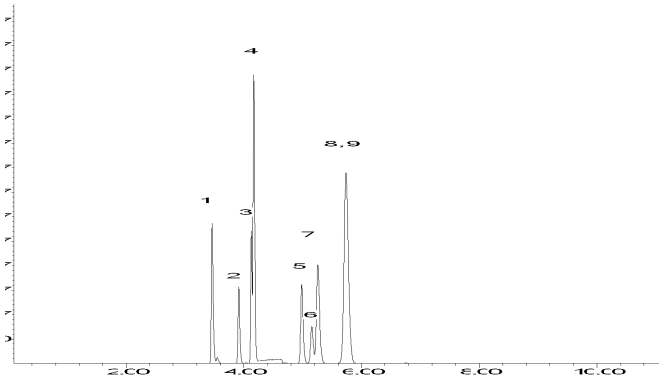
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
MSD

Split Vent:
Split ratio 10:1

Inj. Vol
1µl



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

Matt Fragassi - Mix Technician

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

Jennifer Pollino - Operations Tech III - ARM QC

Date Passed: 22-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

Manufacturing Notes:

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Handling Notes:

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

Reagent

MSV_V_Ketones_00175

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Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

Catalog No. : 569721 **Lot No.:** A0193494

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

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

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

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

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBP8774	99%	12,581.8 µg/mL	+/- 434.7671
2	2-Butanone (MEK)	78-93-3	SHBL5543	99%	12,578.5 µg/mL	+/- 434.6548
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP4724	99%	12,602.3 µg/mL	+/- 435.4755
4	2-Hexanone	591-78-6	MKCQ6663	99%	12,587.5 µg/mL	+/- 434.9658

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

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

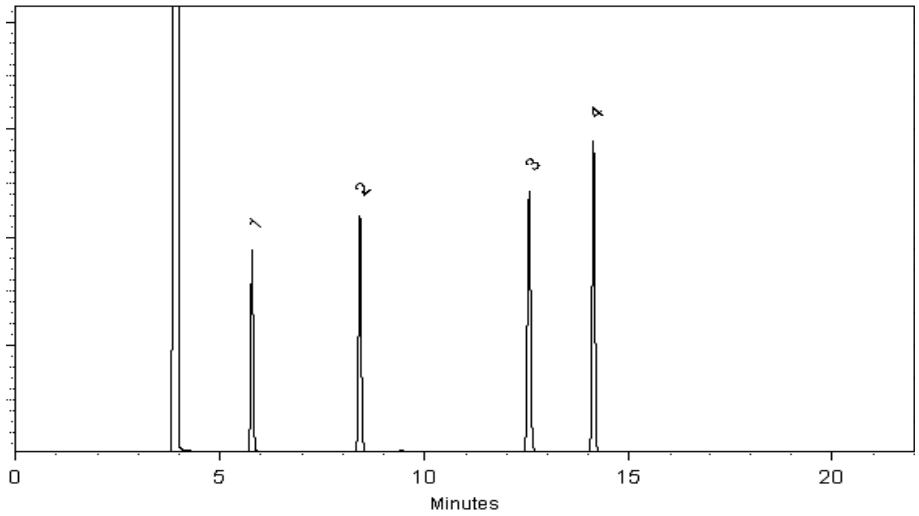
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



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

Bethany Lowery - Operations Tech I

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

Christie Mills - Operations Tech II - ARM QC

Date Passed: 16-Jan-2023

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

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

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

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

Manufacturing Notes:

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

Handling Notes:

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

Reagent

MSV_V_Ketones_00236

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

www.restek.com

CERTIFIED REFERENCE MATERIAL

Certificate of Analysis

chromatographic plus

ACCREDITED
ISO 17034 Accredited
Reference Material Producer
Certificate #3222.01

ACCREDITED
ISO/IEC 17025 Accredited
Testing Laboratory
Certificate #3222.02

FOR LABORATORY USE ONLY-READ SDS PRIOR TO USE.

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

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

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

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

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

Expiration Date : April 30, 2027 **Storage:** 0°C or colder

Ship: Ambient

CERTIFIED VALUES

Elution Order	Compound	CAS #	Lot #	Purity	Grav. Conc. (weight/volume)	Expanded Uncertainty * (95% C.L.; K=2)
1	Acetone	67-64-1	SHBQ8504	99%	12,591.3 µg/mL	+/- 435.1857
2	2-Butanone (MEK)	78-93-3	SHBQ4704	99%	12,561.0 µg/mL	+/- 434.1373
3	4-Methyl-2-pentanone (MIBK)	108-10-1	SHBP9200	99%	12,580.0 µg/mL	+/- 434.7940
4	2-Hexanone	591-78-6	MKCV1997	99%	12,580.7 µg/mL	+/- 434.8170

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

Solvent: P&T Methanol/Water (90:10)
CAS # 67-56-1/7732-18-5
Purity 99%

Quality Confirmation Test

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

Carrier Gas:
hydrogen-constant pressure 11.0 psi.

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

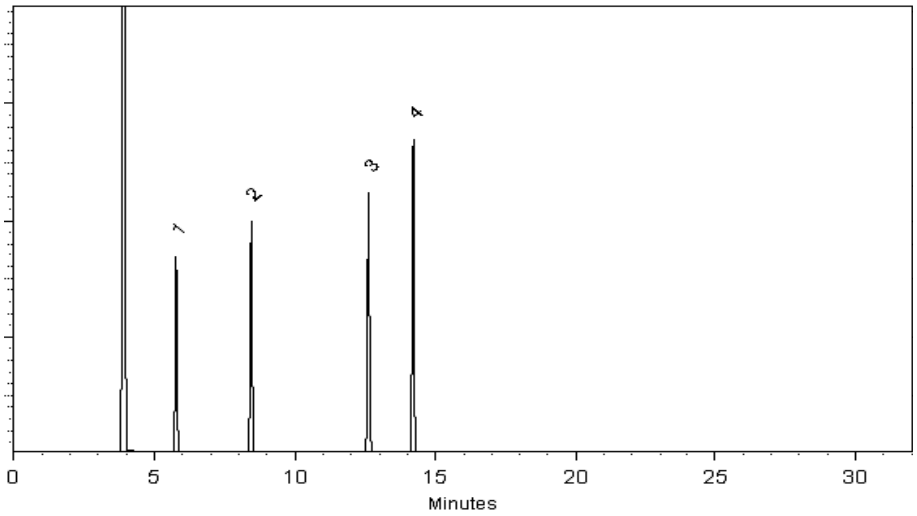
Inj. Temp:
200°C

Det. Temp:
250°C

Det. Type:
FID

Split Vent:
40 ml/min

Inj. Vol
0.2µl



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

Stacey Wanner - Operations Technician I

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

Dillan Murphy - Operations Technician I

Date Passed: 02-May-2024

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

General Certified Reference Material Notes

Expiration Notes:

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

Purity Notes:

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

Certified Uncertainty Value Notes:

- 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.: 410-229235-1

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-CW-21 - 0/1-0	410-229235-1	105	103	102	99
HD-CW-22 - 0/1-0	410-229235-2	106	105	104	99
HD-CW-23 - 0/1-0	410-229235-3	107	103	102	97
HD-SPBA-EFF - 0/1-0	410-229235-4	106	100	101	97
Trip Blank	410-229235-5	106	102	102	99
	MB 410-667897/7	105	104	104	101
	LCS 410-667897/4	104	101	104	101
	LCSD 410-667897/5	105	105	104	95

	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.: 410-229235-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YL07X37.D

Lab ID: LCS 410-667897/4 Client ID:

COMPOUND	SPIKE ADDED (ug/L)	LCS CONCENTRATION (ug/L)	LCS % REC	QC LIMITS REC	#
1,1,1,2-Tetrachloroethane	20.0	20.8	104	79-120	
1,1,1-Trichloroethane	20.0	19.7	99	73-120	
1,1,2,2-Tetrachloroethane	20.0	19.8	99	72-120	
1,1,2-Trichloroethane	20.0	20.5	103	80-120	
1,1-Dichloroethane	20.0	20.9	104	80-120	
1,1-Dichloroethene	20.0	20.3	101	80-131	
Ethylene Dibromide	20.0	20.2	101	77-120	
1,2-Dichloroethane	20.0	19.5	97	73-124	
1,2-Dichloropropane	20.0	19.5	97	80-120	
2-Butanone (MEK)	250	250	100	59-135	
2-Hexanone	250	260	104	56-135	
4-Methyl-2-pentanone (MIBK)	250	258	103	62-133	
Acetone	250	256	102	57-143	
Benzene	20.0	19.5	98	80-120	
Bromochloromethane	20.0	21.1	106	80-120	
Bromodichloromethane	20.0	19.4	97	71-120	
Bromoform	20.0	20.0	100	51-120	
Bromomethane	20.0	18.1	91	53-128	
Carbon disulfide	20.0	18.0	90	65-128	
Carbon tetrachloride	20.0	19.8	99	64-134	
Chlorobenzene	20.0	19.6	98	80-120	
Chloroethane	20.0	17.5	88	55-123	
Chloroform	20.0	20.4	102	80-120	
Chloromethane	20.0	18.7	94	39-134	
cis-1,2-Dichloroethene	20.0	20.3	102	80-125	
cis-1,3-Dichloropropene	20.0	17.4	87	75-120	
Dibromochloromethane	20.0	20.4	102	71-120	
Ethylbenzene	20.0	19.5	98	80-120	
Methyl tert-butyl ether	20.0	19.1	95	69-122	
Methylene Chloride	20.0	20.9	104	80-120	
Styrene	20.0	19.8	99	80-120	
Tetrachloroethene	20.0	20.2	101	80-120	
Toluene	20.0	20.3	101	80-120	
trans-1,2-Dichloroethene	20.0	20.4	102	80-126	
trans-1,3-Dichloropropene	20.0	18.3	91	67-120	
Trichloroethene	20.0	19.0	95	80-120	
Vinyl chloride	20.0	18.4	92	56-120	
Xylenes, Total	60.0	59.3	99	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.: 410-229235-1

SDG No.:

Matrix: Water Level: Low Lab File ID: YL07X38.D

Lab ID: LCSD 410-667897/5 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	20.6	103	1	30	79-120	
1,1,1-Trichloroethane	20.0	20.0	100	1	30	73-120	
1,1,2,2-Tetrachloroethane	20.0	20.1	100	2	30	72-120	
1,1,2-Trichloroethane	20.0	20.5	103	0	30	80-120	
1,1-Dichloroethane	20.0	20.4	102	2	30	80-120	
1,1-Dichloroethene	20.0	20.6	103	2	30	80-131	
Ethylene Dibromide	20.0	19.9	100	2	30	77-120	
1,2-Dichloroethane	20.0	20.2	101	3	30	73-124	
1,2-Dichloropropane	20.0	19.1	95	2	30	80-120	
2-Butanone (MEK)	250	250	100	0	30	59-135	
2-Hexanone	250	261	104	1	30	56-135	
4-Methyl-2-pentanone (MIBK)	250	257	103	0	30	62-133	
Acetone	250	280	112	9	30	57-143	
Benzene	20.0	19.8	99	1	30	80-120	
Bromochloromethane	20.0	21.6	108	2	30	80-120	
Bromodichloromethane	20.0	19.6	98	1	30	71-120	
Bromoform	20.0	20.0	100	0	30	51-120	
Bromomethane	20.0	18.3	91	1	30	53-128	
Carbon disulfide	20.0	17.4	87	3	30	65-128	
Carbon tetrachloride	20.0	19.9	99	0	30	64-134	
Chlorobenzene	20.0	20.1	100	2	30	80-120	
Chloroethane	20.0	17.7	88	1	30	55-123	
Chloroform	20.0	20.6	103	1	30	80-120	
Chloromethane	20.0	18.8	94	1	30	39-134	
cis-1,2-Dichloroethene	20.0	20.4	102	0	30	80-125	
cis-1,3-Dichloropropene	20.0	17.3	87	0	30	75-120	
Dibromochloromethane	20.0	20.1	100	1	30	71-120	
Ethylbenzene	20.0	19.6	98	1	30	80-120	
Methyl tert-butyl ether	20.0	18.8	94	1	30	69-122	
Methylene Chloride	20.0	21.1	106	1	30	80-120	
Styrene	20.0	19.7	98	1	30	80-120	
Tetrachloroethene	20.0	20.6	103	2	30	80-120	
Toluene	20.0	20.4	102	0	30	80-120	
trans-1,2-Dichloroethene	20.0	20.5	103	0	30	80-126	
trans-1,3-Dichloropropene	20.0	18.0	90	1	30	67-120	
Trichloroethene	20.0	19.1	95	0	30	80-120	
Vinyl chloride	20.0	18.1	91	2	30	56-120	
Xylenes, Total	60.0	59.5	99	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.: 410-229235-1

SDG No.:

Lab File ID: YL07X40.D Lab Sample ID: MB 410-667897/7

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

Instrument ID: 9355 Date Analyzed: 07/07/2025 23:47

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 410-667897/4	YL07X37.D	07/07/2025 22:39
	LCSD 410-667897/5	YL07X38.D	07/07/2025 23:02
Trip Blank	410-229235-5	YL07X41.D	07/08/2025 00:44
HD-CW-21 - 0/1-0	410-229235-1	YL07X42.D	07/08/2025 01:06
HD-CW-22 - 0/1-0	410-229235-2	YL07X43.D	07/08/2025 01:29
HD-CW-23 - 0/1-0	410-229235-3	YL07X44.D	07/08/2025 01:51
HD-SPBA-EFF - 0/1-0	410-229235-4	YL07X45.D	07/08/2025 02:13

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab File ID: YU27T01.D BFB Injection Date: 06/27/2025

Instrument ID: 9355 BFB Injection Time: 16:09

Analysis Batch No.: 664115

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.7	
75	30.0 - 60.0 % of mass 95	45.3	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	79.5	
175	5.0 - 9.0 % of mass 174	6.4	(8.1) 1
176	95.0 - 101.0 % of mass 174	77.4	(97.3) 1
177	5.0 - 9.0 % of mass 176	5.1	(6.7) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 410-664115/18	YU27X12.D	06/27/2025	16:57
	IC 410-664115/17	YU27X13.D	06/27/2025	17:20
	ICIS 410-664115/16	YU27X14.D	06/27/2025	17:42
	IC 410-664115/15	YU27X15.D	06/27/2025	18:05
	IC 410-664115/14	YU27X16.D	06/27/2025	18:27
	IC 410-664115/13	YU27X17.D	06/27/2025	18:50
	IC 410-664115/12	YU27X18.D	06/27/2025	19:12

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab File ID: YU27T31.D BFB Injection Date: 06/27/2025

Instrument ID: 9355 BFB Injection Time: 21:19

Analysis Batch No.: 664281

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.6	
75	30.0 - 60.0 % of mass 95	46.5	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	80.2	
175	5.0 - 9.0 % of mass 174	6.1	(7.6) 1
176	95.0 - 101.0 % of mass 174	76.6	(95.6) 1
177	5.0 - 9.0 % of mass 176	5.2	(6.8) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	ICV 410-664281/1005	-YU27X34-ICV.d	06/27/2025	22:46

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab File ID: YL07T35.D BFB Injection Date: 07/07/2025

Instrument ID: 9355 BFB Injection Time: 21:37

Analysis Batch No.: 667897

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	16.9	
75	30.0 - 60.0 % of mass 95	48.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.8	
173	Less than 2.0 % of mass 174	0.0	(0.0) 1
174	Greater than 50% of mass 95	80.0	
175	5.0 - 9.0 % of mass 174	6.4	(8.0) 1
176	95.0 - 101.0 % of mass 174	79.3	(99.1) 1
177	5.0 - 9.0 % of mass 176	5.3	(6.6) 2

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

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

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 410-667897/3	YL07X36.D	07/07/2025	22:17
	LCS 410-667897/4	YL07X37.D	07/07/2025	22:39
	LCSD 410-667897/5	YL07X38.D	07/07/2025	23:02
	MB 410-667897/7	YL07X40.D	07/07/2025	23:47
Trip Blank	410-229235-5	YL07X41.D	07/08/2025	0:44
HD-CW-21 - 0/1-0	410-229235-1	YL07X42.D	07/08/2025	1:06
HD-CW-22 - 0/1-0	410-229235-2	YL07X43.D	07/08/2025	1:29
HD-CW-23 - 0/1-0	410-229235-3	YL07X44.D	07/08/2025	1:51
HD-SPBA-EFF - 0/1-0	410-229235-4	YL07X45.D	07/08/2025	2:13

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Sample No.: ICIS 410-664115/16 Date Analyzed: 06/27/2025 17:42

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): YU27X14.D Heated Purge: (Y/N) N

Calibration ID: 74168

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		588645	3.82	1189958	7.34	912989	10.93
UPPER LIMIT		1177290	4.32	2379916	7.84	1825978	11.43
LOWER LIMIT		294323	3.32	594979	6.84	456495	10.43
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-664281/1005		567004	3.81	1127098	7.34	839955	10.93
CCVIS 410-667897/3		478784	3.80	1048401	7.34	773050	10.94

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.: 410-229235-1

SDG No.:

Sample No.: ICIS 410-664115/16 Date Analyzed: 06/27/2025 17:42

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): YU27X14.D Heated Purge: (Y/N) N

Calibration ID: 74168

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
INITIAL CALIBRATION MID-POINT		528069	12.86				
UPPER LIMIT		1056138	13.36				
LOWER LIMIT		264035	12.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 410-664281/1005		492417	12.86				
CCVIS 410-667897/3		472656	12.86				

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.: 410-229235-1

SDG No.:

Sample No.: CCVIS 410-667897/3 Date Analyzed: 07/07/2025 22:17

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): YL07X36.D Heated Purge: (Y/N) N

Calibration ID: 74168

		TBAd10		FB		CBZd5	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		478784	3.80	1048401	7.34	773050	10.94
UPPER LIMIT		957568	4.30	2096802	7.84	1546100	11.44
LOWER LIMIT		239392	3.30	524201	6.84	386525	10.44
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-667897/4		521194	3.81	1054107	7.34	773564	10.94
LCSD 410-667897/5		484368	3.81	1070283	7.34	776511	10.94
MB 410-667897/7		511680	3.81	1035852	7.34	725153	10.94
410-229235-5	Trip Blank	508959	3.82	1010488	7.34	730990	10.94
410-229235-1	HD-CW-21 - 0/1-0	503804	3.85	1018802	7.34	726354	10.94
410-229235-2	HD-CW-22 - 0/1-0	492698	3.81	993077	7.34	707152	10.94
410-229235-3	HD-CW-23 - 0/1-0	494150	3.82	1014551	7.34	730480	10.94
410-229235-4	HD-SPBA-EFF - 0/1-0	474899	3.80	976441	7.34	703119	10.94

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.: 410-229235-1

SDG No.:

Sample No.: CCVIS 410-667897/3 Date Analyzed: 07/07/2025 22:17

Instrument ID: 9355 GC Column: R-624SilMS 30m ID: 0.25(mm)

Lab File ID (Standard): YL07X36.D Heated Purge: (Y/N) N

Calibration ID: 74168

		DCBd4					
		AREA #	RT #	#	RT #	#	RT #
12/24 HOUR STD		472656	12.86				
UPPER LIMIT		945312	13.36				
LOWER LIMIT		236328	12.36				
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 410-667897/4		487234	12.86				
LCSD 410-667897/5		470407	12.86				
MB 410-667897/7		462060	12.86				
410-229235-5	Trip Blank	457243	12.86				
410-229235-1	HD-CW-21 - 0/1-0	465010	12.86				
410-229235-2	HD-CW-22 - 0/1-0	447448	12.86				
410-229235-3	HD-CW-23 - 0/1-0	457997	12.86				
410-229235-4	HD-SPBA-EFF - 0/1-0	448796	12.86				

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.: 410-229235-1

SDG No.:

Client Sample ID: HD-CW-21 - 0/1-0
Lab Sample ID: 410-229235-1

Matrix: Groundwater
Lab File ID: YL07X42.D

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

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 01:06

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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	Ethylene Dibromide	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.54	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	97		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-CW-21 - 0/1-0
Lab Sample ID: 410-229235-1

Matrix: Groundwater
Lab File ID: YL07X42.D

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

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 01:06

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.65	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)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X42.D
Lims ID: 410-229235-A-1
Client ID: HD-CW-21 - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 01:06:30 ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-010
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:03:09 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:08:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50		1.995				ND	
7 Vinyl chloride	62		2.095				ND	
10 Bromomethane	94		2.410				ND	
11 Chloroethane	64		2.460				ND	
19 1,1-Dichloroethene	96		3.218				ND	
20 Acetone	58		3.232				ND	
24 Carbon disulfide	76		3.511				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.854	3.804	0.050	32	503804	250.0	
29 Methylene Chloride	84		3.818				ND	
32 Methyl tert-butyl ether	73		4.190				ND	7
33 trans-1,2-Dichloroethene	96		4.212				ND	
37 1,1-Dichloroethane	63		4.855				ND	
42 2-Butanone (MEK)	43		5.670				ND	
43 cis-1,2-Dichloroethene	96		5.706				ND	
50 Chlorobromomethane	128		6.049				ND	
53 Chloroform	83	6.207	6.199	0.008	90	4668	0.5412	
$ 54 Dibromofluoromethane (Surr)	113	6.428	6.421	0.007	93	254292	52.5	
55 1,1,1-Trichloroethane	97		6.443				ND	
58 Carbon tetrachloride	117		6.671				ND	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	63334	51.5	
61 Benzene	78		6.922				ND	
62 1,2-Dichloroethane	62		7.000				ND	
* 65 Fluorobenzene (IS)	96	7.343	7.336	0.007	99	1018802	50.0	
69 Trichloroethene	95	7.851	7.837	0.014	90	3559	0.6515	
72 1,2-Dichloropropane	63		8.166				ND	
78 Dichlorobromomethane	83		8.523				ND	
81 cis-1,3-Dichloropropene	75		9.088				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.260				ND	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	999651	51.0	
95 Toluene	92		9.496				ND	
96 trans-1,3-Dichloropropene	75		9.767				ND	
113 1,1,2-Trichloroethane	97		9.982				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166	10.082	10.082	0.000	97	505721	96.7	
117 2-Hexanone	43		10.204				ND	
119 Chlorodibromomethane	129		10.375				ND	
120 Ethylene Dibromide	107		10.490				ND	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	85	726354	50.0	
132 Chlorobenzene	112		10.961				ND	
134 1,1,1,2-Tetrachloroethane	131		11.047				ND	
135 Ethylbenzene	91		11.054				ND	7
137 m-Xylene & p-Xylene	106		11.176				ND	
S 136 Xylenes, Total	106		11.245				ND	7
139 o-Xylene	106		11.512				ND	
140 Styrene	104		11.526				ND	
141 Bromoform	173		11.684				ND	
$ 145 4-Bromofluorobenzene (Surr)	95	11.970	11.963	0.008	91	371213	49.6	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	465010	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_HP20_ISSS_00160 Amount Added: 1.00 Units: uL Run Reagent

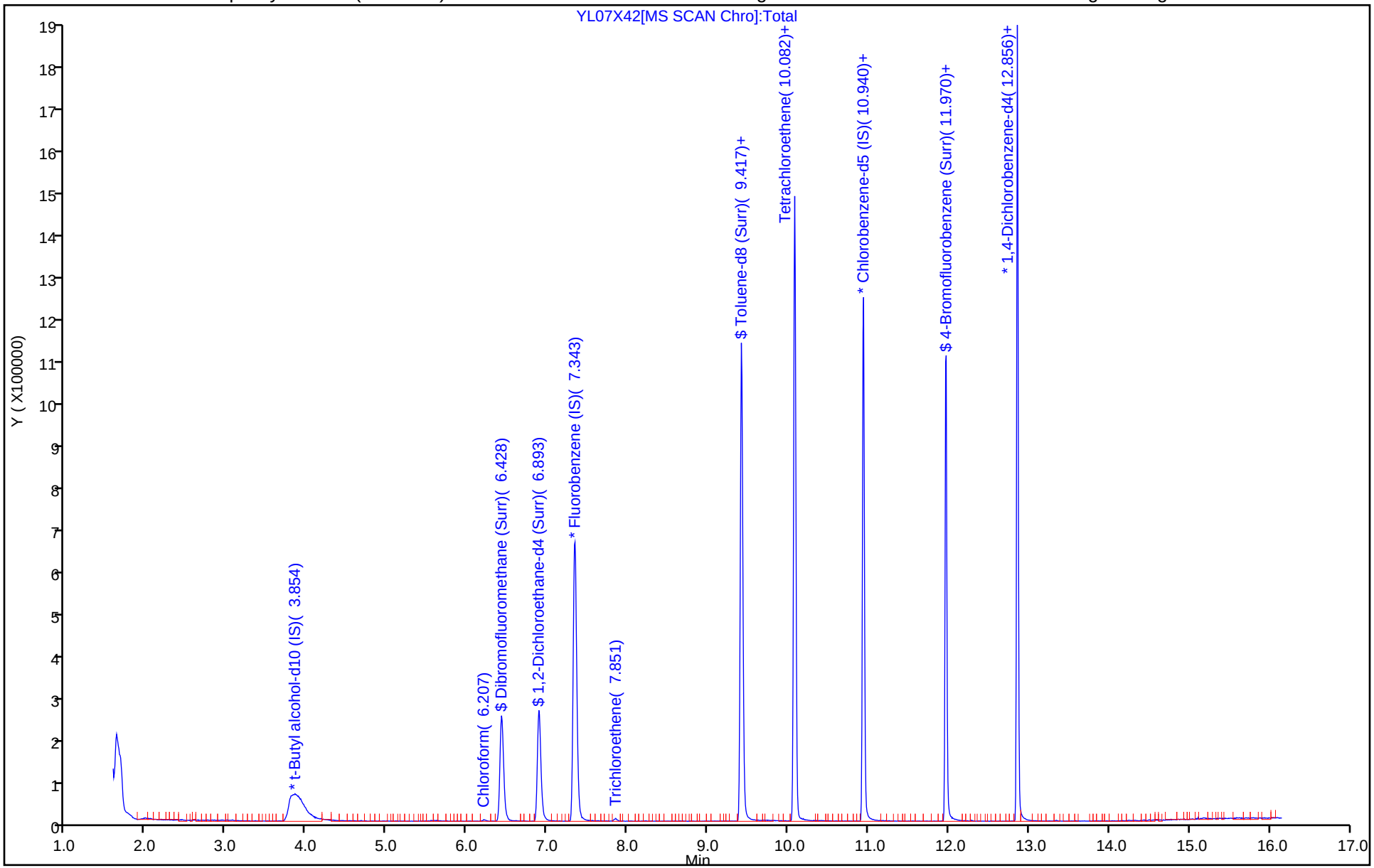
Report Date: 08-Jul-2025 15:08:42 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X42.D

Injection Date:	08-Jul-2025 01:06:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	410-229235-A-1	Lab Sample ID:	410-229235-1	Worklist Smp#:	10
Client ID:	HD-CW-21 - 0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	8
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X42.D
Lims ID: 410-229235-A-1
Client ID: HD-CW-21 - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 01:06:30 ALS Bottle#: 8 Worklist Smp#: 10
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-010
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:03:09 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

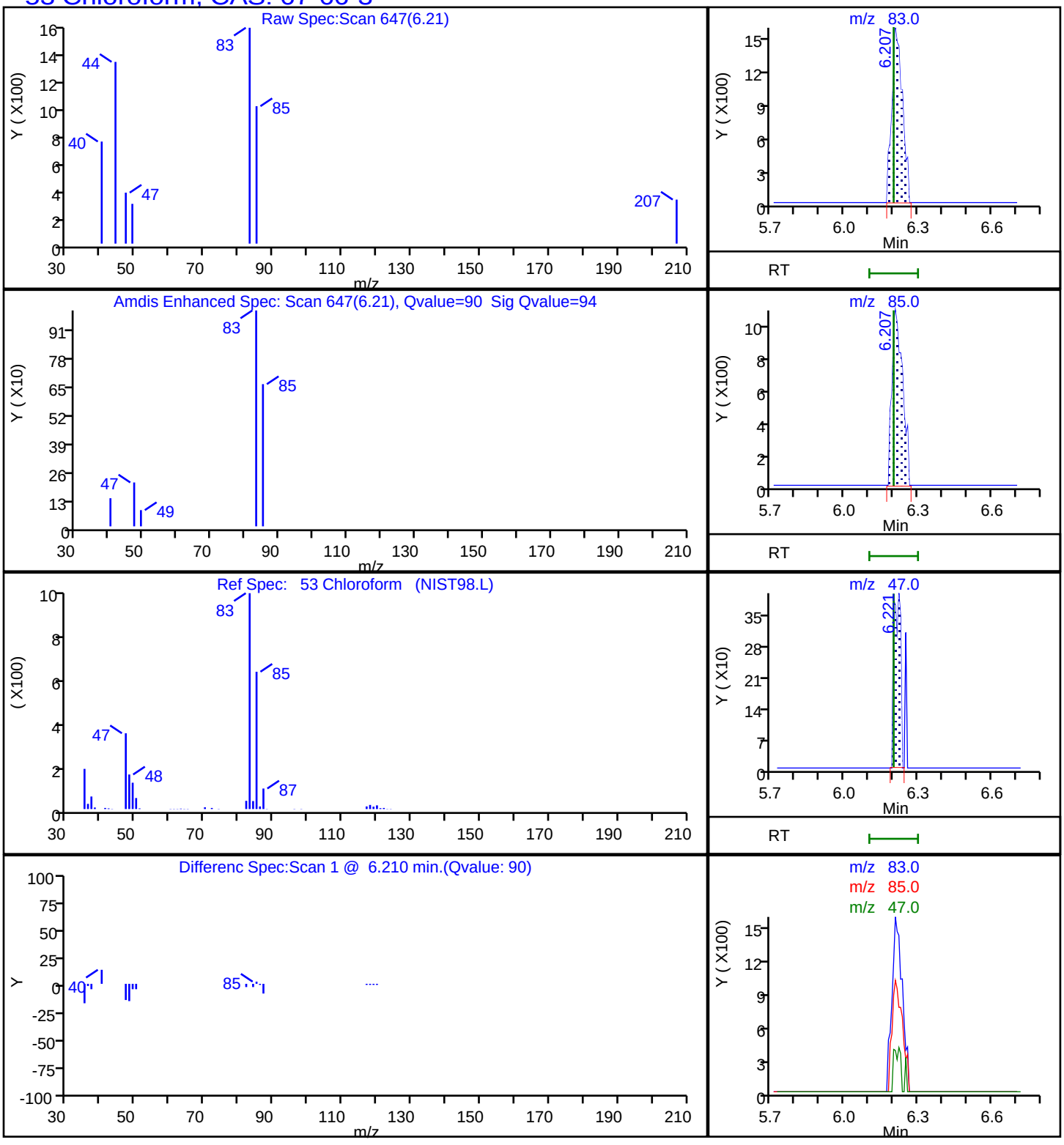
First Level Reviewer: N9NA Date: 08-Jul-2025 15:08:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	52.5	105.06
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.5	102.98
$ 83 Toluene-d8 (Surr)	50.0	51.0	102.09
$ 145 4-Bromofluorobenzene (Surr)	50.0	49.6	99.11

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X42.D				
Injection Date:	08-Jul-2025 01:06:30	Instrument ID:	9355		
Lims ID:	410-229235-A-1	Lab Sample ID:	410-229235-1		
Client ID:	HD-CW-21 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

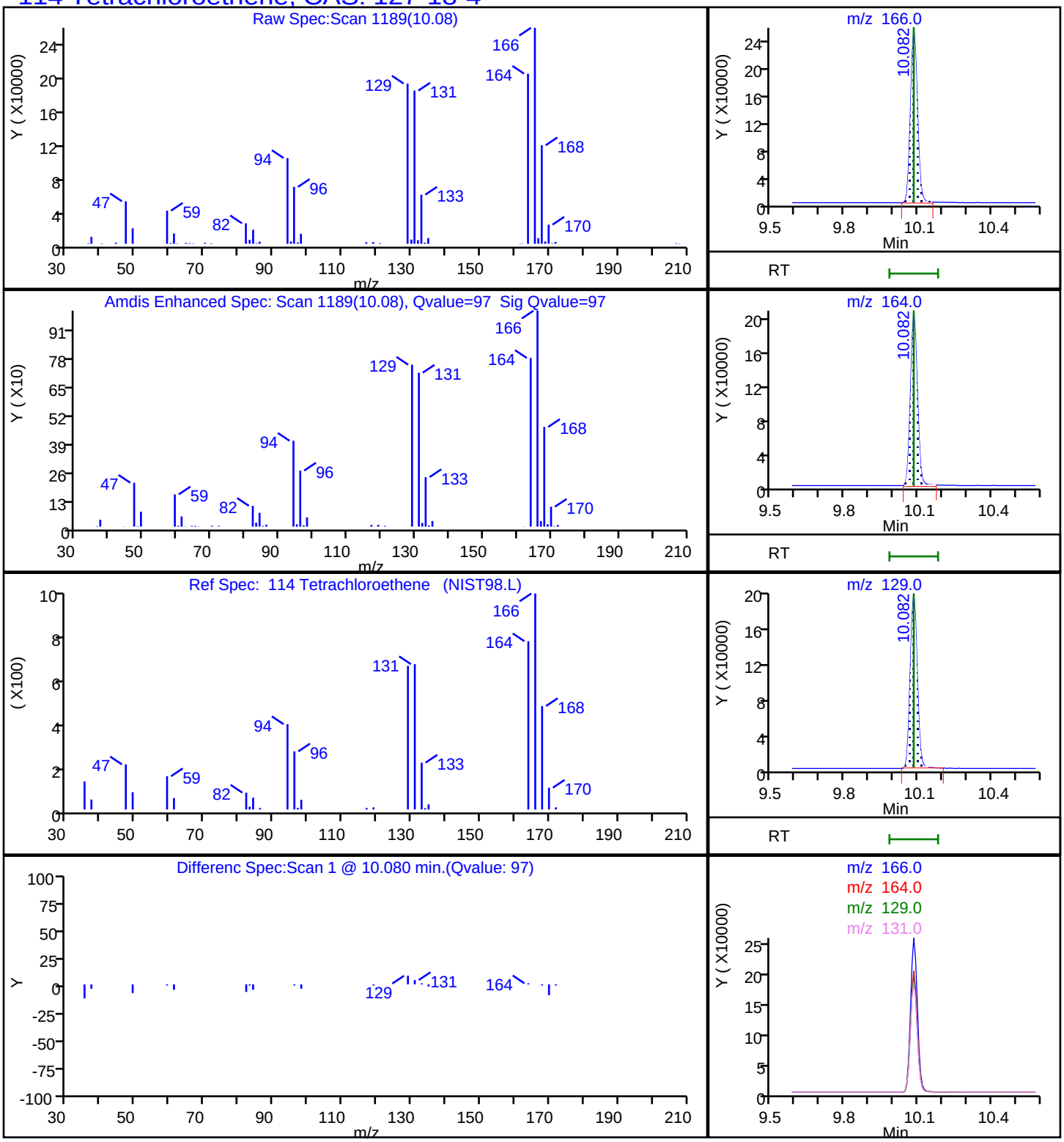
53 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X42.D				
Injection Date:	08-Jul-2025 01:06:30	Instrument ID:	9355		
Lims ID:	410-229235-A-1	Lab Sample ID:	410-229235-1		
Client ID:	HD-CW-21 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	8	Worklist Smp#:	10
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

114 Tetrachloroethene, CAS: 127-18-4



Report Date: 08-Jul-2025 15:08:42 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X42.D

Injection Date: 08-Jul-2025 01:06:30 Instrument ID: 9355

Lims ID: 410-229235-A-1 Lab Sample ID: 410-229235-1

Client ID: HD-CW-21 - 0/1-0

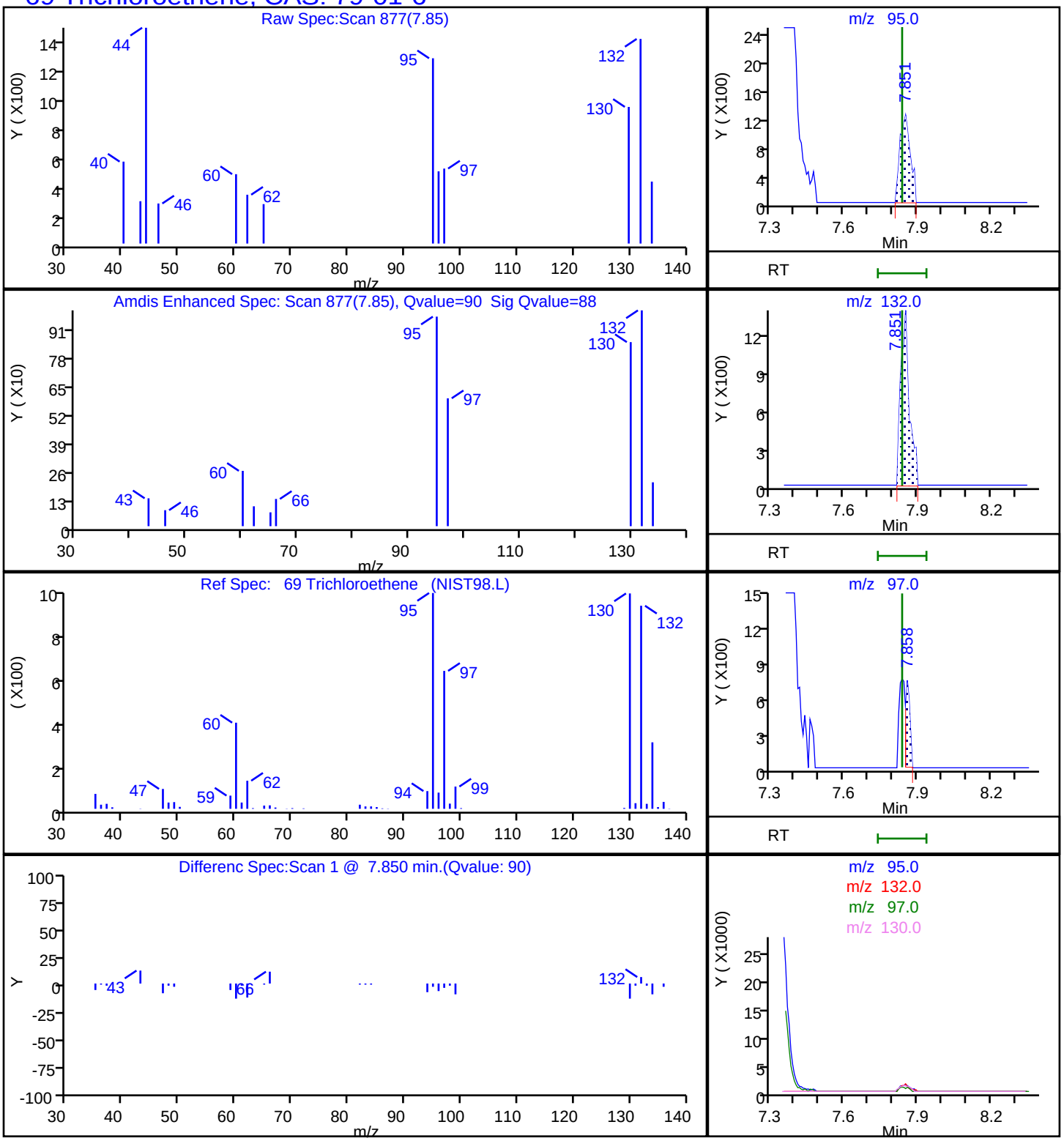
Operator ID: AGD105956 ALS Bottle#: 8 Worklist Smp#: 10

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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

69 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-CW-22 - 0/1-0
Lab Sample ID: 410-229235-2

Matrix: Groundwater
Lab File ID: YL07X43.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:12

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 01:29

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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	Ethylene Dibromide	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.72	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	53		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-CW-22 - 0/1-0
Lab Sample ID: 410-229235-2

Matrix: Groundwater
Lab File ID: YL07X43.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:12

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 01:29

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.82	J	1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X43.D
Lims ID: 410-229235-A-2
Client ID: HD-CW-22 - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 01:29:30 ALS Bottle#: 9 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-011
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:03:09 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:09:03

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	6 Chloromethane	50		1.995				ND	
	7 Vinyl chloride	62		2.095				ND	
	10 Bromomethane	94		2.410				ND	
	11 Chloroethane	64		2.460				ND	
	19 1,1-Dichloroethene	96		3.218				ND	
	20 Acetone	58		3.232				ND	
	24 Carbon disulfide	76		3.511				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.811	3.804	0.007	33	492698	250.0	
	29 Methylene Chloride	84		3.818				ND	
	32 Methyl tert-butyl ether	73		4.190				ND	7
	33 trans-1,2-Dichloroethene	96		4.212				ND	
	37 1,1-Dichloroethane	63		4.855				ND	
	42 2-Butanone (MEK)	43		5.670				ND	
	43 cis-1,2-Dichloroethene	96		5.706				ND	
	50 Chlorobromomethane	128		6.049				ND	
	53 Chloroform	83	6.207	6.199	0.008	89	6054	0.7201	
$	54 Dibromofluoromethane (Surr)	113	6.428	6.421	0.007	93	250924	53.2	
	55 1,1,1-Trichloroethane	97		6.443				ND	
	58 Carbon tetrachloride	117		6.671				ND	
$	60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	63012	52.6	
	61 Benzene	78		6.922				ND	
	62 1,2-Dichloroethane	62		7.000				ND	
*	65 Fluorobenzene (IS)	96	7.343	7.336	0.007	99	993077	50.0	
	69 Trichloroethene	95	7.844	7.837	0.007	94	4391	0.8247	
	72 1,2-Dichloropropane	63		8.166				ND	
	78 Dichlorobromomethane	83		8.523				ND	
	81 cis-1,3-Dichloropropene	75		9.088				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.260				ND	
$	83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	987812	51.8	
	95 Toluene	92		9.496				ND	
	96 trans-1,3-Dichloropropene	75		9.767				ND	
	113 1,1,2-Trichloroethane	97		9.982				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166	10.082	10.082	0.000	97	268001	52.6	
117 2-Hexanone	43		10.204				ND	
119 Chlorodibromomethane	129		10.375				ND	
120 Ethylene Dibromide	107		10.490				ND	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	86	707152	50.0	
132 Chlorobenzene	112		10.961				ND	
134 1,1,1,2-Tetrachloroethane	131		11.047				ND	
135 Ethylbenzene	91		11.054				ND	
137 m-Xylene & p-Xylene	106		11.176				ND	
S 136 Xylenes, Total	106		11.245				ND	7
139 o-Xylene	106		11.512				ND	
140 Styrene	104		11.526				ND	
141 Bromoform	173		11.684				ND	
$ 145 4-Bromofluorobenzene (Surr)	95	11.963	11.963	0.001	90	360878	49.5	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	447448	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_HP20_ISSS_00160 Amount Added: 1.00 Units: uL Run Reagent

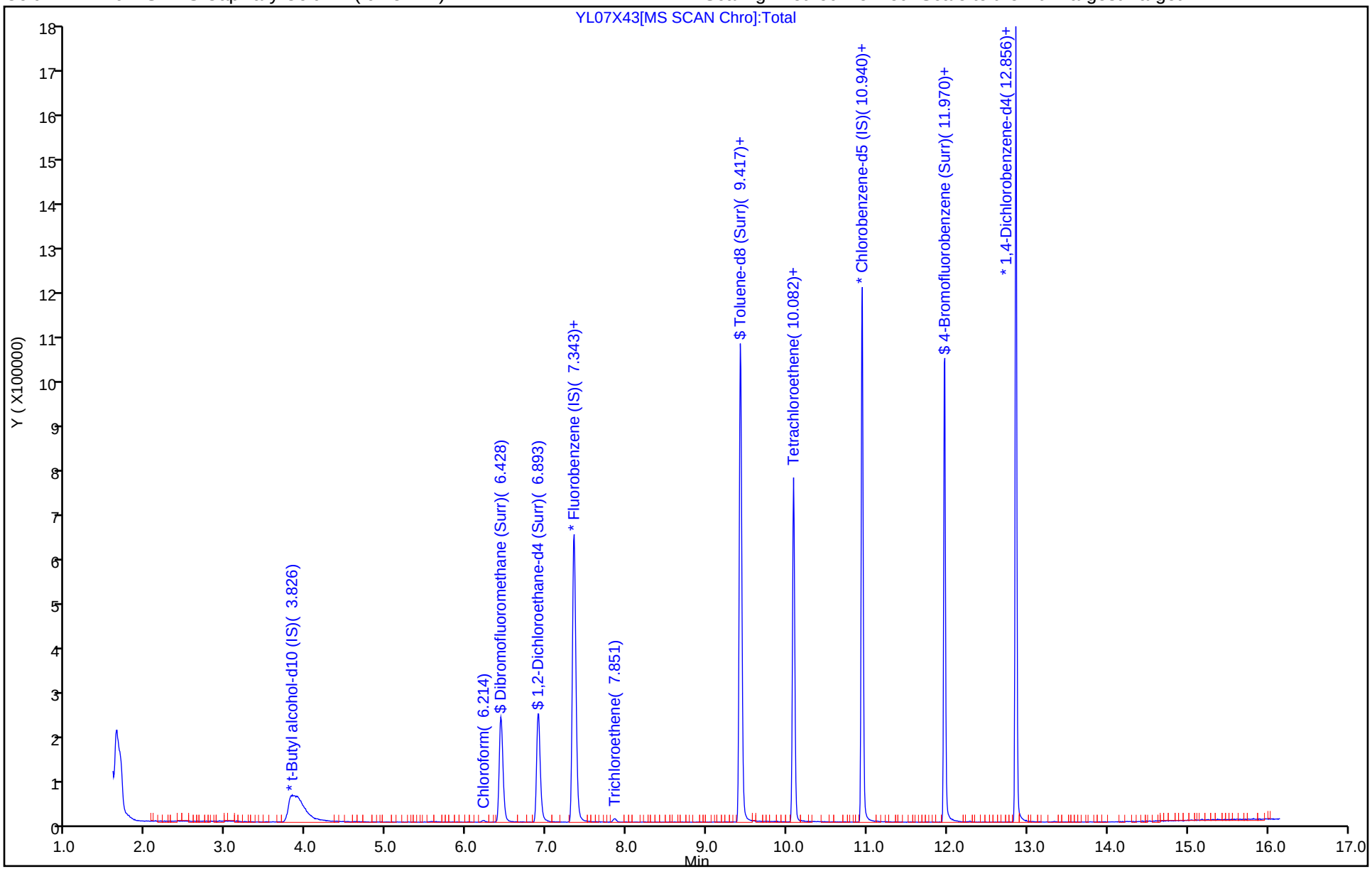
Report Date: 08-Jul-2025 15:09:04 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X43.D

Injection Date:	08-Jul-2025 01:29:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	410-229235-A-2	Lab Sample ID:	410-229235-2	Worklist Smp#:	11
Client ID:	HD-CW-22 - 0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	9
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X43.D
Lims ID: 410-229235-A-2
Client ID: HD-CW-22 - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 01:29:30 ALS Bottle#: 9 Worklist Smp#: 11
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-011
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:03:09 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

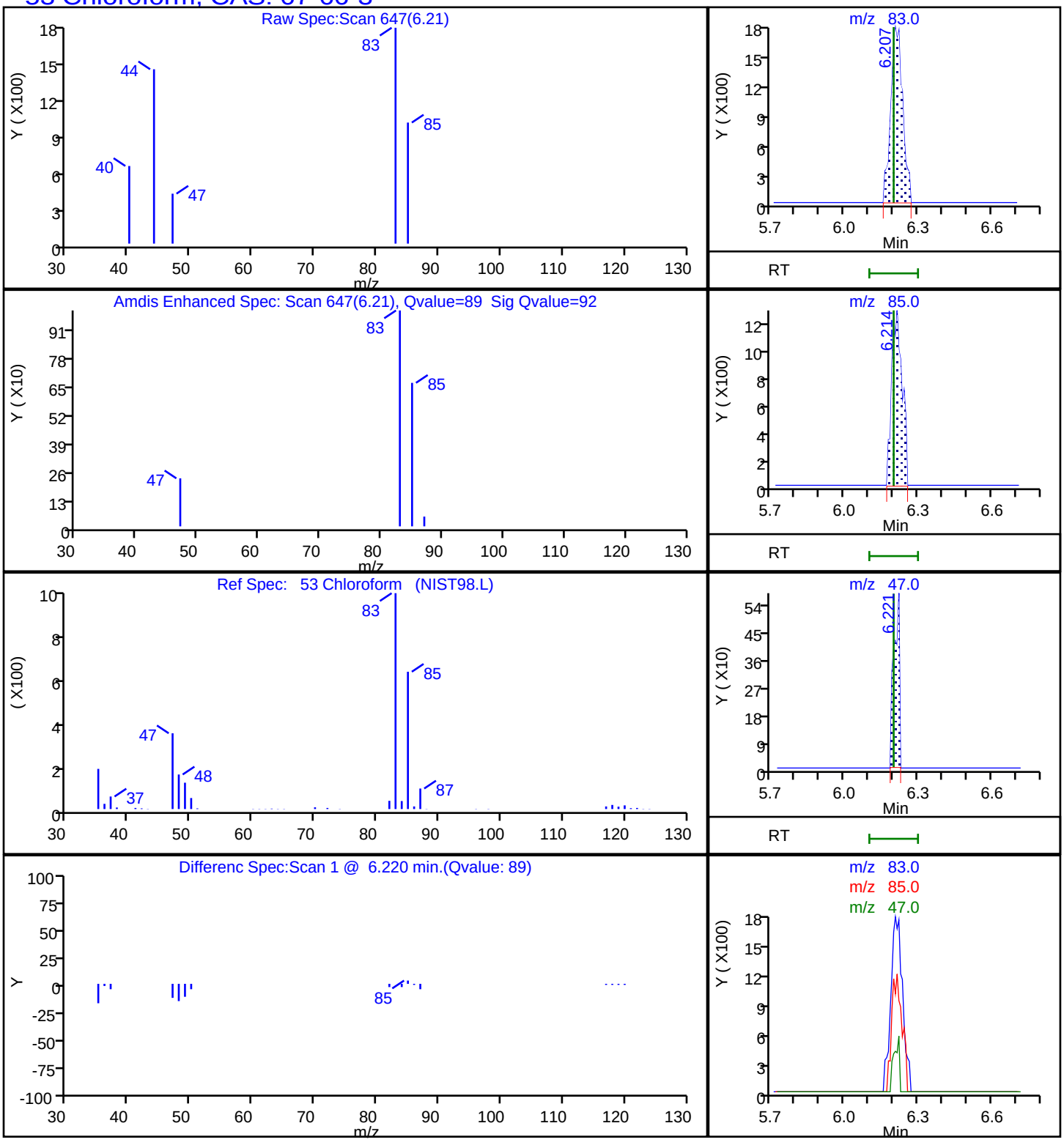
First Level Reviewer: N9NA Date: 08-Jul-2025 15:09:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	53.2	106.35
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.6	105.11
$ 83 Toluene-d8 (Surr)	50.0	51.8	103.62
$ 145 4-Bromofluorobenzene (Surr)	50.0	49.5	98.96

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X43.D				
Injection Date:	08-Jul-2025 01:29:30	Instrument ID:	9355		
Lims ID:	410-229235-A-2	Lab Sample ID:	410-229235-2		
Client ID:	HD-CW-22 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

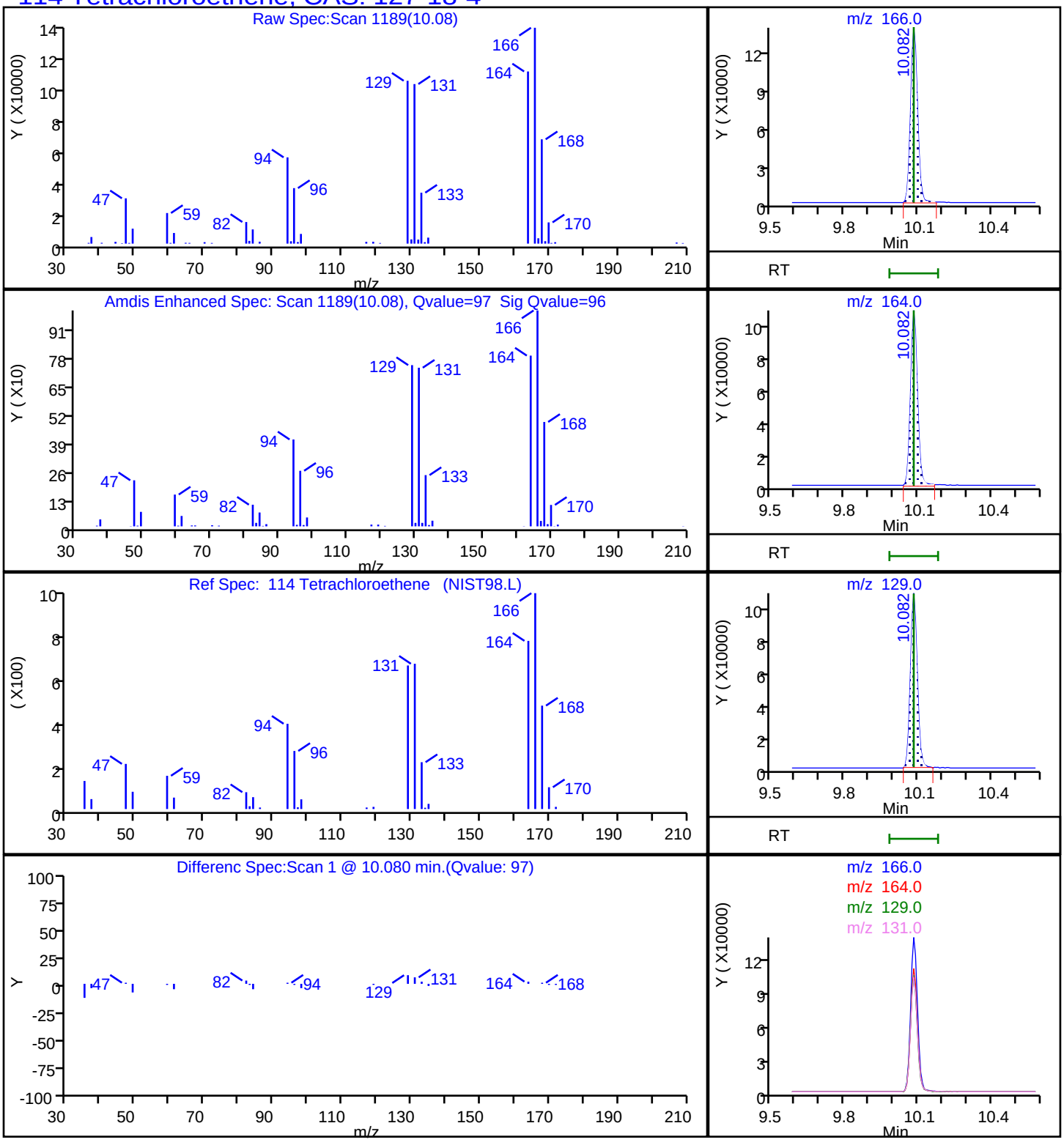
53 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X43.D		
Injection Date:	08-Jul-2025 01:29:30	Instrument ID:	9355
Lims ID:	410-229235-A-2	Lab Sample ID:	410-229235-2
Client ID:	HD-CW-22 - 0/1-0		
Operator ID:	AGD105956	ALS Bottle#:	9 Worklist Smp#: 11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad

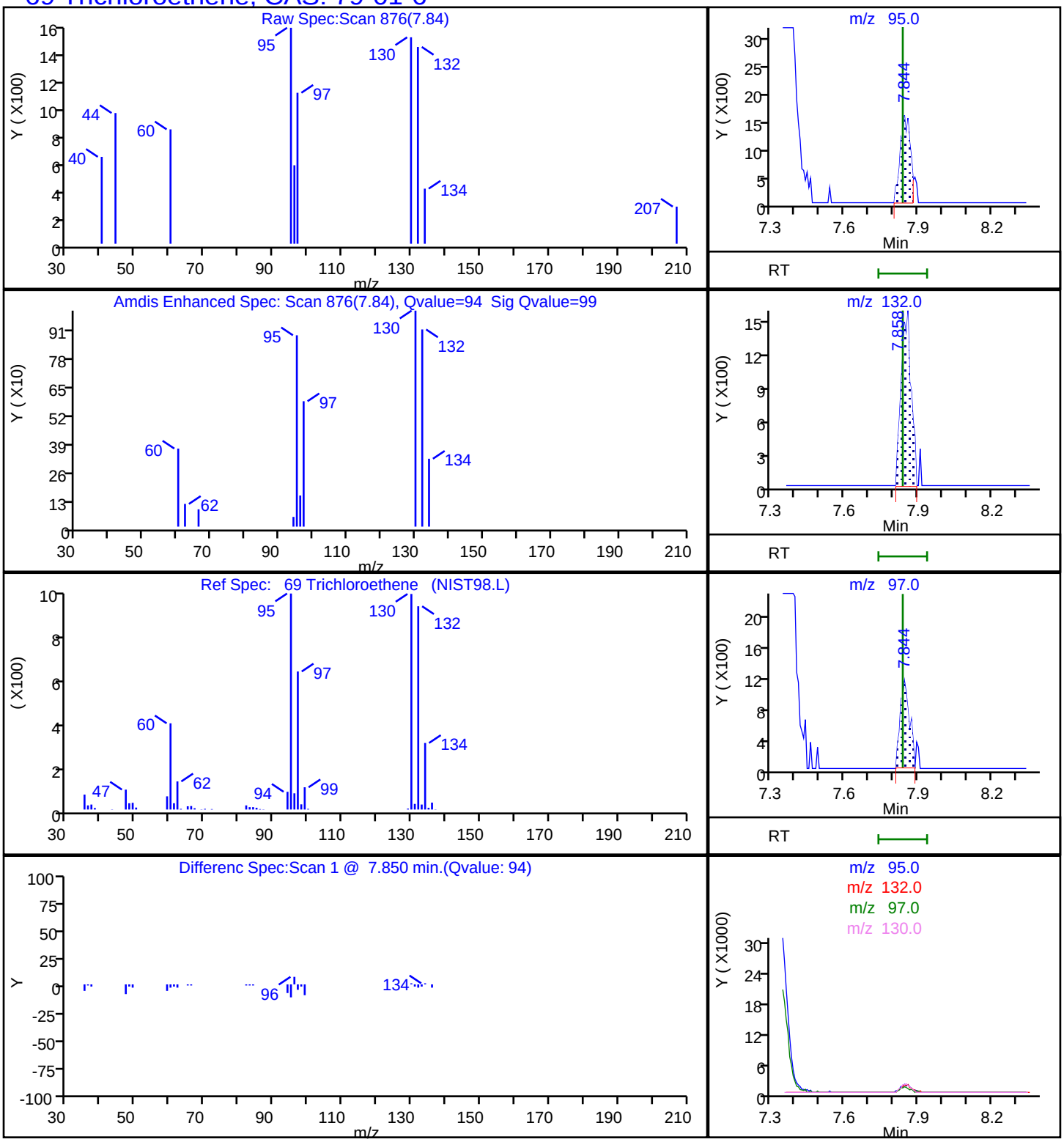
114 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X43.D				
Injection Date:	08-Jul-2025 01:29:30	Instrument ID:	9355		
Lims ID:	410-229235-A-2	Lab Sample ID:	410-229235-2		
Client ID:	HD-CW-22 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	9	Worklist Smp#:	11
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-CW-23 - 0/1-0
Lab Sample ID: 410-229235-3

Matrix: Water
Lab File ID: YL07X44.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:20

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 01:51

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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	Ethylene Dibromide	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.79	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	24		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-CW-23 - 0/1-0
Lab Sample ID: 410-229235-3

Matrix: Water
Lab File ID: YL07X44.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:20

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 01:51

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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)	103		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	107		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X44.D
Lims ID: 410-229235-A-3
Client ID: HD-CW-23 - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 01:51:30 ALS Bottle#: 10 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-012
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 15:09:34 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:09:34

	Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
	6 Chloromethane	50		1.995				ND	
	7 Vinyl chloride	62		2.095				ND	
	10 Bromomethane	94		2.410				ND	
	11 Chloroethane	64		2.460				ND	
	19 1,1-Dichloroethene	96		3.218				ND	
	20 Acetone	58		3.232				ND	
	24 Carbon disulfide	76		3.511				ND	
*	28 t-Butyl alcohol-d10 (IS)	65	3.818	3.804	0.014	34	494150	250.0	
	29 Methylene Chloride	84		3.818				ND	
	32 Methyl tert-butyl ether	73		4.190				ND	
	33 trans-1,2-Dichloroethene	96		4.212				ND	
	37 1,1-Dichloroethane	63		4.855				ND	
	42 2-Butanone (MEK)	43		5.670				ND	
	43 cis-1,2-Dichloroethene	96		5.706				ND	
	50 Chlorobromomethane	128		6.049				ND	
	53 Chloroform	83	6.214	6.199	0.015	89	6751	0.7860	
$	54 Dibromofluoromethane (Surr)	113	6.428	6.421	0.007	93	257842	53.5	
	55 1,1,1-Trichloroethane	97		6.443				ND	
	58 Carbon tetrachloride	117		6.671				ND	
$	60 1,2-Dichloroethane-d4 (Surr)	102	6.900	6.893	0.007	99	63369	51.7	
	61 Benzene	78		6.922				ND	
	62 1,2-Dichloroethane	62		7.000				ND	
*	65 Fluorobenzene (IS)	96	7.343	7.336	0.007	99	1014551	50.0	
	69 Trichloroethene	95	7.844	7.837	0.007	80	1529	0.2811	
	72 1,2-Dichloropropane	63		8.166				ND	
	78 Dichlorobromomethane	83		8.523				ND	
	81 cis-1,3-Dichloropropene	75		9.088				ND	
	82 4-Methyl-2-pentanone (MIBK)	43		9.260				ND	
$	83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1003140	50.9	
	95 Toluene	92		9.496				ND	
	96 trans-1,3-Dichloropropene	75		9.767				ND	
	113 1,1,2-Trichloroethane	97		9.982				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166	10.082	10.082	0.000	97	125019	23.8	
117 2-Hexanone	43		10.204				ND	
119 Chlorodibromomethane	129		10.375				ND	
120 Ethylene Dibromide	107		10.490				ND	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	85	730480	50.0	
132 Chlorobenzene	112		10.961				ND	
134 1,1,1,2-Tetrachloroethane	131		11.047				ND	
135 Ethylbenzene	91		11.054				ND	
137 m-Xylene & p-Xylene	106		11.176				ND	
S 136 Xylenes, Total	106		11.245				ND	7
139 o-Xylene	106		11.512				ND	
140 Styrene	104		11.526				ND	
141 Bromoform	173		11.684				ND	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	0.000	90	365651	48.5	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	457997	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_HP20_ISSS_00160 Amount Added: 1.00 Units: uL Run Reagent

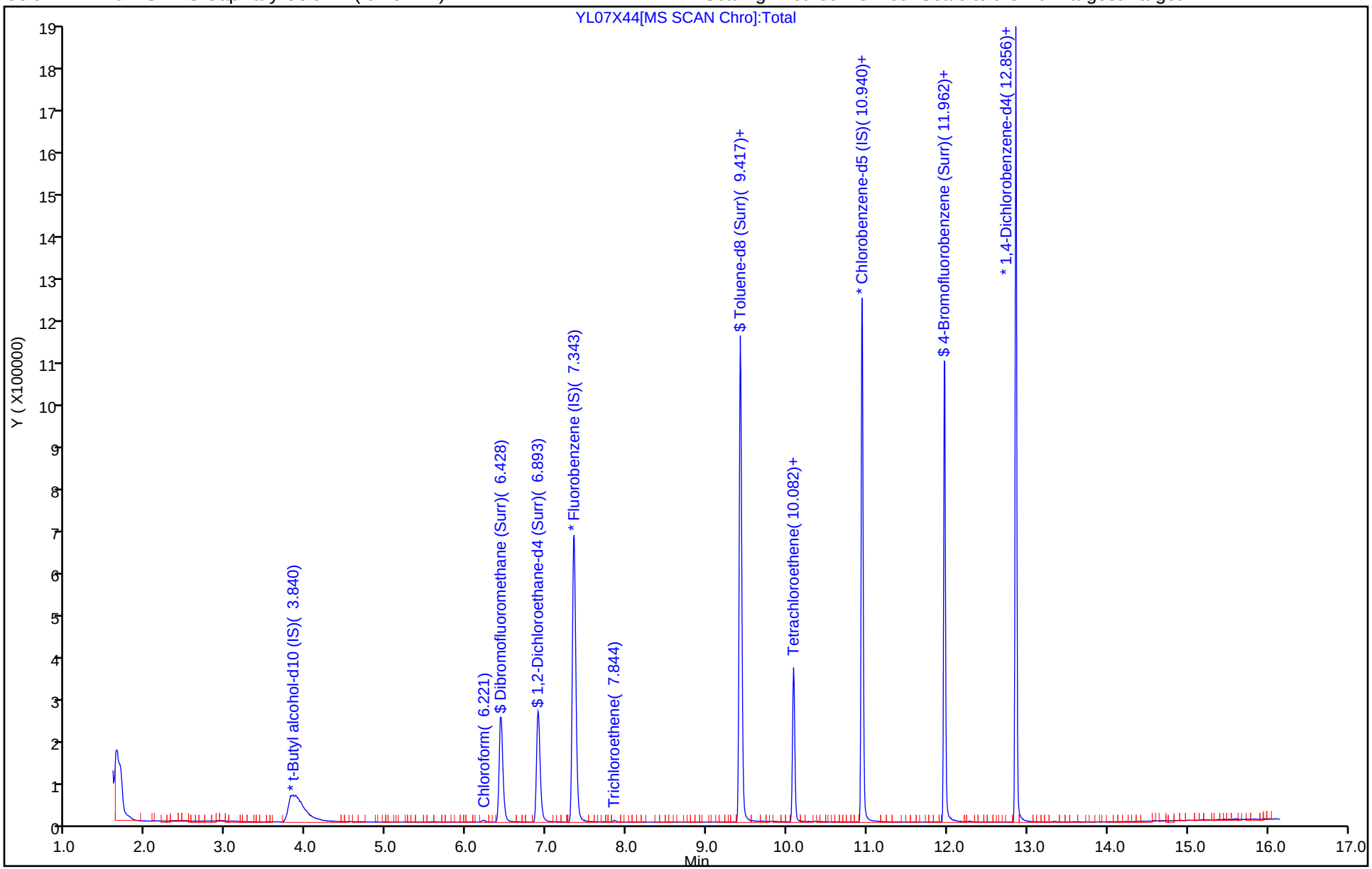
Report Date: 08-Jul-2025 15:09:35 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X44.D

Injection Date:	08-Jul-2025 01:51:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	410-229235-A-3	Lab Sample ID:	410-229235-3	Worklist Smp#:	12
Client ID:	HD-CW-23 - 0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	10
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X44.D
Lims ID: 410-229235-A-3
Client ID: HD-CW-23 - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 01:51:30 ALS Bottle#: 10 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-012
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 15:09:34 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

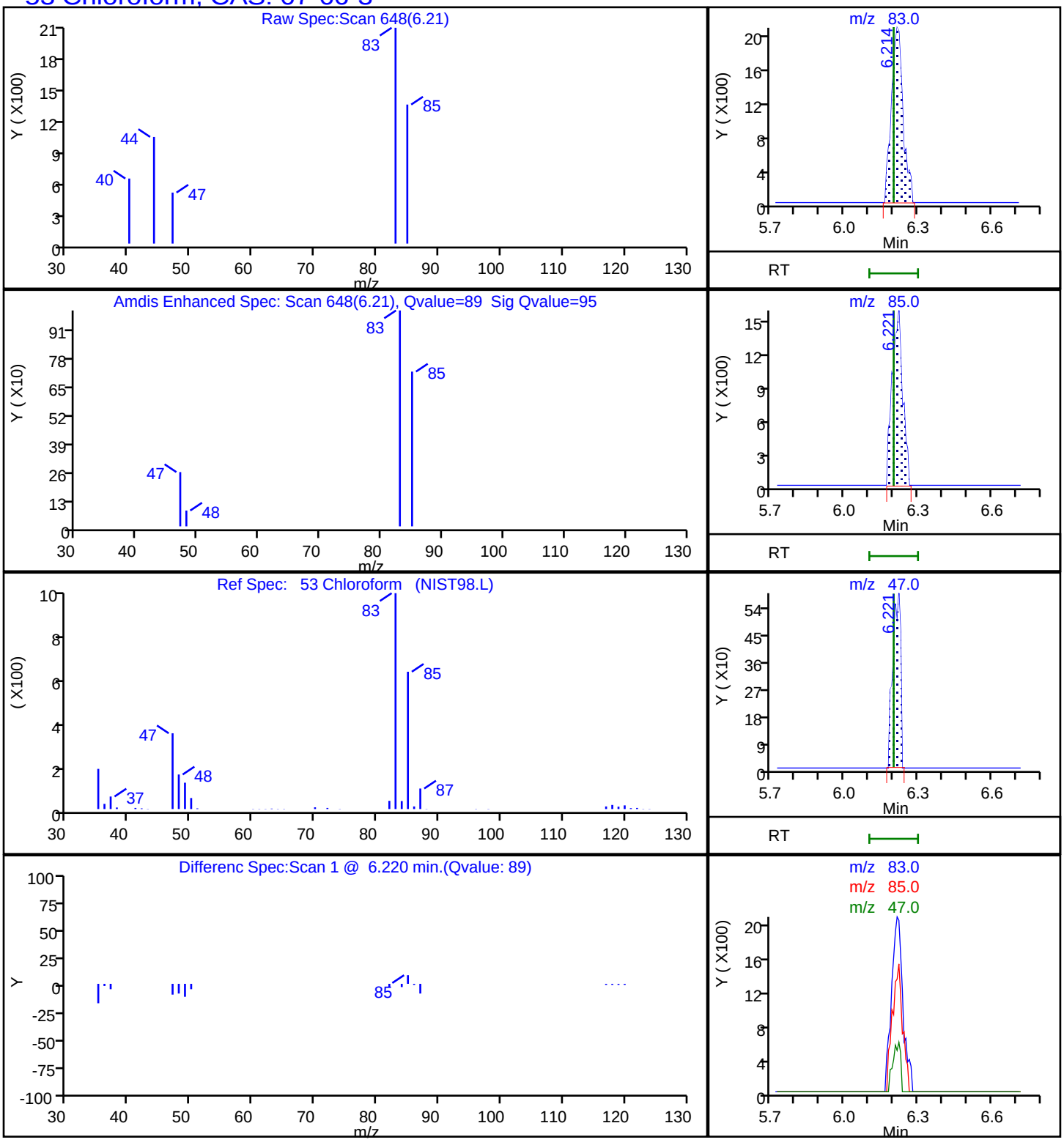
First Level Reviewer: N9NA Date: 08-Jul-2025 15:09:34

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	53.5	106.97
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.7	103.47
$ 83 Toluene-d8 (Surr)	50.0	50.9	101.86
$ 145 4-Bromofluorobenzene (Surr)	50.0	48.5	97.07

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X44.D				
Injection Date:	08-Jul-2025 01:51:30	Instrument ID:	9355		
Lims ID:	410-229235-A-3	Lab Sample ID:	410-229235-3		
Client ID:	HD-CW-23 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

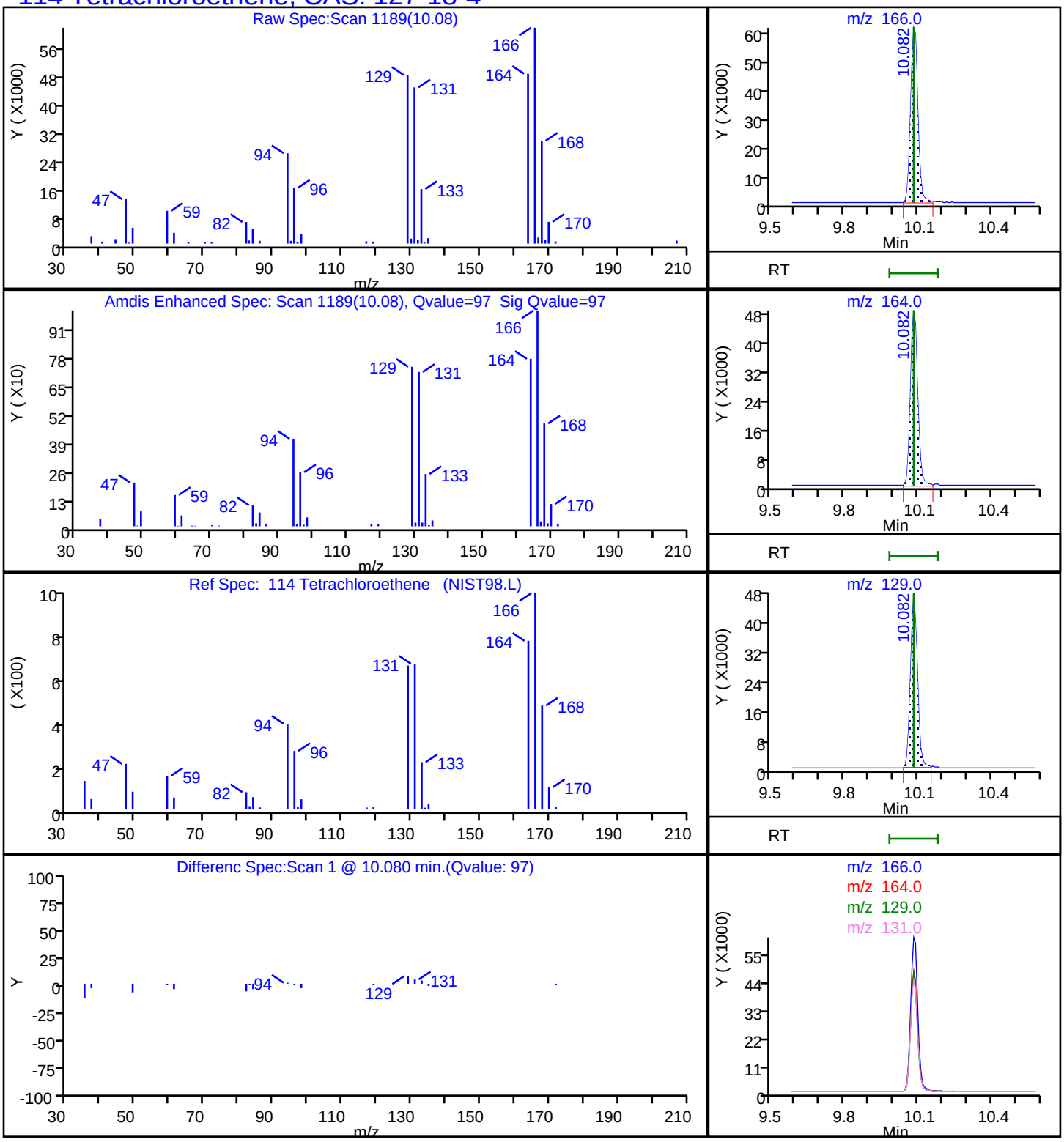
53 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X44.D				
Injection Date:	08-Jul-2025 01:51:30	Instrument ID:	9355		
Lims ID:	410-229235-A-3	Lab Sample ID:	410-229235-3		
Client ID:	HD-CW-23 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25 mm)	Detector	MS Quad		

114 Tetrachloroethene, CAS: 127-18-4



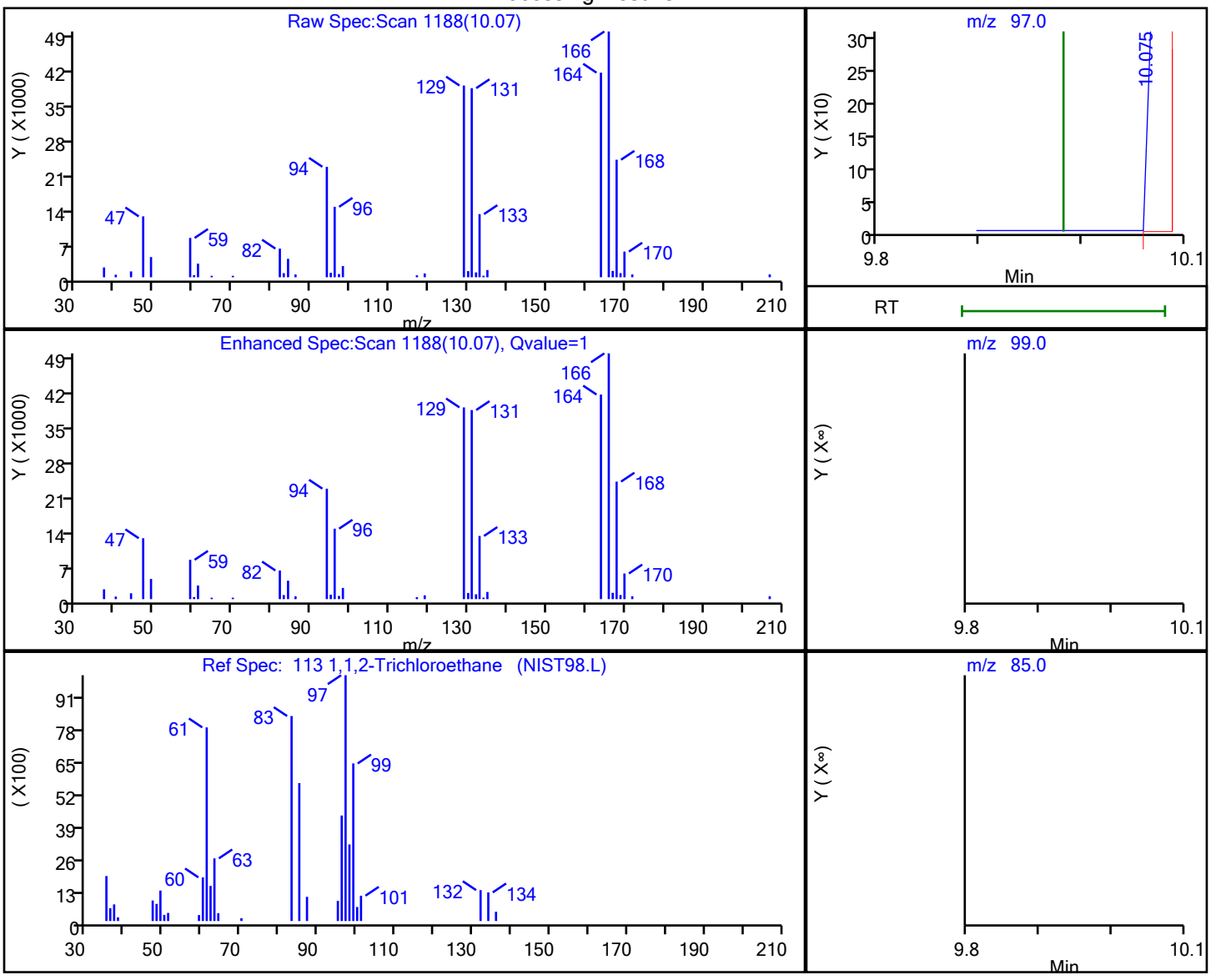
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X44.D				
Injection Date:	08-Jul-2025 01:51:30	Instrument ID:	9355		
Lims ID:	410-229235-A-3	Lab Sample ID:	410-229235-3		
Client ID:	HD-CW-23 - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	10	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

113 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
10.07	97.00	688	0.138457
9.98	99.00	0	
9.98	85.00	0	
10.08	83.00	1634	

Reviewer: N9NA, 08-Jul-2025 15:09:27 07:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-SPBA-EFF - 0/1-0
Lab Sample ID: 410-229235-4

Matrix: Water
Lab File ID: YL07X45.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:28

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 02:13

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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	Ethylene Dibromide	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	0.57	J	1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	76		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: HD-SPBA-EFF - 0/1-0
Lab Sample ID: 410-229235-4

Matrix: Water
Lab File ID: YL07X45.D

Analysis Method: 8260D
Date Collected: 06/25/2025 09:28

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 02:13

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	0.54	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)	100		80-120
460-00-4	4-Bromofluorobenzene (Surr)	97		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	101		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D
Lims ID: 410-229235-A-4
Client ID: HD-SPBA-EFF - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 02:13:30 ALS Bottle#: 11 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-013
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 15:10:00 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:10:00

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50		1.995				ND	
7 Vinyl chloride	62		2.095				ND	
10 Bromomethane	94		2.410				ND	
11 Chloroethane	64		2.460				ND	
19 1,1-Dichloroethene	96		3.218				ND	
20 Acetone	58		3.232				ND	
24 Carbon disulfide	76		3.511				ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.804	3.804	0.000	32	474899	250.0	
29 Methylene Chloride	84		3.818				ND	
32 Methyl tert-butyl ether	73		4.190				ND	7
33 trans-1,2-Dichloroethene	96		4.212				ND	
37 1,1-Dichloroethane	63		4.855				ND	
42 2-Butanone (MEK)	43		5.670				ND	
43 cis-1,2-Dichloroethene	96		5.706				ND	
50 Chlorobromomethane	128		6.049				ND	
53 Chloroform	83	6.206	6.199	0.007	88	4748	0.5744	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	245198	52.8	
55 1,1,1-Trichloroethane	97		6.443				ND	
58 Carbon tetrachloride	117		6.671				ND	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.893	-0.007	99	58931	50.0	
61 Benzene	78		6.922				ND	
62 1,2-Dichloroethane	62		7.000				ND	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	976441	50.0	
69 Trichloroethene	95	7.844	7.837	0.007	85	2826	0.5398	
72 1,2-Dichloropropane	63		8.166				ND	
78 Dichlorobromomethane	83		8.523				ND	
81 cis-1,3-Dichloropropene	75		9.088				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.260				ND	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	958026	50.5	
95 Toluene	92		9.496				ND	
96 trans-1,3-Dichloropropene	75		9.767				ND	
113 1,1,2-Trichloroethane	97		9.982				ND	U

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166	10.082	10.082	0.000	96	384465	75.9	
117 2-Hexanone	43		10.204				ND	
119 Chlorodibromomethane	129		10.375				ND	
120 Ethylene Dibromide	107		10.490				ND	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	85	703119	50.0	
132 Chlorobenzene	112		10.961				ND	
134 1,1,1,2-Tetrachloroethane	131		11.047				ND	
135 Ethylbenzene	91		11.054				ND	
137 m-Xylene & p-Xylene	106		11.176				ND	
S 136 Xylenes, Total	106		11.245				ND	7
139 o-Xylene	106		11.512				ND	
140 Styrene	104		11.526				ND	
141 Bromoform	173		11.684				ND	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	0.000	90	351374	48.5	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	448796	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_HP20_ISSS_00160 Amount Added: 1.00 Units: uL Run Reagent

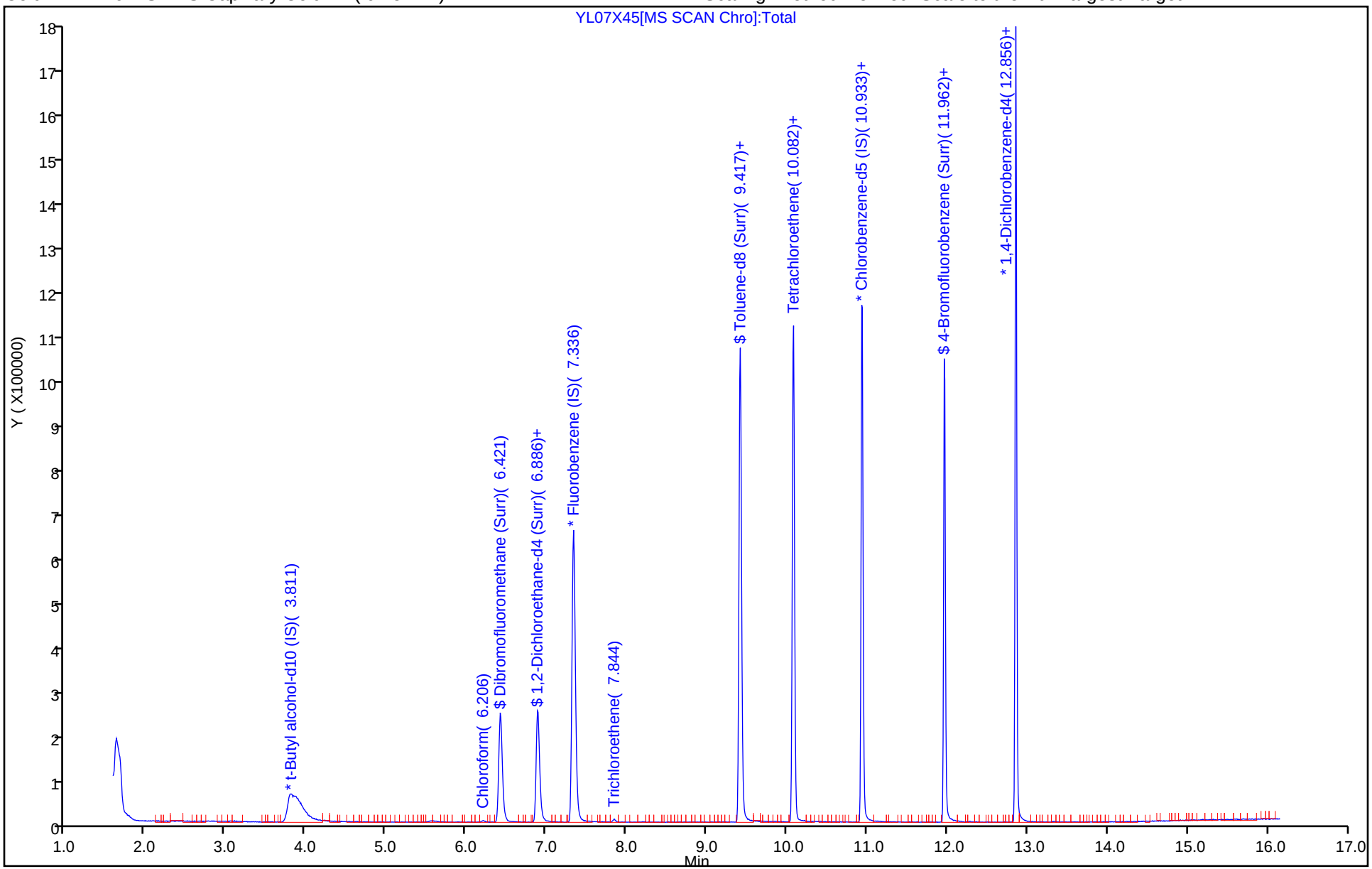
Report Date: 08-Jul-2025 15:10:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D

Injection Date:	08-Jul-2025 02:13:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	410-229235-A-4	Lab Sample ID:	410-229235-4	Worklist Smp#:	13
Client ID:	HD-SPBA-EFF - 0/1-0				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	11
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D
Lims ID: 410-229235-A-4
Client ID: HD-SPBA-EFF - 0/1-0
Sample Type: Client
Inject. Date: 08-Jul-2025 02:13:30 ALS Bottle#: 11 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-013
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 15:10:00 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:10:00

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	52.8	105.70
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.0	99.98
$ 83 Toluene-d8 (Surr)	50.0	50.5	101.07
$ 145 4-Bromofluorobenzene (Surr)	50.0	48.5	96.91

Report Date: 08-Jul-2025 15:10:01 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D

Injection Date: 08-Jul-2025 02:13:30 Instrument ID: 9355

Lims ID: 410-229235-A-4 Lab Sample ID: 410-229235-4

Client ID: HD-SPBA-EFF - 0/1-0

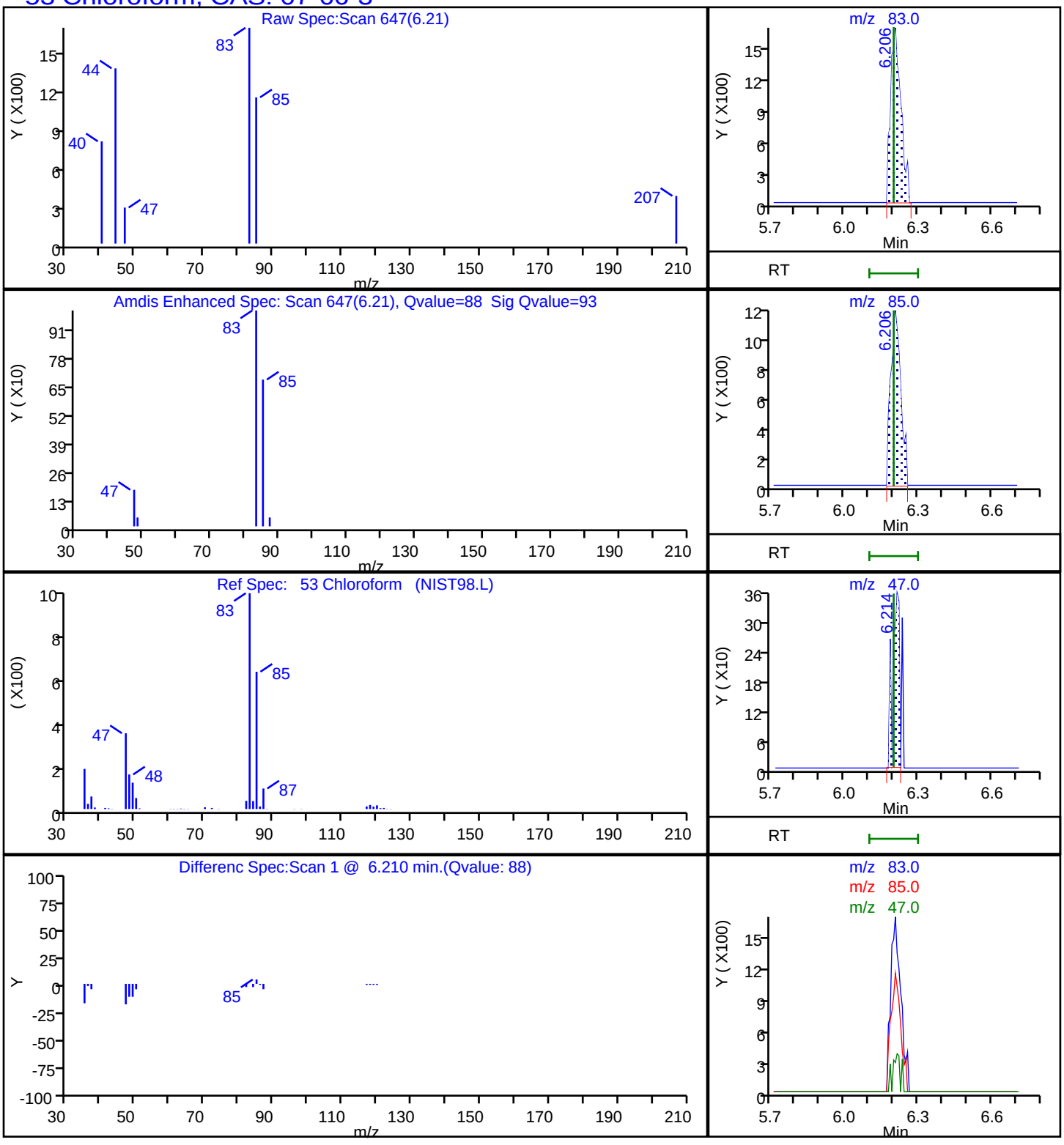
Operator ID: AGD105956 ALS Bottle#: 11 Worklist Smp#: 13

Purge Vol: 5.000 mL Dil. Factor: 1.0000

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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

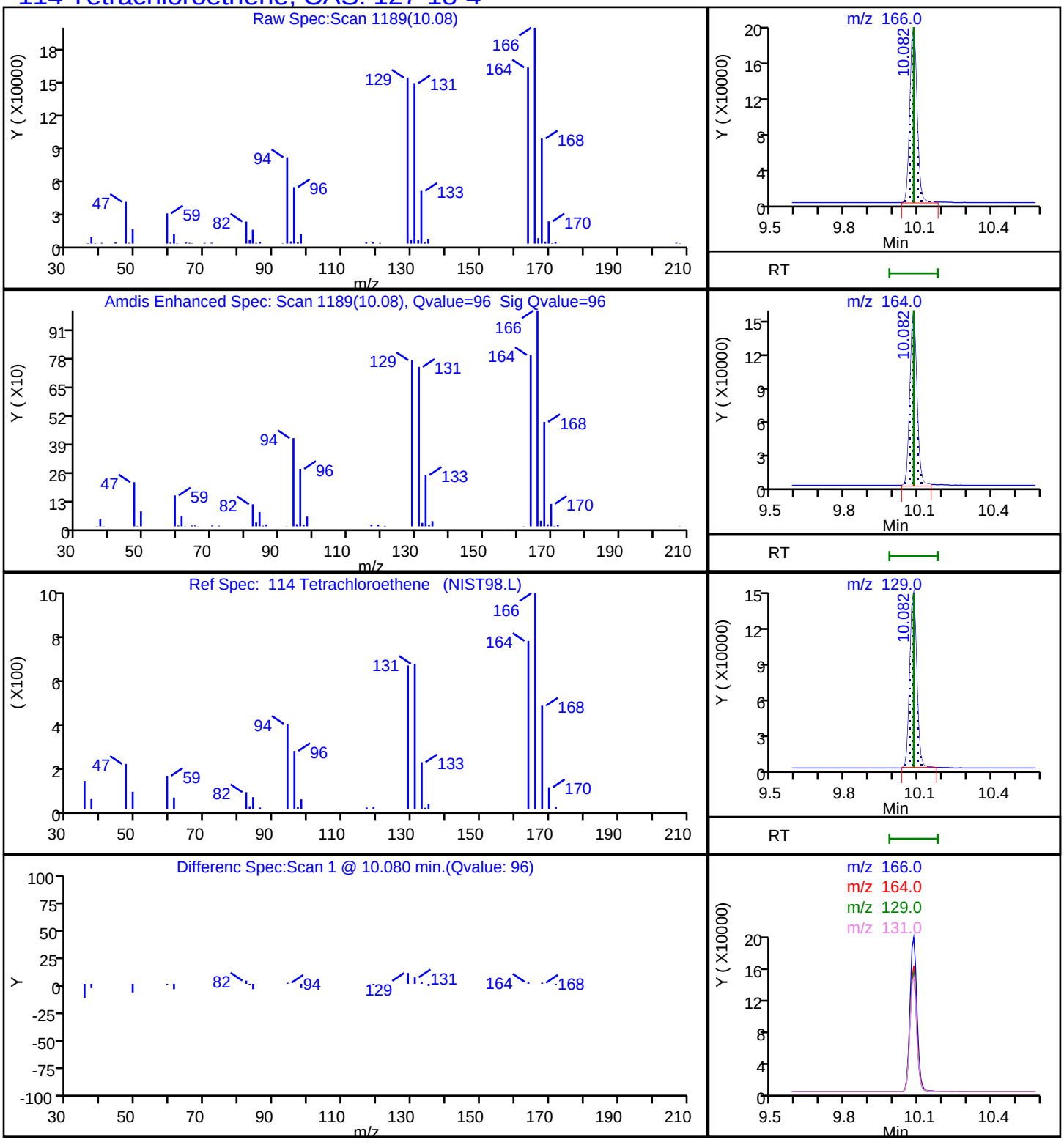
53 Chloroform, CAS: 67-66-3



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D
Injection Date: 08-Jul-2025 02:13:30 Instrument ID: 9355
Lims ID: 410-229235-A-4 Lab Sample ID: 410-229235-4
Client ID: HD-SPBA-EFF - 0/1-0
Operator ID: AGD105956 ALS Bottle#: 11 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

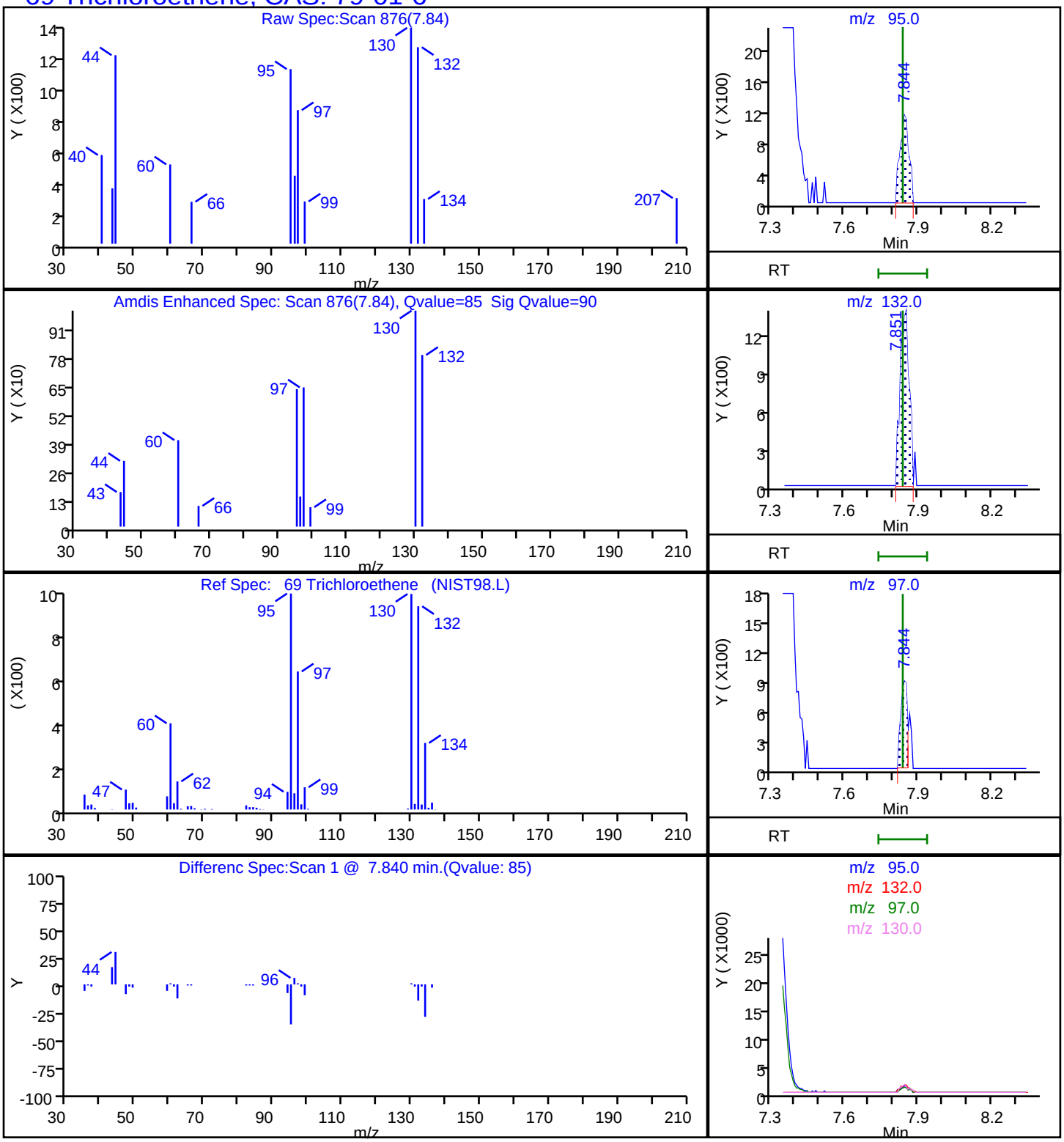
114 Tetrachloroethene, CAS: 127-18-4



Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D				
Injection Date:	08-Jul-2025 02:13:30	Instrument ID:	9355		
Lims ID:	410-229235-A-4	Lab Sample ID:	410-229235-4		
Client ID:	HD-SPBA-EFF - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

69 Trichloroethene, CAS: 79-01-6



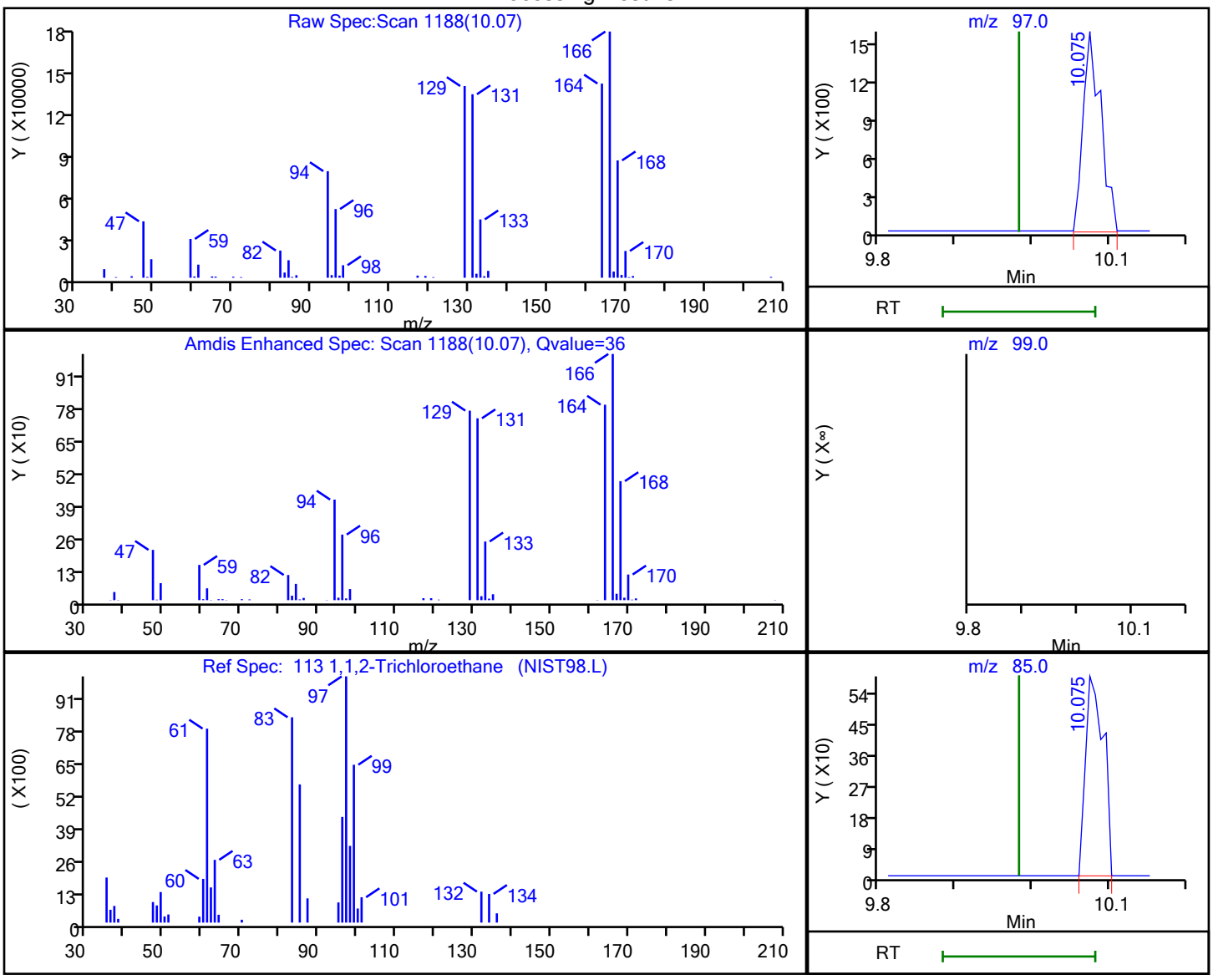
User Disabled Compound Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X45.D				
Injection Date:	08-Jul-2025 02:13:30	Instrument ID:	9355		
Lims ID:	410-229235-A-4	Lab Sample ID:	410-229235-4		
Client ID:	HD-SPBA-EFF - 0/1-0				
Operator ID:	AGD105956	ALS Bottle#:	11	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

113 1,1,2-Trichloroethane, CAS: 79-00-5

Processing Results



RT	Mass	Response	Amount
10.07	97.00	2505	0.523736
9.98	99.00	0	
10.07	85.00	945	
10.07	83.00	6806	

Reviewer: N9NA, 08-Jul-2025 15:09:43 07:00:00 (UTC)

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

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID: Trip Blank
Lab Sample ID: 410-229235-5

Matrix: Water
Lab File ID: YL07X41.D

Analysis Method: 8260D
Date Collected: 06/25/2025 00:00

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 00:44

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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	Ethylene Dibromide	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND	^c cn	20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		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.: 410-229235-1

SDG No.:

Client Sample ID: Trip Blank
Lab Sample ID: 410-229235-5

Matrix: Water
Lab File ID: YL07X41.D

Analysis Method: 8260D
Date Collected: 06/25/2025 00:00

Sample wt/vol: 5(mL)
Date Analyzed: 07/08/2025 00:44

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	102		80-120
460-00-4	4-Bromofluorobenzene (Surr)	99		80-120
1868-53-7	Dibromofluoromethane (Surr)	106		80-120
2037-26-5	Toluene-d8 (Surr)	102		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X41.D
Lims ID: 410-229235-A-5
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 08-Jul-2025 00:44:30 ALS Bottle#: 7 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-008
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:03:09 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:08:20

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
6 Chloromethane	50		1.995				ND	
7 Vinyl chloride	62		2.095				ND	
10 Bromomethane	94		2.410				ND	
11 Chloroethane	64		2.460				ND	
19 1,1-Dichloroethene	96		3.218				ND	
20 Acetone	58		3.232				ND	
24 Carbon disulfide	76		3.511				ND	7
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.804	0.014	34	508959	250.0	
29 Methylene Chloride	84		3.818				ND	
32 Methyl tert-butyl ether	73		4.190				ND	
33 trans-1,2-Dichloroethene	96		4.212				ND	
37 1,1-Dichloroethane	63		4.855				ND	
42 2-Butanone (MEK)	43		5.670				ND	
43 cis-1,2-Dichloroethene	96		5.706				ND	
50 Chlorobromomethane	128		6.049				ND	
53 Chloroform	83		6.199				ND	
$ 54 Dibromofluoromethane (Surr)	113	6.428	6.421	0.007	93	254279	53.0	
55 1,1,1-Trichloroethane	97		6.443				ND	
58 Carbon tetrachloride	117		6.671				ND	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	62166	51.0	
61 Benzene	78		6.922				ND	
62 1,2-Dichloroethane	62		7.000				ND	
* 65 Fluorobenzene (IS)	96	7.343	7.336	0.007	99	1010488	50.0	
69 Trichloroethene	95		7.837				ND	
72 1,2-Dichloropropane	63		8.166				ND	
78 Dichlorobromomethane	83		8.523				ND	
81 cis-1,3-Dichloropropene	75		9.088				ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.260				ND	
$ 83 Toluene-d8 (Surr)	98	9.424	9.417	0.007	93	1005675	51.0	
95 Toluene	92		9.496				ND	7
96 trans-1,3-Dichloropropene	75		9.767				ND	
113 1,1,2-Trichloroethane	97		9.982				ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166		10.082				ND	
117 2-Hexanone	43		10.204				ND	
119 Chlorodibromomethane	129		10.375				ND	
120 Ethylene Dibromide	107		10.490				ND	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	85	730990	50.0	
132 Chlorobenzene	112		10.961				ND	
134 1,1,1,2-Tetrachloroethane	131		11.047				ND	
135 Ethylbenzene	91		11.054				ND	
137 m-Xylene & p-Xylene	106		11.176				ND	
S 136 Xylenes, Total	106		11.245				ND	7
139 o-Xylene	106		11.512				ND	
140 Styrene	104		11.526				ND	
141 Bromoform	173		11.684				ND	
$ 145 4-Bromofluorobenzene (Surr)	95	11.969	11.963	0.007	91	373777	49.6	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	457243	50.0	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

MSV_HP20_ISSS_00160 Amount Added: 1.00 Units: uL Run Reagent

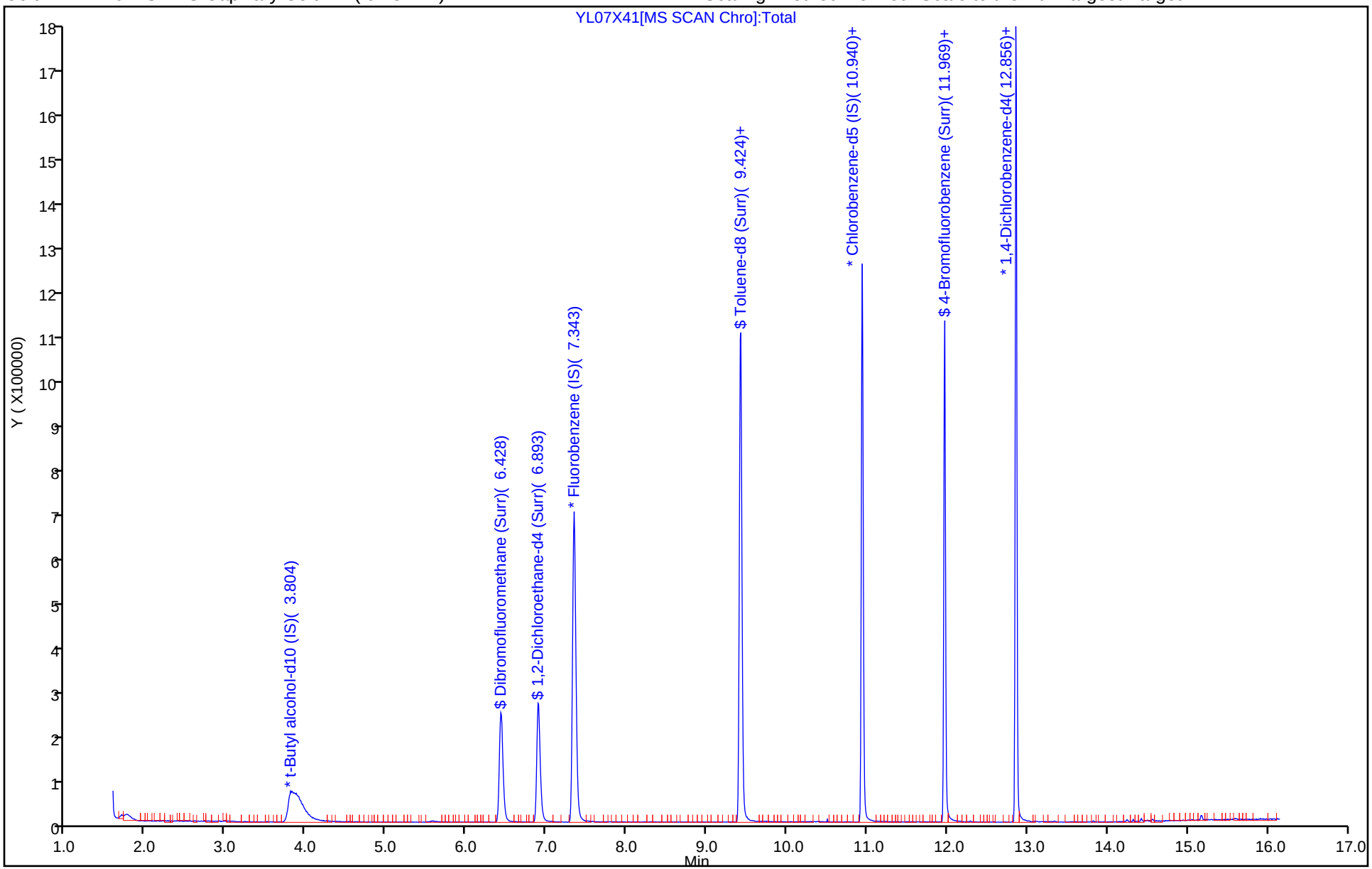
Report Date: 08-Jul-2025 15:08:20 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X41.D

Injection Date:	08-Jul-2025 00:44:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	410-229235-A-5	Lab Sample ID:	410-229235-5	Worklist Smp#:	9
Client ID:	Trip Blank				
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	7
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X41.D
Lims ID: 410-229235-A-5
Client ID: Trip Blank
Sample Type: Client
Inject. Date: 08-Jul-2025 00:44:30 ALS Bottle#: 7 Worklist Smp#: 9
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-008
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:03:09 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

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

First Level Reviewer: N9NA Date: 08-Jul-2025 15:08:20

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	53.0	105.92
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.0	101.91
$ 83 Toluene-d8 (Surr)	50.0	51.0	102.05
$ 145 4-Bromofluorobenzene (Surr)	50.0	49.6	99.16

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

Calibration Files

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-664115/12	YU27X18.D
Level 2	IC 410-664115/13	YU27X17.D
Level 3	IC 410-664115/14	YU27X16.D
Level 4	IC 410-664115/15	YU27X15.D
Level 5	ICIS 410-664115/16	YU27X14.D
Level 6	IC 410-664115/17	YU27X13.D
Level 7	IC 410-664115/18	YU27X12.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	0.3377 0.4886	0.4162 0.4346	0.4592	0.3464	0.4950	Ave		0.4254			0.1000	14.9		20.0			
Chloromethane	0.5117 0.5617	0.5202 0.5087	0.5606	0.5068	0.5647	Ave		0.5335			0.1000	5.1		20.0			
1,3-Butadiene	0.4618 0.5299	0.4738 0.4730	0.4927	0.3997	0.5061	Ave		0.4767				8.6		20.0			
Vinyl chloride	0.4526 0.5436	0.4835 0.4775	0.5143	0.4521	0.5332	Ave		0.4938			0.1000	7.5		20.0			
Bromomethane	0.3413 0.3600	0.3465 0.3123	0.3698	0.3307	0.3609	Ave		0.3459			0.1000	5.8		20.0			
Chloroethane	0.2507 0.2558	0.2451 0.2288	0.2610	0.2293	0.2528	Ave		0.2462			0.1000	5.2		20.0			
Dichlorofluoromethane	0.8075 0.7821	0.7395 0.7049	0.7767	0.6961	0.7755	Ave		0.7546			0.1000	5.6		20.0			
n-Pentane	0.4442 0.4630	0.5467 0.4791	0.4005	0.4648	0.4721	Ave		0.4672				9.4		20.0			
Trichlorofluoromethane	0.4616 0.5784	0.4918 0.5213	0.5422	0.4405	0.5737	Ave		0.5156			0.1000	10.4		20.0			
Freon 123a	0.3832 0.3649	0.3495 0.3368	0.3539	0.3065	0.3575	Ave		0.3503				6.9		20.0			
Acrolein	0.8644 1.0473	0.9155 1.0143	0.9586	0.9506	0.9975	Ave		0.9640				6.4		20.0			
1,1-Dichloroethene	0.2399 0.2344	0.2434 0.2409	0.2143	0.2386	0.2351	Ave		0.2352			0.1000	4.1		20.0			
Acetone	0.4932 0.5713	0.5047 0.5185	0.5314	0.5441	0.5484	Ave		0.5302			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.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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	0.2652 0.3228	0.3135 0.3189	0.2765	0.3192	0.3262	Ave		0.3060			0.1000	8.0		20.0			
2-Propanol	1.1367 0.7960	1.1062 0.7289	0.7551	0.8951	0.8096	Ave		0.8897				18.8		20.0			
Methyl iodide	0.4332 0.4844	0.4786 0.4834	0.4381	0.4983	0.4812	Ave		0.4710				5.3		20.0			
Carbon disulfide	0.8309 0.8432	0.8734 0.8979	0.7866	0.8768	0.8808	Ave		0.8556			0.1000	4.5		20.0			
Methyl acetate	0.2535 0.3412	0.3134 0.3294	0.2944	0.3197	0.3332	Ave		0.3121			0.1000	9.6		20.0			
Allyl chloride	0.5453 0.3863	0.3783 0.3783	0.3621	0.3957	0.3929	Ave		0.4055				15.4		20.0			
Methylene Chloride	0.2600 0.2822	0.2812 0.2796	0.2553	0.2892	0.2762	Ave		0.2748			0.1000	4.5		20.0			
t-Butyl alcohol	1.0395 1.0233	1.0404 0.9365	0.9631	1.0502	0.9978	Ave		1.0072				4.3		20.0			
Acrylonitrile	0.1684 0.1794	0.1720 0.1723	0.1760	0.1903	0.1808	Ave		0.1770				4.1		20.0			
Methyl tert-butyl ether	0.9557 0.9569	0.9709 0.9112	0.9432	1.0054	0.9620	Ave		0.9579			0.1000	3.0		20.0			
trans-1,2-Dichloroethene	0.2402 0.2303	0.2388 0.2244	0.2213	0.2456	0.2370	Ave		0.2339			0.1000	3.8		20.0			
n-Hexane	0.3892 0.4029	0.3987 0.3813	0.2879	0.4094	0.4200	Ave		0.3842				11.5		20.0			
1,1-Dichloroethane	0.3825 0.4257	0.4306 0.4100	0.4117	0.4556	0.4429	Ave		0.4227			0.2000	5.7		20.0			
Isopropyl ether	0.8736 0.8770	0.8622 0.8613	0.8548	0.9072	0.9012	Ave		0.8767				2.3		20.0			
2-Chloro-1,3-butadiene	0.3472 0.3801	0.3846 0.3642	0.3659	0.4055	0.3981	Ave		0.3779				5.4		20.0			
Ethyl t-butyl ether	0.9092 0.9305	0.8943 0.9097	0.8695	0.9490	0.9440	Ave		0.9152				3.1		20.0			
2-Butanone (MEK)	0.3419 0.2593	0.2194 0.2465	0.2365	0.2370	0.2524	Ave		0.2562			0.1000	15.6		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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	0.2774 0.2735	0.2738 0.2610	0.2669	0.2933	0.2815	Ave		0.2753			0.1000	3.8		20.0			
2,2-Dichloropropane	0.4309 0.4362	0.4266 0.4309	0.3874	0.4390	0.4390	Ave		0.4271				4.2		20.0			
Propionitrile	0.8019 0.9215	0.8182 0.9111	0.8249	0.8874	0.8849	Ave		0.8643				5.6		20.0			
Methyl acrylate	0.3493 0.4227	0.3655 0.4038	0.3261	0.4249	0.4340	Ave		0.3895				10.9		20.0			
Methacrylonitrile	0.1582 0.1840	0.1738 0.1751	0.1734	0.1871	0.1838	Ave		0.1765				5.5		20.0			
Bromochloromethane	0.1223 0.1394	0.1358 0.1339	0.1321	0.1471	0.1406	Ave		0.1359				5.7		20.0			
Tetrahydrofuran	0.7111 0.7759	0.7416 0.7551	0.7006	0.7918	0.7561	Ave		0.7474				4.4		20.0			
Chloroform	0.4248 0.4176	0.4297 0.3994	0.4079	0.4547	0.4290	Ave		0.4233			0.2000	4.2		20.0			
1,1,1-Trichloroethane	0.4048 0.4234	0.4196 0.4285	0.3911	0.4404	0.4288	Ave		0.4195			0.1000	3.9		20.0			
Cyclohexane	0.5196 0.5672	0.5572 0.5736	0.4621	0.5685	0.5699	Ave		0.5454			0.1000	7.5		20.0			
1,1-Dichloropropene	0.3132 0.3557	0.3551 0.3440	0.3201	0.3724	0.3649	Ave		0.3465				6.4		20.0			
Carbon tetrachloride	0.2938 0.3654	0.3449 0.3681	0.3134	0.3648	0.3634	Ave		0.3448			0.1000	8.6		20.0			
Isobutyl alcohol	0.4002 0.3263	0.3558 0.3135	0.3021	0.3244	0.3171	Ave		0.3342				10.0		20.0			
Benzene	1.0044 1.0598	1.0722 1.0152	0.9984	1.1075	1.0841	Ave		1.0488			0.5000	4.1		20.0			
1,2-Dichloroethane	0.3561 0.3390	0.3419 0.3302	0.3203	0.3610	0.3428	Ave		0.3416			0.1000	4.1		20.0			
t-Amyl methyl ether	0.8700 0.9131	0.8619 0.9227	0.8394	0.9183	0.9154	Ave		0.8916				3.8		20.0			
n-Heptane	0.4727 0.4026	0.3828 0.3791	0.2413	0.3969	0.4111	Ave		0.3838				18.3		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD /RSE	#	MAX %RSD /RSE	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3	LVL 4	LVL 5		B	M1	M2								
n-Butanol	0.2111 0.2763	0.2322 0.2728	0.2315	0.2512	0.2676	Ave		0.2490				9.9		20.0			
Trichloroethene	0.2469 0.2708	0.2742 0.2636	0.2587	0.2839	0.2785	Ave		0.2681			0.2000	4.7		20.0			
Methylcyclohexane	0.5327 0.5788	0.5619 0.5842	0.4312	0.5709	0.5872	Ave		0.5496			0.1000	10.1		20.0			
Ethyl acrylate	0.6568 0.5739	0.6003 0.5940	0.4586	0.5791	0.5779	Ave		0.5772				10.3		20.0			
1,2-Dichloropropane	0.2645 0.2889	0.2809 0.2835	0.2695	0.2988	0.2935	Ave		0.2828			0.1000	4.4		20.0			
t-Amyl ethyl ether	0.3875 0.4405	0.4197 0.4452	0.3957	0.4443	0.4298	Ave		0.4233				5.6		20.0			
Methyl methacrylate	0.2435 0.2854	0.2530 0.2819	0.2560	0.2891	0.2857	Ave		0.2707				7.0		20.0			
1,4-Dioxane	+++++ 0.0894	0.0731 0.0865	0.0845	0.0907	0.0895	Ave		0.0856			0.0050	7.6		20.0			
Dibromomethane	0.1743 0.1831	0.1775 0.1804	0.1718	0.1880	0.1853	Ave		0.1801				3.3		20.0			
Bromodichloromethane	0.2968 0.3387	0.3071 0.3360	0.2959	0.3380	0.3382	Ave		0.3215			0.2000	6.4		20.0			
2-Nitropropane	1.1651 1.3349	1.1473 1.3252	1.1122	1.2683	1.2835	Ave		1.2338				7.3		20.0			
2-Chloroethyl vinyl ether	0.1477 0.1988	0.1613 0.2027	0.1816	0.1929	0.1975	Ave		0.1832				11.5		20.0			
cis-1,3-Dichloropropene	0.3826 0.4553	0.4038 0.4567	0.3979	0.4603	0.4568	Ave		0.4305			0.2000	7.9		20.0			
4-Methyl-2-pentanone (MIBK)	0.4782 0.5249	0.4548 0.5134	0.4899	0.4931	0.5293	Ave		0.4977			0.1000	5.4		20.0			
Toluene	0.8479 0.8772	0.9077 0.8315	0.8365	0.9308	0.9037	Ave		0.8765			0.4000	4.4		20.0			
trans-1,3-Dichloropropene	0.5235 0.5480	0.5082 0.5355	0.5045	0.5478	0.5434	Ave		0.5301			0.1000	3.5		20.0			
Ethyl methacrylate	0.5913 0.6250	0.5983 0.5902	0.6116	0.6698	0.6410	Ave		0.6182				4.8		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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								
1,1,2-Trichloroethane	0.3546 0.3357	0.3439 0.3249	0.3275	0.3546	0.3398	Ave		0.3401			0.1000	3.5		20.0			
Tetrachloroethene	0.3797 0.3591	0.3648 0.3456	0.3273	0.3761	0.3679	Ave		0.3601			0.2000	5.1		20.0			
1,3-Dichloropropane	0.5321 0.5719	0.5353 0.5568	0.5448	0.5922	0.5741	Ave		0.5582				4.0		20.0			
2-Hexanone	0.4973 0.4857	0.4246 0.4589	0.4818	0.4520	0.4861	Ave		0.4695			0.1000	5.4		20.0			
Dibromochloromethane	0.3186 0.3757	0.3343 0.3747	0.3303	0.3654	0.3693	Ave		0.3526				6.8		20.0			
Ethylene Dibromide	0.3323 0.3690	0.3487 0.3588	0.3487	0.3826	0.3752	Ave		0.3593			0.1000	4.9		20.0			
1-Chlorohexane	0.5757 0.4858	0.5209 0.4628	0.4175	0.5193	0.5005	Ave		0.4975				10.0		20.0			
Chlorobenzene	1.0004 1.0040	1.0206 0.9656	0.9600	1.0630	1.0317	Ave		1.0065			0.5000	3.6		20.0			
1,1,1,2-Tetrachloroethane	0.3279 0.3943	0.3673 0.3813	0.3579	0.4007	0.3969	Ave		0.3752				7.0		20.0			
Ethylbenzene	1.7836 1.7769	1.7513 1.6778	1.7007	1.9159	1.8369	Ave		1.7776			0.1000	4.5		20.0			
m&p-Xylene	0.6781 0.7004	0.7109 0.6695	0.6551	0.7527	0.7222	Ave		0.6984			0.1000	4.8		20.0			
n-Butyl acrylate	0.8778 0.8651	0.8680 0.8146	0.7454	0.9180	0.9039	Ave		0.8561				6.9		20.0			
o-Xylene	0.6876 0.7369	0.7253 0.7044	0.7103	0.7881	0.7585	Ave		0.7302			0.3000	4.7		20.0			
Styrene	1.0795 1.1556	1.1384 1.1142	1.1117	1.2289	1.1836	Ave		1.1446			0.3000	4.4		20.0			
Bromoform	0.2145 0.2859	0.2297 0.2890	0.2364	0.2763	0.2798	Ave		0.2588			0.1000	11.9		20.0			
Isopropylbenzene	1.6903 1.7764	1.7954 1.6437	1.6105	1.9195	1.8380	Ave		1.7534			0.1000	6.3		20.0			
1,1,2,2-Tetrachloroethane	1.1137 1.1622	1.0494 1.0654	1.0905	1.2104	1.1804	Ave		1.1246			0.3000	5.4		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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								
Bromobenzene	0.6944 0.7566	0.7462 0.7073	0.6977	0.7922	0.7759	Ave		0.7386				5.3		20.0			
trans-1,4-Dichloro-2-butene	0.2916 0.3337	0.3071 0.3108	0.2972	0.3324	0.3372	Ave		0.3157				5.9		20.0			
1,2,3-Trichloropropane	0.3254 0.3401	0.3285 0.3100	0.3196	0.3664	0.3479	Ave		0.3340				5.7		20.0			
N-Propylbenzene	3.5115 3.8786	3.8087 3.2643	3.3359	4.0954	3.9808	Ave		3.6965				8.8		20.0			
2-Chlorotoluene	0.7600 0.8037	0.7659 0.7354	0.7240	0.8412	0.8195	Ave		0.7785				5.6		20.0			
1,3,5-Trimethylbenzene	2.6883 3.0673	2.9350 2.6973	2.6105	3.1842	3.0964	Ave		2.8970				7.9		20.0			
4-Chlorotoluene	0.6630 0.7784	0.7821 0.7268	0.7237	0.8090	0.7806	Ave		0.7519				6.7		20.0			
tert-Butylbenzene	0.4890 0.6020	0.5491 0.5661	0.4751	0.5977	0.6002	Ave		0.5542				9.6		20.0			
1,2,4-Trimethylbenzene	2.8434 3.1031	3.0344 2.7274	2.7581	3.2585	3.1633	Ave		2.9840				7.0		20.0			
sec-Butylbenzene	3.5355 3.9580	3.7756 3.3151	3.0739	4.1089	4.0348	Ave		3.6860				10.6		20.0			
1,3-Dichlorobenzene	1.5272 1.5277	1.5311 1.4014	1.4384	1.6260	1.5688	Ave		1.5172			0.6000	5.0		20.0			
p-Isopropyltoluene	3.0108 3.4741	3.2840 2.9561	2.7318	3.5633	3.5460	Ave		3.2237				10.2		20.0			
1,4-Dichlorobenzene	1.6649 1.5492	1.6172 1.4247	1.4914	1.6333	1.5687	Ave		1.5642			0.5000	5.4		20.0			
1,2,3-Trimethylbenzene	3.1573 3.3722	3.2198 2.9631	3.0461	3.5018	3.4266	Ave		3.2410				6.2		20.0			
Benzyl chloride	1.9251 2.4280	2.0510 2.2141	2.1949	2.4423	2.4412	Ave		2.2424				9.2		20.0			
1,3-Diethylbenzene	1.8308 2.0074	1.9334 1.7782	1.6255	2.0747	2.0150	Ave		1.8950				8.4		20.0			
1,4-Diethylbenzene	2.0172 2.0911	2.0813 1.8782	1.7023	2.1898	2.1417	Ave		2.0145				8.4		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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-Butylbenzene	1.6619 1.6954	1.6562 1.5094	1.3132	1.7597	1.7199	Ave		1.6165				9.6		20.0			
1,2-Dichlorobenzene	1.6121 1.6305	1.6529 1.4882	1.5595	1.7252	1.6688	Ave		1.6196			0.4000	4.8		20.0			
1,2-Diethylbenzene	1.6465 1.7600	1.6894 1.6049	1.4698	1.8170	1.7836	Ave		1.6816				7.2		20.0			
1,2-Dibromo-3-Chloropropane	0.3506 0.3736	0.3397 0.3422	0.3501	0.3839	0.3737	Ave		0.3591			0.0500	4.9		20.0			
1,3,5-Trichlorobenzene	1.3938 1.3367	1.4116 1.1705	1.1533	1.4346	1.3703	Ave		1.3244				8.7		20.0			
1,2,4-Trichlorobenzene	1.5048 1.3342	1.4730 1.1301	1.2799	1.4558	1.3794	Ave		1.3653			0.2000	9.6		20.0			
2-Ethylhexyl acrylate	1.5995 1.5876	1.4484 1.3178	1.1850	1.5572	1.6232	Ave		1.4741				11.3		20.0			
Hexachlorobutadiene	0.7232 0.5653	0.6322 0.4530	0.4486	0.6082	0.5921	Ave		0.5747				17.0		20.0			
Naphthalene	6.0773 5.1391	5.5221 3.7058	5.2367	5.6918	5.3557	Ave		5.2469				14.3		20.0			
1,2,3-Trichlorobenzene	1.7606 1.3799	1.4927 1.1275	1.3466	1.4989	1.3920	Ave		1.4283				13.4		20.0			
2-Methylnaphthalene	+++++ 3.0809	3.3977 2.1733	3.0627	3.3785	3.1685	Ave		3.0436				14.8		20.0			
Dibromofluoromethane (Surr)	0.2412 0.2344	0.2366 0.2324	0.2384	0.2420	0.2379	Ave		0.2376				1.5		20.0			
1,2-Dichloroethane-d4 (Surr)	0.0605 0.0601	0.0604 0.0600	0.0608	0.0596	0.0612	Ave		0.0604				0.9		20.0			
Toluene-d8 (Surr)	1.3722 1.3277	1.3646 1.2972	1.3691	1.3704	1.3356	Ave		1.3481				2.1		20.0			
4-Bromofluorobenzene (Surr)	0.5148 0.5078	0.5192 0.5226	0.5158	0.5170	0.5124	Ave		0.5157				0.9		20.0			

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

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-664115/12	YU27X18.D
Level 2	IC 410-664115/13	YU27X17.D
Level 3	IC 410-664115/14	YU27X16.D
Level 4	IC 410-664115/15	YU27X15.D
Level 5	ICIS 410-664115/16	YU27X14.D
Level 6	IC 410-664115/17	YU27X13.D
Level 7	IC 410-664115/18	YU27X12.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	7717 1187404	39555 3223297	107978	165778	589084	1.00 100	4.00 300	10.0	20.0	50.0
Chloromethane	FB	Ave	11692 1365015	49443 3772944	131811	242542	671924	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Butadiene	FB	Ave	10553 1287771	45028 3508332	115837	191299	602214	1.00 100	4.00 300	10.0	20.0	50.0
Vinyl chloride	FB	Ave	10342 1321012	45953 3542017	120916	216400	634540	1.00 100	4.00 300	10.0	20.0	50.0
Bromomethane	FB	Ave	7799 874940	32930 2316669	86958	158288	429472	1.00 100	4.00 300	10.0	20.0	50.0
Chloroethane	FB	Ave	5729 621677	23298 1697150	61372	109751	300879	1.00 100	4.00 300	10.0	20.0	50.0
Dichlorofluoromethane	FB	Ave	18453 1900479	70284 5228152	182635	333166	922867	1.00 100	4.00 300	10.0	20.0	50.0
n-Pentane	FB	Ave	10151 1125045	51963 3553417	94172	222482	561754	1.00 100	4.00 300	10.0	20.0	50.0
Trichlorofluoromethane	FB	Ave	10547 1405611	46742 3866517	127491	210823	682652	1.00 100	4.00 300	10.0	20.0	50.0
Freon 123a	FB	Ave	8756 886667	33216 2497858	83209	146676	425373	1.00 100	4.00 300	10.0	20.0	50.0
Acrolein	TBAd10	Ave	19609 2405187	82835 7073796	222694	441882	1146052	9.76 976	39.0 2928	97.6	195	488
1,1-Dichloroethene	FB	Ave	5482 569656	23133 1786472	50382	114181	279773	1.00 100	4.00 300	10.0	20.0	50.0
Acetone	TBAd10	Ave	2293 268891	9359 741052	25301	51835	129128	2.00 200	8.00 600	20.0	40.0	100
Freon 113	FB	Ave	6059 784488	29792 2365251	65013	152786	388169	1.00 100	4.00 300	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC | Job No.: 410-229235-1 | Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 | GC Column: R-624SilMS ID: 0.25(mm) | Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 | Calibration End Date: 06/27/2025 19:12 | Calibration ID: 74168

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
2-Propanol	TBAd10	Ave	13211 936673	51282 2604467	89871	213177	476595	5.00 500	20.0 1500	50.0	100	250
Methyl iodide	FB	Ave	9900 1177165	45484 3585355	103002	238480	572579	1.00 100	4.00 300	10.0	20.0	50.0
Carbon disulfide	FB	Ave	18986 2048983	83011 6659804	184957	419661	1048058	1.00 100	4.00 300	10.0	20.0	50.0
Methyl acetate	FB	Ave	5793 829093	29784 2443087	69221	153017	396553	1.00 100	4.00 300	10.0	20.0	50.0
Allyl chloride	FB	Ave	12460 938778	35955 2805633	85144	189369	467569	1.00 100	4.00 300	10.0	20.0	50.0
Methylene Chloride	FB	Ave	5942 685850	26725 2073506	60033	138400	328641	1.00 100	4.00 300	10.0	20.0	50.0
t-Butyl alcohol	TBAd10	Ave	12081 1204028	48229 3346161	114634	250136	587326	5.00 500	20.0 1500	50.0	100	250
Acrylonitrile	FB	Ave	9619 1089952	40877 3194403	103456	227651	537767	2.50 250	10.0 750	25.0	50.0	125
Methyl tert-butyl ether	FB	Ave	21838 2325323	92282 6758533	221776	481221	1144708	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,2-Dichloroethene	FB	Ave	5488 559540	22698 1664703	52032	117529	281989	1.00 100	4.00 300	10.0	20.0	50.0
n-Hexane	FB	Ave	8893 979056	37895 2827967	67705	195944	499766	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloroethane	FB	Ave	8741 1034426	40925 3040769	96804	218052	527003	1.00 100	4.00 300	10.0	20.0	50.0
Isopropyl ether	FB	Ave	19962 2131236	81949 6388350	200977	434210	1072361	1.00 100	4.00 300	10.0	20.0	50.0
2-Chloro-1,3-butadiene	FB	Ave	7933 923752	36557 2701115	86026	194085	473778	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl t-butyl ether	FB	Ave	20777 2261111	84997 6747576	204454	454192	1123318	1.00 100	4.00 300	10.0	20.0	50.0
2-Butanone (MEK)	FB	Ave	15627 1260386	41712 3656535	111226	226883	600639	2.00 200	8.00 600	20.0	40.0	100
cis-1,2-Dichloroethene	FB	Ave	6339 664730	26023 1936103	62751	140367	334937	1.00 100	4.00 300	10.0	20.0	50.0
2,2-Dichloropropane	FB	Ave	9847 1059892	40543 3196476	91090	210109	522398	1.00 100	4.00 300	10.0	20.0	50.0
Propionitrile	TBAd10	Ave	9320 1084300	37928 3255351	98187	211365	520886	5.00 500	20.0 1500	50.0	100	250

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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 acrylate	FB	Ave	7983 1027266	34749 2995981	76687	203416	516594	1.00 100	4.00 300	10.0	20.0	50.0
Methacrylonitrile	FB	Ave	9038 1117827	41298 3246752	101925	223863	546685	2.50 250	10.0 750	25.0	50.0	125
Bromochloromethane	FB	Ave	2795 338717	12906 993385	31065	70401	167291	1.00 100	4.00 300	10.0	20.0	50.0
Tetrahydrofuran	TBAd10	Ave	8265 912928	34378 2698152	83387	188573	445060	5.00 500	20.0 1500	50.0	100	250
Chloroform	FB	Ave	9706 1014740	40839 2962509	95901	217605	510481	1.00 100	4.00 300	10.0	20.0	50.0
1,1,1-Trichloroethane	FB	Ave	9249 1028788	39884 3178413	91948	210808	510208	1.00 100	4.00 300	10.0	20.0	50.0
Cyclohexane	FB	Ave	11874 1378268	52956 4254245	108648	272073	678187	1.00 100	4.00 300	10.0	20.0	50.0
1,1-Dichloropropene	FB	Ave	7156 864329	33746 2551654	75255	178262	434203	1.00 100	4.00 300	10.0	20.0	50.0
Carbon tetrachloride	FB	Ave	6713 887964	32782 2730068	73684	174592	432450	1.00 100	4.00 300	10.0	20.0	50.0
Isobutyl alcohol	TBAd10	Ave	11628 959853	41230 2800545	89893	193151	466671	12.5 1250	50.0 3750	125	250	625
Benzene	FB	Ave	22952 2575284	101904 7529682	234761	530076	1290005	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloroethane	FB	Ave	8138 823799	32492 2449027	75303	172769	407905	1.00 100	4.00 300	10.0	20.0	50.0
t-Amyl methyl ether	FB	Ave	19881 2219014	81918 6844207	197367	439516	1089326	1.00 100	4.00 300	10.0	20.0	50.0
n-Heptane	FB	Ave	10802 978449	36380 2812006	56727	189951	489238	1.00 100	4.00 300	10.0	20.0	50.0
n-Butanol	TBAd10	Ave	6135 812783	26915 2436929	68899	149568	393759	12.5 1250	50.0 3750	125	250	625
Trichloroethene	FB	Ave	5641 658099	26061 1955004	60836	135877	331389	1.00 100	4.00 300	10.0	20.0	50.0
Methylcyclohexane	FB	Ave	12173 1406498	53405 4333418	101386	273263	698693	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl acrylate	FB	Ave	15013 1395185	57071 4407244	107870	277278	687878	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichloropropane	FB	Ave	6043 702154	26701 2102502	63362	143000	349298	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.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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
t-Amyl ethyl ether	FB	Ave	8855 1070510	39891 3302199	93052	212664	511462	1.00 100	4.00 300	10.0	20.0	50.0
Methyl methacrylate	FB	Ave	5564 693454	24049 2090907	60185	138388	339954	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dioxane	TBAd10	Ave	+++++ 263121	8472 772702	25155	54021	131701	+++++ 1250	50.0 3750	125	250	625
Dibromomethane	FB	Ave	3984 445016	16874 1337735	40397	89961	220507	1.00 100	4.00 300	10.0	20.0	50.0
Bromodichloromethane	FB	Ave	6782 822982	29188 2492047	69577	161764	402455	1.00 100	4.00 300	10.0	20.0	50.0
2-Nitropropane	TBAd10	Ave	13541 1570726	53187 4735192	132380	302069	755551	5.00 500	20.0 1500	50.0	100	250
2-Chloroethyl vinyl ether	FB	Ave	3376 483108	15330 1503573	42707	92332	235052	1.00 100	4.00 300	10.0	20.0	50.0
cis-1,3-Dichloropropene	FB	Ave	8743 1106495	38380 3387781	93557	220320	543603	1.00 100	4.00 300	10.0	20.0	50.0
4-Methyl-2-pentanone (MIBK)	FB	Ave	21853 2550917	86451 7616665	230382	471975	1259766	2.00 200	8.00 600	20.0	40.0	100
Toluene	CBZd5	Ave	14091 1644773	62969 4938336	144248	330946	825080	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,3-Dichloropropene	CBZd5	Ave	8699 1027523	35257 3180757	86995	194787	496113	1.00 100	4.00 300	10.0	20.0	50.0
Ethyl methacrylate	CBZd5	Ave	9827 1171929	41504 3505077	105466	238172	585238	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2-Trichloroethane	CBZd5	Ave	5892 629348	23858 1929538	56473	126096	310198	1.00 100	4.00 300	10.0	20.0	50.0
Tetrachloroethene	CBZd5	Ave	6310 673240	25310 2052588	56434	133732	335890	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichloropropane	CBZd5	Ave	8843 1072406	37139 3306899	93956	210563	524164	1.00 100	4.00 300	10.0	20.0	50.0
2-Hexanone	CBZd5	Ave	16529 1821419	58907 5450489	166157	321408	887637	2.00 200	8.00 600	20.0	40.0	100
Dibromochloromethane	CBZd5	Ave	5295 704471	23190 2225255	56960	129905	337139	1.00 100	4.00 300	10.0	20.0	50.0
Ethylene Dibromide	CBZd5	Ave	5522 691805	24189 2131102	60127	136048	342594	1.00 100	4.00 300	10.0	20.0	50.0
1-Chlorohexane	CBZd5	Ave	9567 910881	36134 2748444	71995	184655	456936	1.00 100	4.00 300	10.0	20.0	50.0
Chlorobenzene	CBZd5	Ave	16625	70801	165555	377952	941931	1.00	4.00	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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
			1882418	5734797				100	300			
1,1,1,2-Tetrachloroethane	CBZd5	Ave	5449 739352	25480 2264460	61712	142462	362327	1.00 100	4.00 300	10.0	20.0	50.0
Ethylbenzene	CBZd5	Ave	29640 3331795	121495 9964900	293280	681210	1677042	1.00 100	4.00 300	10.0	20.0	50.0
m&p-Xylene	CBZd5	Ave	22539 2626381	98637 7952946	225953	535237	1318664	2.00 200	8.00 600	20.0	40.0	100
n-Butyl acrylate	CBZd5	Ave	14581 1621336	60195 4836276	128486	326287	824871	1.000 100.0	4.00 300	10.00	20.0	50.0
o-Xylene	CBZd5	Ave	11427 1381604	50320 4183833	122490	280231	692511	1.00 100	4.00 300	10.0	20.0	50.0
Styrene	CBZd5	Ave	17939 2166734	78976 6617652	191707	436947	1080622	1.00 100	4.00 300	10.0	20.0	50.0
Bromoform	CBZd5	Ave	3565 536034	15936 1716303	40761	98225	255423	1.00 100	4.00 300	10.0	20.0	50.0
Isopropylbenzene	CBZd5	Ave	28089 3330810	124553 9762343	277732	682494	1678072	1.00 100	4.00 300	10.0	20.0	50.0
1,1,2,2-Tetrachloroethane	DCBd4	Ave	11115 1254643	43498 3901606	111838	254153	623341	1.00 100	4.00 300	10.0	20.0	50.0
Bromobenzene	DCBd4	Ave	6930 816735	30930 2590257	71553	166345	409739	1.00 100	4.00 300	10.0	20.0	50.0
trans-1,4-Dichloro-2-butene	DCBd4	Ave	7275 900546	31825 2845182	76192	174508	445143	2.50 250	10.0 750	25.0	50.0	125
1,2,3-Trichloropropane	DCBd4	Ave	3248 367151	13616 1135105	32781	76934	183734	1.00 100	4.00 300	10.0	20.0	50.0
N-Propylbenzene	DCBd4	Ave	35046 4187091	157878 11954574	342113	859933	2102114	1.00 100	4.00 300	10.0	20.0	50.0
2-Chlorotoluene	DCBd4	Ave	7585 867682	31749 2693294	74251	176639	432741	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trimethylbenzene	DCBd4	Ave	26830 3311264	121662 9878024	267724	668598	1635126	1.00 100	4.00 300	10.0	20.0	50.0
4-Chlorotoluene	DCBd4	Ave	6617 840301	32421 2661617	74221	169873	412190	1.00 100	4.00 300	10.0	20.0	50.0
tert-Butylbenzene	DCBd4	Ave	4880 649853	22762 2073285	48721	125492	316959	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trimethylbenzene	DCBd4	Ave	28378 3349903	125781 9988186	282855	684197	1670440	1.00 100	4.00 300	10.0	20.0	50.0
sec-Butylbenzene	DCBd4	Ave	35285 4272902	156506 12140375	315250	862774	2130660	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Dichlorobenzene	DCBd4	Ave	15242	63465	147520	341421	828409	1.00	4.00	10.0	20.0	50.0

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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
			1649183	5132174				100	300			
p-Isopropyltoluene	DCBd4	Ave	30049 3750430	136127 10825727	280167	748199	1872508	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Dichlorobenzene	DCBd4	Ave	16616 1672453	67035 5217560	152947	342955	828374	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trimethylbenzene	DCBd4	Ave	31511 3640477	133466 10851467	312396	735298	1809469	1.00 100	4.00 300	10.0	20.0	50.0
Benzyl chloride	DCBd4	Ave	19213 2621146	85018 8108258	225098	512814	1289100	1.00 100	4.00 300	10.0	20.0	50.0
1,3-Diethylbenzene	DCBd4	Ave	18272 2167059	80143 6512200	166709	435631	1064046	1.00 100	4.00 300	10.0	20.0	50.0
1,4-Diethylbenzene	DCBd4	Ave	20132 2257443	86275 6878106	174586	459814	1130944	1.00 100	4.00 300	10.0	20.0	50.0
n-Butylbenzene	DCBd4	Ave	16586 1830259	68651 5527678	134677	369501	908217	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dichlorobenzene	DCBd4	Ave	16089 1760209	68514 5449968	159934	362255	881244	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Diethylbenzene	DCBd4	Ave	16432 1900040	70028 5877345	150738	381526	941887	1.00 100	4.00 300	10.0	20.0	50.0
1,2-Dibromo-3-Chloropropane	DCBd4	Ave	3499 403355	14080 1253313	35903	80611	197340	1.00 100	4.00 300	10.0	20.0	50.0
1,3,5-Trichlorobenzene	DCBd4	Ave	13910 1443016	58514 4286679	118280	301237	723617	1.00 100	4.00 300	10.0	20.0	50.0
1,2,4-Trichlorobenzene	DCBd4	Ave	15018 1440312	61060 4138494	131264	305685	728421	1.00 100	4.00 300	10.0	20.0	50.0
2-Ethylhexyl acrylate	DCBd4	Ave	15955 1712980	60007 4823325	121464	326810	856732	0.999 99.9	4.00 300	9.99	20.0	50.0
Hexachlorobutadiene	DCBd4	Ave	7218 610292	26206 1658790	46009	127703	312687	1.00 100	4.00 300	10.0	20.0	50.0
Naphthalene	DCBd4	Ave	60653 5547869	228901 13571170	537060	1195144	2828178	1.00 100	4.00 300	10.0	20.0	50.0
1,2,3-Trichlorobenzene	DCBd4	Ave	17571 1489627	61877 4128986	138097	314725	735057	1.00 100	4.00 300	10.0	20.0	50.0
2-Methylnaphthalene	DCBd4	Ave	+++++ 3325979	140839 7958825	314095	709395	1673198	+++++ 100	4.00 300	10.0	20.0	50.0
Dibromofluoromethane (Surr)	FB	Ave	275567 284854	281078 287319	280331	289609	283112	50.0 50.0	50.0 50.0	50.0	50.0	50.0
1,2-Dichloroethane-d4 (Surr)	FB	Ave	69129 73004	71765 74126	71522	71275	72834	50.0 50.0	50.0 50.0	50.0	50.0	50.0
Toluene-d8 (Surr)	CBZd5	Ave	1140197	1183338	1180502	1218160	1219363	50.0	50.0	50.0	50.0	50.0

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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
			1244751	1284088				50.0	50.0			
4-Bromofluorobenzene (Surr)	CBZd5	Ave	427764 476097	450266 517333	444765	459528	467847	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.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 410-664115/12	YU27X18.D
Level 2	IC 410-664115/13	YU27X17.D
Level 3	IC 410-664115/14	YU27X16.D
Level 4	IC 410-664115/15	YU27X15.D
Level 5	ICIS 410-664115/16	YU27X14.D
Level 6	IC 410-664115/17	YU27X13.D
Level 7	IC 410-664115/18	YU27X12.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	-20.6 2.2	-2.2	8.0	-18.6	16.4	14.9	50 30	30	30	30	30	30
Chloromethane	-4.1 -4.6	-2.5	5.1	-5.0	5.8	5.3	50 30	30	30	30	30	30
1,3-Butadiene	-3.1 -0.8	-0.6	3.3	-16.2	6.2	11.2	50 30	30	30	30	30	30
Vinyl chloride	-8.4 -3.3	-2.1	4.1	-8.4	8.0	10.1	50 30	30	30	30	30	30
Bromomethane	-1.3 -9.7	0.2	6.9	-4.4	4.3	4.1	50 30	30	30	30	30	30
Chloroethane	1.8 -7.1	-0.4	6.0	-6.9	2.7	3.9	50 30	30	30	30	30	30
Dichlorofluoromethane	7.0 -6.6	-2.0	2.9	-7.8	2.8	3.6	50 30	30	30	30	30	30
n-Pentane	-4.9 2.5	17.0	-14.3	-0.5	1.0	-0.9	50 30	30	30	30	30	30
Trichlorofluoromethane	-10.5 1.1	-4.6	5.2	-14.6	11.3	12.2	50 30	30	30	30	30	30
Freon 123a	9.4 -3.9	-0.2	1.0	-12.5	2.0	4.2	50 30	30	30	30	30	30
Acrolein	-10.3 5.2	-5.0	-0.6	-1.4	3.5	8.6	50 30	30	30	30	30	30
1,1-Dichloroethene	2.0 2.4	3.5	-8.9	1.4	0.0	-0.3	50 30	30	30	30	30	30
Acetone	-7.0 -2.2	-4.8	0.2	2.6	3.4	7.7	50 30	30	30	30	30	30
Freon 113	-13.4 4.2	2.4	-9.7	4.3	6.6	5.5	50 30	30	30	30	30	30
2-Propanol	27.8 -18.1	24.3	-15.1	0.6	-9.0	-10.5	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Methyl iodide	-8.0 2.6	1.6	-7.0	5.8	2.2	2.8	50 30	30	30	30	30	30
Carbon disulfide	-2.9 4.9	2.1	-8.1	2.5	2.9	-1.5	50 30	30	30	30	30	30
Methyl acetate	-18.8 5.5	0.4	-5.7	2.4	6.8	9.3	50 30	30	30	30	30	30
Allyl chloride	34.5 -6.7	-6.7	-10.7	-2.4	-3.1	-4.7	50 30	30	30	30	30	30
Methylene Chloride	-5.4 1.7	2.3	-7.1	5.2	0.5	2.7	50 30	30	30	30	30	30
t-Butyl alcohol	3.2 -7.0	3.3	-4.4	4.3	-0.9	1.6	50 30	30	30	30	30	30
Acrylonitrile	-4.9 -2.7	-2.8	-0.6	7.5	2.1	1.4	50 30	30	30	30	30	30
Methyl tert-butyl ether	-0.2 -4.9	1.4	-1.5	5.0	0.4	-0.1	50 30	30	30	30	30	30
trans-1,2-Dichloroethene	2.7 -4.1	2.1	-5.4	5.0	1.3	-1.6	50 30	30	30	30	30	30
n-Hexane	1.3 -0.8	3.8	-25.1	6.6	9.3	4.9	50 30	30	30	30	30	30
1,1-Dichloroethane	-9.5 -3.0	1.9	-2.6	7.8	4.8	0.7	50 30	30	30	30	30	30
Isopropyl ether	-0.4 -1.8	-1.7	-2.5	3.5	2.8	0.0	50 30	30	30	30	30	30
2-Chloro-1,3-butadiene	-8.1 -3.6	1.8	-3.2	7.3	5.3	0.6	50 30	30	30	30	30	30
Ethyl t-butyl ether	-0.6 -0.6	-2.3	-5.0	3.7	3.1	1.7	50 30	30	30	30	30	30
2-Butanone (MEK)	33.5 -3.8	-14.3	-7.7	-7.5	-1.5	1.2	50 30	30	30	30	30	30
cis-1,2-Dichloroethene	0.7 -5.2	-0.6	-3.1	6.5	2.2	-0.7	50 30	30	30	30	30	30
2,2-Dichloropropane	0.9 0.9	-0.1	-9.3	2.8	2.8	2.1	50 30	30	30	30	30	30
Propionitrile	-7.2 5.4	-5.3	-4.6	2.7	2.4	6.6	50 30	30	30	30	30	30
Methyl acrylate	-10.3 3.7	-6.1	-16.3	9.1	11.4	8.5	50 30	30	30	30	30	30
Methacrylonitrile	-10.4 -0.8	-1.5	-1.7	6.0	4.1	4.3	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Bromochloromethane	-10.0 -1.4	-0.1	-2.8	8.2	3.5	2.6	50 30	30	30	30	30	30
Tetrahydrofuran	-4.9 1.0	-0.8	-6.3	5.9	1.2	3.8	50 30	30	30	30	30	30
Chloroform	0.3 -5.6	1.5	-3.6	7.4	1.4	-1.3	50 30	30	30	30	30	30
1,1,1-Trichloroethane	-3.5 2.1	0.0	-6.8	5.0	2.2	0.9	50 30	30	30	30	30	30
Cyclohexane	-4.7 5.2	2.2	-15.3	4.2	4.5	4.0	50 30	30	30	30	30	30
1,1-Dichloropropene	-9.6 -0.7	2.5	-7.6	7.5	5.3	2.7	50 30	30	30	30	30	30
Carbon tetrachloride	-14.8 6.7	0.0	-9.1	5.8	5.4	6.0	50 30	30	30	30	30	30
Isobutyl alcohol	19.7 -6.2	6.5	-9.6	-2.9	-5.1	-2.4	50 30	30	30	30	30	30
Benzene	-4.2 -3.2	2.2	-4.8	5.6	3.4	1.0	50 30	30	30	30	30	30
1,2-Dichloroethane	4.3 -3.3	0.1	-6.2	5.7	0.3	-0.8	50 30	30	30	30	30	30
t-Amyl methyl ether	-2.4 3.5	-3.3	-5.9	3.0	2.7	2.4	50 30	30	30	30	30	30
n-Heptane	23.2 -1.2	-0.3	-37.1 *	3.4	7.1	4.9	50 30	30	30	30	30	30
n-Butanol	-15.2 9.6	-6.7	-7.0	0.9	7.5	11.0	50 30	30	30	30	30	30
Trichloroethene	-7.9 -1.7	2.3	-3.5	5.9	3.9	1.0	50 30	30	30	30	30	30
Methylcyclohexane	-3.1 6.3	2.2	-21.5	3.9	6.8	5.3	50 30	30	30	30	30	30
Ethyl acrylate	13.8 2.9	4.0	-20.5	0.3	0.1	-0.6	50 30	30	30	30	30	30
1,2-Dichloropropane	-6.5 0.2	-0.7	-4.7	5.6	3.8	2.2	50 30	30	30	30	30	30
t-Amyl ethyl ether	-8.4 5.2	-0.8	-6.5	5.0	1.5	4.1	50 30	30	30	30	30	30
Methyl methacrylate	-10.0 4.2	-6.5	-5.4	6.8	5.6	5.4	50 30	30	30	30	30	30
1,4-Dioxane	+++++ 1.0	-14.6	-1.3	5.9	4.5	4.5	30	50	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

ANALYTE	PERCENT ERROR						PERCENT ERROR LIMIT					
	LVL 1 # LVL 7 #	LVL 2 #	LVL 3 #	LVL 4 #	LVL 5 #	LVL 6 #	LVL 1 LVL 7	LVL 2	LVL 3	LVL 4	LVL 5	LVL 6
Dibromomethane	-3.2 0.2	-1.4	-4.6	4.4	2.9	1.7	50 30	30	30	30	30	30
Bromodichloromethane	-7.7 4.5	-4.5	-8.0	5.1	5.2	5.3	50 30	30	30	30	30	30
2-Nitropropane	-5.6 7.4	-7.0	-9.9	2.8	4.0	8.2	50 30	30	30	30	30	30
2-Chloroethyl vinyl ether	-19.4 10.6	-12.0	-0.9	5.3	7.8	8.5	50 30	30	30	30	30	30
cis-1,3-Dichloropropene	-11.1 6.1	-6.2	-7.6	6.9	6.1	5.8	50 30	30	30	30	30	30
4-Methyl-2-pentanone (MIBK)	-3.9 3.2	-8.6	-1.6	-0.9	6.4	5.5	50 30	30	30	30	30	30
Toluene	-3.3 -5.1	3.6	-4.6	6.2	3.1	0.1	50 30	30	30	30	30	30
trans-1,3-Dichloropropene	-1.3 1.0	-4.1	-4.8	3.3	2.5	3.4	50 30	30	30	30	30	30
Ethyl methacrylate	-4.3 -4.5	-3.2	-1.1	8.4	3.7	1.1	50 30	30	30	30	30	30
1,1,2-Trichloroethane	4.2 -4.5	1.1	-3.7	4.3	-0.1	-1.3	50 30	30	30	30	30	30
Tetrachloroethene	5.5 -4.0	1.3	-9.1	4.5	2.2	-0.3	50 30	30	30	30	30	30
1,3-Dichloropropane	-4.7 -0.3	-4.1	-2.4	6.1	2.9	2.5	50 30	30	30	30	30	30
2-Hexanone	5.9 -2.3	-9.6	2.6	-3.7	3.5	3.5	50 30	30	30	30	30	30
Dibromochloromethane	-9.6 6.3	-5.2	-6.3	3.6	4.7	6.6	50 30	30	30	30	30	30
Ethylene Dibromide	-7.5 -0.1	-3.0	-3.0	6.5	4.4	2.7	50 30	30	30	30	30	30
1-Chlorohexane	15.7 -7.0	4.7	-16.1	4.4	0.6	-2.3	50 30	30	30	30	30	30
Chlorobenzene	-0.6 -4.1	1.4	-4.6	5.6	2.5	-0.2	50 30	30	30	30	30	30
1,1,1,2-Tetrachloroethane	-12.6 1.6	-2.1	-4.6	6.8	5.8	5.1	50 30	30	30	30	30	30
Ethylbenzene	0.3 -5.6	-1.5	-4.3	7.8	3.3	0.0	50 30	30	30	30	30	30
m&p-Xylene	-2.9 -4.1	1.8	-6.2	7.8	3.4	0.3	50 30	30	30	30	30	30

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

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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-Butyl acrylate	2.5 -4.8	1.4	-12.9	7.2	5.6	1.0	50 30	30	30	30	30	30
o-Xylene	-5.8 -3.5	-0.7	-2.7	7.9	3.9	0.9	50 30	30	30	30	30	30
Styrene	-5.7 -2.7	-0.5	-2.9	7.4	3.4	1.0	50 30	30	30	30	30	30
Bromoform	-17.1 11.7	-11.2	-8.7	6.8	8.1	10.5	50 30	30	30	30	30	30
Isopropylbenzene	-3.6 -6.3	2.4	-8.1	9.5	4.8	1.3	50 30	30	30	30	30	30
1,1,2,2-Tetrachloroethane	-1.0 -5.3	-6.7	-3.0	7.6	5.0	3.3	50 30	30	30	30	30	30
Bromobenzene	-6.0 -4.2	1.0	-5.5	7.3	5.1	2.4	50 30	30	30	30	30	30
trans-1,4-Dichloro-2-butene	-7.6 -1.6	-2.7	-5.9	5.3	6.8	5.7	50 30	30	30	30	30	30
1,2,3-Trichloropropane	-2.6 -7.2	-1.7	-4.3	9.7	4.2	1.8	50 30	30	30	30	30	30
N-Propylbenzene	-5.0 -11.7	3.0	-9.8	10.8	7.7	4.9	50 30	30	30	30	30	30
2-Chlorotoluene	-2.4 -5.5	-1.6	-7.0	8.1	5.3	3.2	50 30	30	30	30	30	30
1,3,5-Trimethylbenzene	-7.2 -6.9	1.3	-9.9	9.9	6.9	5.9	50 30	30	30	30	30	30
4-Chlorotoluene	-11.8 -3.3	4.0	-3.8	7.6	3.8	3.5	50 30	30	30	30	30	30
tert-Butylbenzene	-11.8 2.2	-0.9	-14.3	7.8	8.3	8.6	50 30	30	30	30	30	30
1,2,4-Trimethylbenzene	-4.7 -8.6	1.7	-7.6	9.2	6.0	4.0	50 30	30	30	30	30	30
sec-Butylbenzene	-4.1 -10.1	2.4	-16.6	11.5	9.5	7.4	50 30	30	30	30	30	30
1,3-Dichlorobenzene	0.7 -7.6	0.9	-5.2	7.2	3.4	0.7	50 30	30	30	30	30	30
p-Isopropyltoluene	-6.6 -8.3	1.9	-15.3	10.5	10.0	7.8	50 30	30	30	30	30	30
1,4-Dichlorobenzene	6.4 -8.9	3.4	-4.7	4.4	0.3	-1.0	50 30	30	30	30	30	30
1,2,3-Trimethylbenzene	-2.6 -8.6	-0.7	-6.0	8.0	5.7	4.0	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.: 410-229235-1 Analy Batch No.: 664115

SDG No.:

Instrument ID: 9355 GC Column: R-624SilMS 3 ID: 0.25(mm) Heated Purge: (Y/N) N

Calibration Start Date: 06/27/2025 16:57 Calibration End Date: 06/27/2025 19:12 Calibration ID: 74168

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
Benzyl chloride	-14.1 -1.3	-8.5	-2.1	8.9	8.9	8.3	50 30	30	30	30	30	30
1,3-Diethylbenzene	-3.4 -6.2	2.0	-14.2	9.5	6.3	5.9	50 30	30	30	30	30	30
1,4-Diethylbenzene	0.1 -6.8	3.3	-15.5	8.7	6.3	3.8	50 30	30	30	30	30	30
n-Butylbenzene	2.8 -6.6	2.5	-18.8	8.9	6.4	4.9	50 30	30	30	30	30	30
1,2-Dichlorobenzene	-0.5 -8.1	2.1	-3.7	6.5	3.0	0.7	50 30	30	30	30	30	30
1,2-Diethylbenzene	-2.1 -4.6	0.5	-12.6	8.1	6.1	4.7	50 30	30	30	30	30	30
1,2-Dibromo-3-Chloropropane	-2.4 -4.7	-5.4	-2.5	6.9	4.1	4.0	50 30	30	30	30	30	30
1,3,5-Trichlorobenzene	5.2 -11.6	6.6	-12.9	8.3	3.5	0.9	50 30	30	30	30	30	30
1,2,4-Trichlorobenzene	10.2 -17.2	7.9	-6.3	6.6	1.0	-2.3	50 30	30	30	30	30	30
2-Ethylhexyl acrylate	8.5 -10.6	-1.7	-19.6	5.6	10.1	7.7	50 30	30	30	30	30	30
Hexachlorobutadiene	25.9 -21.2	10.0	-21.9	5.8	3.0	-1.6	50 30	30	30	30	30	30
Naphthalene	15.8 -29.4	5.2	-0.2	8.5	2.1	-2.1	50 30	30	30	30	30	30
1,2,3-Trichlorobenzene	23.3 -21.1	4.5	-5.7	4.9	-2.5	-3.4	50 30	30	30	30	30	30
2-Methylnaphthalene	+++++ -28.6	11.6	0.6	11.0	4.1	1.2	30	50	30	30	30	30
Dibromofluoromethane (Surr)	1.5 -2.2	-0.4	0.4	1.9	0.1	-1.3	50 30	30	30	30	30	30
1,2-Dichloroethane-d4 (Surr)	0.2 -0.7	0.1	0.8	-1.3	1.4	-0.5	50 30	30	30	30	30	30
Toluene-d8 (Surr)	1.8 -3.8	1.2	1.6	1.7	-0.9	-1.5	50 30	30	30	30	30	30
4-Bromofluorobenzene (Surr)	-0.2 1.3	0.7	0.0	0.2	-0.6	-1.5	50 30	30	30	30	30	30

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Lims ID: IC v1
Client ID:
Sample Type: IC Calib Level: 1
Inject. Date: 27-Jun-2025 19:12:30 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-018
Misc. Info.: IC V300
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:25:27 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 19:52:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.795	1.816	-0.021	95	7717	1.00	0.7939	
6 Chloromethane	50	1.981	1.988	-0.007	97	11692	1.00	0.9591	
8 Butadiene	39	2.081	2.081	0.000	91	10553	1.00	0.9688	M
7 Vinyl chloride	62	2.088	2.088	0.000	95	10342	1.00	0.9165	
10 Bromomethane	94	2.403	2.403	0.000	92	7799	1.00	0.9866	
11 Chloroethane	64	2.445	2.445	0.000	88	5729	1.00	1.02	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	96	18453	1.00	1.07	
13 Pentane	43	2.760	2.746	0.014	97	10151	1.00	0.9508	M
14 Trichlorofluoromethane	101	2.753	2.767	-0.014	52	10547	1.00	0.8951	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	2.996	3.017	-0.021	78	8756	1.00	1.09	
18 Acrolein	56	3.082	3.082	0.000	98	19609	9.76	8.75	
19 1,1-Dichloroethene	96	3.218	3.218	0.000	93	5482	1.00	1.02	
20 Acetone	58	3.225	3.232	-0.007	99	2293	2.00	1.86	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.253	3.261	-0.008	84	6059	1.00	0.8664	
22 Isopropyl alcohol	45	3.368	3.368	0.000	79	13211	5.00	6.39	M
23 Iodomethane	142	3.396	3.404	-0.008	97	9900	1.00	0.9198	
24 Carbon disulfide	76	3.511	3.511	0.000	95	18986	1.00	0.9710	M
26 Methyl acetate	43	3.618	3.611	0.007	62	5793	1.00	0.8122	
27 3-Chloro-1-propene	41	3.640	3.640	0.000	94	12460	1.00	1.34	
29 Methylene Chloride	84	3.811	3.811	0.000	35	5942	1.00	0.9462	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.818	-0.007	36	581115	250.0	250.0	
30 2-Methyl-2-propanol	59	3.947	3.926	0.021	29	12081	5.00	5.16	
31 Acrylonitrile	53	4.133	4.090	0.043	96	9619	2.50	2.38	
32 Methyl tert-butyl ether	73	4.183	4.190	-0.007	94	21838	1.00	1.00	
33 trans-1,2-Dichloroethene	96	4.197	4.204	-0.007	86	5488	1.00	1.03	
35 Hexane	57	4.648	4.633	0.015	92	8893	1.00	1.01	
37 1,1-Dichloroethane	63	4.862	4.855	0.007	90	8741	1.00	0.9049	
38 Isopropyl ether	45	4.919	4.919	0.000	95	19962	1.00	1.00	
39 2-Chloro-1,3-butadiene	53	4.984	4.969	0.015	92	7933	1.00	0.9186	
41 Tert-butyl ethyl ether	59	5.477	5.470	0.007	96	20777	1.00	0.99	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.706	5.670	0.036	57	15627	2.00	2.67	M
43 cis-1,2-Dichloroethene	96	5.713	5.699	0.014	77	6339	1.00	1.01	
44 2,2-Dichloropropane	77	5.713	5.727	-0.014	58	9847	1.00	1.01	
45 Propionitrile	54	5.777	5.742	0.035	88	9320	5.00	4.64	
47 Methyl acrylate	55	5.870	5.813	0.057	2	7983	1.00	0.8970	M
48 Methacrylonitrile	67	5.999	5.963	0.036	67	9038	2.50	2.24	
50 Chlorobromomethane	128	6.056	6.042	0.014	80	2795	1.00	0.9001	
51 Tetrahydrofuran	71	6.071	6.063	0.008	93	8265	5.00	4.76	
S 49 1,2-Dichloroethene, Total	100				0			2.03	
53 Chloroform	83	6.199	6.199	0.000	91	9706	1.00	1.00	
$ 54 Dibromofluoromethane (Surr)	113	6.414	6.421	-0.007	93	275567	50.0	50.8	
55 1,1,1-Trichloroethane	97	6.442	6.435	0.007	36	9249	1.00	0.9648	
56 Cyclohexane	56	6.557	6.550	0.007	90	11874	1.00	0.9527	
57 1,1-Dichloropropene	75	6.664	6.657	0.007	91	7156	1.00	0.9039	
58 Carbon tetrachloride	117	6.650	6.664	-0.014	89	6713	1.00	0.8520	
59 Isobutyl alcohol	41	6.807	6.800	0.007	45	11628	12.5	15.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	69129	50.0	50.1	
61 Benzene	78	6.922	6.922	0.000	95	22952	1.00	0.9577	
62 1,2-Dichloroethane	62	7.007	6.993	0.014	82	8138	1.00	1.04	
64 Tert-amyl methyl ether	73	7.115	7.122	-0.007	99	19881	1.00	0.9759	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1142543	50.0	50.0	
66 n-Heptane	43	7.358	7.365	-0.007	90	10802	1.00	1.23	
67 n-Butanol	56	7.751	7.701	0.050	22	6135	12.5	10.6	
69 Trichloroethene	95	7.844	7.830	0.014	96	5641	1.00	0.9208	
71 Methylcyclohexane	83	8.151	8.151	0.000	90	12173	1.00	0.9693	
70 Ethyl acrylate	55	8.166	8.151	0.015	76	15013	1.00	1.14	
72 1,2-Dichloropropane	63	8.173	8.166	0.007	69	6043	1.00	0.9351	
73 2-ethoxy-2-methyl butane	87	8.173	8.180	-0.007	92	8855	1.00	0.9155	
74 Methyl methacrylate	69	8.266	8.251	0.015	85	5564	1.00	0.8996	
75 1,4-Dioxane	88	8.280	8.259	0.021	33	419	12.5	2.10	
76 Dibromomethane	93	8.287	8.280	0.007	96	3984	1.00	0.9683	
78 Dichlorobromomethane	83	8.509	8.516	-0.007	95	6782	1.00	0.9231	M
79 2-Nitropropane	41	8.766	8.759	0.007	95	13541	5.00	4.72	
80 2-Chloroethyl vinyl ether	63	8.909	8.888	0.021	84	3376	1.00	0.8063	
81 cis-1,3-Dichloropropene	75	9.095	9.081	0.014	96	8743	1.00	0.8887	
82 4-Methyl-2-pentanone (MIBK)	43	9.267	9.260	0.007	95	21853	2.00	1.92	
$ 83 Toluene-d8 (Surr)	98	9.410	9.417	-0.007	93	1140197	50.0	50.9	
95 Toluene	92	9.503	9.496	0.007	97	14091	1.00	0.9674	
96 trans-1,3-Dichloropropene	75	9.782	9.767	0.015	91	8699	1.00	0.9874	
97 Ethyl methacrylate	69	9.853	9.839	0.014	89	9827	1.00	0.9566	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	87	5892	1.00	1.04	
S 112 1,3-Dichloropropene, Total	100				0			1.88	
114 Tetrachloroethene	166	10.082	10.082	0.000	94	6310	1.00	1.05	
115 1,3-Dichloropropane	76	10.153	10.146	0.007	88	8843	1.00	0.9533	
117 2-Hexanone	43	10.211	10.196	0.015	97	16529	2.00	2.12	
119 Chlorodibromomethane	129	10.375	10.375	0.000	89	5295	1.00	0.9036	
120 Ethylene Dibromide	107	10.497	10.489	0.008	95	5522	1.00	0.9247	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	830912	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	95	9567	1.00	1.16	
132 Chlorobenzene	112	10.961	10.961	0.000	95	16625	1.00	0.99	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	87	5449	1.00	0.8740	
135 Ethylbenzene	91	11.054	11.054	0.000	98	29640	1.00	1.00	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	22539	2.00	1.94	
S 136 Xylenes, Total	106				0			2.88	
138 n-Butyl acrylate	55	11.476	11.462	0.014	95	14581	1.00	1.02	
139 o-Xylene	106	11.512	11.505	0.007	96	11427	1.00	0.9417	
140 Styrene	104	11.533	11.526	0.007	95	17939	1.00	0.9431	
141 Bromoform	173	11.684	11.684	0.000	91	3565	1.00	0.8290	
142 Isopropylbenzene	105	11.819	11.819	0.000	95	28089	1.00	0.9640	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	427764	50.0	49.9	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	93	11115	1.00	0.99	
149 Bromobenzene	156	12.077	12.077	0.000	93	6930	1.00	0.9401	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.084	0.007	93	7275	2.50	2.31	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	3248	1.00	0.9744	
151 N-Propylbenzene	91	12.156	12.148	0.008	98	35046	1.00	0.9500	
152 2-Chlorotoluene	126	12.227	12.227	0.000	98	7585	1.00	0.9762	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	26830	1.00	0.9280	
154 4-Chlorotoluene	126	12.327	12.320	0.007	97	6617	1.00	0.8817	
156 tert-Butylbenzene	134	12.534	12.534	0.000	92	4880	1.00	0.8824	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	28378	1.00	0.9529	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	35285	1.00	0.9592	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	15242	1.00	1.01	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	30049	1.00	0.9340	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	499013	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.871	0.008	94	16616	1.00	1.06	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	96	31511	1.00	0.9742	
168 Benzyl chloride	91	12.949	12.942	0.007	98	19213	1.00	0.8585	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	96	18272	1.00	0.9661	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	20132	1.00	1.00	
171 n-Butylbenzene	92	13.106	13.106	0.000	97	16586	1.00	1.03	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	96	16089	1.00	1.00	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	16432	1.00	0.9791	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.671	0.007	79	3499	1.00	0.9763	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	95	13910	1.00	1.05	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	15018	1.00	1.10	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	81	15955	1.00	1.08	
180 Hexachlorobutadiene	225	14.315	14.322	-0.007	96	7218	1.00	1.26	
181 Naphthalene	128	14.415	14.408	0.007	97	60653	1.00	1.16	
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	96	17571	1.00	1.23	
183 2-Methylnaphthalene	142	15.166	15.159	0.007	91	46486	1.00	1.53	
S 235 Total Diethylbenzene	1				0			2.95	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_4ppb_00013	Amount Added: 12.50	Units: mL	
MSV_HP20_ISSS_00151	Amount Added: 1.00	Units: uL	Run Reagent

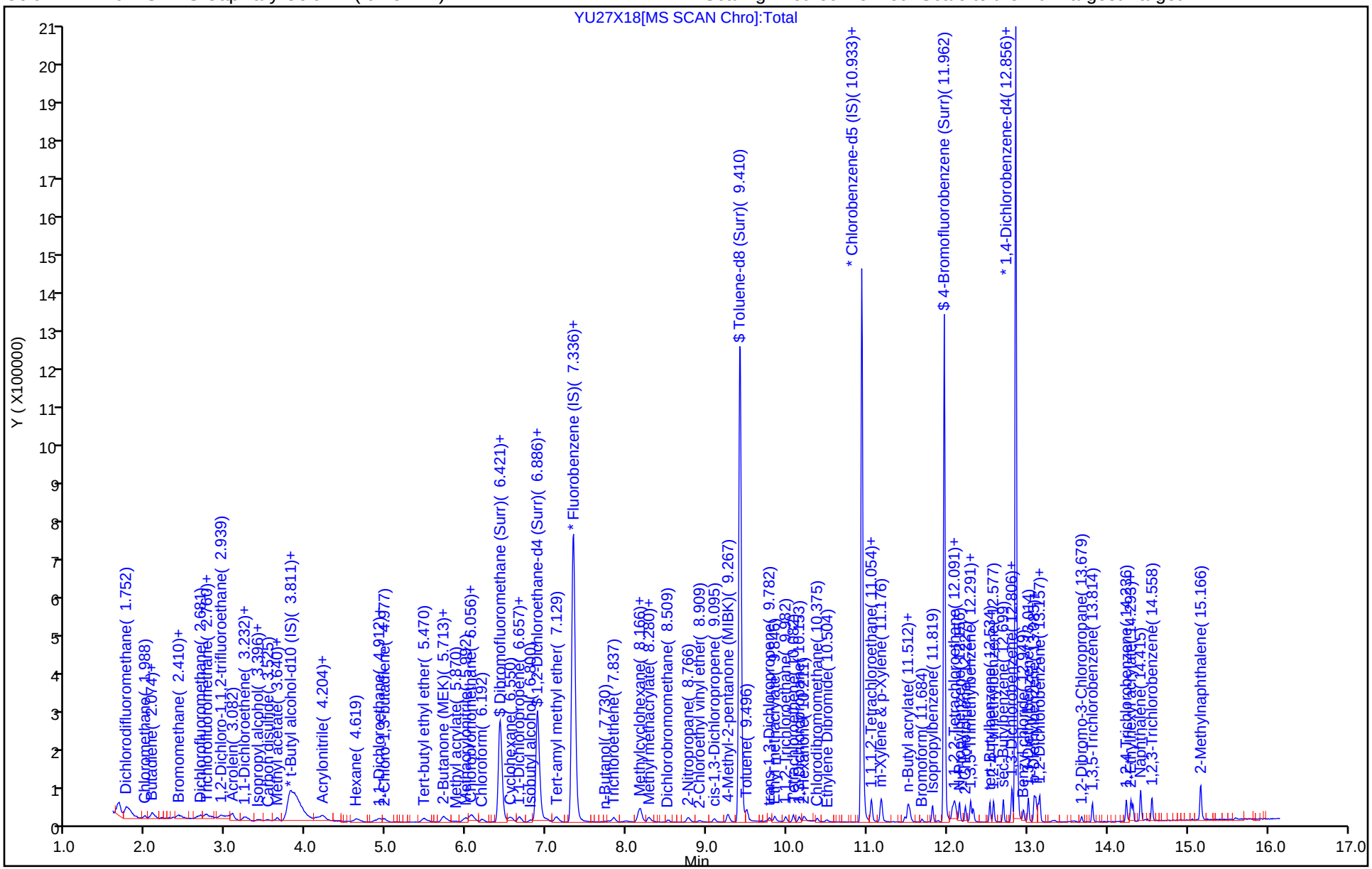
Report Date: 30-Jun-2025 14:25:27 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Injection Date:	27-Jun-2025 19:12:30	Instrument ID:	9355	Operator ID:	kas02648
Lims ID:	IC v1			Worklist Smp#:	12
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	18
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

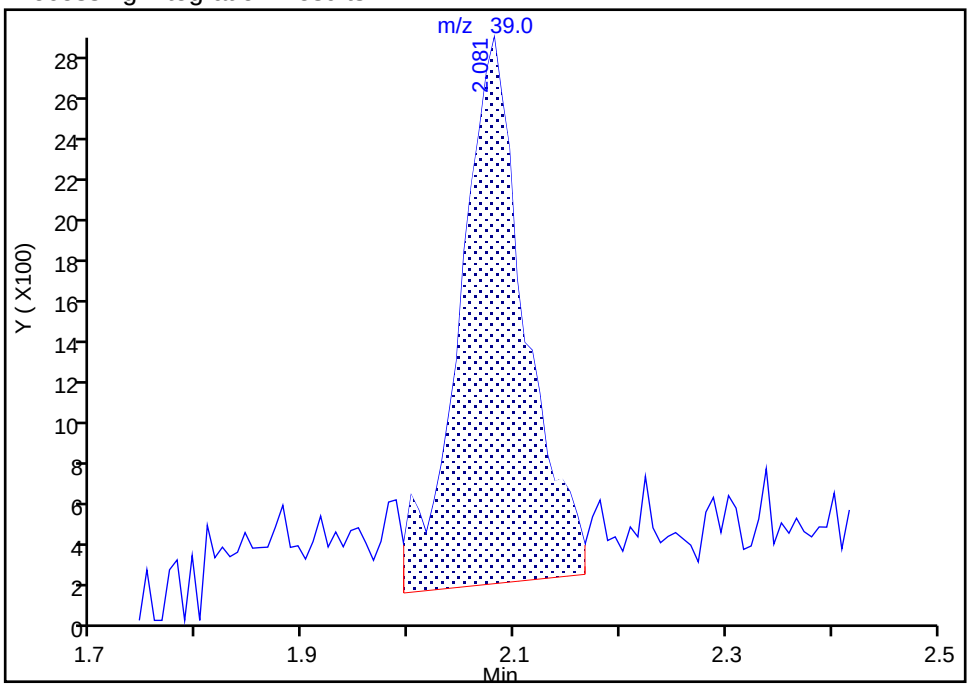
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D				
Injection Date:	27-Jun-2025 19:12:30	Instrument ID:	9355		
Lims ID:	IC v1				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	18	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

8 Butadiene, CAS: 106-99-0

Signal: 1

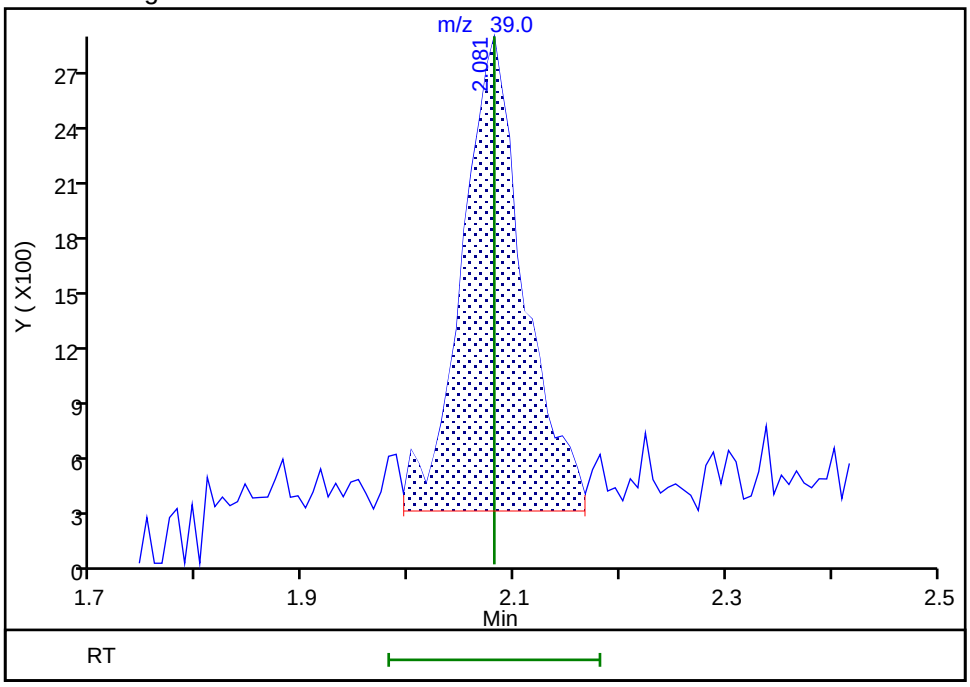
Processing Integration Results

RT: 2.08
Area: 11722
Amount: 1.059846
Amount Units: ug/l



Manual Integration Results

RT: 2.08
Area: 10553
Amount: 0.968778
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:45:30 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

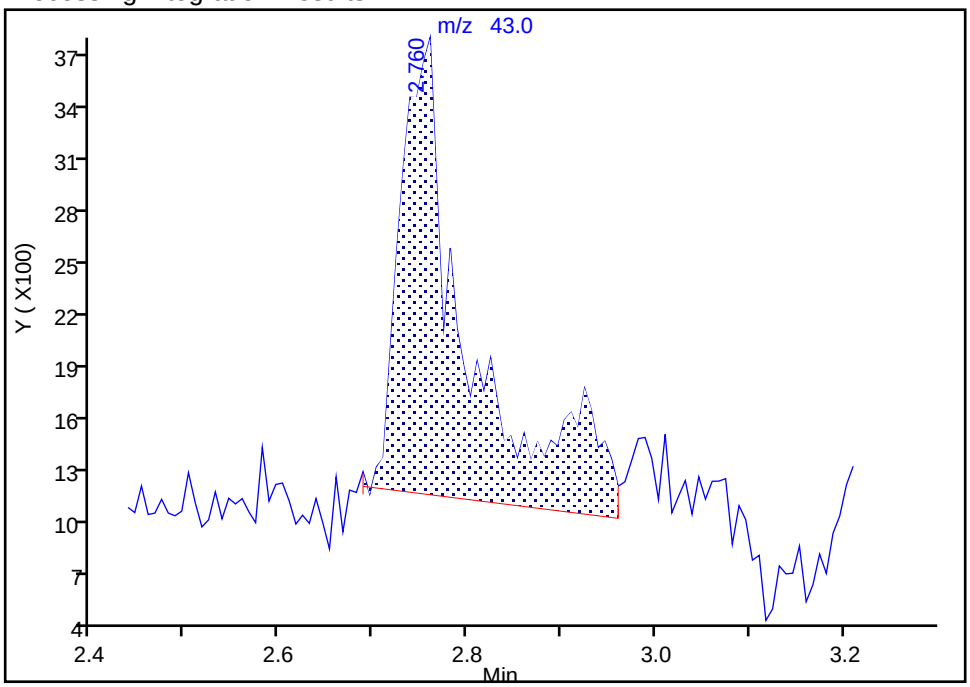
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

13 Pentane, CAS: 109-66-0

Signal: 1

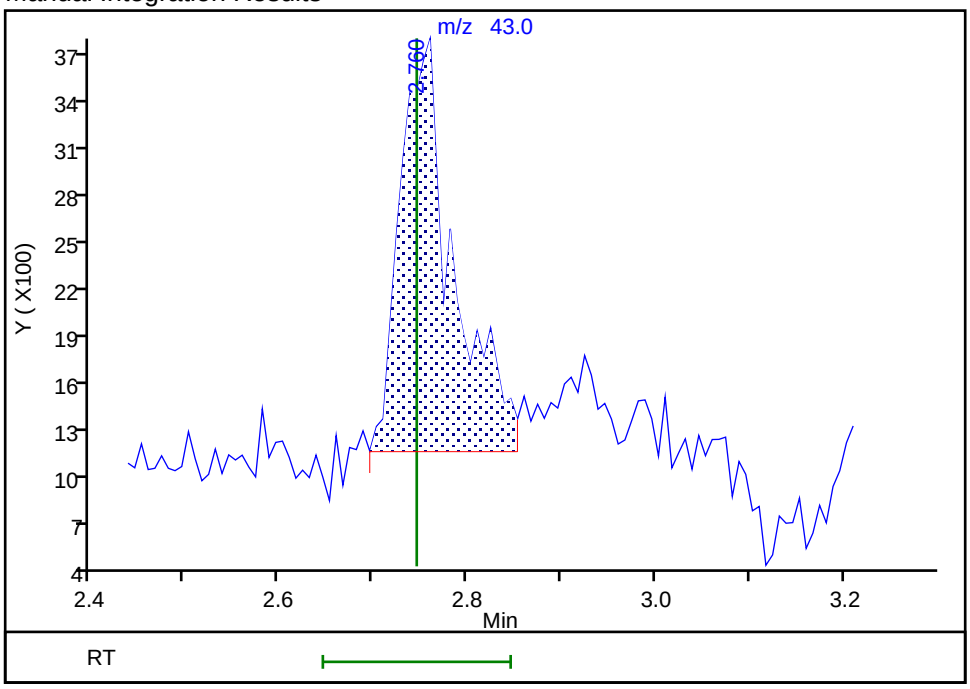
Processing Integration Results

RT: 2.76
Area: 13029
Amount: 1.175143
Amount Units: ug/l



Manual Integration Results

RT: 2.76
Area: 10151
Amount: 0.950823
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:46:04 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

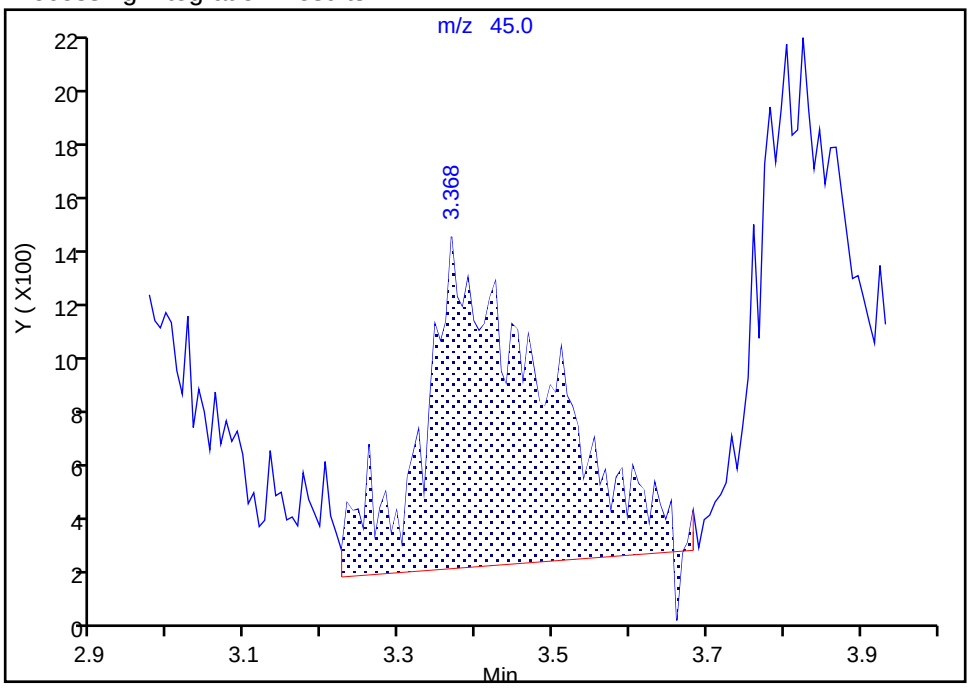
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D				
Injection Date:	27-Jun-2025 19:12:30	Instrument ID:	9355		
Lims ID:	IC v1				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	18	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

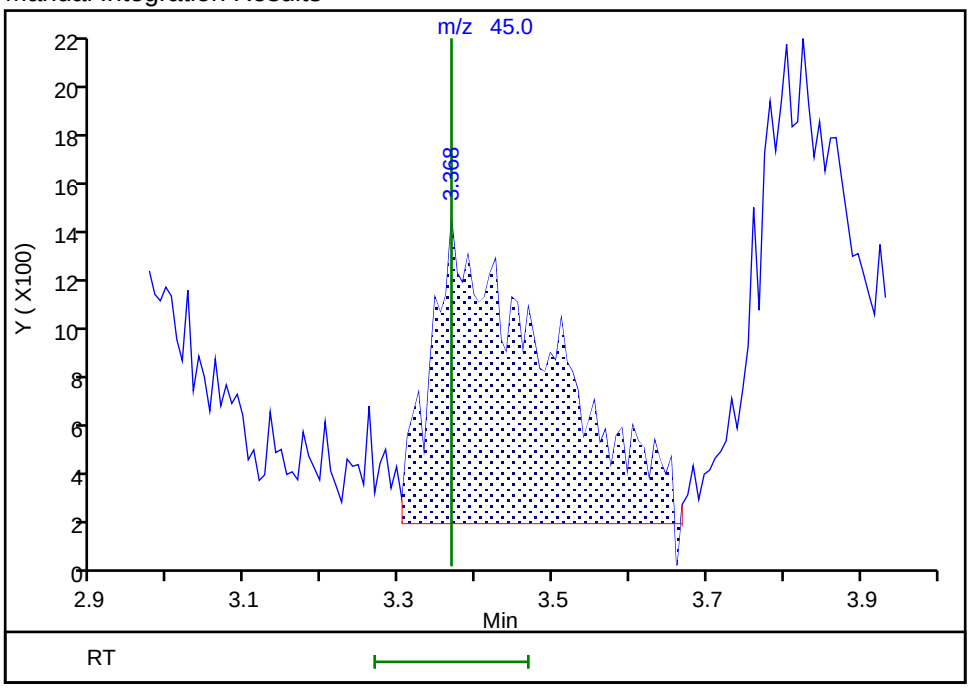
Processing Integration Results

RT: 3.37
Area: 13451
Amount: 6.482882
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 13211
Amount: 6.388323
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:46:37 -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

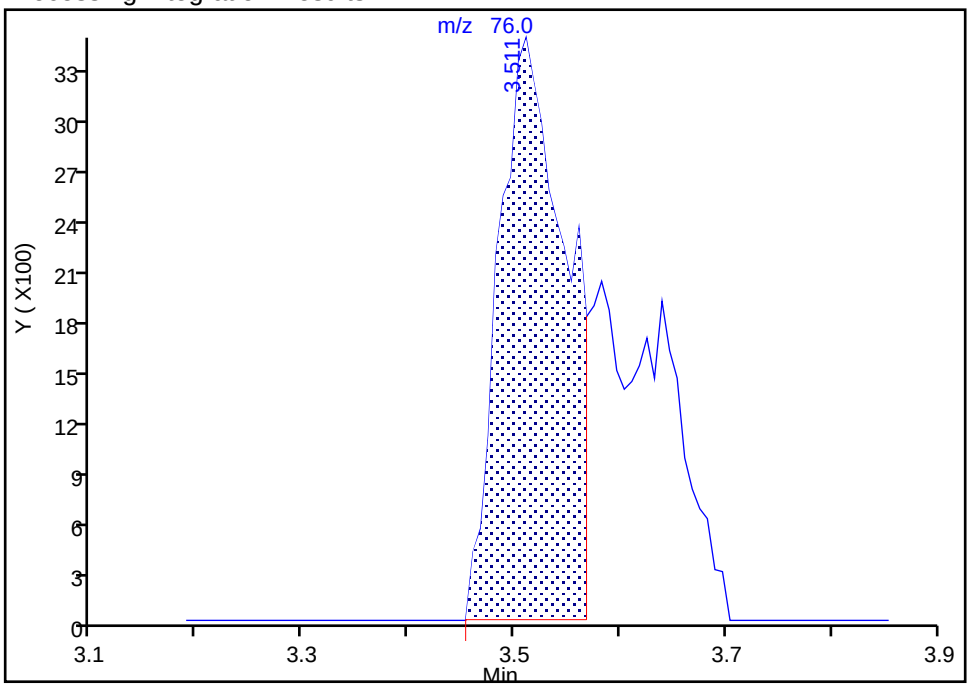
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D				
Injection Date:	27-Jun-2025 19:12:30	Instrument ID:	9355		
Lims ID:	IC v1				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	18	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

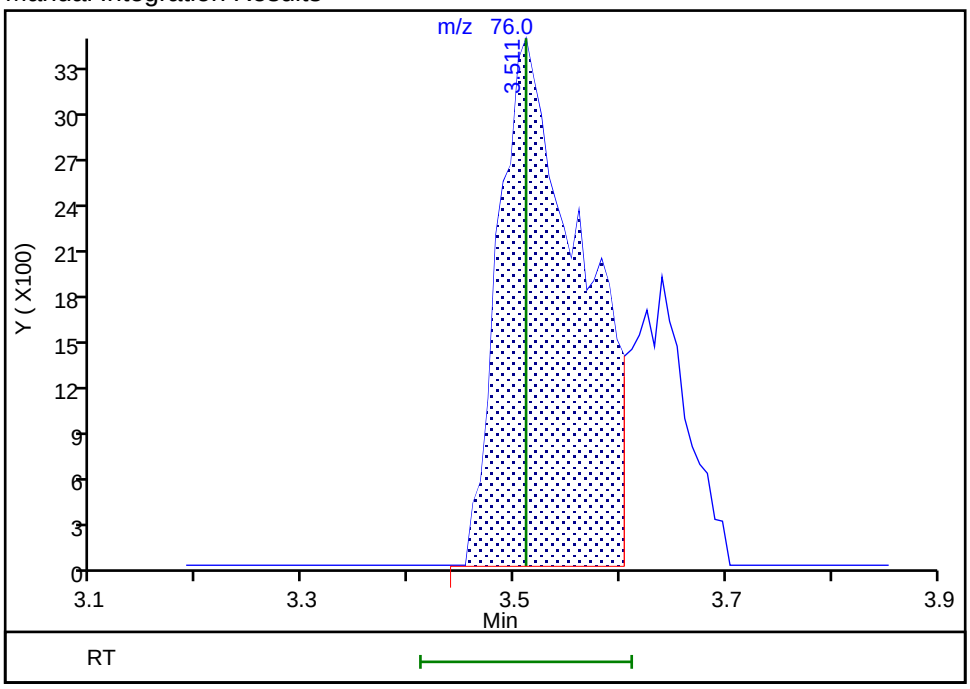
Processing Integration Results

RT: 3.51
Area: 15298
Amount: 0.804086
Amount Units: ug/l



Manual Integration Results

RT: 3.51
Area: 18986
Amount: 0.971042
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:52:55 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

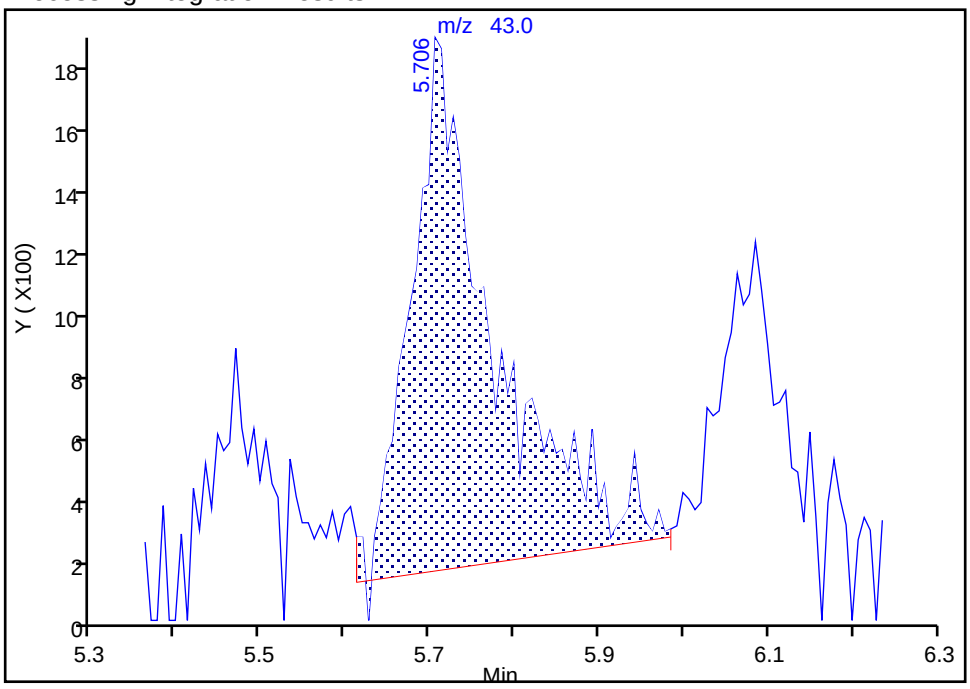
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D
Injection Date: 27-Jun-2025 19:12:30 Instrument ID: 9355
Lims ID: IC v1
Client ID:
Operator ID: kas02648 ALS Bottle#: 18 Worklist Smp#: 12
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

42 2-Butanone (MEK), CAS: 78-93-3

Signal: 1

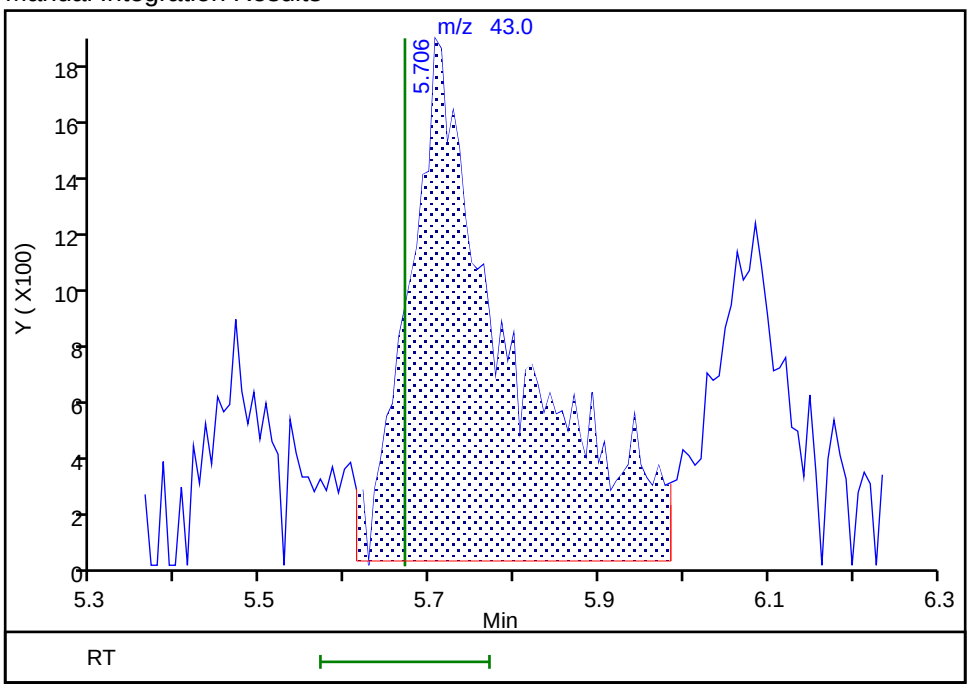
Processing Integration Results

RT: 5.71
Area: 11637
Amount: 2.089816
Amount Units: ug/l



Manual Integration Results

RT: 5.71
Area: 15627
Amount: 2.669715
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:47:04 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

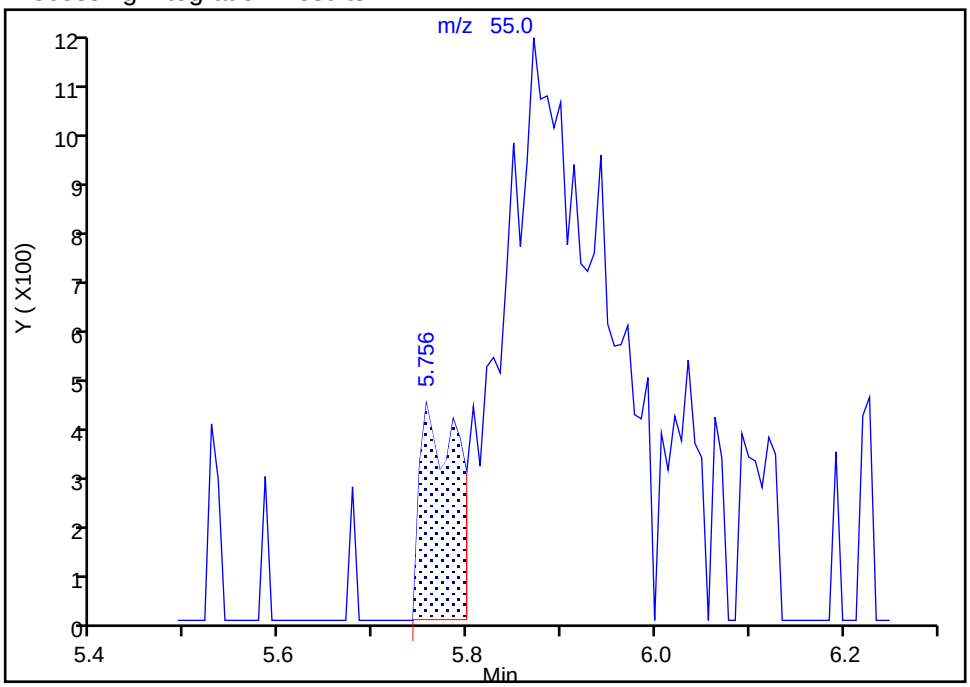
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D				
Injection Date:	27-Jun-2025 19:12:30	Instrument ID:	9355		
Lims ID:	IC v1				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	18	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

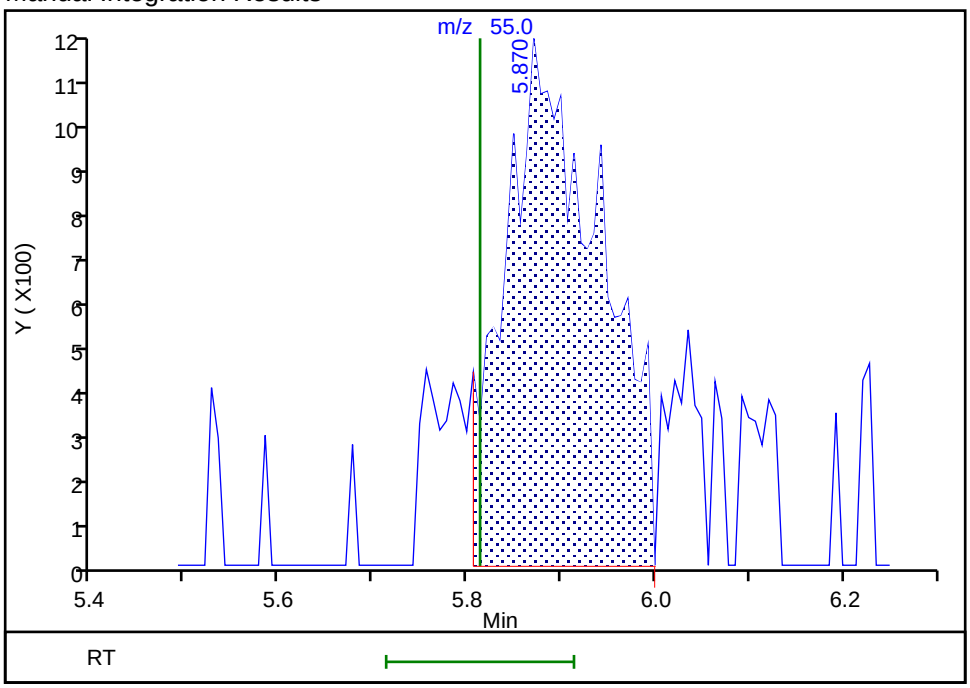
Processing Integration Results

RT: 5.76
Area: 1163
Amount: 0.989891
Amount Units: ug/l



Manual Integration Results

RT: 5.87
Area: 7983
Amount: 0.896961
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:47:40 -04:00:00 (UTC)

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

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

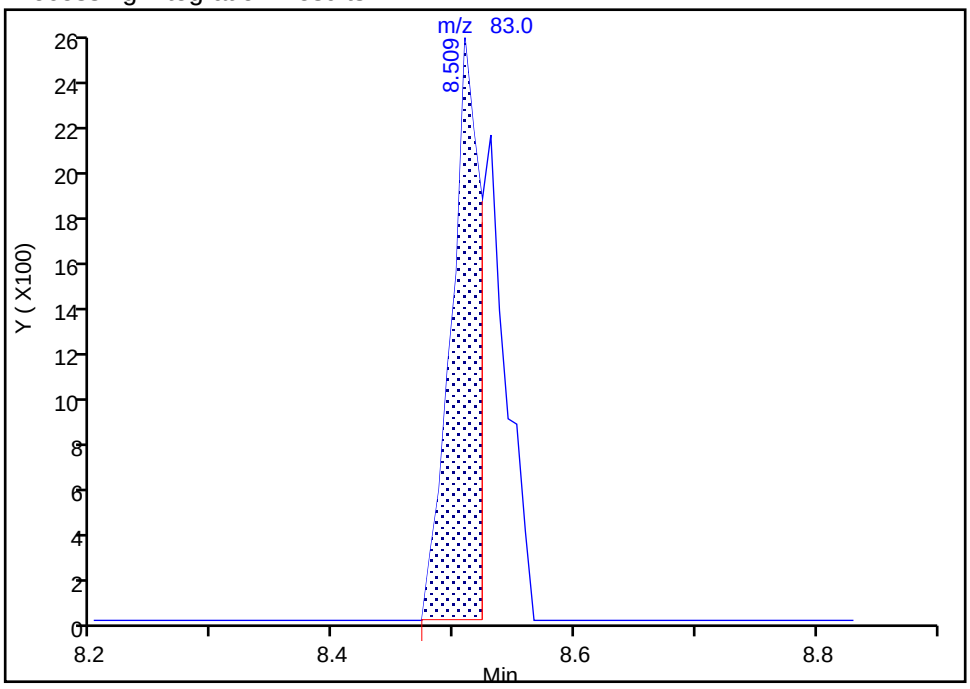
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D				
Injection Date:	27-Jun-2025 19:12:30	Instrument ID:	9355		
Lims ID:	IC v1				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	18	Worklist Smp#:	12
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

78 Dichlorobromomethane, CAS: 75-27-4

Signal: 1

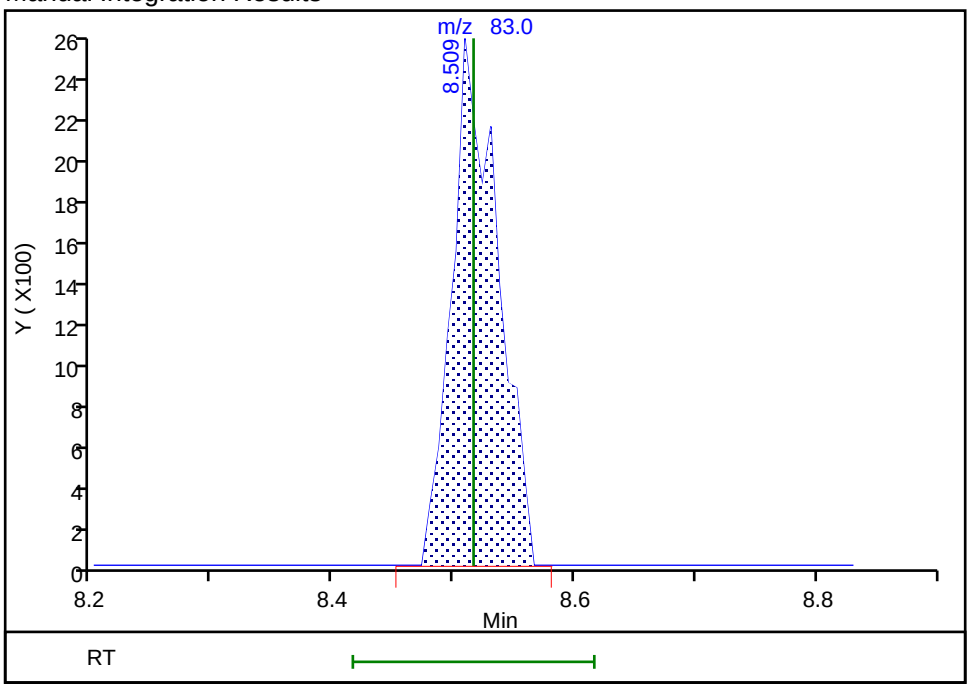
Processing Integration Results

RT: 8.51
Area: 4352
Amount: 0.621727
Amount Units: ug/l



Manual Integration Results

RT: 8.51
Area: 6782
Amount: 0.923097
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:47:55 -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\9355\20250627-151826.b\YU27X17.D
Lims ID: IC v4
Client ID:
Sample Type: IC Calib Level: 2
Inject. Date: 27-Jun-2025 18:50:30 ALS Bottle#: 17 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-017
Misc. Info.: IC V100
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:25:42 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 19:34:55

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.809	1.816	-0.007	97	39555	4.00	3.91	
6 Chloromethane	50	1.988	1.988	0.000	99	49443	4.00	3.90	
8 Butadiene	39	2.081	2.081	0.000	91	45028	4.00	3.98	
7 Vinyl chloride	62	2.095	2.088	0.007	97	45953	4.00	3.92	
10 Bromomethane	94	2.410	2.403	0.007	90	32930	4.00	4.01	
11 Chloroethane	64	2.460	2.445	0.015	96	23298	4.00	3.98	
12 Dichlorofluoromethane	67	2.688	2.681	0.007	97	70284	4.00	3.92	
13 Pentane	43	2.746	2.746	0.000	97	51963	4.00	4.68	
14 Trichlorofluoromethane	101	2.774	2.767	0.007	91	46742	4.00	3.82	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.025	3.017	0.007	91	33216	4.00	3.99	
18 Acrolein	56	3.089	3.082	0.007	98	82835	39.0	37.1	
19 1,1-Dichloroethene	96	3.232	3.218	0.014	97	23133	4.00	4.14	
20 Acetone	58	3.239	3.232	0.007	87	9359	8.00	7.61	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.260	3.261	-0.001	93	29792	4.00	4.10	
22 Isopropyl alcohol	45	3.375	3.368	0.007	32	51282	20.0	24.9	M
23 Iodomethane	142	3.418	3.404	0.014	97	45484	4.00	4.06	
24 Carbon disulfide	76	3.518	3.511	0.007	99	83011	4.00	4.08	
26 Methyl acetate	43	3.625	3.611	0.014	98	29784	4.00	4.02	
27 3-Chloro-1-propene	41	3.647	3.640	0.007	92	35955	4.00	3.73	
29 Methylene Chloride	84	3.818	3.811	0.007	90	26725	4.00	4.09	
* 28 t-Butyl alcohol-d10 (IS)	65	3.804	3.818	-0.014	86	579470	250.0	250.0	
30 2-Methyl-2-propanol	59	3.940	3.926	0.014	98	48229	20.0	20.7	M
31 Acrylonitrile	53	4.111	4.090	0.021	98	40877	10.0	9.72	
32 Methyl tert-butyl ether	73	4.183	4.190	-0.007	96	92282	4.00	4.05	
33 trans-1,2-Dichloroethene	96	4.211	4.204	0.007	98	22698	4.00	4.08	
35 Hexane	57	4.633	4.633	0.000	94	37895	4.00	4.15	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	40925	4.00	4.07	
38 Isopropyl ether	45	4.926	4.919	0.007	93	81949	4.00	3.93	
39 2-Chloro-1,3-butadiene	53	4.977	4.969	0.008	90	36557	4.00	4.07	
41 Tert-butyl ethyl ether	59	5.484	5.470	0.014	99	84997	4.00	3.91	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.692	5.670	0.022	98	41712	8.00	6.85	
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	83	26023	4.00	3.98	
44 2,2-Dichloropropane	77	5.713	5.727	-0.014	69	40543	4.00	3.99	
45 Propionitrile	54	5.756	5.742	0.014	95	37928	20.0	18.9	
47 Methyl acrylate	55	5.849	5.813	0.036	98	34749	4.00	3.75	
48 Methacrylonitrile	67	5.978	5.963	0.015	91	41298	10.0	9.85	
50 Chlorobromomethane	128	6.056	6.042	0.014	95	12906	4.00	4.00	
51 Tetrahydrofuran	71	6.071	6.063	0.007	93	34378	20.0	19.8	
S 49 1,2-Dichloroethene, Total	100				0			8.06	
53 Chloroform	83	6.199	6.199	0.000	93	40839	4.00	4.06	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	281078	50.0	49.8	
55 1,1,1-Trichloroethane	97	6.442	6.435	0.007	95	39884	4.00	4.00	
56 Cyclohexane	56	6.550	6.550	0.000	91	52956	4.00	4.09	
57 1,1-Dichloropropene	75	6.664	6.657	0.007	95	33746	4.00	4.10	
58 Carbon tetrachloride	117	6.664	6.664	0.000	85	32782	4.00	4.00	
59 Isobutyl alcohol	41	6.793	6.800	-0.007	93	41230	50.0	53.2	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	98	71765	50.0	50.0	
61 Benzene	78	6.921	6.922	-0.001	92	101904	4.00	4.09	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	32492	4.00	4.00	
64 Tert-amyl methyl ether	73	7.129	7.122	0.007	99	81918	4.00	3.87	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1188043	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	94	36380	4.00	3.99	
67 n-Butanol	56	7.722	7.701	0.021	84	26915	50.0	46.6	
69 Trichloroethene	95	7.844	7.830	0.014	98	26061	4.00	4.09	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	53405	4.00	4.09	
70 Ethyl acrylate	55	8.151	8.151	0.000	82	57071	4.00	4.16	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	90	26701	4.00	3.97	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	92	39891	4.00	3.97	
74 Methyl methacrylate	69	8.273	8.251	0.022	90	24049	4.00	3.74	
75 1,4-Dioxane	88	8.266	8.259	0.007	33	8472	50.0	42.7	
76 Dibromomethane	93	8.287	8.280	0.007	95	16874	4.00	3.94	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	29188	4.00	3.82	
79 2-Nitropropane	41	8.766	8.759	0.007	97	53187	20.0	18.6	
80 2-Chloroethyl vinyl ether	63	8.909	8.888	0.021	94	15330	4.00	3.52	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	38380	4.00	3.75	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	86451	8.00	7.31	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1183338	50.0	50.6	
95 Toluene	92	9.495	9.496	-0.001	98	62969	4.00	4.14	
96 trans-1,3-Dichloropropene	75	9.774	9.767	0.007	92	35257	4.00	3.83	
97 Ethyl methacrylate	69	9.846	9.839	0.007	91	41504	4.00	3.87	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	23858	4.00	4.04	
S 112 1,3-Dichloropropene, Total	100				0			7.59	
114 Tetrachloroethene	166	10.082	10.082	0.000	94	25310	4.00	4.05	
115 1,3-Dichloropropane	76	10.153	10.146	0.007	91	37139	4.00	3.84	
117 2-Hexanone	43	10.203	10.196	0.007	97	58907	8.00	7.23	
119 Chlorodibromomethane	129	10.382	10.375	0.007	91	23190	4.00	3.79	
120 Ethylene Dibromide	107	10.497	10.489	0.007	97	24189	4.00	3.88	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	867178	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	96	36134	4.00	4.19	
132 Chlorobenzene	112	10.961	10.961	0.000	95	70801	4.00	4.06	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	94	25480	4.00	3.92	
135 Ethylbenzene	91	11.054	11.054	0.000	98	121495	4.00	3.94	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	98637	8.00	8.14	
S 136 Xylenes, Total	106				0			12.1	
138 n-Butyl acrylate	55	11.469	11.462	0.007	96	60195	4.00	4.05	
139 o-Xylene	106	11.512	11.505	0.007	96	50320	4.00	3.97	
140 Styrene	104	11.526	11.526	0.000	93	78976	4.00	3.98	
141 Bromoform	173	11.683	11.684	-0.001	95	15936	4.00	3.55	
142 Isopropylbenzene	105	11.819	11.819	0.000	95	124553	4.00	4.10	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	87	450266	50.0	50.3	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	95	43498	4.00	3.73	
149 Bromobenzene	156	12.077	12.077	0.000	97	30930	4.00	4.04	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.084	0.007	92	31825	10.0	9.73	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	83	13616	4.00	3.93	
151 N-Propylbenzene	91	12.155	12.148	0.007	99	157878	4.00	4.12	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	31749	4.00	3.94	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	121662	4.00	4.05	
154 4-Chlorotoluene	126	12.320	12.320	0.000	98	32421	4.00	4.16	
156 tert-Butylbenzene	134	12.534	12.534	0.000	92	22762	4.00	3.96	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	125781	4.00	4.07	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	156506	4.00	4.10	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	63465	4.00	4.04	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	136127	4.00	4.07	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	518147	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.871	0.008	95	67035	4.00	4.14	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	133466	4.00	3.97	
168 Benzyl chloride	91	12.949	12.942	0.007	98	85018	4.00	3.66	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	95	80143	4.00	4.08	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	86275	4.00	4.13	
171 n-Butylbenzene	92	13.106	13.106	0.000	96	68651	4.00	4.10	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	98	68514	4.00	4.08	
173 o-diethylbenzene	119	13.156	13.157	-0.001	95	70028	4.00	4.02	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.671	0.007	85	14080	4.00	3.78	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	98	58514	4.00	4.26	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	61060	4.00	4.32	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	60007	4.00	3.93	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	97	26206	4.00	4.40	
181 Naphthalene	128	14.415	14.408	0.007	97	228901	4.00	4.21	
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	96	61877	4.00	4.18	
183 2-Methylnaphthalene	142	15.166	15.159	0.007	92	140839	4.00	4.47	
S 235 Total Diethylbenzene	1				0			12.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	4.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added:	2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	4.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:25:42 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X17.D

Injection Date: 27-Jun-2025 18:50:30 Instrument ID: 9355 Operator ID: kas02648

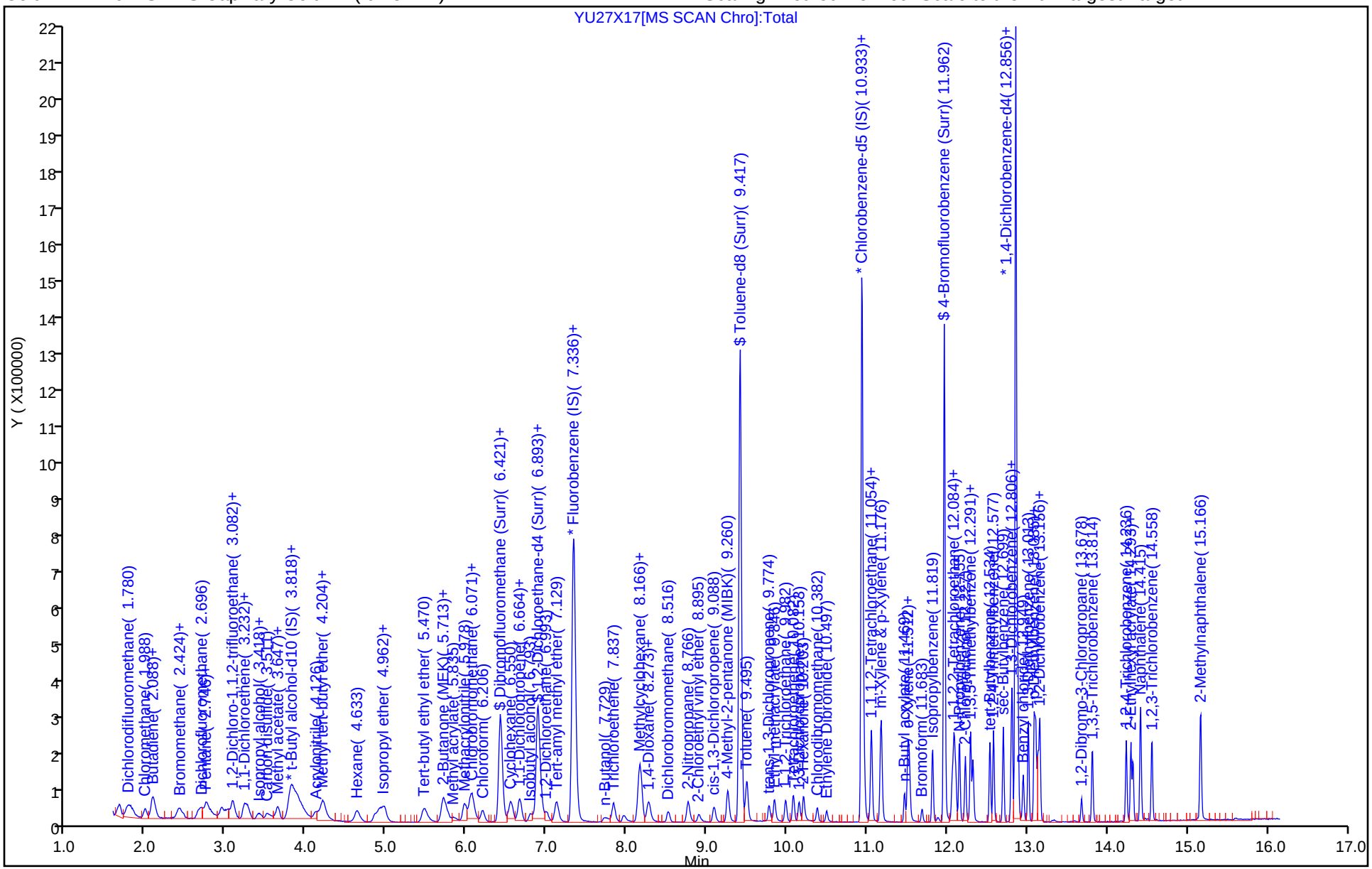
Lims ID: IC v4 Worklist Smp#: 13

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 17

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

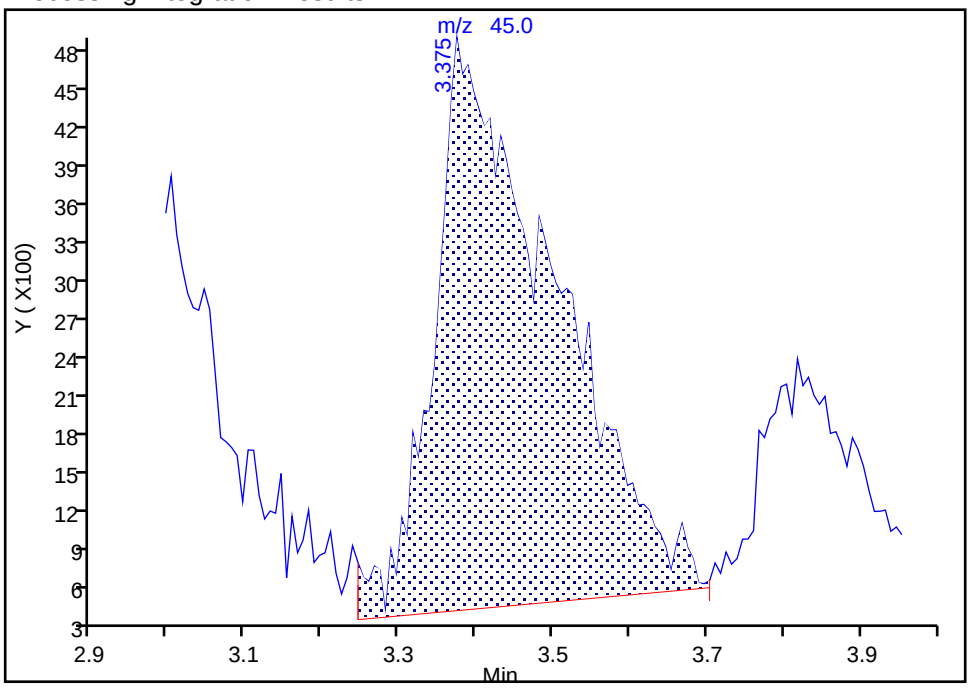
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X17.D
Injection Date: 27-Jun-2025 18:50:30 Instrument ID: 9355
Lims ID: IC v4
Client ID:
Operator ID: kas02648 ALS Bottle#: 17 Worklist Smp#: 13
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

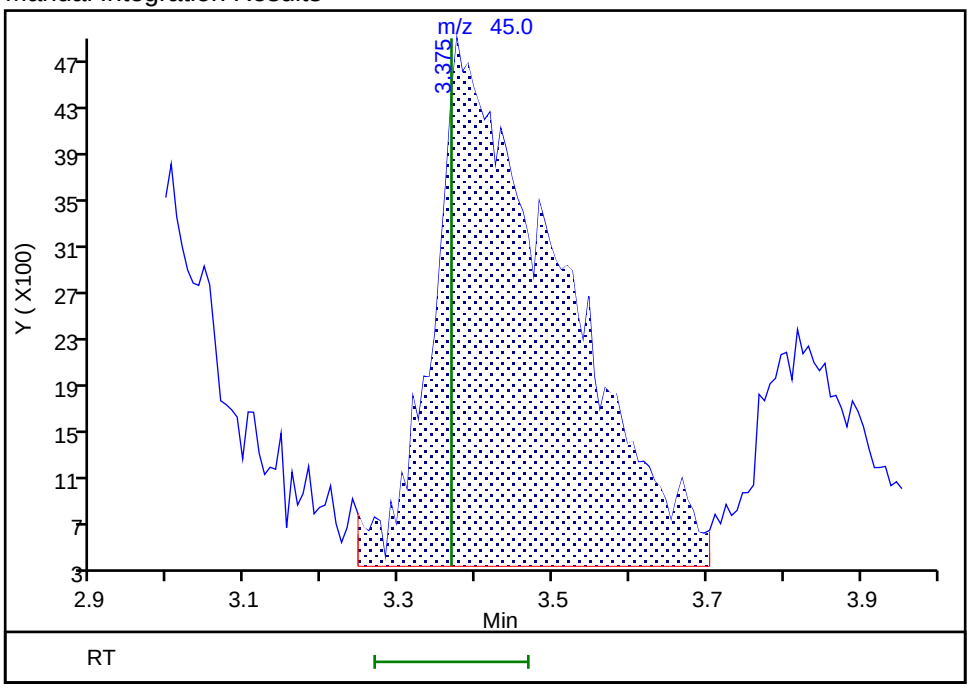
Processing Integration Results

RT: 3.37
Area: 48047
Amount: 24.769699
Amount Units: ug/l



Manual Integration Results

RT: 3.37
Area: 51282
Amount: 24.868367
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:24:11 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

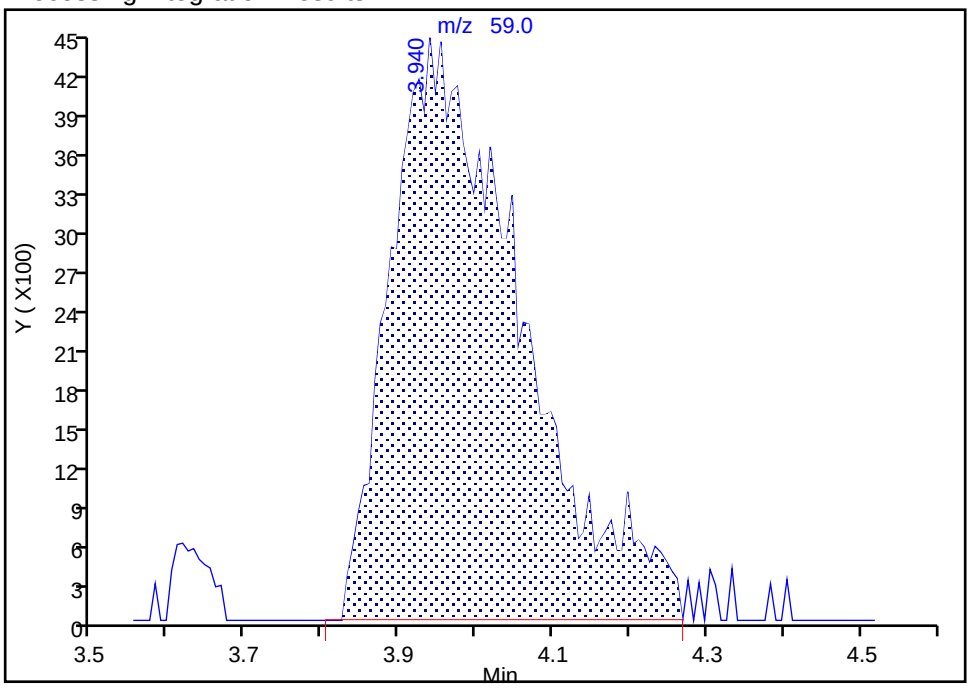
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X17.D				
Injection Date:	27-Jun-2025 18:50:30	Instrument ID:	9355		
Lims ID:	IC v4				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	17	Worklist Smp#:	13
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

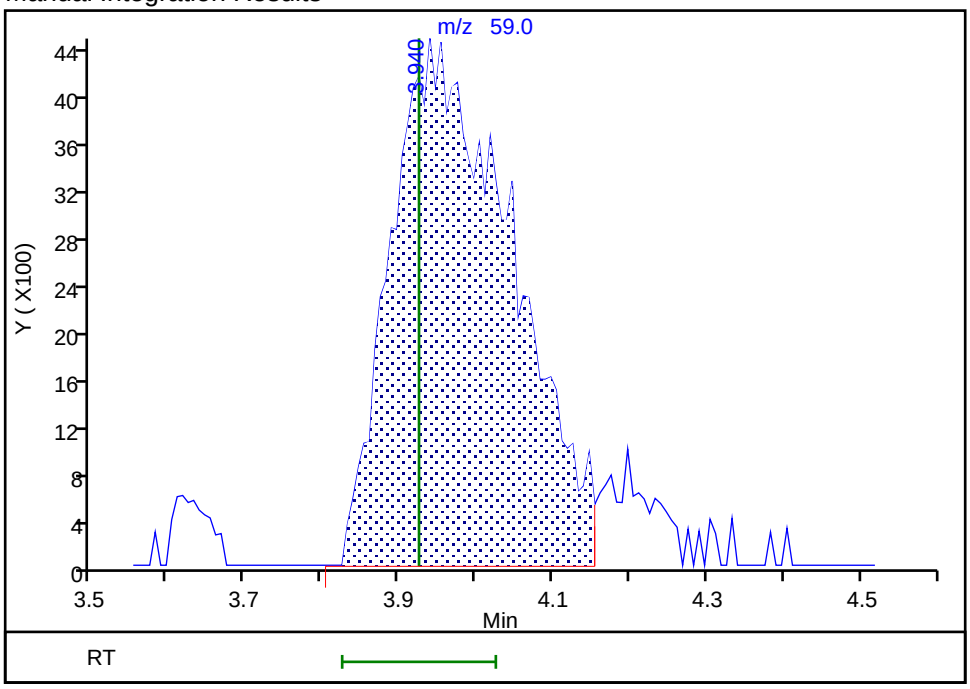
Processing Integration Results

RT: 3.94
Area: 51859
Amount: 22.044457
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 48229
Amount: 20.657724
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:24:31 -04:00:00 (UTC)

Audit Action: Split an Integrated Peak Audit Reason: Baseline

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D
Lims ID: IC v10
Client ID:
Sample Type: IC Calib Level: 3
Inject. Date: 27-Jun-2025 18:27:30 ALS Bottle#: 16 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-016
Misc. Info.: ICIS V50
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:25:56 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 19:23:35

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.816	1.816	0.000	99	107978	10.0	10.8	
6 Chloromethane	50	1.995	1.988	0.007	99	131811	10.0	10.5	
8 Butadiene	39	2.088	2.081	0.007	91	115837	10.0	10.3	
7 Vinyl chloride	62	2.095	2.088	0.007	97	120916	10.0	10.4	
10 Bromomethane	94	2.417	2.403	0.014	90	86958	10.0	10.7	
11 Chloroethane	64	2.460	2.445	0.015	100	61372	10.0	10.6	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	182635	10.0	10.3	
13 Pentane	43	2.753	2.746	0.007	98	94172	10.0	8.57	
14 Trichlorofluoromethane	101	2.767	2.767	0.000	68	127491	10.0	10.5	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.039	3.017	0.022	92	83209	10.0	10.1	
18 Acrolein	56	3.089	3.082	0.007	98	222694	97.6	97.0	
19 1,1-Dichloroethene	96	3.225	3.218	0.007	98	50382	10.0	9.11	
20 Acetone	58	3.239	3.232	0.007	99	25301	20.0	20.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.261	0.014	93	65013	10.0	9.03	
22 Isopropyl alcohol	45	3.382	3.368	0.014	96	89871	50.0	42.4	M
23 Iodomethane	142	3.411	3.404	0.007	99	103002	10.0	9.30	
24 Carbon disulfide	76	3.518	3.511	0.007	99	184957	10.0	9.19	
26 Methyl acetate	43	3.632	3.611	0.021	98	69221	10.0	9.43	
27 3-Chloro-1-propene	41	3.654	3.640	0.014	92	85144	10.0	8.93	
29 Methylene Chloride	84	3.826	3.811	0.015	93	60033	10.0	9.29	
* 28 t-Butyl alcohol-d10 (IS)	65	3.833	3.818	0.015	91	595113	250.0	250.0	
30 2-Methyl-2-propanol	59	3.933	3.926	0.007	99	114634	50.0	47.8	M
31 Acrylonitrile	53	4.119	4.090	0.029	99	103456	25.0	24.9	
32 Methyl tert-butyl ether	73	4.205	4.190	0.014	97	221776	10.0	9.85	
33 trans-1,2-Dichloroethene	96	4.219	4.204	0.015	98	52032	10.0	9.46	
35 Hexane	57	4.626	4.633	-0.007	92	67705	10.0	7.49	
37 1,1-Dichloroethane	63	4.869	4.855	0.014	96	96804	10.0	9.74	
38 Isopropyl ether	45	4.934	4.919	0.015	95	200977	10.0	9.75	
39 2-Chloro-1,3-butadiene	53	4.984	4.969	0.015	90	86026	10.0	9.68	
41 Tert-butyl ethyl ether	59	5.477	5.470	0.007	98	204454	10.0	9.50	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.692	5.670	0.022	100	111226	20.0	18.5	
43 cis-1,2-Dichloroethene	96	5.713	5.699	0.014	82	62751	10.0	9.69	
44 2,2-Dichloropropane	77	5.728	5.727	0.001	80	91090	10.0	9.07	
45 Propionitrile	54	5.749	5.742	0.007	95	98187	50.0	47.7	
47 Methyl acrylate	55	5.842	5.813	0.029	99	76687	10.0	8.37	M
48 Methacrylonitrile	67	5.978	5.963	0.015	92	101925	25.0	24.6	
50 Chlorobromomethane	128	6.056	6.042	0.014	94	31065	10.0	9.72	
51 Tetrahydrofuran	71	6.078	6.063	0.015	92	83387	50.0	46.9	
S 49 1,2-Dichloroethene, Total	100				0			19.2	
53 Chloroform	83	6.207	6.199	0.008	93	95901	10.0	9.64	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	280331	50.0	50.2	
55 1,1,1-Trichloroethane	97	6.443	6.435	0.008	98	91948	10.0	9.32	
56 Cyclohexane	56	6.564	6.550	0.014	90	108648	10.0	8.47	
57 1,1-Dichloropropene	75	6.664	6.657	0.007	95	75255	10.0	9.24	
58 Carbon tetrachloride	117	6.671	6.664	0.007	90	73684	10.0	9.09	
59 Isobutyl alcohol	41	6.800	6.800	0.000	94	89893	125.0	113.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	99	71522	50.0	50.4	
61 Benzene	78	6.929	6.922	0.007	96	234761	10.0	9.52	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	97	75303	10.0	9.38	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	99	197367	10.0	9.41	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1175646	50.0	50.0	
66 n-Heptane	43	7.372	7.365	0.007	94	56727	10.0	6.29	
67 n-Butanol	56	7.722	7.701	0.021	90	68899	125.0	116.3	
69 Trichloroethene	95	7.837	7.830	0.007	98	60836	10.0	9.65	
71 Methylcyclohexane	83	8.159	8.151	0.008	92	101386	10.0	7.85	
70 Ethyl acrylate	55	8.159	8.151	0.008	85	107870	10.0	7.95	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	93	63362	10.0	9.53	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	94	93052	10.0	9.35	
74 Methyl methacrylate	69	8.259	8.251	0.008	94	60185	10.0	9.46	
75 1,4-Dioxane	88	8.273	8.259	0.014	34	25155	125.0	123.4	
76 Dibromomethane	93	8.280	8.280	0.000	96	40397	10.0	9.54	
78 Dichlorobromomethane	83	8.523	8.516	0.007	99	69577	10.0	9.20	
79 2-Nitropropane	41	8.766	8.759	0.007	98	132380	50.0	45.1	
80 2-Chloroethyl vinyl ether	63	8.895	8.888	0.007	91	42707	10.0	9.91	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	93557	10.0	9.24	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	97	230382	20.0	19.7	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1180502	50.0	50.8	
95 Toluene	92	9.496	9.496	0.000	98	144248	10.0	9.54	
96 trans-1,3-Dichloropropene	75	9.775	9.767	0.008	93	86995	10.0	9.52	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	105466	10.0	9.89	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	91	56473	10.0	9.63	
S 112 1,3-Dichloropropene, Total	100				0			18.8	
114 Tetrachloroethene	166	10.082	10.082	0.000	95	56434	10.0	9.09	
115 1,3-Dichloropropane	76	10.154	10.146	0.008	90	93956	10.0	9.76	
117 2-Hexanone	43	10.204	10.196	0.008	97	166157	20.0	20.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	89	56960	10.0	9.37	
120 Ethylene Dibromide	107	10.490	10.489	0.001	98	60127	10.0	9.70	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	862232	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	98	71995	10.0	8.39	
132 Chlorobenzene	112	10.961	10.961	0.000	96	165555	10.0	9.54	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	94	61712	10.0	9.54	
135 Ethylbenzene	91	11.054	11.054	0.000	98	293280	10.0	9.57	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	225953	20.0	18.8	
S 136 Xylenes, Total	106				0			28.5	
138 n-Butyl acrylate	55	11.462	11.462	0.000	96	128486	10.0	8.70	
139 o-Xylene	106	11.512	11.505	0.007	97	122490	10.0	9.73	
140 Styrene	104	11.526	11.526	0.000	95	191707	10.0	9.71	
141 Bromoform	173	11.684	11.684	0.000	96	40761	10.0	9.13	
142 Isopropylbenzene	105	11.820	11.819	0.001	95	277732	10.0	9.19	
$ 145 4-Bromofluorobenzene (Surr)	95	11.963	11.962	0.000	87	444765	50.0	50.0	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	95	111838	10.0	9.70	
149 Bromobenzene	156	12.077	12.077	0.000	96	71553	10.0	9.45	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	76192	25.0	23.5	
150 1,2,3-Trichloropropane	110	12.106	12.105	0.001	81	32781	10.0	9.57	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	342113	10.0	9.02	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	74251	10.0	9.30	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	267724	10.0	9.01	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	74221	10.0	9.62	
156 tert-Butylbenzene	134	12.535	12.534	0.001	93	48721	10.0	8.57	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	98	282855	10.0	9.24	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	315250	10.0	8.34	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	147520	10.0	9.48	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	280167	10.0	8.47	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	96	512780	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.001	96	152947	10.0	9.53	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	312396	10.0	9.40	
168 Benzyl chloride	91	12.949	12.942	0.007	98	225098	10.0	9.79	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	96	166709	10.0	8.58	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	174586	10.0	8.45	
171 n-Butylbenzene	92	13.107	13.106	0.001	98	134677	10.0	8.12	
172 1,2-Dichlorobenzene	146	13.135	13.128	0.007	98	159934	10.0	9.63	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	150738	10.0	8.74	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.671	0.008	85	35903	10.0	9.75	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	98	118280	10.0	8.71	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	131264	10.0	9.37	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	81	121464	10.0	8.03	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	46009	10.0	7.81	
181 Naphthalene	128	14.415	14.408	0.007	97	537060	10.0	9.98	
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	97	138097	10.0	9.43	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	314095	10.0	10.1	
S 235 Total Diethylbenzene	1				0			25.8	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	2.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	1.60	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	2.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added:	1.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	2.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:25:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D

Injection Date: 27-Jun-2025 18:27:30 Instrument ID: 9355 Operator ID: kas02648

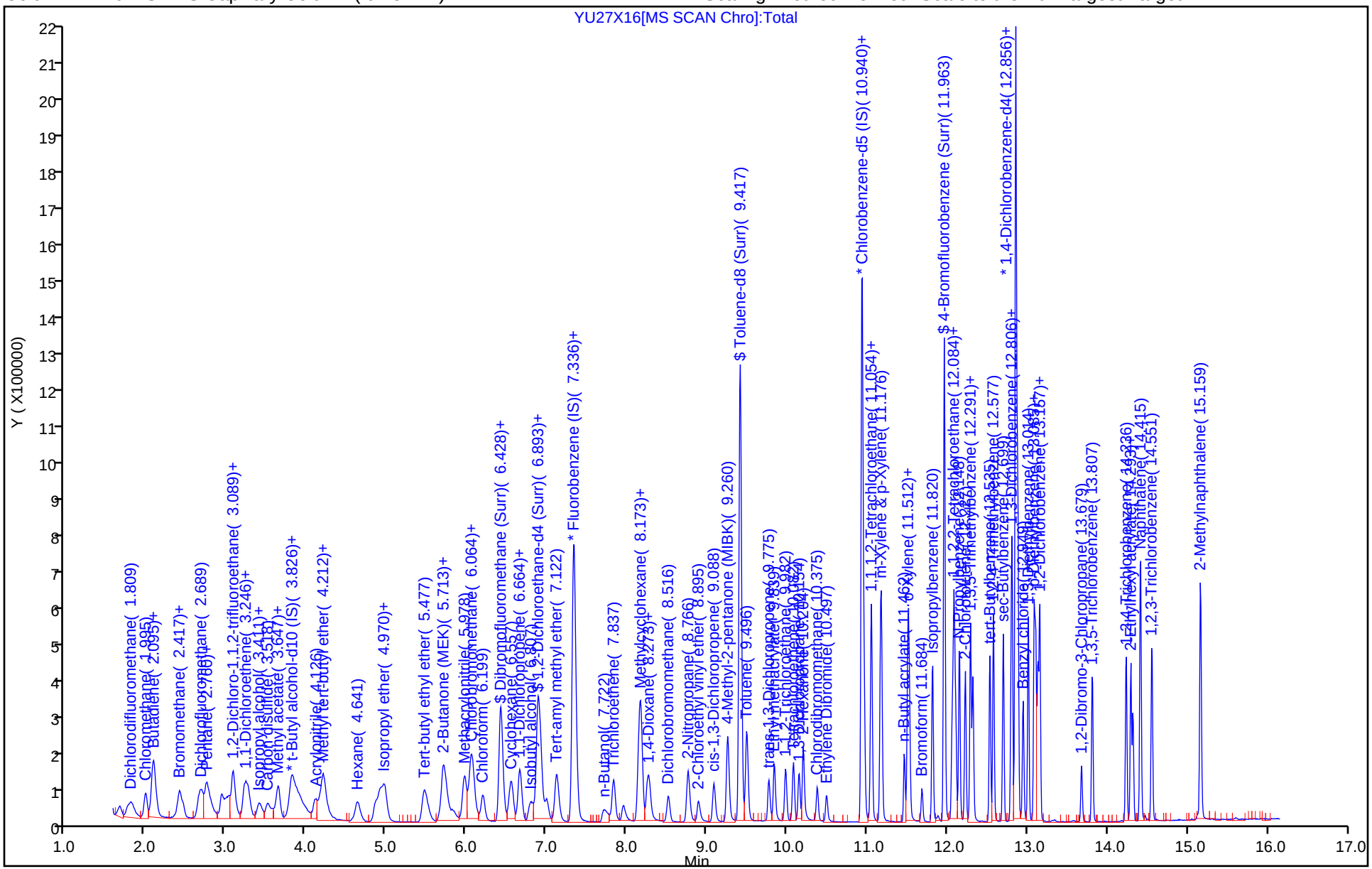
Lims ID: IC v10 Worklist Smp#: 14

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 16

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

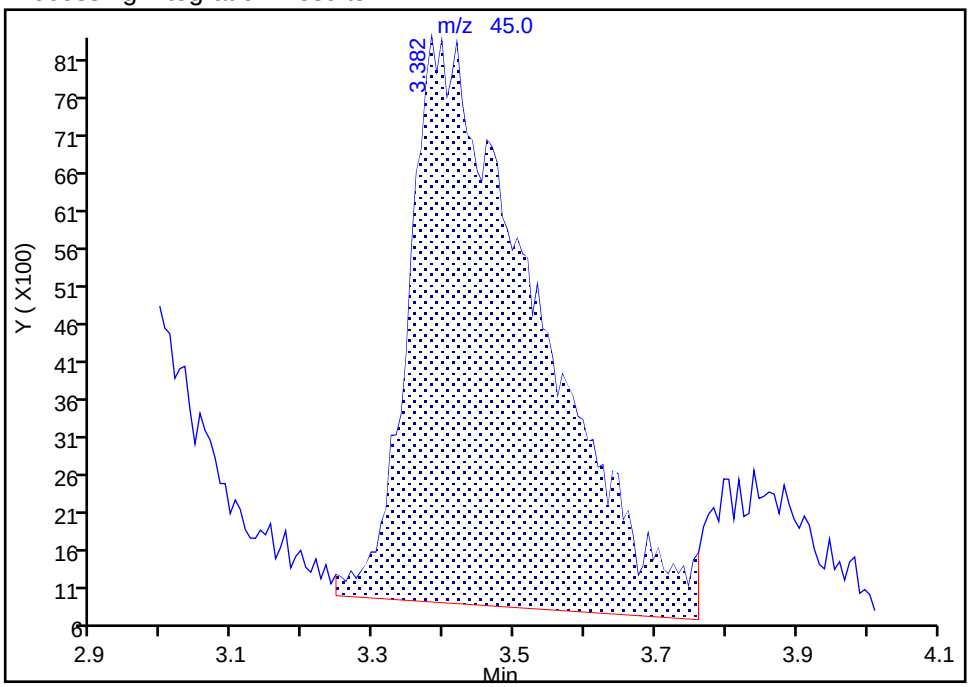
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D				
Injection Date:	27-Jun-2025 18:27:30	Instrument ID:	9355		
Lims ID:	IC v10				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	16	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

22 Isopropyl alcohol, CAS: 67-63-0

Signal: 1

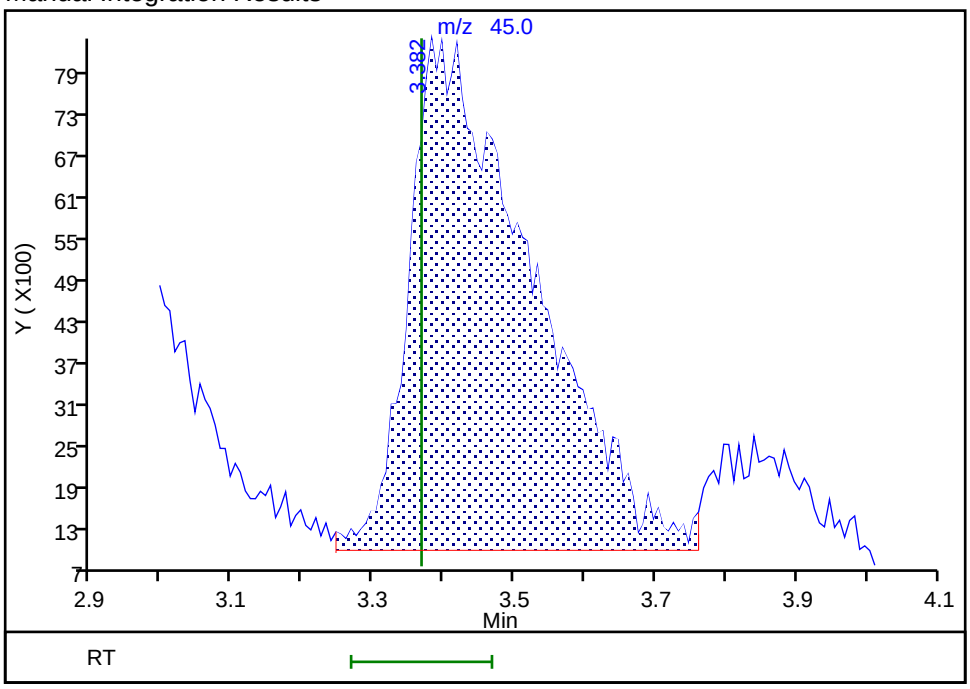
Processing Integration Results

RT: 3.38
Area: 94913
Amount: 47.245786
Amount Units: ug/l



Manual Integration Results

RT: 3.38
Area: 89871
Amount: 42.435899
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:22:35 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Baseline

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

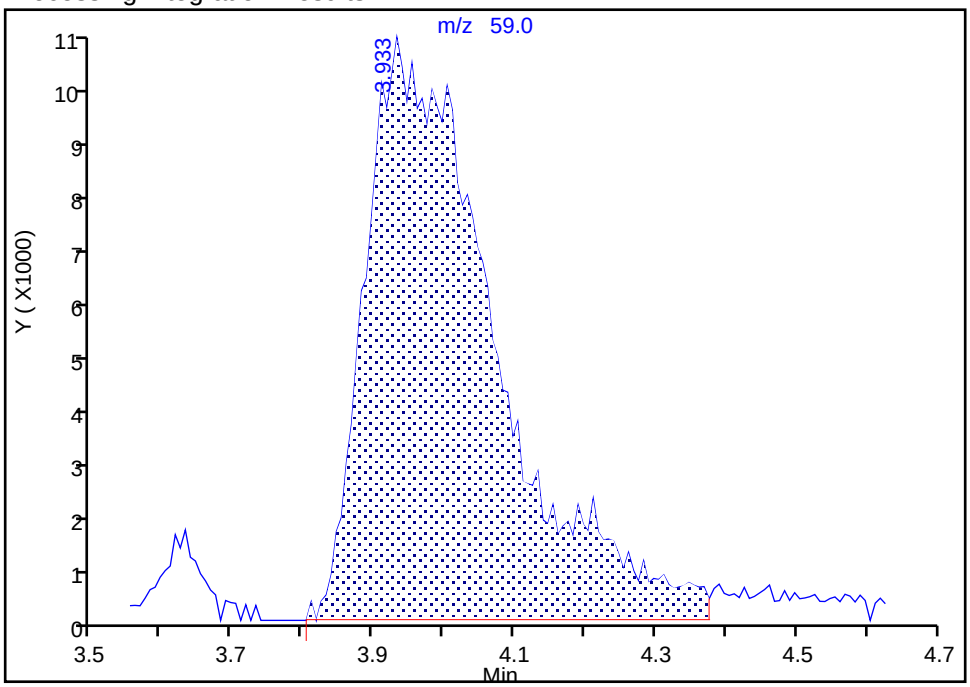
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D
Injection Date: 27-Jun-2025 18:27:30 Instrument ID: 9355
Lims ID: IC v10
Client ID:
Operator ID: kas02648 ALS Bottle#: 16 Worklist Smp#: 14
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

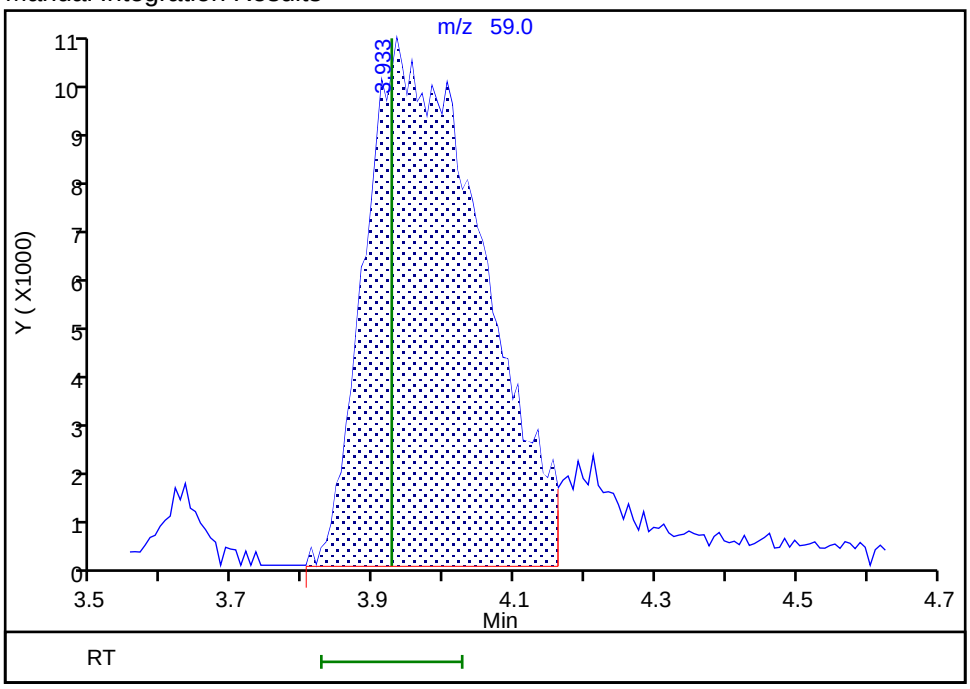
Processing Integration Results

RT: 3.93
Area: 128161
Amount: 52.075332
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 114634
Amount: 47.810048
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:22:57 -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

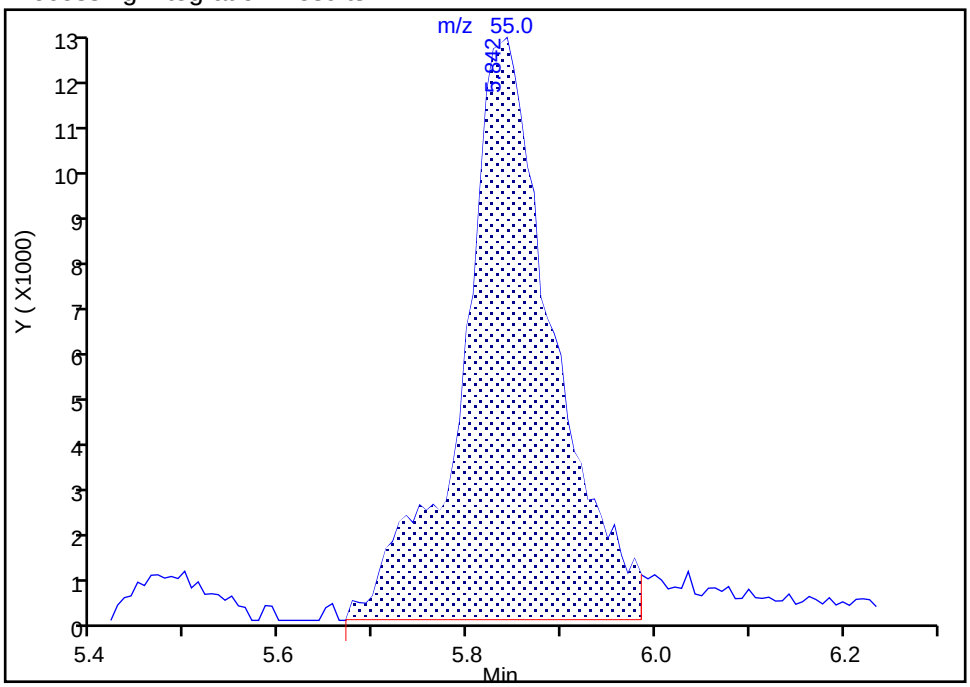
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X16.D				
Injection Date:	27-Jun-2025 18:27:30	Instrument ID:	9355		
Lims ID:	IC v10				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	16	Worklist Smp#:	14
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

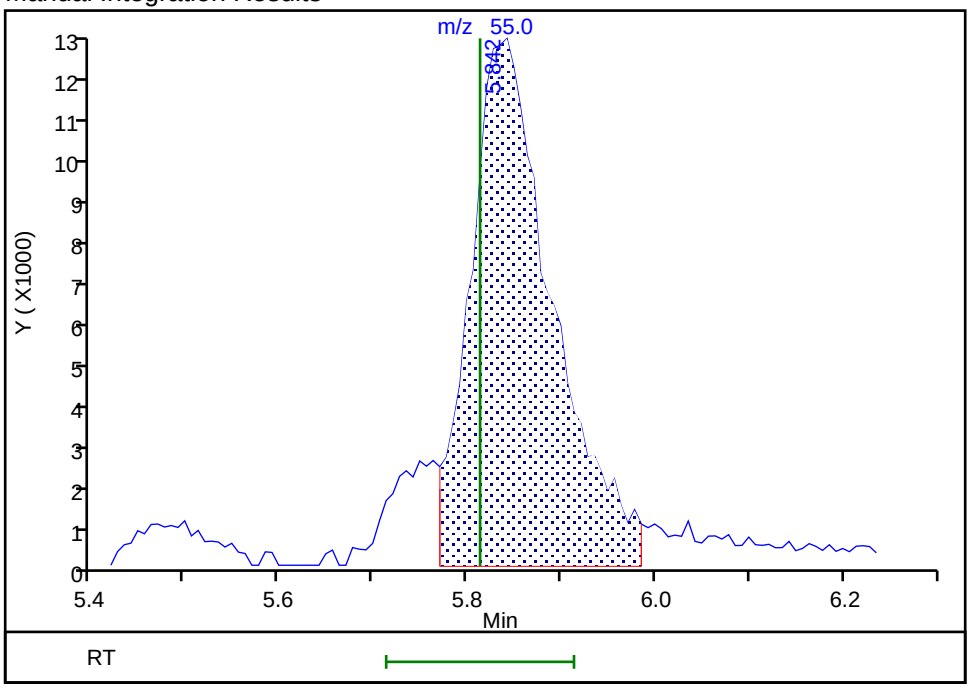
Processing Integration Results

RT: 5.84
Area: 85206
Amount: 9.009462
Amount Units: ug/l



Manual Integration Results

RT: 5.84
Area: 76687
Amount: 8.373854
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 19:23:07 -04:00:00 (UTC)

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

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D
Lims ID: IC v20
Client ID:
Sample Type: IC Calib Level: 4
Inject. Date: 27-Jun-2025 18:05:30 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-015
Misc. Info.: IC V20
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:26:11 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 18:48:21

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.823	0.000	99	165778	20.0	16.3	
6 Chloromethane	50	1.995	1.995	0.000	99	242542	20.0	19.0	
8 Butadiene	39	2.088	2.088	0.000	92	191299	20.0	16.8	
7 Vinyl chloride	62	2.102	2.102	0.000	98	216400	20.0	18.3	
10 Bromomethane	94	2.410	2.410	0.000	91	158288	20.0	19.1	
11 Chloroethane	64	2.452	2.452	0.000	100	109751	20.0	18.6	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	333166	20.0	18.4	
13 Pentane	43	2.760	2.760	0.000	98	222482	20.0	19.9	
14 Trichlorofluoromethane	101	2.767	2.767	0.000	94	210823	20.0	17.1	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.017	3.017	0.000	95	146676	20.0	17.5	
18 Acrolein	56	3.089	3.089	0.000	99	441882	195.2	192.4	
19 1,1-Dichloroethene	96	3.225	3.225	0.000	98	114181	20.0	20.3	
20 Acetone	58	3.239	3.239	0.000	78	51835	40.0	41.0	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.275	0.000	93	152786	20.0	20.9	
22 Isopropyl alcohol	45	3.389	3.389	0.000	96	213177	100.0	100.6	
23 Iodomethane	142	3.418	3.418	0.000	98	238480	20.0	21.2	
24 Carbon disulfide	76	3.518	3.518	0.000	99	419661	20.0	20.5	
26 Methyl acetate	43	3.625	3.625	0.000	98	153017	20.0	20.5	
27 3-Chloro-1-propene	41	3.654	3.654	0.000	90	189369	20.0	19.5	
29 Methylene Chloride	84	3.818	3.818	0.000	95	138400	20.0	21.0	
* 28 t-Butyl alcohol-d10 (IS)	65	3.840	3.840	0.000	95	595430	250.0	250.0	
30 2-Methyl-2-propanol	59	3.947	3.947	0.000	99	250136	100.0	104.3	M
31 Acrylonitrile	53	4.104	4.104	0.000	99	227651	50.0	53.7	
32 Methyl tert-butyl ether	73	4.197	4.197	0.000	94	481221	20.0	21.0	
33 trans-1,2-Dichloroethene	96	4.219	4.219	0.000	98	117529	20.0	21.0	
35 Hexane	57	4.648	4.648	0.000	92	195944	20.0	21.3	
37 1,1-Dichloroethane	63	4.862	4.862	0.000	96	218052	20.0	21.6	
38 Isopropyl ether	45	4.926	4.926	0.000	93	434210	20.0	20.7	
39 2-Chloro-1,3-butadiene	53	4.984	4.984	0.000	90	194085	20.0	21.5	
41 Tert-butyl ethyl ether	59	5.477	5.477	0.000	98	454192	20.0	20.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.684	5.684	0.000	99	226883	40.0	37.0	
43 cis-1,2-Dichloroethene	96	5.713	5.713	0.000	83	140367	20.0	21.3	
44 2,2-Dichloropropane	77	5.727	5.727	0.000	89	210109	20.0	20.6	
45 Propionitrile	54	5.756	5.756	0.000	96	211365	100.0	102.7	
47 Methyl acrylate	55	5.827	5.827	0.000	100	203416	20.0	21.8	M
48 Methacrylonitrile	67	5.970	5.970	0.000	92	223863	50.0	53.0	
50 Chlorobromomethane	128	6.056	6.056	0.000	96	70401	20.0	21.6	
51 Tetrahydrofuran	71	6.071	6.071	0.000	93	188573	100.0	105.9	
S 49 1,2-Dichloroethene, Total	100				0			42.3	
53 Chloroform	83	6.206	6.206	0.000	93	217605	20.0	21.5	
$ 54 Dibromofluoromethane (Surr)	113	6.428	6.428	0.000	93	289609	50.0	50.9	
55 1,1,1-Trichloroethane	97	6.449	6.449	0.000	98	210808	20.0	21.0	
56 Cyclohexane	56	6.564	6.564	0.000	90	272073	20.0	20.8	
57 1,1-Dichloropropene	75	6.664	6.664	0.000	97	178262	20.0	21.5	
58 Carbon tetrachloride	117	6.664	6.664	0.000	95	174592	20.0	21.2	
59 Isobutyl alcohol	41	6.807	6.807	0.000	95	193151	250.0	242.7	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	71275	50.0	49.3	
61 Benzene	78	6.929	6.929	0.000	97	530076	20.0	21.1	
62 1,2-Dichloroethane	62	7.000	7.000	0.000	97	172769	20.0	21.1	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	98	439516	20.0	20.6	
* 65 Fluorobenzene (IS)	96	7.343	7.343	0.000	99	1196550	50.0	50.0	
66 n-Heptane	43	7.372	7.372	0.000	93	189951	20.0	20.7	
67 n-Butanol	56	7.722	7.722	0.000	88	149568	250.0	252.2	
69 Trichloroethene	95	7.837	7.837	0.000	99	135877	20.0	21.2	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	273263	20.0	20.8	
70 Ethyl acrylate	55	8.158	8.158	0.000	81	277278	20.0	20.1	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	95	143000	20.0	21.1	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	93	212664	20.0	21.0	
74 Methyl methacrylate	69	8.258	8.258	0.000	92	138388	20.0	21.4	
75 1,4-Dioxane	88	8.251	8.251	0.000	31	54021	250.0	264.9	M
76 Dibromomethane	93	8.280	8.280	0.000	96	89961	20.0	20.9	
78 Dichlorobromomethane	83	8.523	8.523	0.000	99	161764	20.0	21.0	
79 2-Nitropropane	41	8.766	8.766	0.000	98	302069	100.0	102.8	
80 2-Chloroethyl vinyl ether	63	8.895	8.895	0.000	91	92332	20.0	21.1	
81 cis-1,3-Dichloropropene	75	9.088	9.088	0.000	96	220320	20.0	21.4	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	471975	40.0	39.6	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1218160	50.0	50.8	
95 Toluene	92	9.495	9.495	0.000	98	330946	20.0	21.2	
96 trans-1,3-Dichloropropene	75	9.774	9.774	0.000	93	194787	20.0	20.7	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	238172	20.0	21.7	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	126096	20.0	20.9	
S 112 1,3-Dichloropropene, Total	100				0			42.1	
114 Tetrachloroethene	166	10.082	10.082	0.000	95	133732	20.0	20.9	
115 1,3-Dichloropropane	76	10.153	10.153	0.000	90	210563	20.0	21.2	
117 2-Hexanone	43	10.203	10.203	0.000	97	321408	40.0	38.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	129905	20.0	20.7	
120 Ethylene Dibromide	107	10.489	10.489	0.000	98	136048	20.0	21.3	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	888905	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	184655	20.0	20.9	
132 Chlorobenzene	112	10.961	10.961	0.000	95	377952	20.0	21.1	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	96	142462	20.0	21.4	
135 Ethylbenzene	91	11.054	11.054	0.000	98	681210	20.0	21.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	535237	40.0	43.1	
S 136 Xylenes, Total	106				0			64.7	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	326287	20.0	21.4	
139 o-Xylene	106	11.512	11.512	0.000	97	280231	20.0	21.6	
140 Styrene	104	11.526	11.526	0.000	95	436947	20.0	21.5	
141 Bromoform	173	11.683	11.683	0.000	96	98225	20.0	21.4	
142 Isopropylbenzene	105	11.819	11.819	0.000	95	682494	20.0	21.9	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	459528	50.0	50.1	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.062	0.000	94	254153	20.0	21.5	
149 Bromobenzene	156	12.077	12.077	0.000	96	166345	20.0	21.5	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	174508	50.0	52.7	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	76934	20.0	21.9	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	859933	20.0	22.2	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	176639	20.0	21.6	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	668598	20.0	22.0	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	169873	20.0	21.5	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	125492	20.0	21.6	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	684197	20.0	21.8	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	862774	20.0	22.3	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	341421	20.0	21.4	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	748199	20.0	22.1	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	524938	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.870	12.870	0.000	95	342955	20.0	20.9	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	735298	20.0	21.6	
168 Benzyl chloride	91	12.949	12.949	0.000	98	512814	20.0	21.8	
169 1,3-Diethylbenzene	119	13.013	13.013	0.000	95	435631	20.0	21.9	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	459814	20.0	21.7	
171 n-Butylbenzene	92	13.106	13.106	0.000	97	369501	20.0	21.8	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	362255	20.0	21.3	
173 o-diethylbenzene	119	13.156	13.156	0.000	95	381526	20.0	21.6	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.678	0.000	86	80611	20.0	21.4	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	97	301237	20.0	21.7	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	305685	20.0	21.3	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	326810	20.0	21.1	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	127703	20.0	21.2	
181 Naphthalene	128	14.415	14.415	0.000	97	1195144	20.0	21.7	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	314725	20.0	21.0	
183 2-Methylnaphthalene	142	15.158	15.158	0.000	92	709395	20.0	22.2	
S 235 Total Diethylbenzene	1				0			65.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	4.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	3.20	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added:	2.00	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	4.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:26:12 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D

Injection Date: 27-Jun-2025 18:05:30 Instrument ID: 9355 Operator ID: kas02648

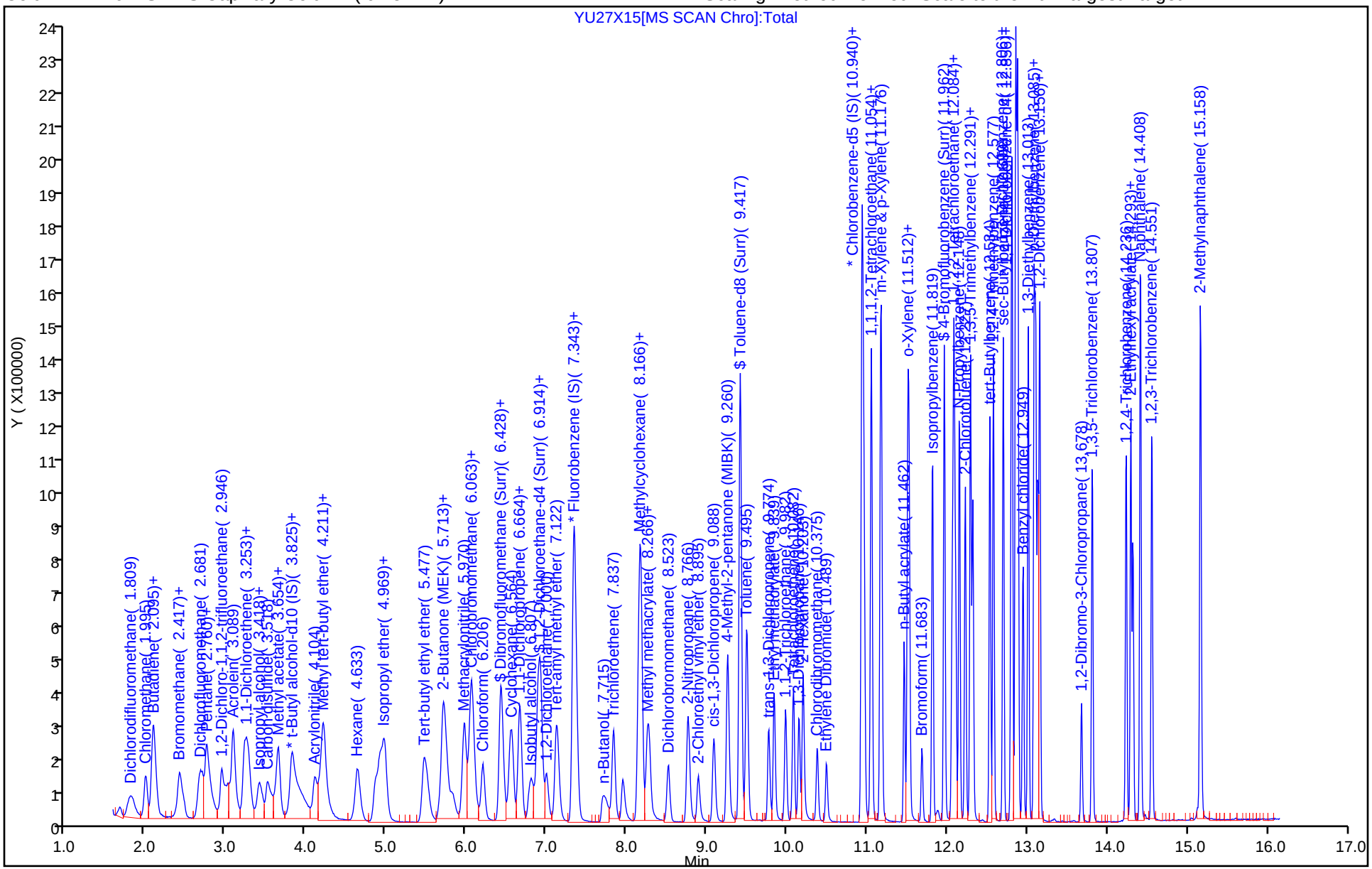
Lims ID: IC v20 Worklist Smp#: 15

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 15

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

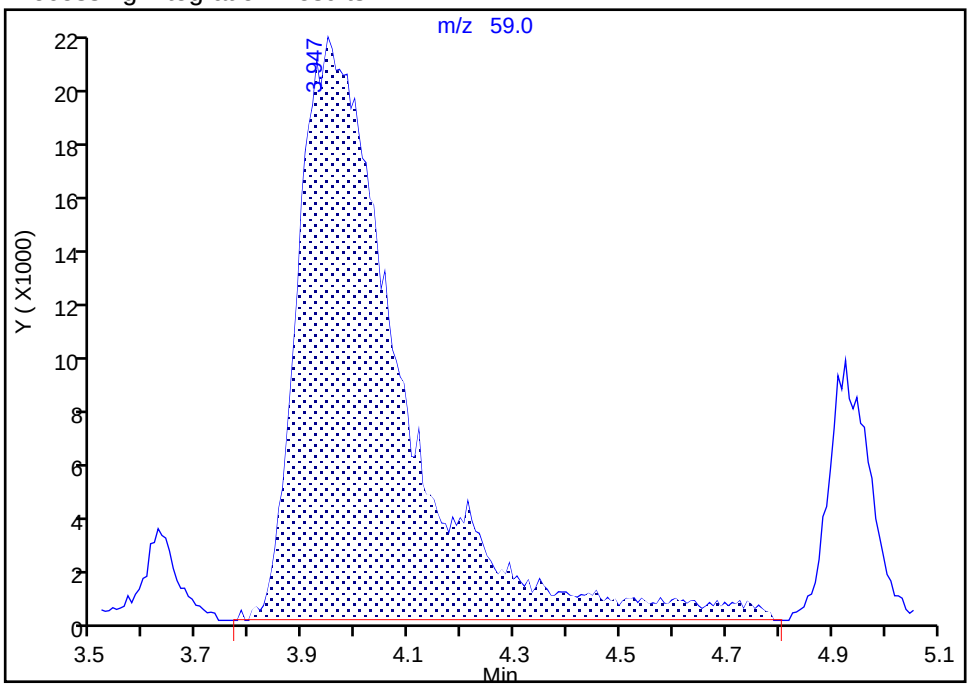
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D
Injection Date: 27-Jun-2025 18:05:30 Instrument ID: 9355
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

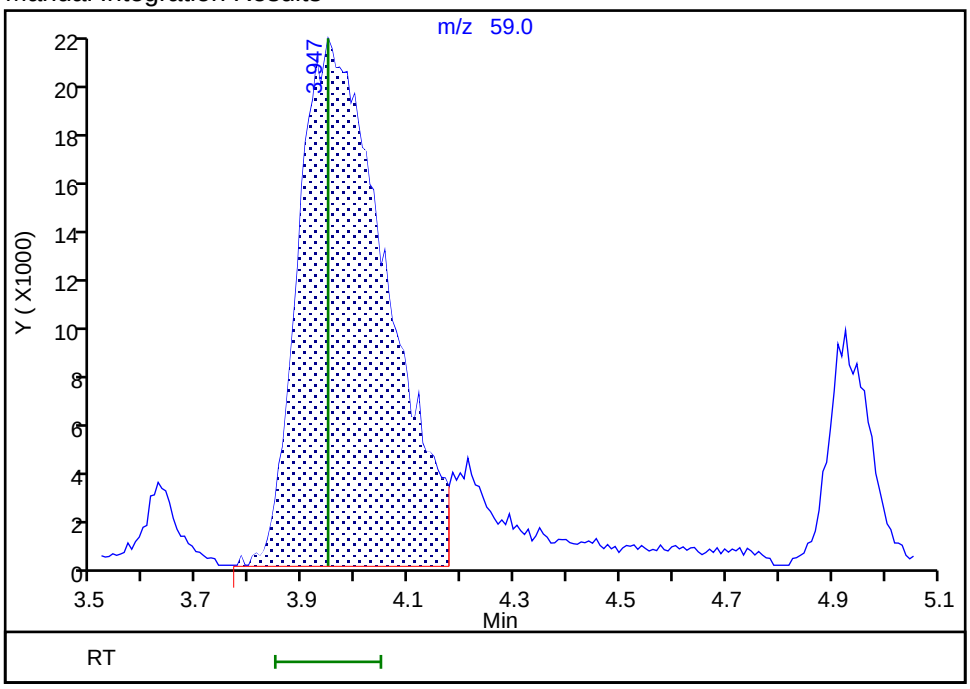
Processing Integration Results

RT: 3.95
Area: 293841
Amount: 117.7439
Amount Units: ug/l



Manual Integration Results

RT: 3.95
Area: 250136
Amount: 104.2679
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:47:12 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

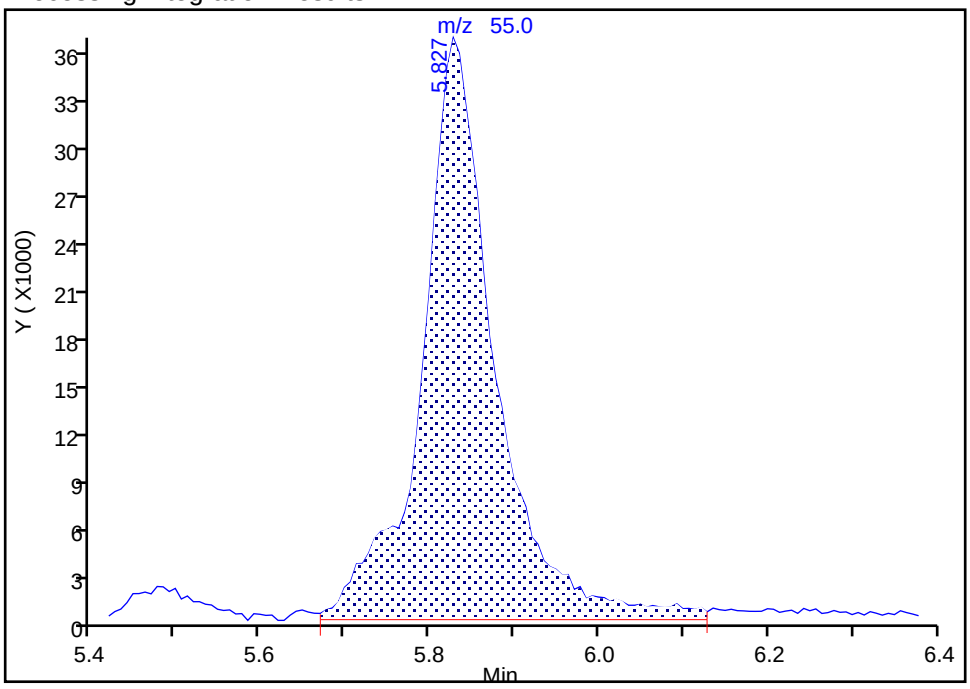
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D				
Injection Date:	27-Jun-2025 18:05:30	Instrument ID:	9355		
Lims ID:	IC v20				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	15	Worklist Smp#:	15
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

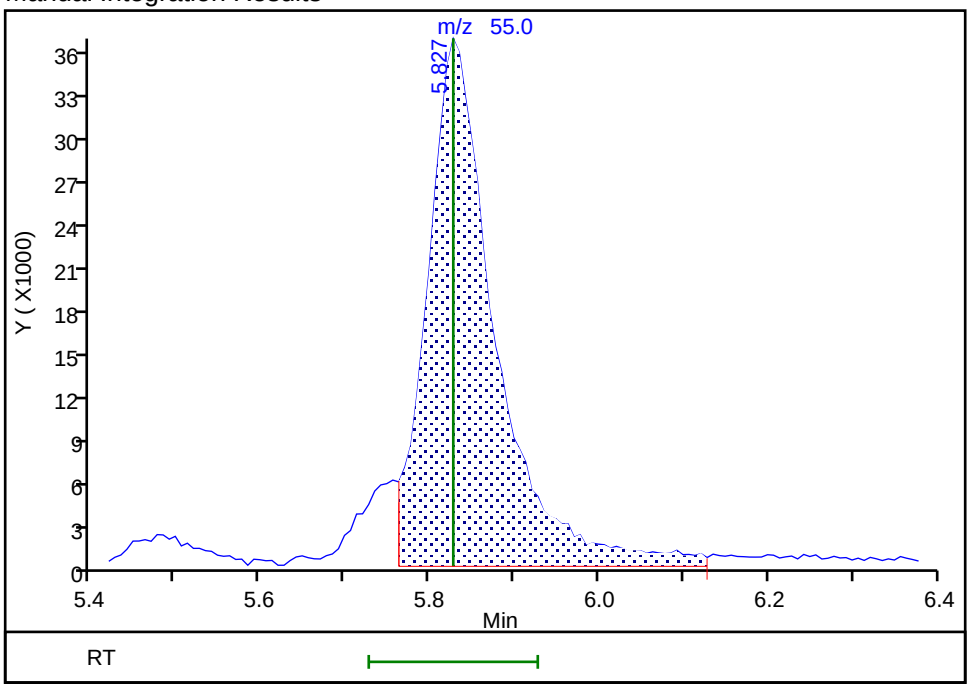
Processing Integration Results

RT: 5.83
Area: 220991
Amount: 21.448374
Amount Units: ug/l



Manual Integration Results

RT: 5.83
Area: 203416
Amount: 21.824005
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:47:25 -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

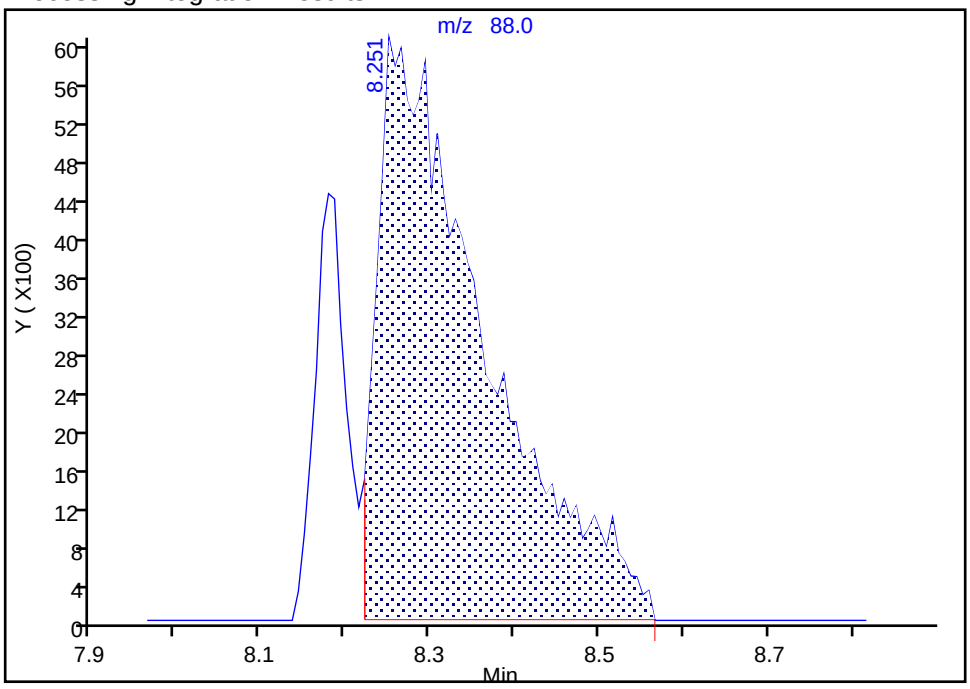
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X15.D
Injection Date: 27-Jun-2025 18:05:30 Instrument ID: 9355
Lims ID: IC v20
Client ID:
Operator ID: kas02648 ALS Bottle#: 15 Worklist Smp#: 15
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

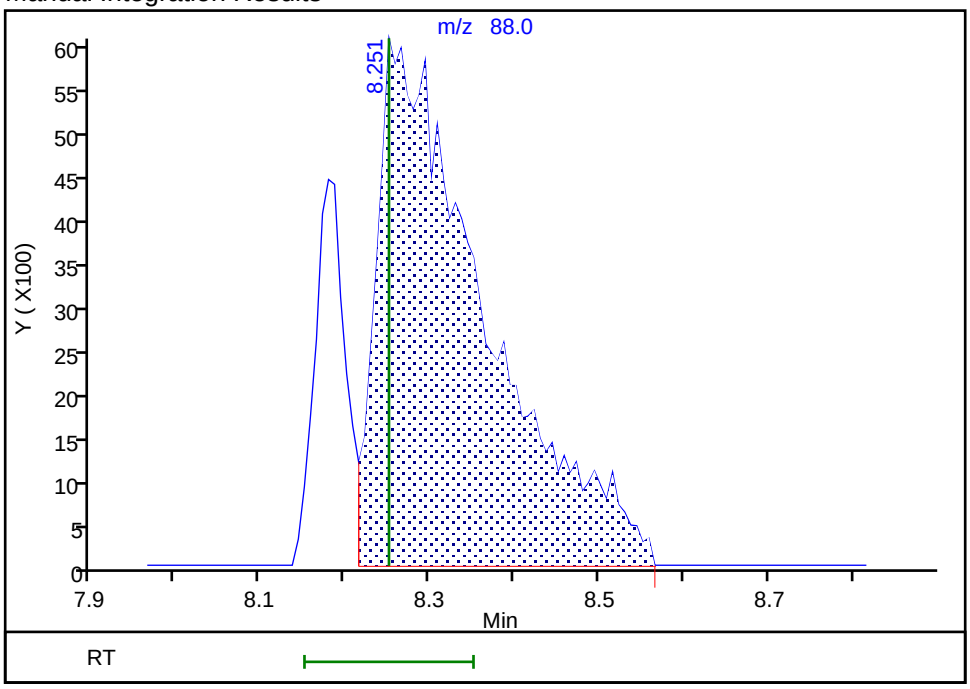
Processing Integration Results

RT: 8.25
Area: 53512
Amount: 252.9337
Amount Units: ug/l



Manual Integration Results

RT: 8.25
Area: 54021
Amount: 264.8626
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:48:01 -04:00:00 (UTC)
Audit Action: Assigned New Baseline Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D
Lims ID: ICIS v50
Client ID:
Sample Type: ICIS Calib Level: 5
Inject. Date: 27-Jun-2025 17:42:30 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-014
Misc. Info.: IC V10
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:26:27 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 18:36:13

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.816	1.816	0.000	99	589084	50.0	58.2	
6 Chloromethane	50	1.988	1.988	0.000	99	671924	50.0	52.9	
8 Butadiene	39	2.081	2.081	0.000	91	602214	50.0	53.1	
7 Vinyl chloride	62	2.088	2.088	0.000	98	634540	50.0	54.0	
10 Bromomethane	94	2.403	2.403	0.000	90	429472	50.0	52.2	
11 Chloroethane	64	2.445	2.445	0.000	100	300879	50.0	51.3	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	922867	50.0	51.4	
13 Pentane	43	2.746	2.746	0.000	97	561754	50.0	50.5	
14 Trichlorofluoromethane	101	2.767	2.767	0.000	96	682652	50.0	55.6	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.017	3.017	0.000	94	425373	50.0	51.0	
18 Acrolein	56	3.082	3.082	0.000	99	1146052	487.9	504.9	
19 1,1-Dichloroethene	96	3.218	3.218	0.000	98	279773	50.0	50.0	
20 Acetone	58	3.232	3.232	0.000	100	129128	100.0	103.4	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.261	3.261	0.000	93	388169	50.0	53.3	
22 Isopropyl alcohol	45	3.368	3.368	0.000	96	476595	250.0	227.5	
23 Iodomethane	142	3.404	3.404	0.000	98	572579	50.0	51.1	
24 Carbon disulfide	76	3.511	3.511	0.000	99	1048058	50.0	51.5	
26 Methyl acetate	43	3.611	3.611	0.000	98	396553	50.0	53.4	
27 3-Chloro-1-propene	41	3.640	3.640	0.000	91	467569	50.0	48.4	
29 Methylene Chloride	84	3.811	3.811	0.000	93	328641	50.0	50.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	96	588645	250.0	250.0	
30 2-Methyl-2-propanol	59	3.926	3.926	0.000	99	587326	250.0	247.6	M
31 Acrylonitrile	53	4.090	4.090	0.000	98	537767	125.0	127.6	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	94	1144708	50.0	50.2	
33 trans-1,2-Dichloroethene	96	4.204	4.204	0.000	98	281989	50.0	50.7	
35 Hexane	57	4.633	4.633	0.000	92	499766	50.0	54.7	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	527003	50.0	52.4	
38 Isopropyl ether	45	4.919	4.919	0.000	96	1072361	50.0	51.4	
39 2-Chloro-1,3-butadiene	53	4.969	4.969	0.000	90	473778	50.0	52.7	
41 Tert-butyl ethyl ether	59	5.470	5.470	0.000	97	1123318	50.0	51.6	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.670	5.670	0.000	99	600639	100.0	98.5	
43 cis-1,2-Dichloroethene	96	5.699	5.699	0.000	82	334937	50.0	51.1	
44 2,2-Dichloropropane	77	5.727	5.727	0.000	89	522398	50.0	51.4	
45 Propionitrile	54	5.742	5.742	0.000	96	520886	250.0	256.0	
47 Methyl acrylate	55	5.813	5.813	0.000	100	516594	50.0	55.7	M
48 Methacrylonitrile	67	5.963	5.963	0.000	92	546685	125.0	130.2	
50 Chlorobromomethane	128	6.042	6.042	0.000	96	167291	50.0	51.7	
51 Tetrahydrofuran	71	6.063	6.063	0.000	92	445060	250.0	252.9	
53 Chloroform	83	6.199	6.199	0.000	93	510481	50.0	50.7	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	283112	50.0	50.1	
55 1,1,1-Trichloroethane	97	6.435	6.435	0.000	98	510208	50.0	51.1	
56 Cyclohexane	56	6.550	6.550	0.000	91	678187	50.0	52.2	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	96	434203	50.0	52.7	
58 Carbon tetrachloride	117	6.664	6.664	0.000	96	432450	50.0	52.7	
59 Isobutyl alcohol	41	6.800	6.800	0.000	95	466671	625.0	593.1	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	72834	50.0	50.7	
61 Benzene	78	6.922	6.922	0.000	97	1290005	50.0	51.7	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	407905	50.0	50.2	
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	98	1089326	50.0	51.3	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1189958	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	93	489238	50.0	53.6	
67 n-Butanol	56	7.701	7.701	0.000	89	393759	625.0	671.7	
69 Trichloroethene	95	7.830	7.830	0.000	99	331389	50.0	51.9	
71 Methylcyclohexane	83	8.151	8.151	0.000	91	698693	50.0	53.4	
70 Ethyl acrylate	55	8.151	8.151	0.000	86	687878	50.0	50.1	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	83	349298	50.0	51.9	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	92	511462	50.0	50.8	
75 1,4-Dioxane	88	8.259	8.259	0.000	31	131701	625.0	653.2	M
74 Methyl methacrylate	69	8.251	8.251	0.000	91	339954	50.0	52.8	
76 Dibromomethane	93	8.280	8.280	0.000	96	220507	50.0	51.5	
78 Dichlorobromomethane	83	8.516	8.516	0.000	100	402455	50.0	52.6	
79 2-Nitropropane	41	8.759	8.759	0.000	97	755551	250.0	260.1	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	91	235052	50.0	53.9	
81 cis-1,3-Dichloropropene	75	9.081	9.081	0.000	96	543603	50.0	53.1	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	97	1259766	100.0	106.4	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1219363	50.0	49.5	
95 Toluene	92	9.496	9.496	0.000	98	825080	50.0	51.6	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	92	496113	50.0	51.3	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	585238	50.0	51.8	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	310198	50.0	49.9	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	335890	50.0	51.1	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	524164	50.0	51.4	
117 2-Hexanone	43	10.196	10.196	0.000	97	887637	100.0	103.5	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	337139	50.0	52.4	
120 Ethylene Dibromide	107	10.489	10.489	0.000	98	342594	50.0	52.2	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	87	912989	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	456936	50.0	50.3	
132 Chlorobenzene	112	10.961	10.961	0.000	95	941931	50.0	51.3	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	96	362327	50.0	52.9	
135 Ethylbenzene	91	11.054	11.054	0.000	98	1677042	50.0	51.7	
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	1318664	100.0	103.4	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	824871	50.0	52.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
139 o-Xylene	106	11.505	11.505	0.000	97	692511	50.0	51.9	
140 Styrene	104	11.526	11.526	0.000	95	1080622	50.0	51.7	
141 Bromoform	173	11.684	11.684	0.000	96	255423	50.0	54.1	
142 Isopropylbenzene	105	11.819	11.819	0.000	96	1678072	50.0	52.4	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	467847	50.0	49.7	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	95	623341	50.0	52.5	
149 Bromobenzene	156	12.077	12.077	0.000	97	409739	50.0	52.5	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	92	445143	125.0	133.5	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	183734	50.0	52.1	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	2102114	50.0	53.8	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	432741	50.0	52.6	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	1635126	50.0	53.4	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	412190	50.0	51.9	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	316959	50.0	54.2	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	1670440	50.0	53.0	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	2130660	50.0	54.7	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	97	828409	50.0	51.7	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	1872508	50.0	55.0	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	528069	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.000	93	828374	50.0	50.1	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	1809469	50.0	52.9	
168 Benzyl chloride	91	12.942	12.942	0.000	98	1289100	50.0	54.4	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	95	1064046	50.0	53.2	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	1130944	50.0	53.2	
171 n-Butylbenzene	92	13.106	13.106	0.000	97	908217	50.0	53.2	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	881244	50.0	51.5	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	941887	50.0	53.0	
176 1,2-Dibromo-3-Chloropropane	75	13.671	13.671	0.000	86	197340	50.0	52.0	
177 1,3,5-Trichlorobenzene	180	13.807	13.807	0.000	98	723617	50.0	51.7	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	728421	50.0	50.5	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	856732	50.0	55.0	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	312687	50.0	51.5	
181 Naphthalene	128	14.408	14.408	0.000	97	2828178	50.0	51.0	
182 1,2,3-Trichlorobenzene	180	14.551	14.551	0.000	95	735057	50.0	48.7	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	1673198	50.0	52.1	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added:	2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	5.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:26:28 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D

Injection Date: 27-Jun-2025 17:42:30 Instrument ID: 9355 Operator ID: kas02648

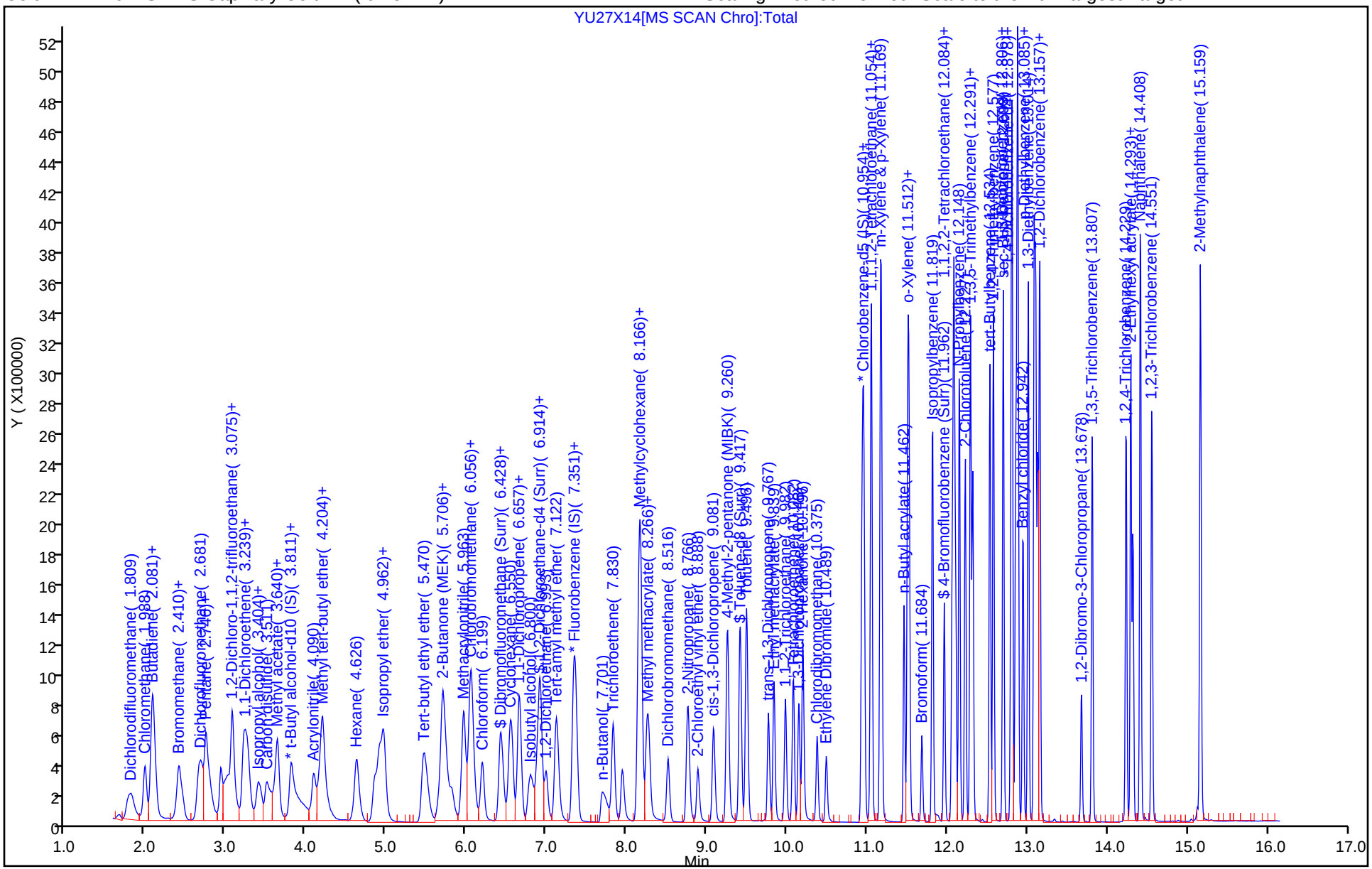
Lims ID: ICIS v50 Worklist Smp#: 16

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 14

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

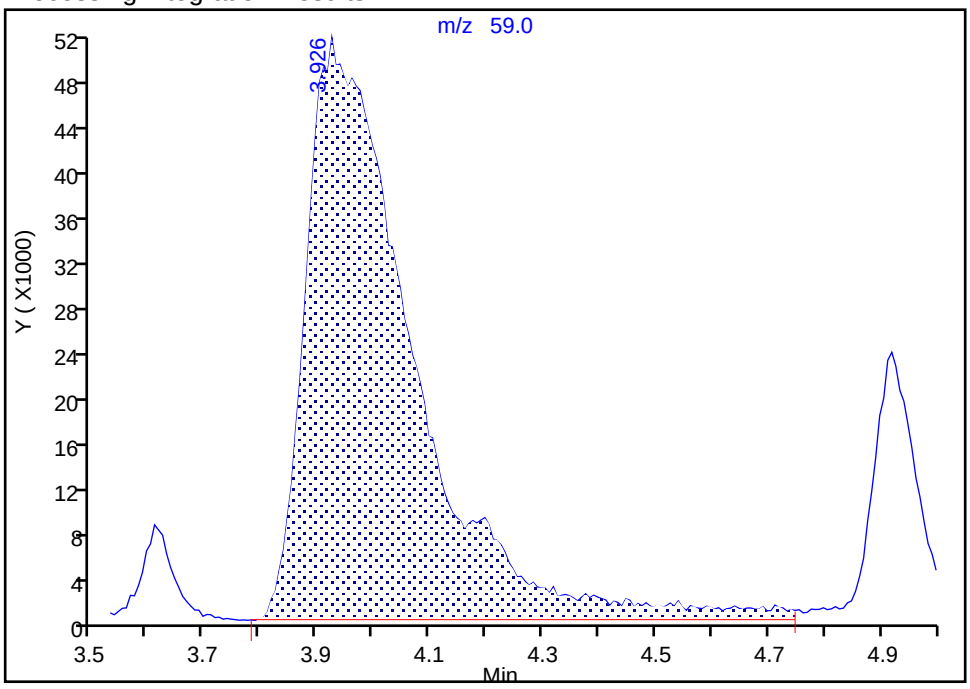
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D				
Injection Date:	27-Jun-2025 17:42:30	Instrument ID:	9355		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	14	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

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

Signal: 1

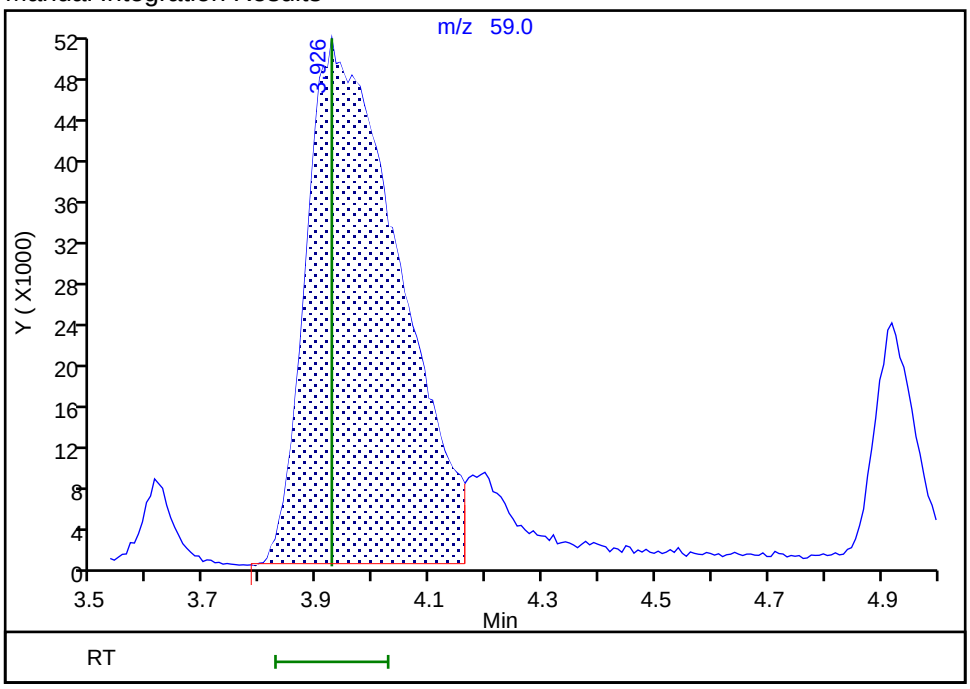
Processing Integration Results

RT: 3.93
Area: 673259
Amount: 250.0000
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 587326
Amount: 247.6458
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:37:28 -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

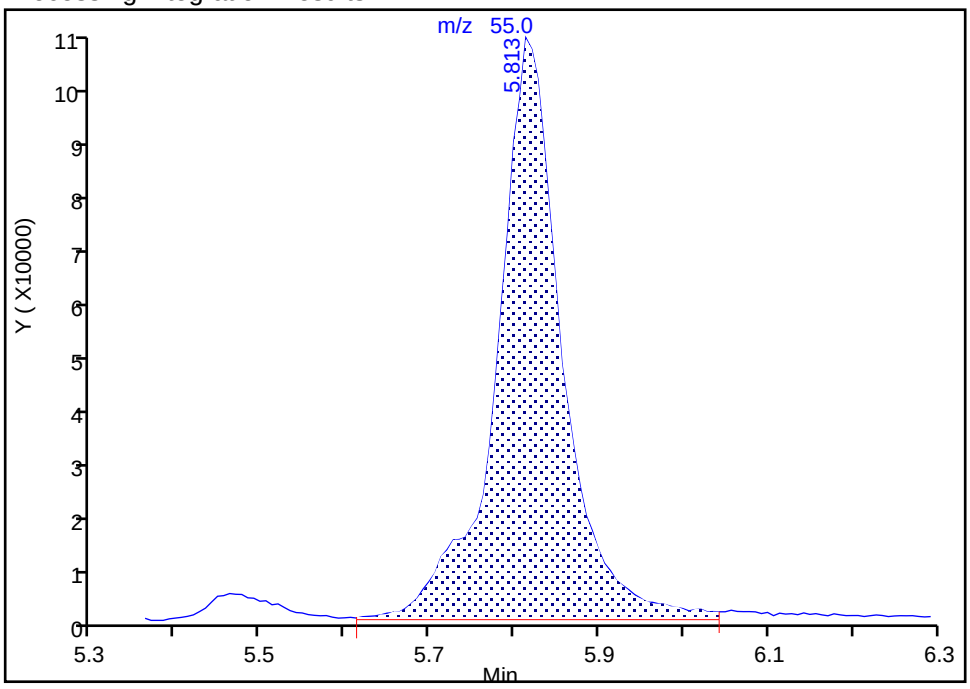
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D				
Injection Date:	27-Jun-2025 17:42:30	Instrument ID:	9355		
Lims ID:	ICIS v50				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	14	Worklist Smp#:	16
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

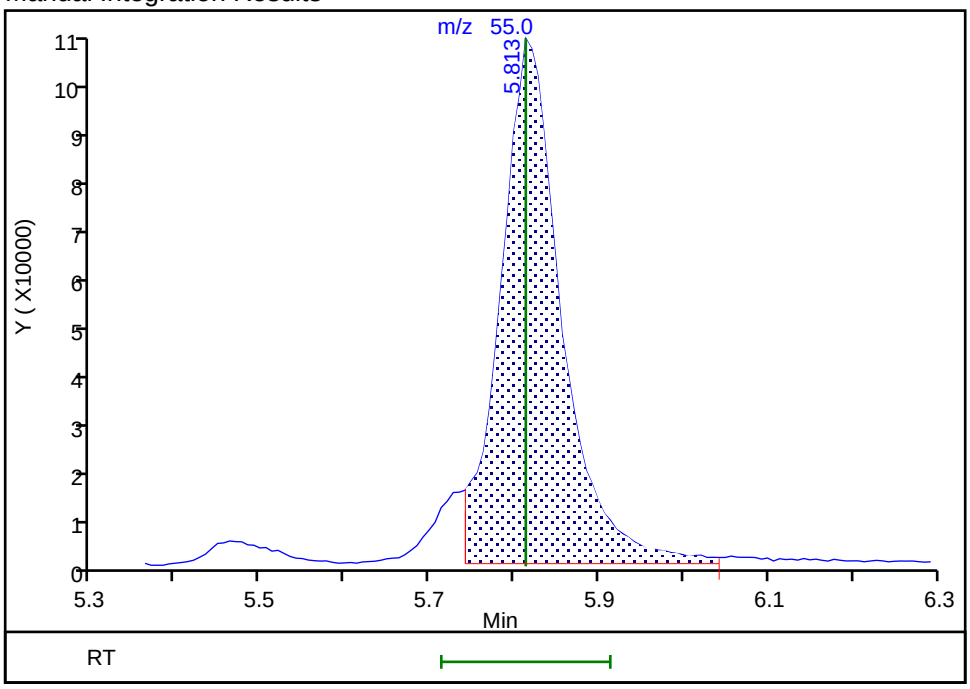
Processing Integration Results

RT: 5.81
Area: 553557
Amount: 50.009280
Amount Units: ug/l



Manual Integration Results

RT: 5.81
Area: 516594
Amount: 55.731140
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:38:34 -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

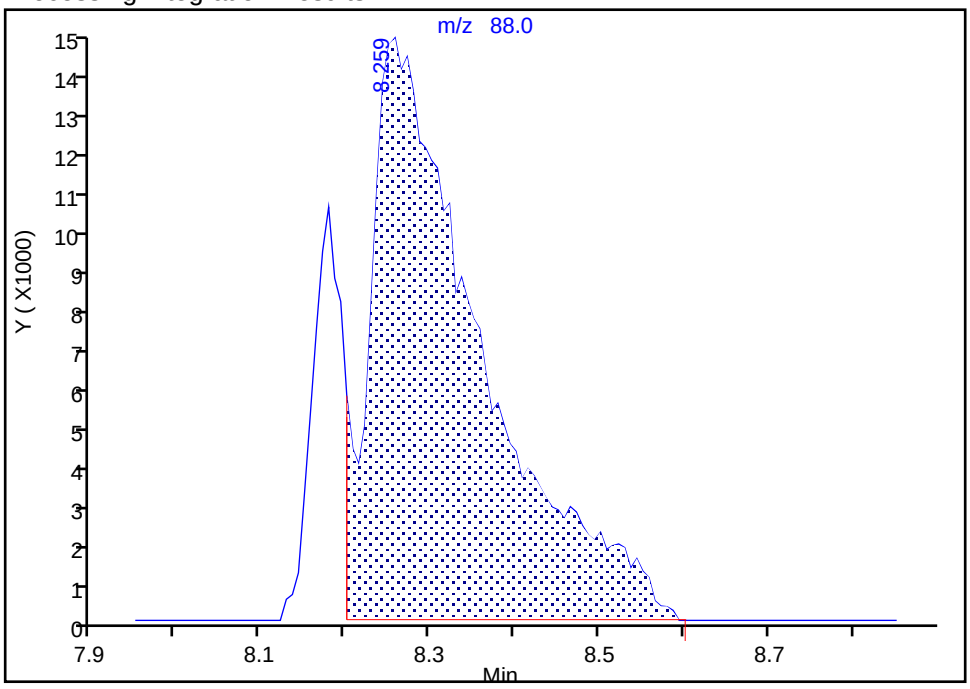
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X14.D
Injection Date: 27-Jun-2025 17:42:30 Instrument ID: 9355
Lims ID: ICIS v50
Client ID:
Operator ID: kas02648 ALS Bottle#: 14 Worklist Smp#: 16
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

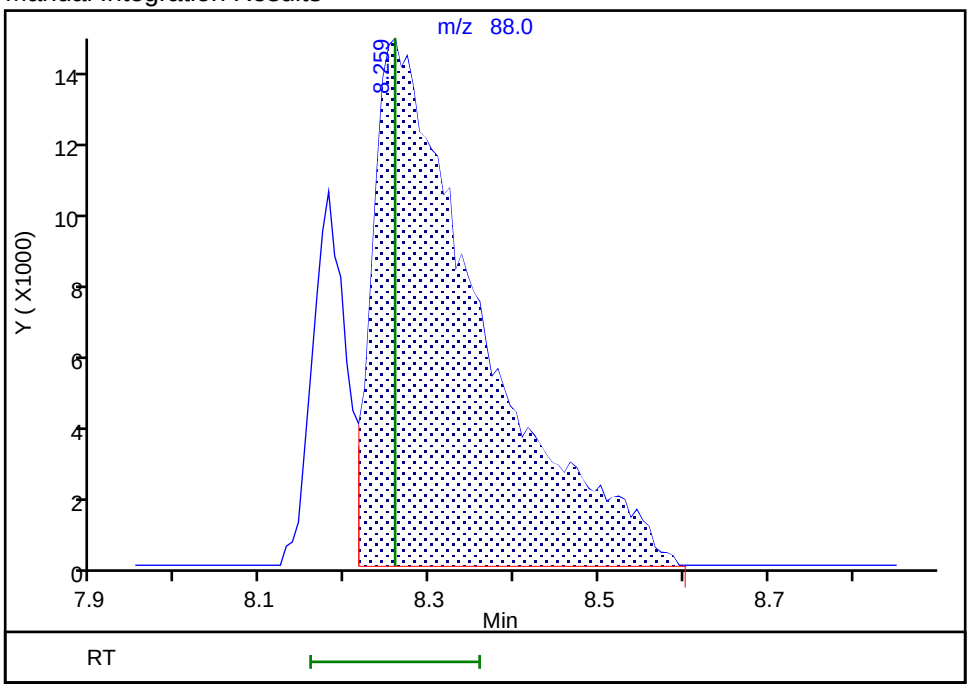
Processing Integration Results

RT: 8.26
Area: 136018
Amount: 625.0000
Amount Units: ug/l



Manual Integration Results

RT: 8.26
Area: 131701
Amount: 653.1672
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:38:50 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D
Lims ID: IC v100
Client ID:
Sample Type: IC Calib Level: 6
Inject. Date: 27-Jun-2025 17:20:30 ALS Bottle#: 13 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-013
Misc. Info.: IC V4
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:26:46 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 18:46:42

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.816	0.007	99	1187404	100.0	114.9	
6 Chloromethane	50	1.995	1.988	0.007	99	1365015	100.0	105.3	
8 Butadiene	39	2.088	2.081	0.007	92	1287771	100.0	111.2	
7 Vinyl chloride	62	2.095	2.088	0.007	98	1321012	100.0	110.1	
10 Bromomethane	94	2.410	2.403	0.007	90	874940	100.0	104.1	
11 Chloroethane	64	2.460	2.445	0.015	100	621677	100.0	103.9	
12 Dichlorofluoromethane	67	2.696	2.681	0.015	97	1900479	100.0	103.6	
13 Pentane	43	2.753	2.746	0.007	96	1125045	100.0	99.1	
14 Trichlorofluoromethane	101	2.774	2.767	0.007	99	1405611	100.0	112.2	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.025	3.017	0.008	93	886667	100.0	104.2	
18 Acrolein	56	3.082	3.082	0.000	99	2405187	975.9	1060.2	
19 1,1-Dichloroethene	96	3.232	3.218	0.014	98	569656	100.0	99.7	
20 Acetone	58	3.232	3.232	0.000	100	268891	200.0	215.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.261	0.014	94	784488	100.0	105.5	
22 Isopropyl alcohol	45	3.375	3.368	0.007	97	936673	500.0	447.4	
23 Iodomethane	142	3.418	3.404	0.014	98	1177165	100.0	102.8	
24 Carbon disulfide	76	3.518	3.511	0.007	99	2048983	100.0	98.5	
26 Methyl acetate	43	3.618	3.611	0.007	98	829093	100.0	109.3	
27 3-Chloro-1-propene	41	3.647	3.640	0.007	91	938778	100.0	95.3	
29 Methylene Chloride	84	3.818	3.811	0.007	92	685850	100.0	102.7	
* 28 t-Butyl alcohol-d10 (IS)	65	3.818	3.818	0.000	89	588331	250.0	250.0	
30 2-Methyl-2-propanol	59	3.933	3.926	0.007	99	1204028	500.0	507.9	M
31 Acrylonitrile	53	4.097	4.090	0.007	99	1089952	250.0	253.4	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	94	2325323	100.0	99.9	
33 trans-1,2-Dichloroethene	96	4.212	4.204	0.008	98	559540	100.0	98.4	
35 Hexane	57	4.633	4.633	0.000	93	979056	100.0	104.9	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	1034426	100.0	100.7	
38 Isopropyl ether	45	4.920	4.919	0.001	94	2131236	100.0	100.0	
39 2-Chloro-1,3-butadiene	53	4.970	4.969	0.001	90	923752	100.0	100.6	
41 Tert-butyl ethyl ether	59	5.477	5.470	0.007	97	2261111	100.0	101.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.670	5.670	0.000	100	1260386	200.0	202.5	
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	83	664730	100.0	99.3	
44 2,2-Dichloropropane	77	5.735	5.727	0.008	87	1059892	100.0	102.1	
45 Propionitrile	54	5.742	5.742	0.000	96	1084300	500.0	533.1	
47 Methyl acrylate	55	5.820	5.813	0.007	100	1027266	100.0	108.5	M
48 Methacrylonitrile	67	5.971	5.963	0.008	92	1117827	250.0	260.7	
50 Chlorobromomethane	128	6.049	6.042	0.007	96	338717	100.0	102.6	
51 Tetrahydrofuran	71	6.064	6.063	0.001	92	912928	500.0	519.0	
S 49 1,2-Dichloroethene, Total	100				0			197.8	
53 Chloroform	83	6.199	6.199	0.000	93	1014740	100.0	98.7	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	94	284854	50.0	49.3	
55 1,1,1-Trichloroethane	97	6.443	6.435	0.007	98	1028788	100.0	100.9	
56 Cyclohexane	56	6.557	6.550	0.007	91	1378268	100.0	104.0	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	98	864329	100.0	102.7	
58 Carbon tetrachloride	117	6.664	6.664	0.000	97	887964	100.0	106.0	
59 Isobutyl alcohol	41	6.800	6.800	0.000	96	959853	1250.0	1220.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	73004	50.0	49.8	
61 Benzene	78	6.922	6.922	0.000	96	2575284	100.0	101.0	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	97	823799	100.0	99.2	
64 Tert-amyl methyl ether	73	7.129	7.122	0.007	98	2219014	100.0	102.4	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1215034	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	93	978449	100.0	104.9	
67 n-Butanol	56	7.701	7.701	0.000	90	812783	1250.0	1387.2	
69 Trichloroethene	95	7.830	7.830	0.000	99	658099	100.0	101.0	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	1406498	100.0	105.3	
70 Ethyl acrylate	55	8.159	8.151	0.008	88	1395185	100.0	99.5	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	87	702154	100.0	102.2	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	91	1070510	100.0	104.1	
74 Methyl methacrylate	69	8.252	8.251	0.001	91	693454	100.0	105.4	
75 1,4-Dioxane	88	8.252	8.259	-0.007	32	263121	1250.0	1305.6	M
76 Dibromomethane	93	8.273	8.280	-0.007	97	445016	100.0	101.7	
78 Dichlorobromomethane	83	8.516	8.516	0.000	99	822982	100.0	105.3	
79 2-Nitropropane	41	8.766	8.759	0.007	97	1570726	500.0	541.0	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	92	483108	100.0	108.5	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	1106495	100.0	105.8	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	2550917	200.0	210.9	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1244751	50.0	49.2	
95 Toluene	92	9.496	9.496	0.000	98	1644773	100.0	100.1	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	92	1027523	100.0	103.4	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	1171929	100.0	101.1	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	629348	100.0	98.7	
S 112 1,3-Dichloropropene, Total	100				0			209.1	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	673240	100.0	99.7	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	1072406	100.0	102.5	
117 2-Hexanone	43	10.196	10.196	0.000	96	1821419	200.0	206.9	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	704471	100.0	106.6	
120 Ethylene Dibromide	107	10.490	10.489	0.001	98	691805	100.0	102.7	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	937504	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	910881	100.0	97.7	
132 Chlorobenzene	112	10.961	10.961	0.000	95	1882418	100.0	99.8	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	96	739352	100.0	105.1	
135 Ethylbenzene	91	11.054	11.054	0.000	98	3331795	100.0	100.0	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	2626381	200.0	200.6	
S 136 Xylenes, Total	106				0			301.5	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	1621336	100.0	101.0	
139 o-Xylene	106	11.512	11.505	0.007	96	1381604	100.0	100.9	
140 Styrene	104	11.526	11.526	0.000	95	2166734	100.0	101.0	
141 Bromoform	173	11.684	11.684	0.000	96	536034	100.0	110.5	
142 Isopropylbenzene	105	11.819	11.819	0.000	96	3330810	100.0	101.3	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	476097	50.0	49.2	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	95	1254643	100.0	103.3	
149 Bromobenzene	156	12.077	12.077	0.000	96	816735	100.0	102.4	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	91	900546	250.0	264.2	
150 1,2,3-Trichloropropane	110	12.106	12.105	0.001	83	367151	100.0	101.8	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	4187091	100.0	104.9	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	867682	100.0	103.2	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	3311264	100.0	105.9	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	840301	100.0	103.5	
156 tert-Butylbenzene	134	12.535	12.534	0.001	93	649853	100.0	108.6	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	3349903	100.0	104.0	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	4272902	100.0	107.4	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	97	1649183	100.0	100.7	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	3750430	100.0	107.8	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	539774	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.871	0.001	93	1672453	100.0	99.0	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	3640477	100.0	104.0	
168 Benzyl chloride	91	12.942	12.942	0.000	98	2621146	100.0	108.3	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	95	2167059	100.0	105.9	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	2257443	100.0	103.8	
171 n-Butylbenzene	92	13.107	13.106	0.001	98	1830259	100.0	104.9	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	1760209	100.0	100.7	
173 o-diethylbenzene	119	13.157	13.157	0.000	95	1900040	100.0	104.7	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.671	0.008	87	403355	100.0	104.0	
177 1,3,5-Trichlorobenzene	180	13.807	13.807	0.000	98	1443016	100.0	100.9	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	1440312	100.0	97.7	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	80	1712980	99.9	107.6	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	610292	100.0	98.4	
181 Naphthalene	128	14.408	14.408	0.000	97	5547869	100.0	97.9	
182 1,2,3-Trichlorobenzene	180	14.551	14.551	0.000	96	1489627	100.0	96.6	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	3325979	100.0	101.2	
S 235 Total Diethylbenzene	1				0			314.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	4.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	5.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added:	2.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	5.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:26:46 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D

Injection Date: 27-Jun-2025 17:20:30 Instrument ID: 9355 Operator ID: kas02648

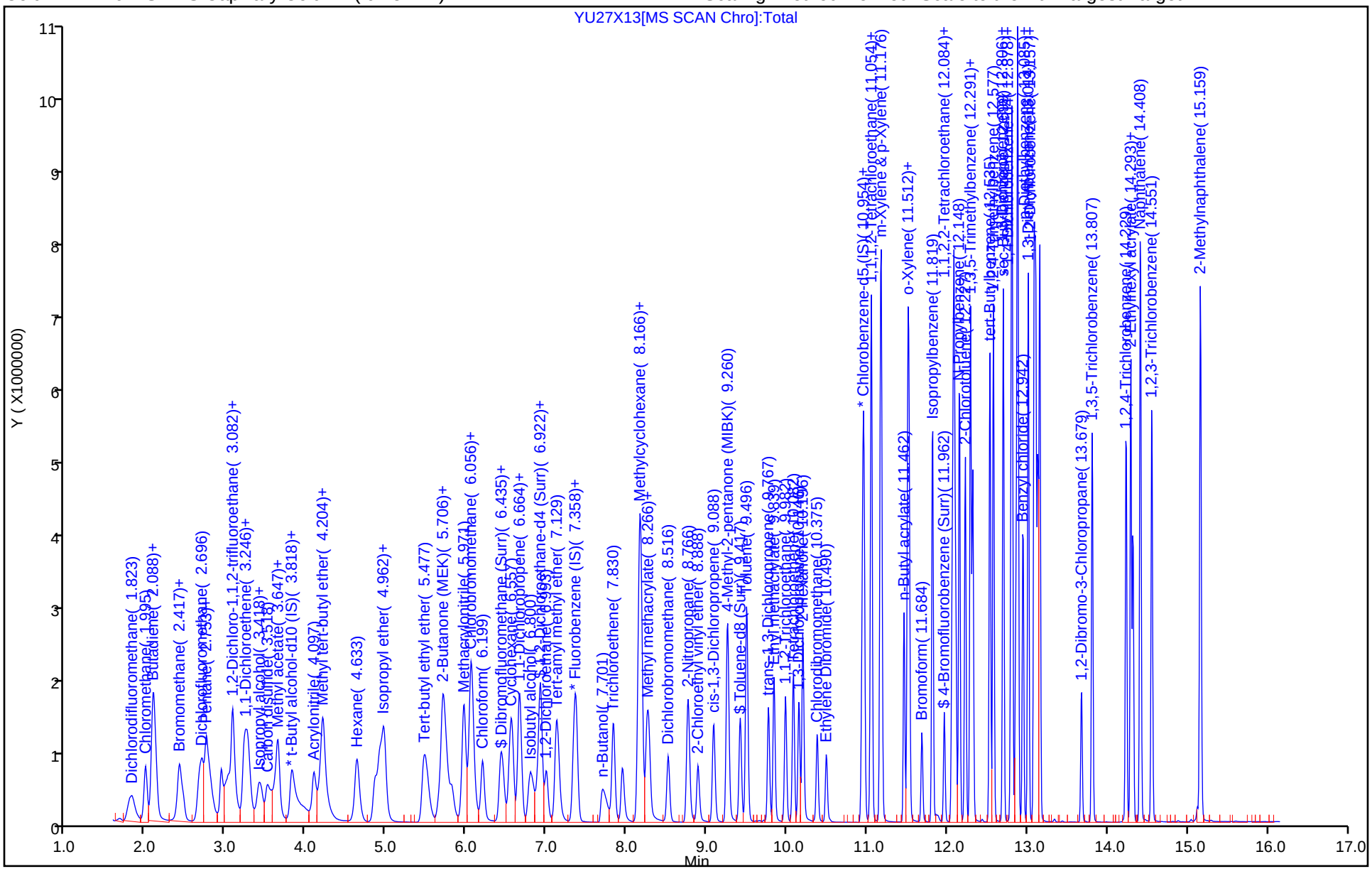
Lims ID: IC v100 Worklist Smp#: 17

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 13

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

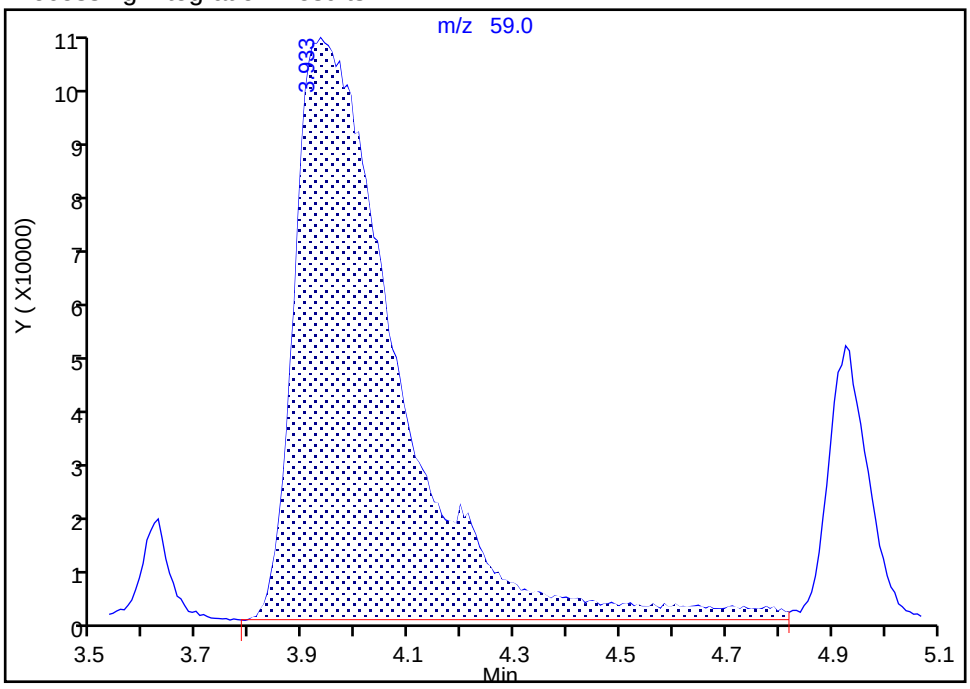
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D
Injection Date: 27-Jun-2025 17:20:30 Instrument ID: 9355
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

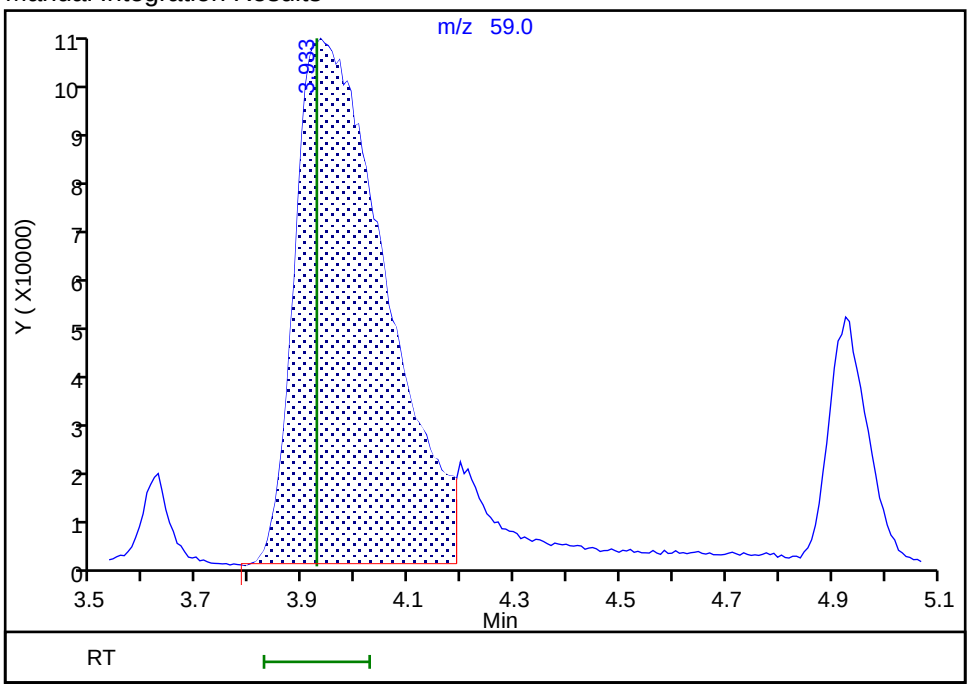
Processing Integration Results

RT: 3.93
Area: 1367238
Amount: 536.7093
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 1204028
Amount: 507.9489
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:45:49 -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

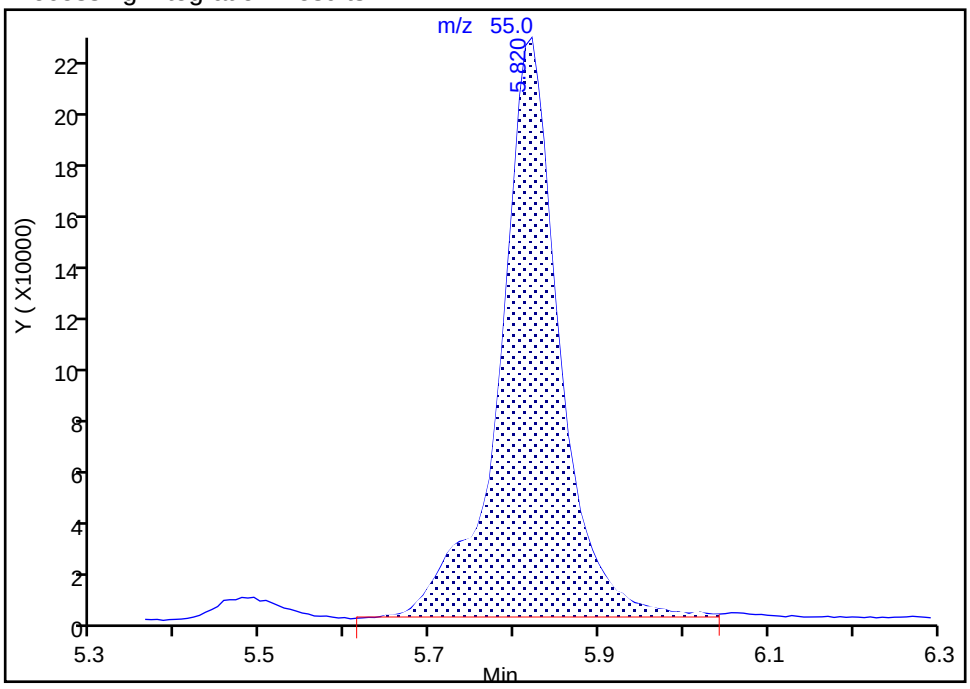
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D				
Injection Date:	27-Jun-2025 17:20:30	Instrument ID:	9355		
Lims ID:	IC v100				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	13	Worklist Smp#:	17
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

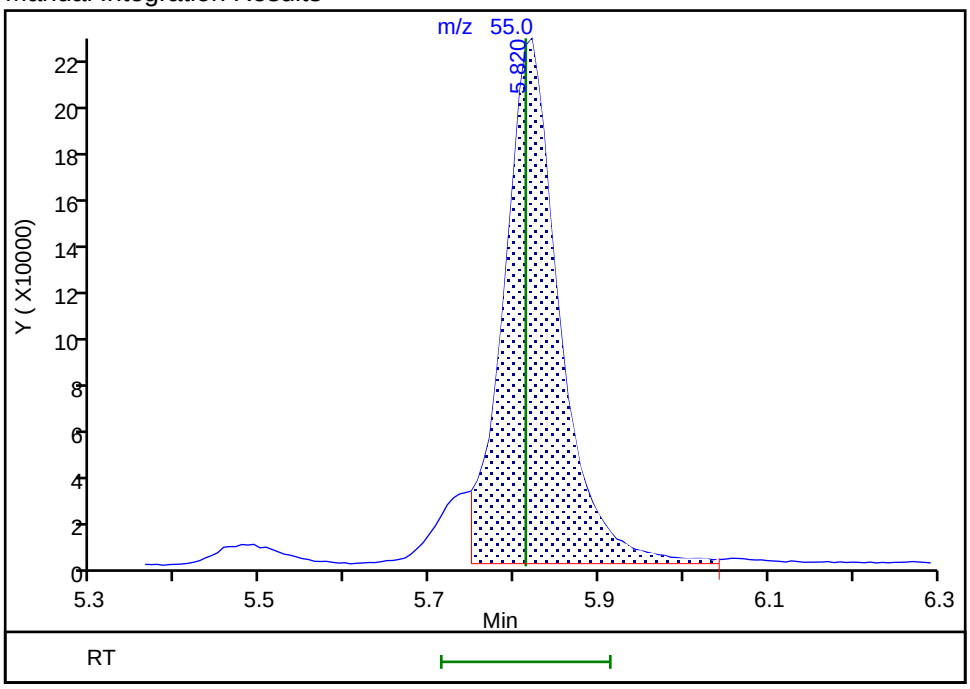
Processing Integration Results

RT: 5.82
Area: 1107598
Amount: 103.8696
Amount Units: ug/l



Manual Integration Results

RT: 5.82
Area: 1027266
Amount: 108.5362
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:46:00 -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

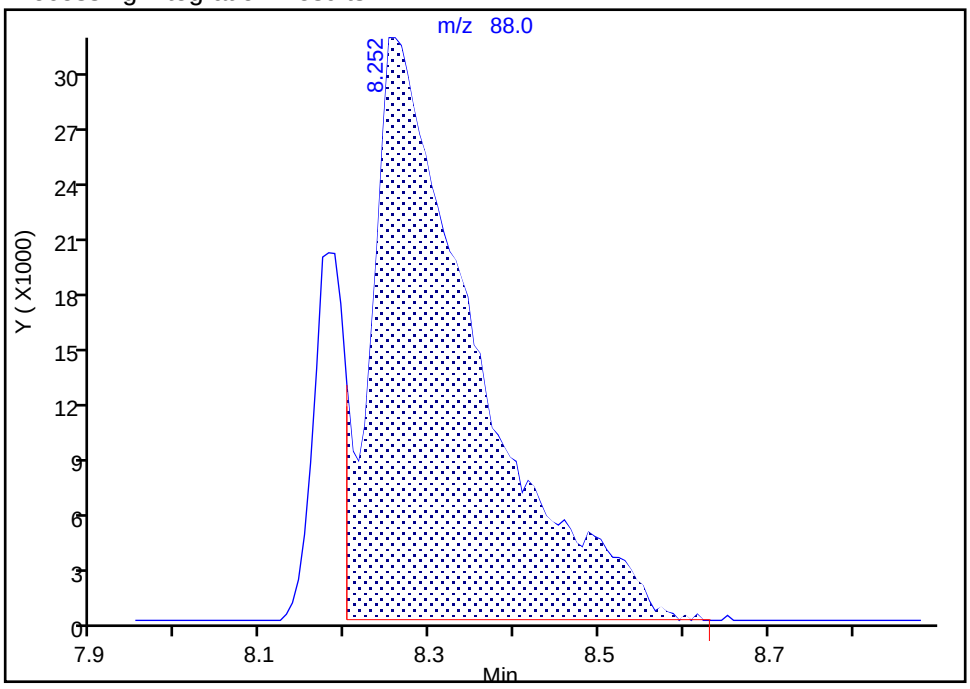
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X13.D
Injection Date: 27-Jun-2025 17:20:30 Instrument ID: 9355
Lims ID: IC v100
Client ID:
Operator ID: kas02648 ALS Bottle#: 13 Worklist Smp#: 17
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

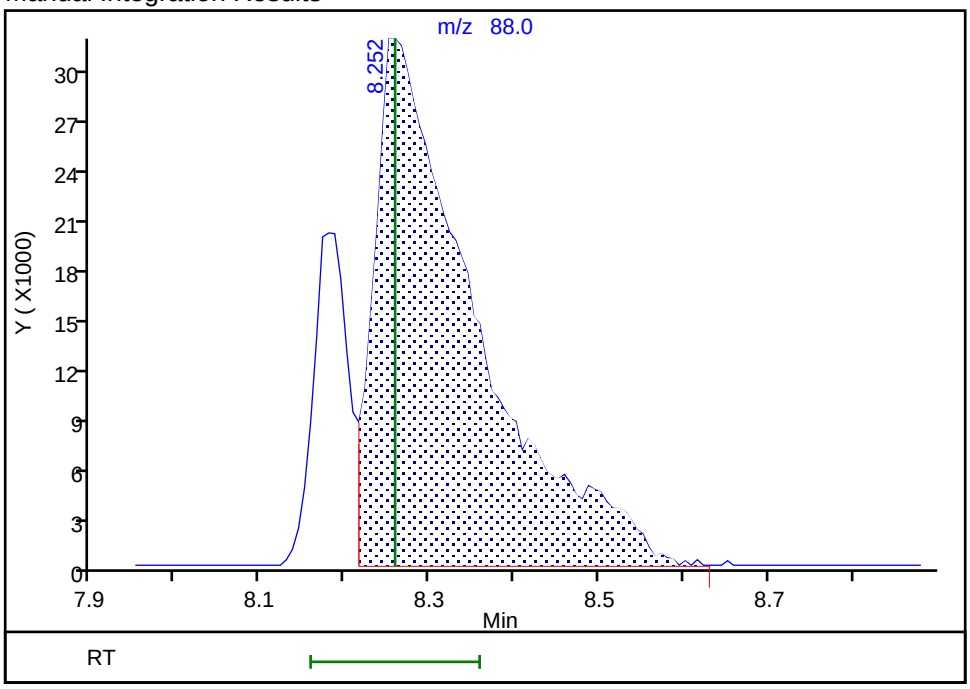
Processing Integration Results

RT: 8.25
Area: 272502
Amount: 1291.9736
Amount Units: ug/l



Manual Integration Results

RT: 8.25
Area: 263121
Amount: 1305.6373
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:46:19 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D
Lims ID: IC v300
Client ID:
Sample Type: IC Calib Level: 7
Inject. Date: 27-Jun-2025 16:57:30 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151826-012
Misc. Info.: IC V1
Operator ID: kas02648 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub90

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 14:27:02 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: Y6ZN Date: 27-Jun-2025 18:42:51

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.816	0.007	99	3223297	300.0	306.5	
6 Chloromethane	50	1.995	1.988	0.007	99	3772944	300.0	286.1	
8 Butadiene	39	2.095	2.081	0.014	92	3508332	300.0	297.7	
7 Vinyl chloride	62	2.102	2.088	0.014	98	3542017	300.0	290.1	
10 Bromomethane	94	2.410	2.403	0.007	90	2316669	300.0	270.9	
11 Chloroethane	64	2.453	2.445	0.008	100	1697150	300.0	278.8	
12 Dichlorofluoromethane	67	2.696	2.681	0.015	97	5228152	300.0	280.2	
13 Pentane	43	2.753	2.746	0.007	97	3553417	300.0	307.6	
14 Trichlorofluoromethane	101	2.774	2.767	0.007	98	3866517	300.0	303.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.032	3.017	0.015	95	2497858	300.0	288.4	
18 Acrolein	56	3.082	3.082	0.000	99	7073796	2927.6	3080.4	
19 1,1-Dichloroethene	96	3.246	3.218	0.028	98	1786472	300.0	307.2	
20 Acetone	58	3.232	3.232	0.000	100	741052	600.0	586.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.261	0.014	93	2365251	300.0	312.6	
22 Isopropyl alcohol	45	3.375	3.368	0.007	97	2604467	1500.0	1229.0	
23 Iodomethane	142	3.432	3.404	0.028	98	3585355	300.0	307.9	
24 Carbon disulfide	76	3.554	3.511	0.043	99	6659804	300.0	314.8	M
26 Methyl acetate	43	3.618	3.611	0.007	98	2443087	300.0	316.6	
27 3-Chloro-1-propene	41	3.647	3.640	0.007	93	2805633	300.0	279.8	
29 Methylene Chloride	84	3.833	3.811	0.022	94	2073506	300.0	305.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.825	3.818	0.007	86	595510	250.0	250.0	
30 2-Methyl-2-propanol	59	3.933	3.926	0.007	99	3346161	1500.0	1394.6	M
31 Acrylonitrile	53	4.097	4.090	0.007	98	3194403	750.0	729.9	
32 Methyl tert-butyl ether	73	4.197	4.190	0.007	95	6758533	300.0	285.4	
33 trans-1,2-Dichloroethene	96	4.204	4.204	0.000	99	1664703	300.0	287.8	
35 Hexane	57	4.633	4.633	0.000	97	2827967	300.0	297.7	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	3040769	300.0	291.0	
38 Isopropyl ether	45	4.927	4.919	0.007	94	6388350	300.0	294.7	
39 2-Chloro-1,3-butadiene	53	4.969	4.969	0.000	90	2701115	300.0	289.1	
41 Tert-butyl ethyl ether	59	5.484	5.470	0.014	98	6747576	300.0	298.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.663	5.670	-0.007	99	3656535	600.0	577.3	
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	82	1936103	300.0	284.4	
44 2,2-Dichloropropane	77	5.742	5.727	0.015	88	3196476	300.0	302.7	
45 Propionitrile	54	5.734	5.742	-0.008	97	3255351	1500.0	1581.2	
47 Methyl acrylate	55	5.813	5.813	0.000	100	2995981	300.1	311.1	M
48 Methacrylonitrile	67	5.970	5.963	0.007	92	3246752	750.0	744.1	
50 Chlorobromomethane	128	6.049	6.042	0.007	96	993385	300.0	295.7	
51 Tetrahydrofuran	71	6.071	6.063	0.008	91	2698152	1500.0	1515.4	
S 49 1,2-Dichloroethene, Total	100				0			572.2	
53 Chloroform	83	6.199	6.199	0.000	93	2962509	300.0	283.1	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	94	287319	50.0	48.9	
55 1,1,1-Trichloroethane	97	6.450	6.435	0.015	98	3178413	300.0	306.4	
56 Cyclohexane	56	6.564	6.550	0.014	91	4254245	300.0	315.5	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	98	2551654	300.0	297.9	
58 Carbon tetrachloride	117	6.671	6.664	0.007	97	2730068	300.0	320.2	
59 Isobutyl alcohol	41	6.800	6.800	0.000	95	2800545	3750.0	3518.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.886	0.007	98	74126	50.0	49.7	
61 Benzene	78	6.921	6.922	-0.001	96	7529682	300.0	290.4	
62 1,2-Dichloroethane	62	7.000	6.993	0.007	97	2449027	300.0	290.0	M
64 Tert-amyl methyl ether	73	7.129	7.122	0.007	98	6844207	300.0	310.5	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1236216	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	93	2812006	300.0	296.3	
67 n-Butanol	56	7.701	7.701	0.000	88	2436929	3750.0	4109.1	
69 Trichloroethene	95	7.830	7.830	0.000	99	1955004	300.0	295.0	
71 Methylcyclohexane	83	8.158	8.151	0.007	91	4333418	300.0	318.9	
70 Ethyl acrylate	55	8.158	8.151	0.007	84	4407244	300.1	308.8	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	92	2102502	300.0	300.7	
73 2-ethoxy-2-methyl butane	87	8.187	8.180	0.007	92	3302199	300.0	315.5	
74 Methyl methacrylate	69	8.251	8.251	0.000	91	2090907	300.0	312.5	
75 1,4-Dioxane	88	8.266	8.259	0.007	31	772702	3750.0	3788.0	M
76 Dibromomethane	93	8.280	8.280	0.000	97	1337735	300.0	300.5	
78 Dichlorobromomethane	83	8.516	8.516	0.000	100	2492047	300.0	313.5	
79 2-Nitropropane	41	8.766	8.759	0.007	97	4735192	1500.0	1611.2	
80 2-Chloroethyl vinyl ether	63	8.888	8.888	0.000	91	1503573	300.0	331.9	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	3387781	300.0	318.3	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	96	7616665	600.0	619.0	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1284088	50.0	48.1	
95 Toluene	92	9.496	9.496	0.000	98	4938336	300.0	284.6	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	93	3180757	300.0	303.1	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	3505077	300.0	286.4	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	1929538	300.0	286.6	
S 112 1,3-Dichloropropene, Total	100				0			621.3	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	2052588	300.0	287.9	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	3306899	300.0	299.2	
117 2-Hexanone	43	10.196	10.196	0.000	96	5450489	600.0	586.4	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	2225255	300.0	318.8	
120 Ethylene Dibromide	107	10.489	10.489	0.000	99	2131102	300.0	299.6	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.933	0.007	87	989882	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.947	0.007	98	2748444	300.0	279.1	
132 Chlorobenzene	112	10.961	10.961	0.000	95	5734797	300.0	287.8	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	97	2264460	300.0	304.9	
135 Ethylbenzene	91	11.054	11.054	0.000	98	9964900	300.0	283.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	97	7952946	600.0	575.2	
S 136 Xylenes, Total	106				0			864.6	
138 n-Butyl acrylate	55	11.462	11.462	0.000	97	4836276	299.9	285.3	
139 o-Xylene	106	11.512	11.505	0.007	96	4183833	300.0	289.4	
140 Styrene	104	11.526	11.526	0.000	94	6617652	300.0	292.0	
141 Bromoform	173	11.683	11.684	-0.001	96	1716303	300.0	335.0	
142 Isopropylbenzene	105	11.819	11.819	0.000	96	9762343	300.0	281.2	
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	88	517333	50.0	50.7	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	93	3901606	300.0	284.2	
149 Bromobenzene	156	12.077	12.077	0.000	97	2590257	300.0	287.3	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.084	0.007	92	2845182	750.0	738.3	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	82	1135105	300.0	278.4	
151 N-Propylbenzene	91	12.155	12.148	0.007	98	11954574	300.0	264.9	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	2693294	300.0	283.4	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	95	9878024	300.0	279.3	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	2661617	300.0	290.0	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	2073285	300.0	306.5	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	9988186	300.0	274.2	
159 sec-Butylbenzene	105	12.699	12.699	0.000	95	12140375	300.0	269.8	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	97	5132174	300.0	277.1	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	96	10825727	300.0	275.1	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	96	610361	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.871	0.008	92	5217560	300.0	273.3	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	10851467	300.0	274.3	
168 Benzyl chloride	91	12.949	12.942	0.007	98	8108258	300.0	296.2	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	94	6512200	300.0	281.5	
170 p-Diethylbenzene	119	13.085	13.085	0.000	93	6878106	300.0	279.7	
171 n-Butylbenzene	92	13.106	13.106	0.000	96	5527678	300.0	280.1	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	97	5449968	300.0	275.7	
173 o-diethylbenzene	119	13.156	13.157	-0.001	95	5877345	300.0	286.3	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.671	0.007	87	1253313	300.0	285.9	
177 1,3,5-Trichlorobenzene	180	13.814	13.807	0.007	98	4286679	300.0	265.1	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	4138494	300.0	248.3	
179 2-Ethylhexyl acrylate	55	14.293	14.293	0.000	79	4823325	299.8	268.0	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	1658790	300.0	236.5	
181 Naphthalene	128	14.408	14.408	0.000	99	13571170	300.0	211.9	e
182 1,2,3-Trichlorobenzene	180	14.558	14.551	0.007	96	4128986	300.0	236.8	
183 2-Methylnaphthalene	142	15.159	15.159	-0.001	91	7958825	300.0	214.2	
S 235 Total Diethylbenzene	1				0			847.5	

QC Flag Legend

Processing Flags

e - Potential Peak Saturated

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_VOC#1_00241	Amount Added:	15.00	Units: uL	
MSV_CCV_VOC#3_00242	Amount Added:	12.00	Units: uL	
MSV_CCV_2CEVE_00233	Amount Added:	15.00	Units: uL	
MSV_CCV_GASES_01062	Amount Added:	7.50	Units: uL	
MSV_CCV_OH_Sp_00022	Amount Added:	15.00	Units: uL	
MSV_HP20_ISSS_00151	Amount Added:	1.00	Units: uL	Run Reagent

Report Date: 30-Jun-2025 14:27:03 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D

Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355 Operator ID: kas02648

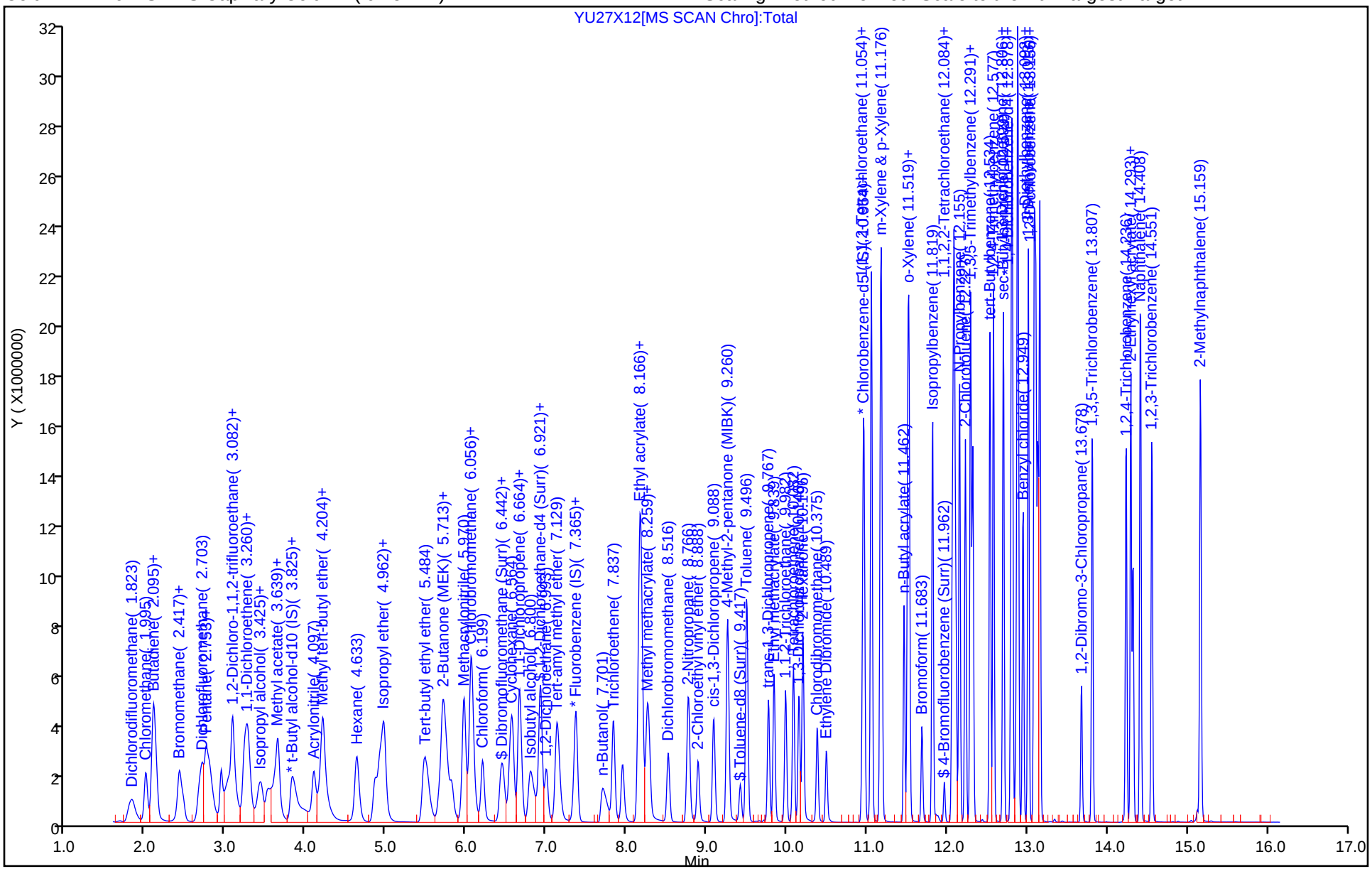
Lims ID: IC v300 Worklist Smp#: 18

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 12

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

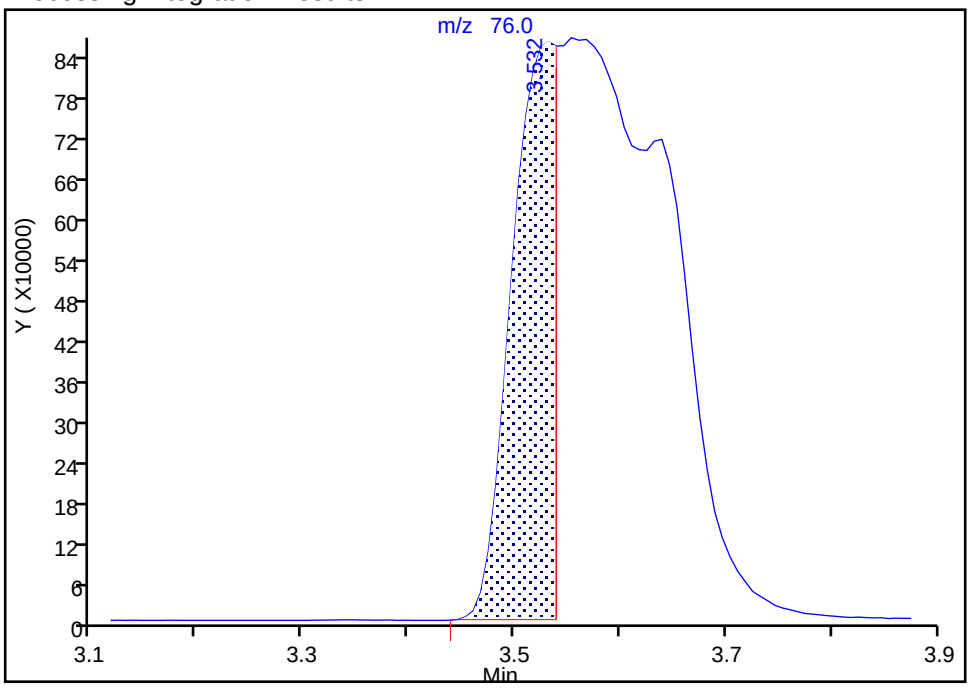
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D
Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

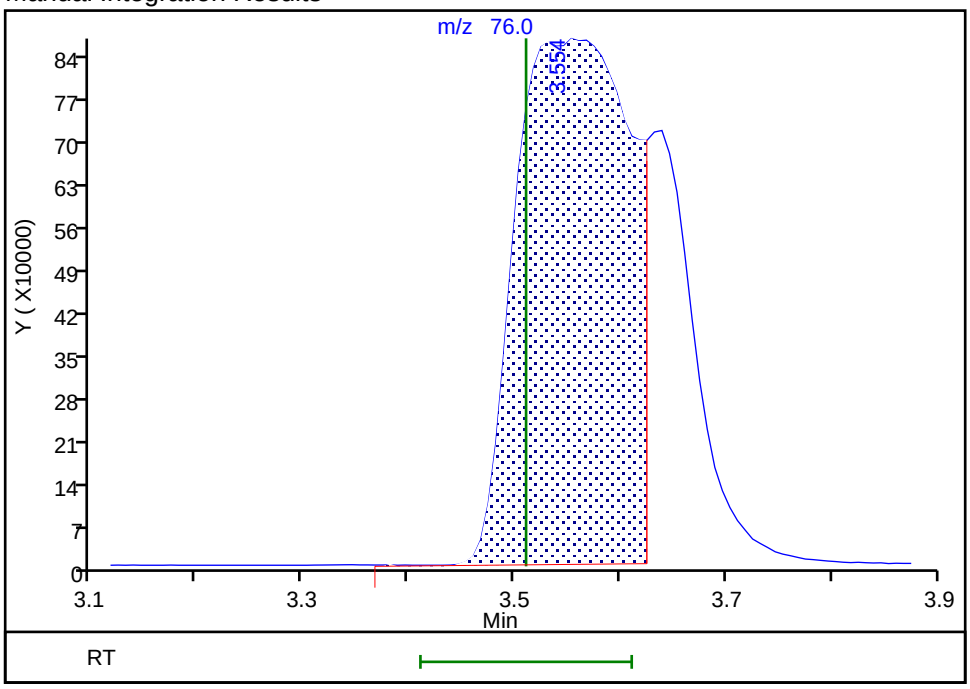
Processing Integration Results

RT: 3.53
Area: 2568139
Amount: 140.9862
Amount Units: ug/l



Manual Integration Results

RT: 3.55
Area: 6659804
Amount: 314.8068
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:42:01 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

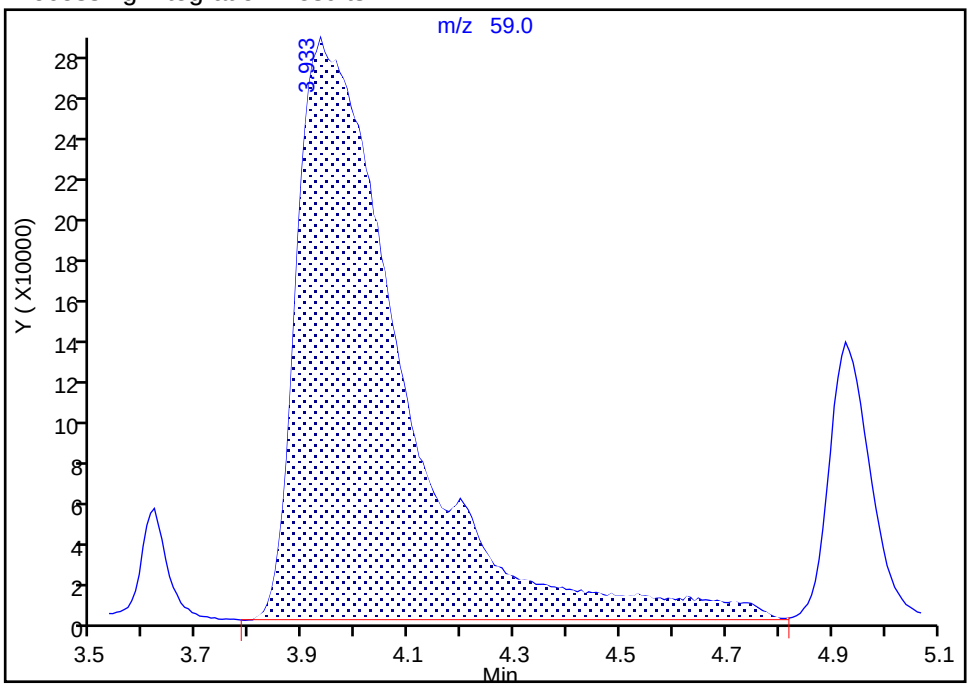
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D
Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

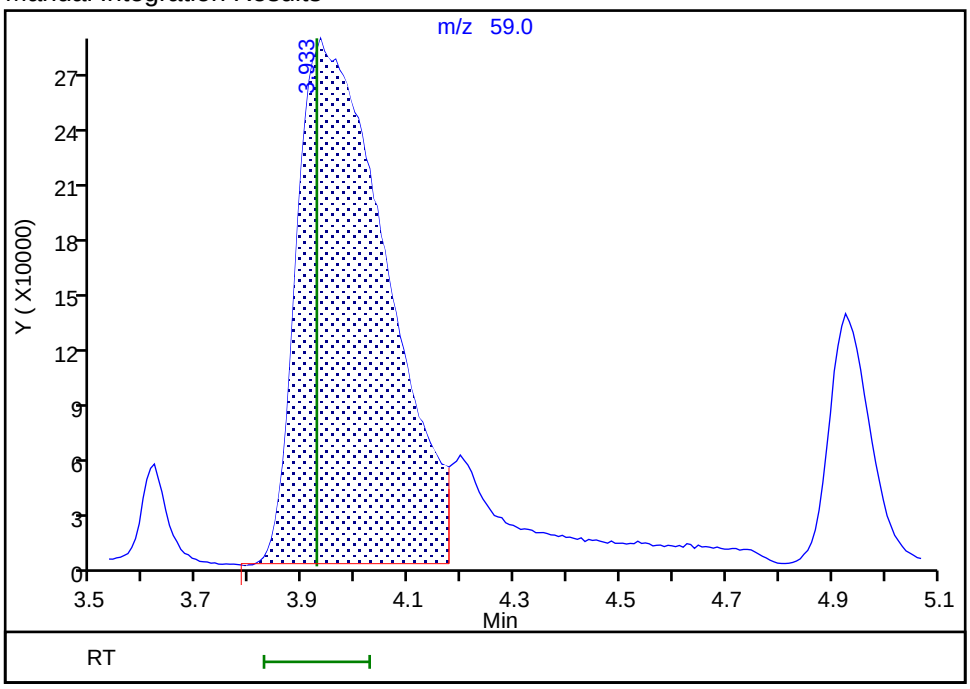
Processing Integration Results

RT: 3.93
Area: 3976034
Amount: 1481.6543
Amount Units: ug/l



Manual Integration Results

RT: 3.93
Area: 3346161
Amount: 1394.6426
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:42:23 -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

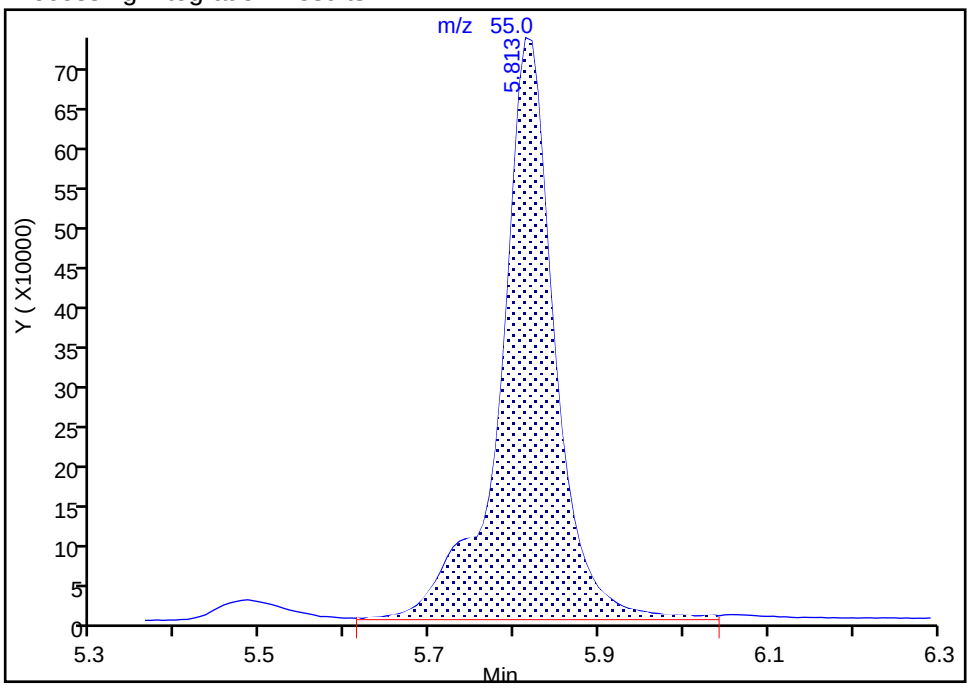
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D
Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

47 Methyl acrylate, CAS: 96-33-3

Signal: 1

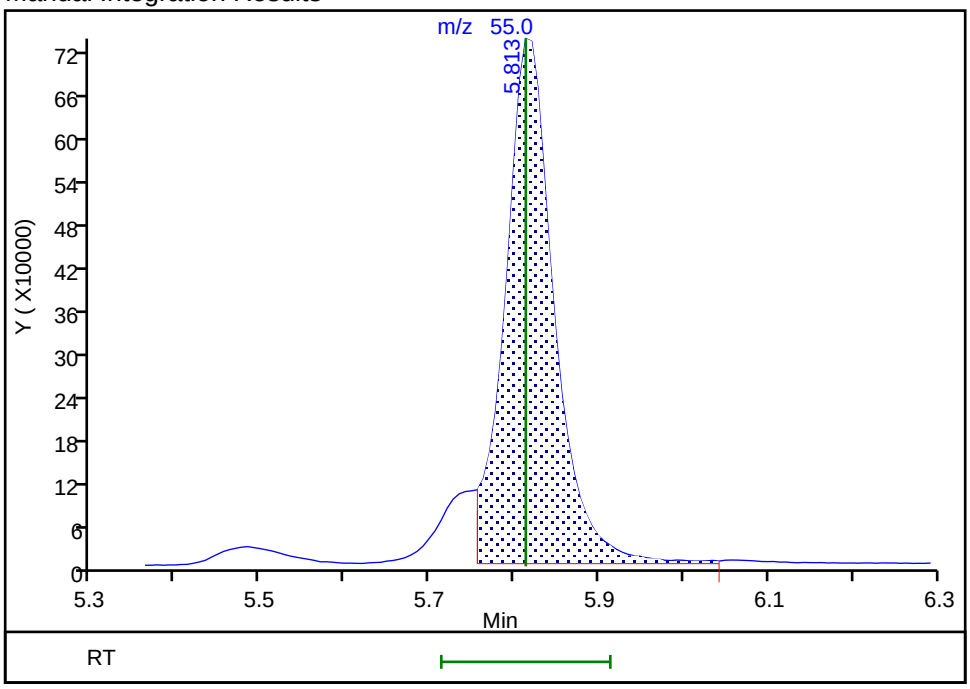
Processing Integration Results

RT: 5.81
Area: 3300975
Amount: 297.2951
Amount Units: ug/l



Manual Integration Results

RT: 5.81
Area: 2995981
Amount: 311.1178
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:42:37 -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

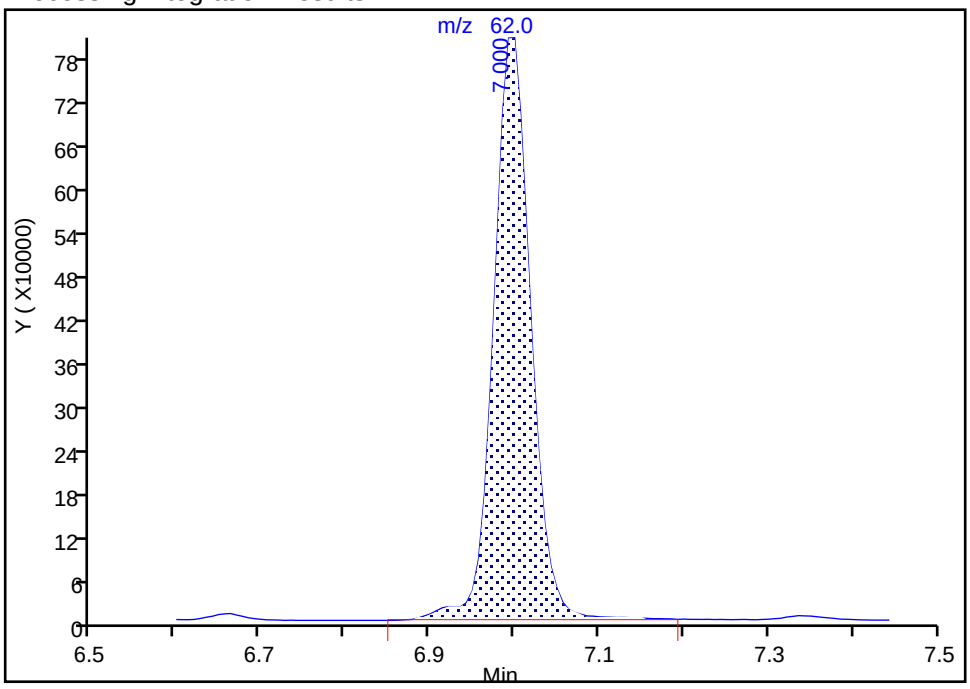
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D
Injection Date: 27-Jun-2025 16:57:30 Instrument ID: 9355
Lims ID: IC v300
Client ID:
Operator ID: kas02648 ALS Bottle#: 12 Worklist Smp#: 18
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

62 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

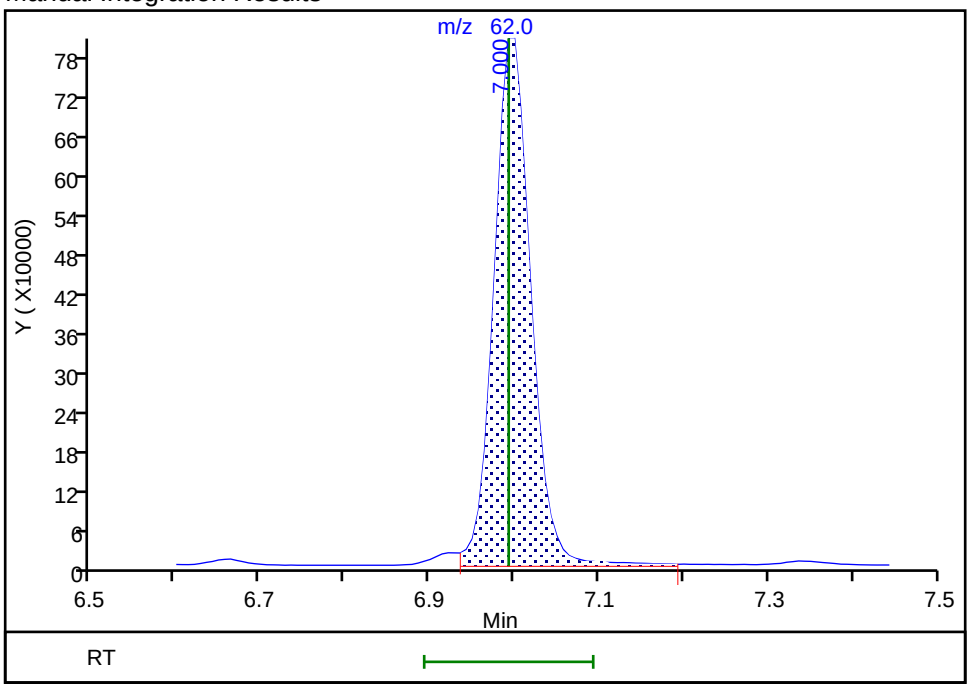
Processing Integration Results

RT: 7.00
Area: 2487311
Amount: 292.0005
Amount Units: ug/l



Manual Integration Results

RT: 7.00
Area: 2449027
Amount: 289.9682
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:43:22 -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

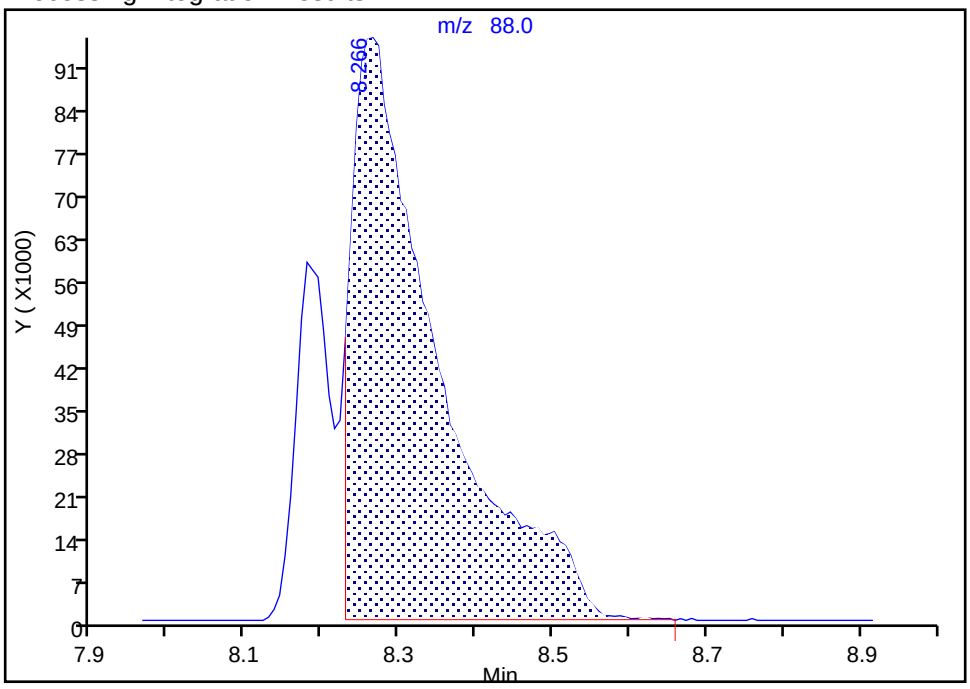
Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X12.D				
Injection Date:	27-Jun-2025 16:57:30	Instrument ID:	9355		
Lims ID:	IC v300				
Client ID:					
Operator ID:	kas02648	ALS Bottle#:	12	Worklist Smp#:	18
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

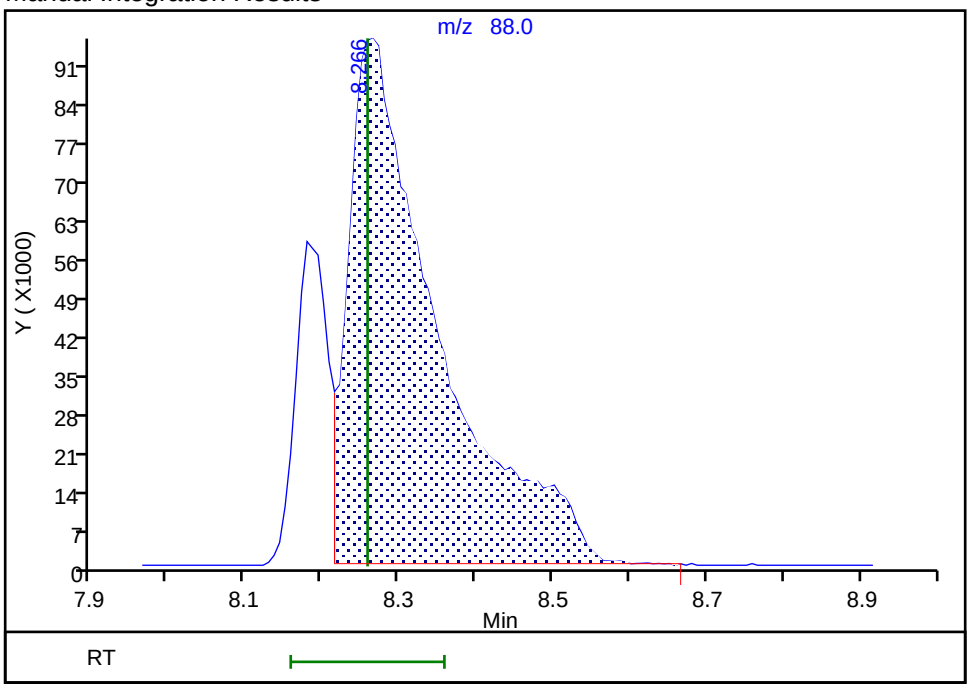
Processing Integration Results

RT: 8.27
Area: 749702
Amount: 3537.0053
Amount Units: ug/l



Manual Integration Results

RT: 8.27
Area: 772702
Amount: 3788.0155
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 18:44:19 -04:00:00 (UTC)

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

Calibration / Dichlorodifluoromethane

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

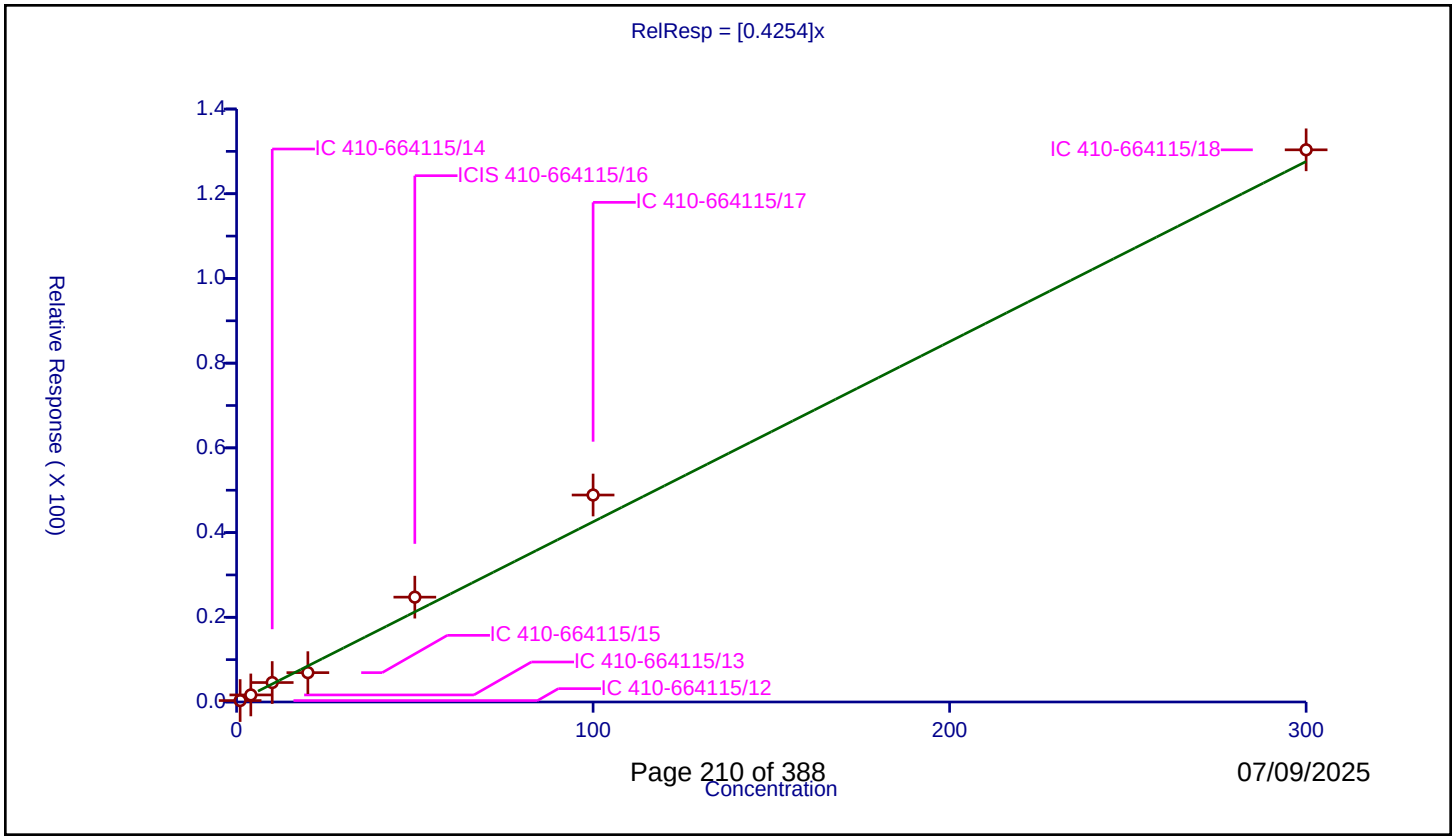
Curve Coefficients

Intercept:	0
Slope:	0.4254

Error Coefficients

Relative Standard Deviation:	14.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.337712	50.0	1142543.0	0.337712	Y
2	IC 410-664115/13	4.0	1.664712	50.0	1188043.0	0.416178	Y
3	IC 410-664115/14	10.0	4.592284	50.0	1175646.0	0.459228	Y
4	IC 410-664115/15	20.0	6.927333	50.0	1196550.0	0.346367	Y
5	ICIS 410-664115/16	50.0	24.752302	50.0	1189958.0	0.495046	Y
6	IC 410-664115/17	100.0	48.862995	50.0	1215034.0	0.48863	Y
7	IC 410-664115/18	300.0	130.36949	50.0	1236216.0	0.434565	Y



Calibration / Chloromethane

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

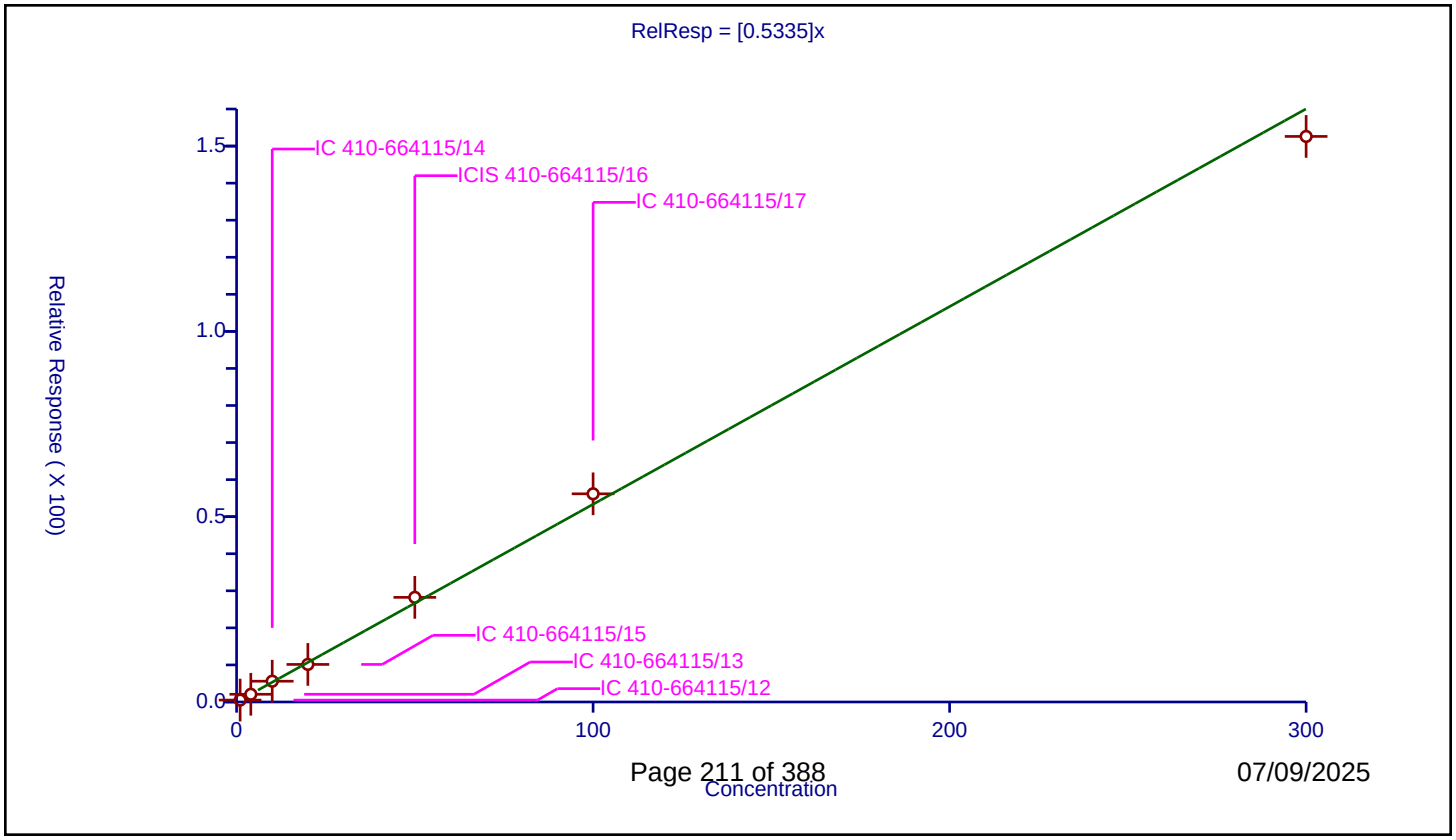
Curve Coefficients

Intercept:	0
Slope:	0.5335

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.511666	50.0	1142543.0	0.511666	Y
2	IC 410-664115/13	4.0	2.080859	50.0	1188043.0	0.520215	Y
3	IC 410-664115/14	10.0	5.605897	50.0	1175646.0	0.56059	Y
4	IC 410-664115/15	20.0	10.135055	50.0	1196550.0	0.506753	Y
5	ICIS 410-664115/16	50.0	28.233097	50.0	1189958.0	0.564662	Y
6	IC 410-664115/17	100.0	56.171885	50.0	1215034.0	0.561719	Y
7	IC 410-664115/18	300.0	152.600516	50.0	1236216.0	0.508668	Y



Calibration / Butadiene

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

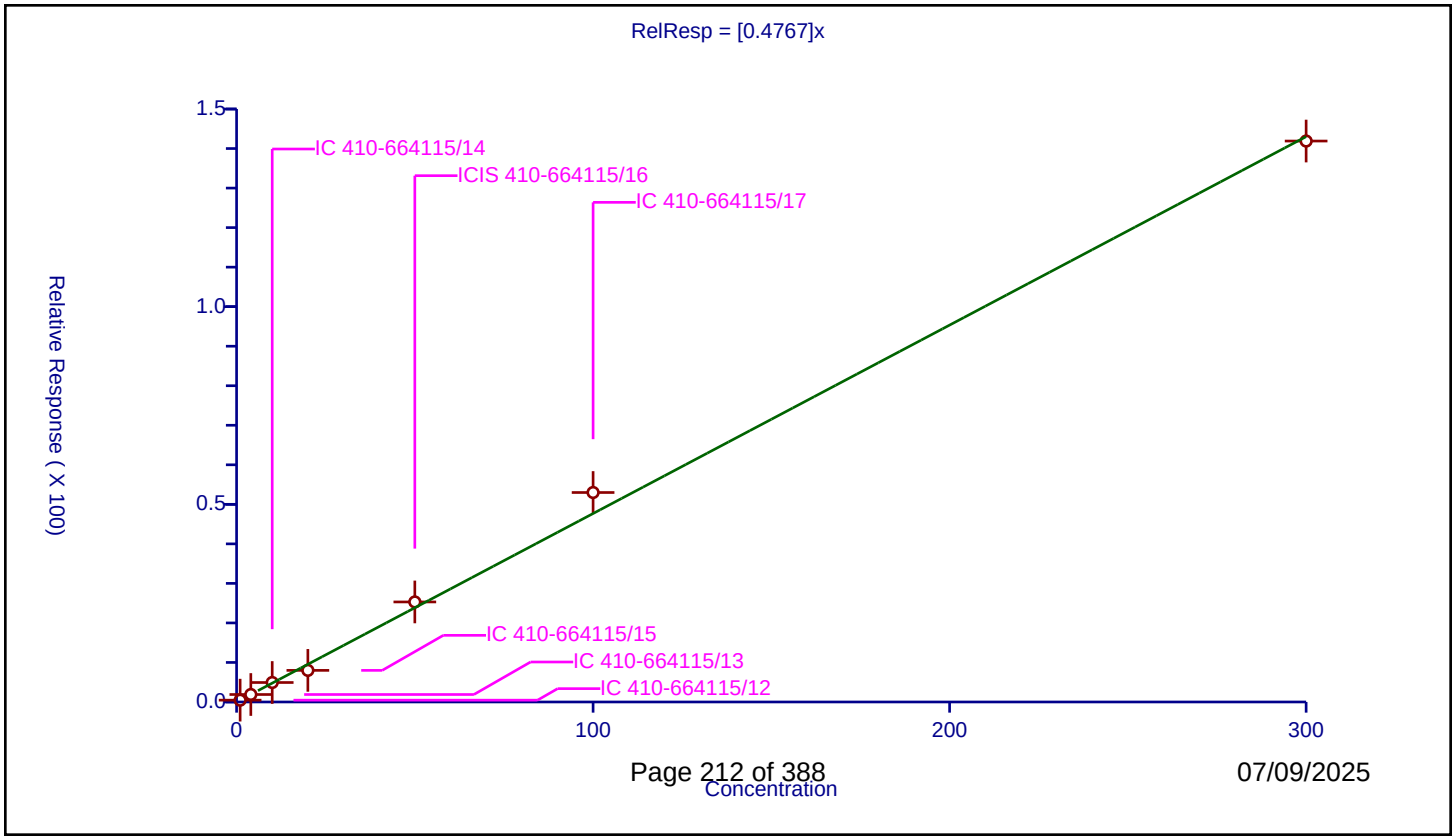
Curve Coefficients

Intercept:	0
Slope:	0.4767

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.461821	50.0	1142543.0	0.461821	Y
2	IC 410-664115/13	4.0	1.895049	50.0	1188043.0	0.473762	Y
3	IC 410-664115/14	10.0	4.926526	50.0	1175646.0	0.492653	Y
4	IC 410-664115/15	20.0	7.993774	50.0	1196550.0	0.399689	Y
5	ICIS 410-664115/16	50.0	25.304002	50.0	1189958.0	0.50608	Y
6	IC 410-664115/17	100.0	52.993208	50.0	1215034.0	0.529932	Y
7	IC 410-664115/18	300.0	141.898018	50.0	1236216.0	0.472993	Y



Calibration / Vinyl chloride

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

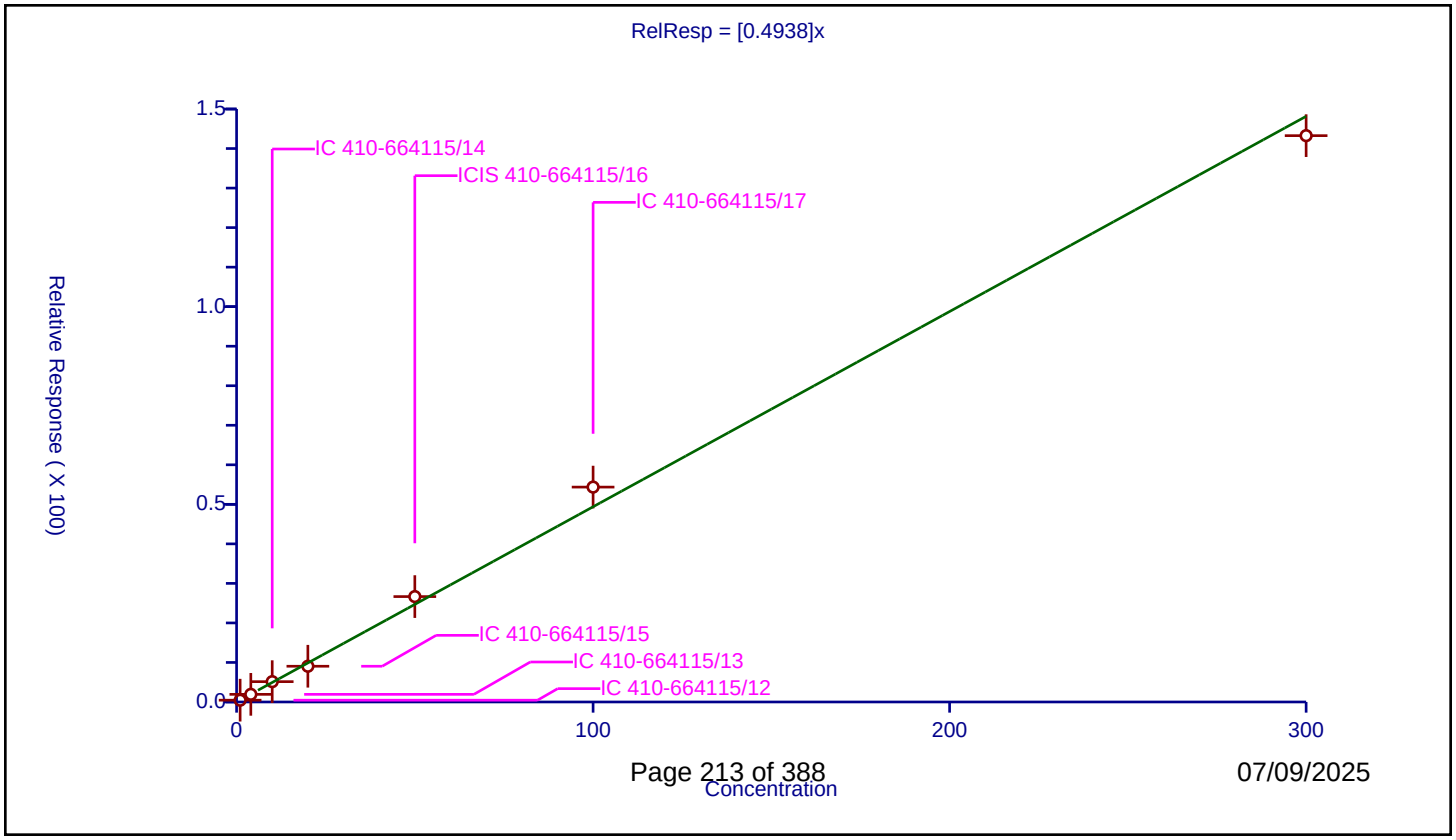
Curve Coefficients

Intercept:	0
Slope:	0.4938

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.452587	50.0	1142543.0	0.452587	Y
2	IC 410-664115/13	4.0	1.933979	50.0	1188043.0	0.483495	Y
3	IC 410-664115/14	10.0	5.142534	50.0	1175646.0	0.514253	Y
4	IC 410-664115/15	20.0	9.042664	50.0	1196550.0	0.452133	Y
5	ICIS 410-664115/16	50.0	26.662286	50.0	1189958.0	0.533246	Y
6	IC 410-664115/17	100.0	54.361113	50.0	1215034.0	0.543611	Y
7	IC 410-664115/18	300.0	143.260442	50.0	1236216.0	0.477535	Y



Calibration / Bromomethane

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

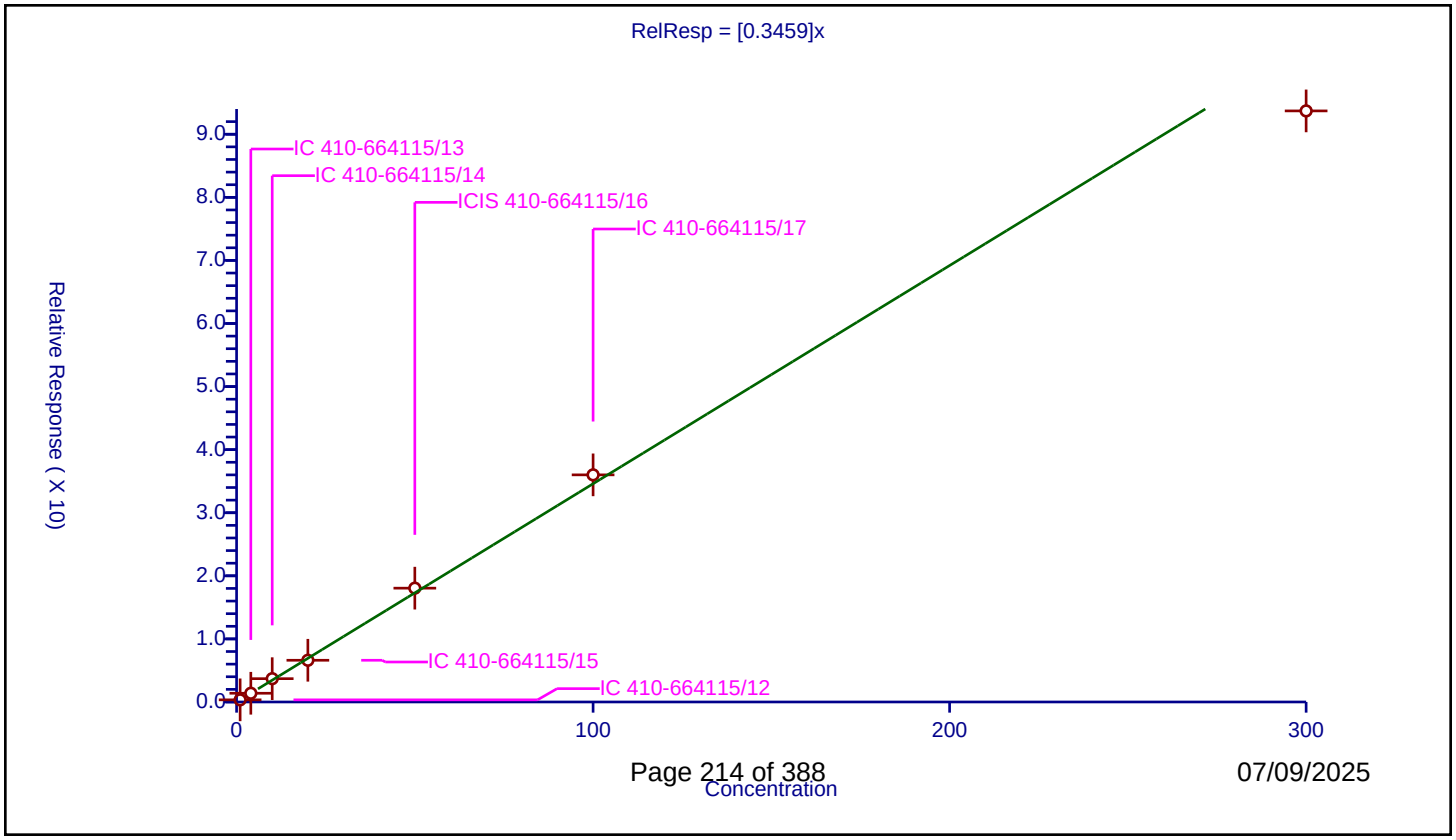
Curve Coefficients

Intercept:	0
Slope:	0.3459

Error Coefficients

Relative Standard Deviation:	5.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.3413	50.0	1142543.0	0.3413	Y
2	IC 410-664115/13	4.0	1.385893	50.0	1188043.0	0.346473	Y
3	IC 410-664115/14	10.0	3.698307	50.0	1175646.0	0.369831	Y
4	IC 410-664115/15	20.0	6.61435	50.0	1196550.0	0.330717	Y
5	ICIS 410-664115/16	50.0	18.045679	50.0	1189958.0	0.360914	Y
6	IC 410-664115/17	100.0	36.004754	50.0	1215034.0	0.360048	Y
7	IC 410-664115/18	300.0	93.700009	50.0	1236216.0	0.312333	Y



Calibration / Chloroethane

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

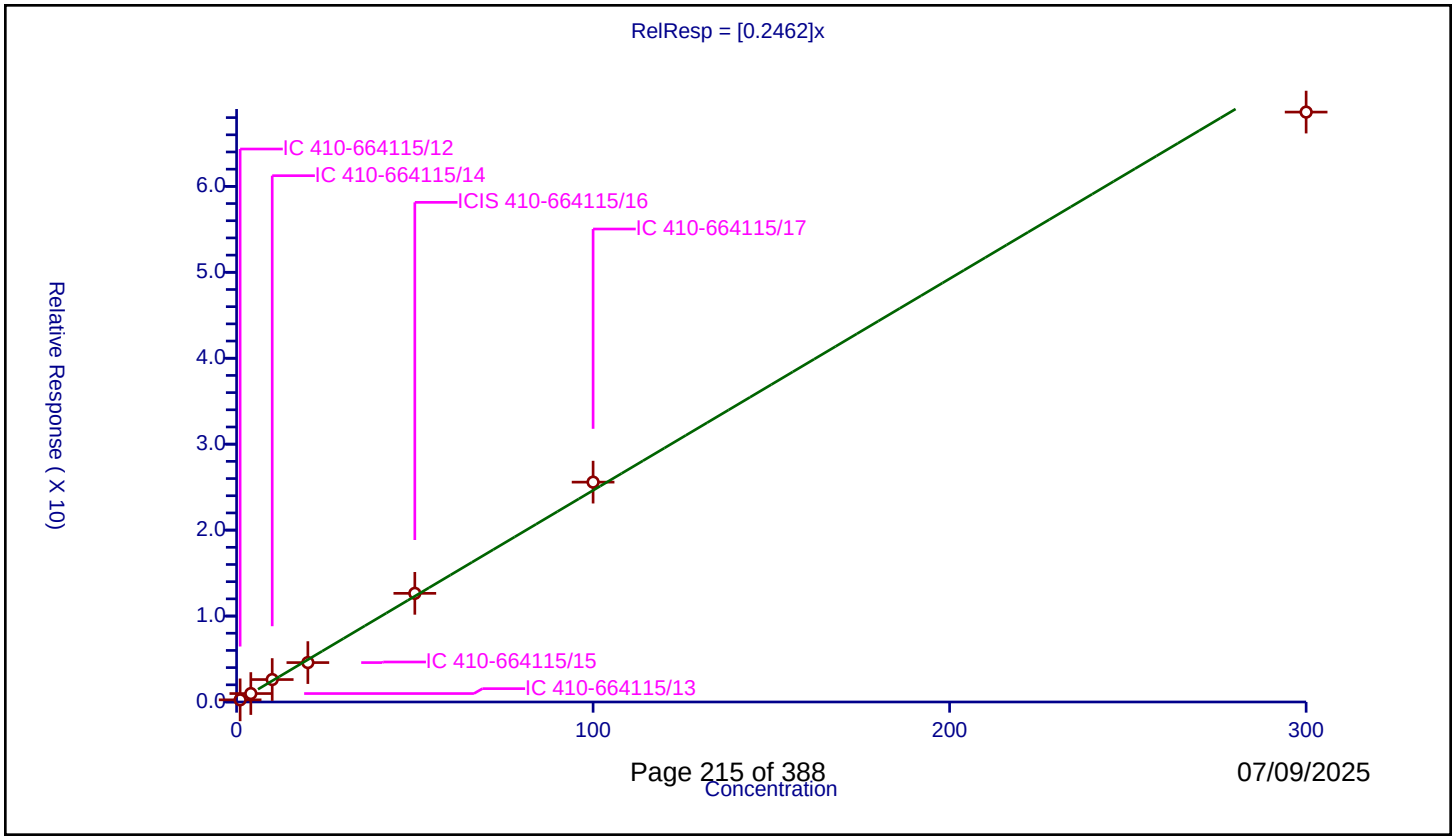
Curve Coefficients

Intercept:	0
Slope:	0.2462

Error Coefficients

Relative Standard Deviation:	5.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.250713	50.0	1142543.0	0.250713	Y
2	IC 410-664115/13	4.0	0.98052	50.0	1188043.0	0.24513	Y
3	IC 410-664115/14	10.0	2.610139	50.0	1175646.0	0.261014	Y
4	IC 410-664115/15	20.0	4.586143	50.0	1196550.0	0.229307	Y
5	ICIS 410-664115/16	50.0	12.642421	50.0	1189958.0	0.252848	Y
6	IC 410-664115/17	100.0	25.5827	50.0	1215034.0	0.255827	Y
7	IC 410-664115/18	300.0	68.642939	50.0	1236216.0	0.22881	Y



Calibration / Dichlorofluoromethane

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

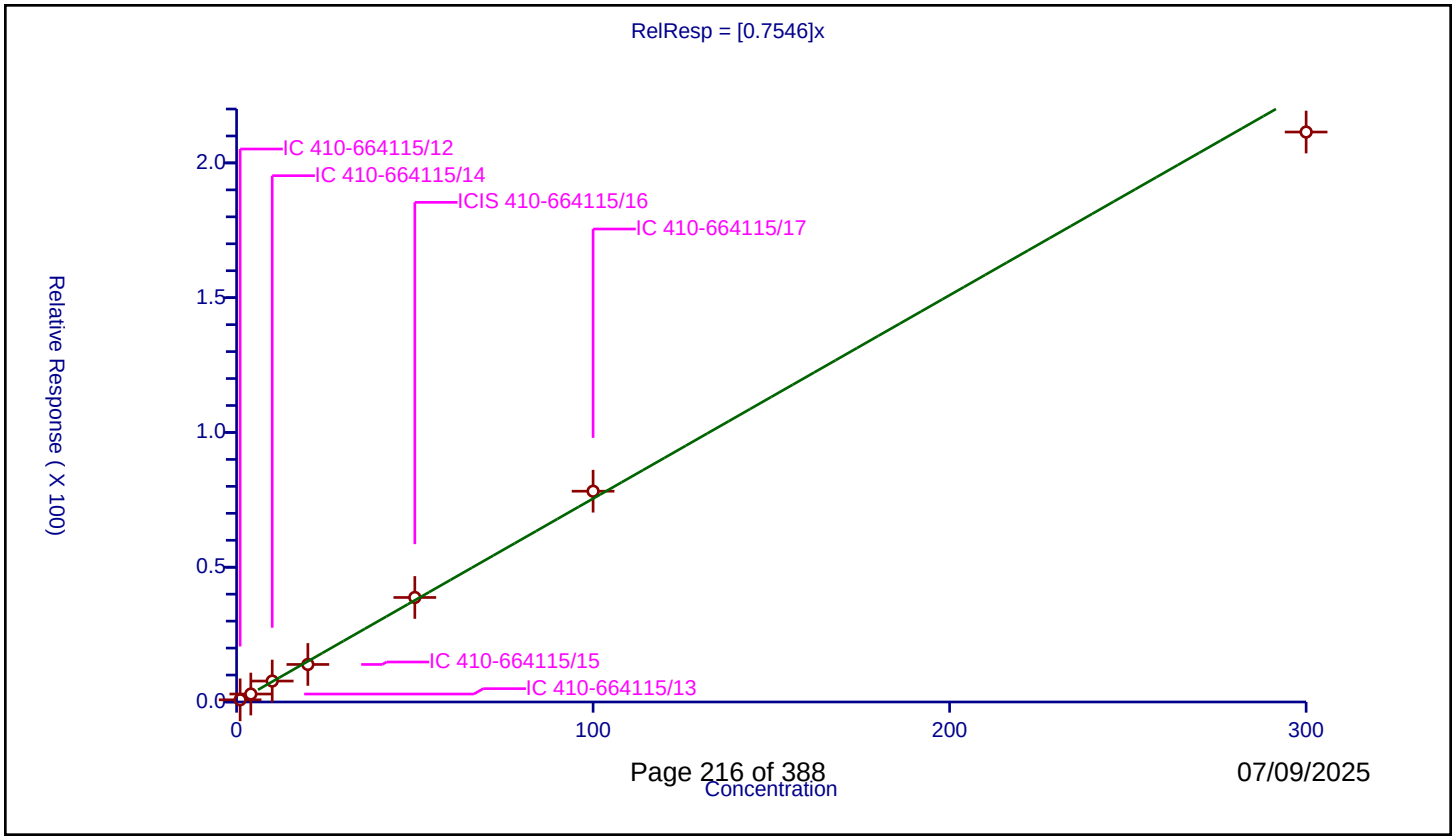
Curve Coefficients

Intercept:	0
Slope:	0.7546

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.807541	50.0	1142543.0	0.807541	Y
2	IC 410-664115/13	4.0	2.957974	50.0	1188043.0	0.739493	Y
3	IC 410-664115/14	10.0	7.767432	50.0	1175646.0	0.776743	Y
4	IC 410-664115/15	20.0	13.921942	50.0	1196550.0	0.696097	Y
5	ICIS 410-664115/16	50.0	38.777293	50.0	1189958.0	0.775546	Y
6	IC 410-664115/17	100.0	78.206824	50.0	1215034.0	0.782068	Y
7	IC 410-664115/18	300.0	211.457868	50.0	1236216.0	0.70486	Y



Calibration / Pentane

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

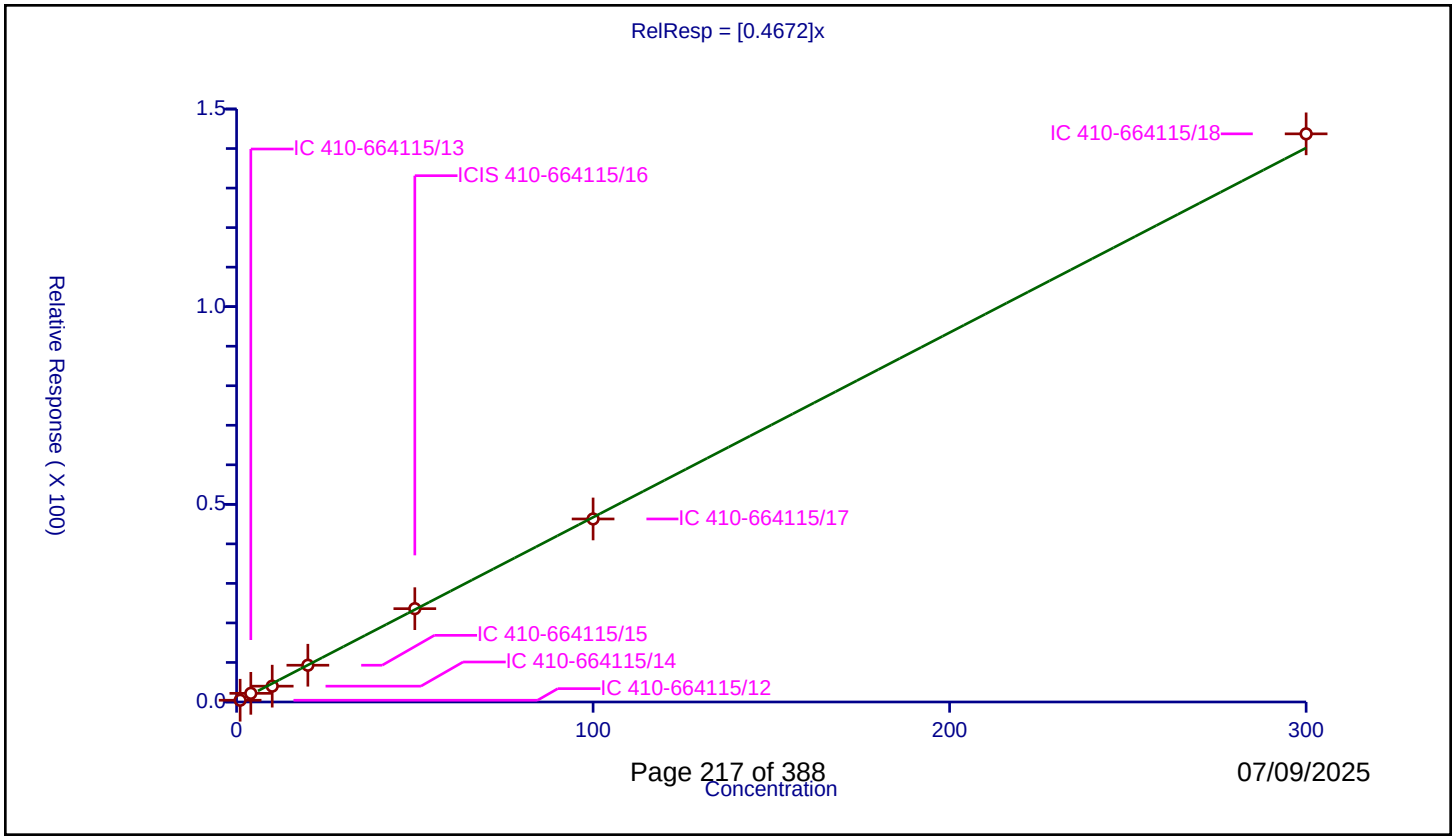
Curve Coefficients

Intercept:	0
Slope:	0.4672

Error Coefficients

Relative Standard Deviation:	9.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.444228	50.0	1142543.0	0.444228	Y
2	IC 410-664115/13	4.0	2.186916	50.0	1188043.0	0.546729	Y
3	IC 410-664115/14	10.0	4.005117	50.0	1175646.0	0.400512	Y
4	IC 410-664115/15	20.0	9.296812	50.0	1196550.0	0.464841	Y
5	ICIS 410-664115/16	50.0	23.603942	50.0	1189958.0	0.472079	Y
6	IC 410-664115/17	100.0	46.296853	50.0	1215034.0	0.462969	Y
7	IC 410-664115/18	300.0	143.721526	50.0	1236216.0	0.479072	Y



Calibration / Trichlorofluoromethane

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

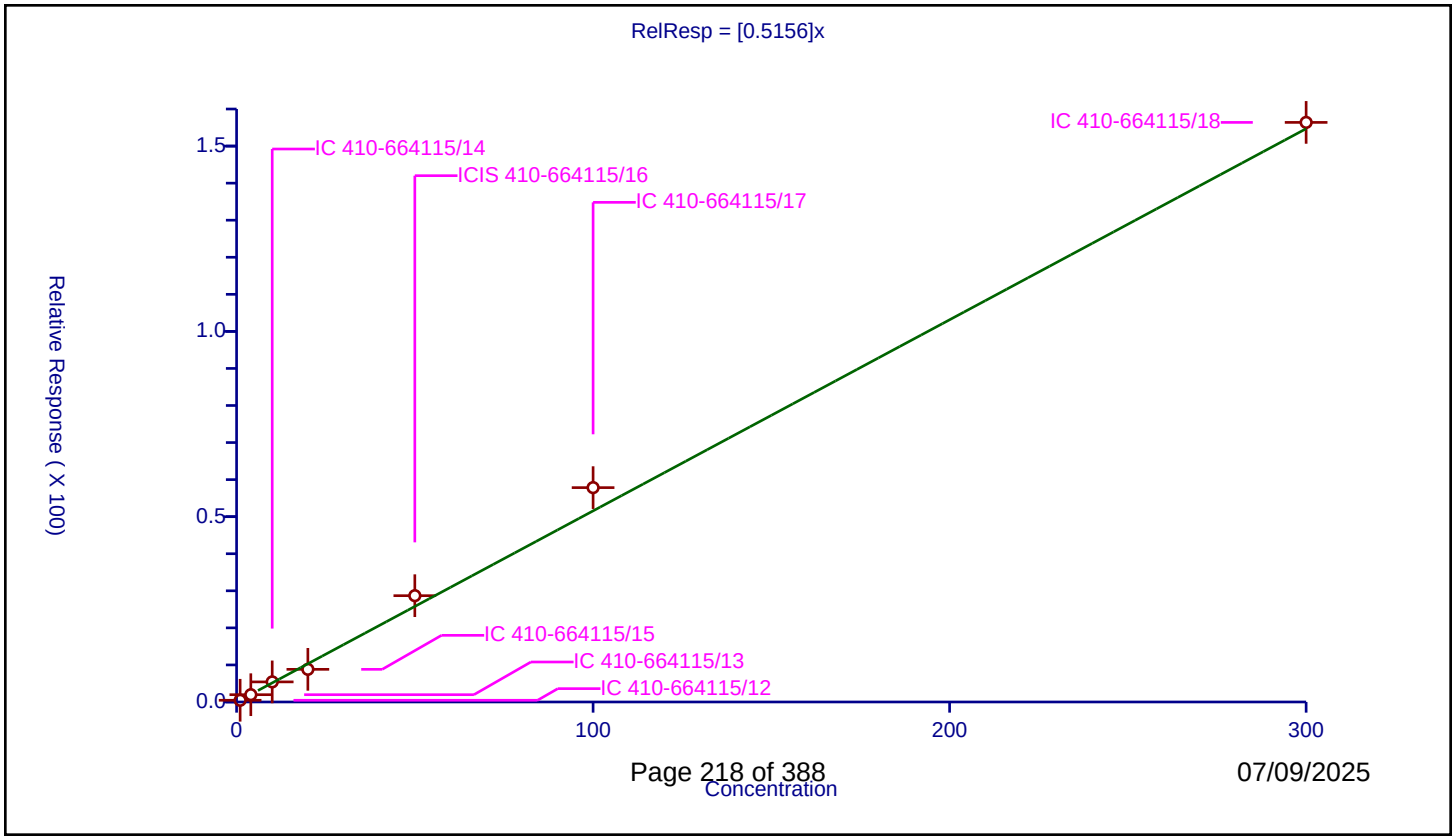
Curve Coefficients

Intercept:	0
Slope:	0.5156

Error Coefficients

Relative Standard Deviation:	10.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.461558	50.0	1142543.0	0.461558	Y
2	IC 410-664115/13	4.0	1.967185	50.0	1188043.0	0.491796	Y
3	IC 410-664115/14	10.0	5.422168	50.0	1175646.0	0.542217	Y
4	IC 410-664115/15	20.0	8.809619	50.0	1196550.0	0.440481	Y
5	ICIS 410-664115/16	50.0	28.68387	50.0	1189958.0	0.573677	Y
6	IC 410-664115/17	100.0	57.842455	50.0	1215034.0	0.578425	Y
7	IC 410-664115/18	300.0	156.385171	50.0	1236216.0	0.521284	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

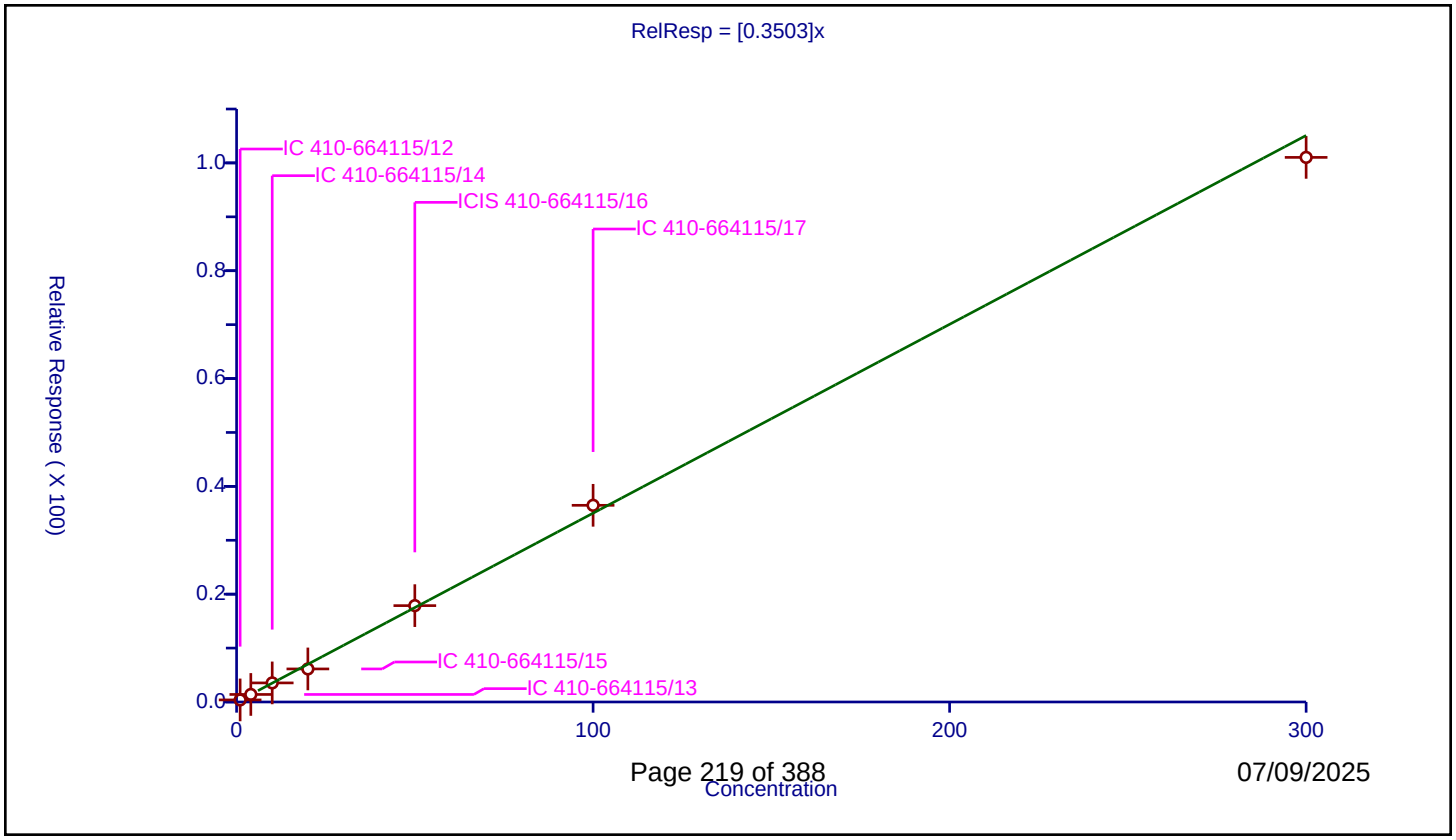
Curve Coefficients

Intercept:	0
Slope:	0.3503

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.38318	50.0	1142543.0	0.38318	Y
2	IC 410-664115/13	4.0	1.397929	50.0	1188043.0	0.349482	Y
3	IC 410-664115/14	10.0	3.538863	50.0	1175646.0	0.353886	Y
4	IC 410-664115/15	20.0	6.129121	50.0	1196550.0	0.306456	Y
5	ICIS 410-664115/16	50.0	17.873446	50.0	1189958.0	0.357469	Y
6	IC 410-664115/17	100.0	36.487333	50.0	1215034.0	0.364873	Y
7	IC 410-664115/18	300.0	101.02838	50.0	1236216.0	0.336761	Y



Calibration / Acrolein

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

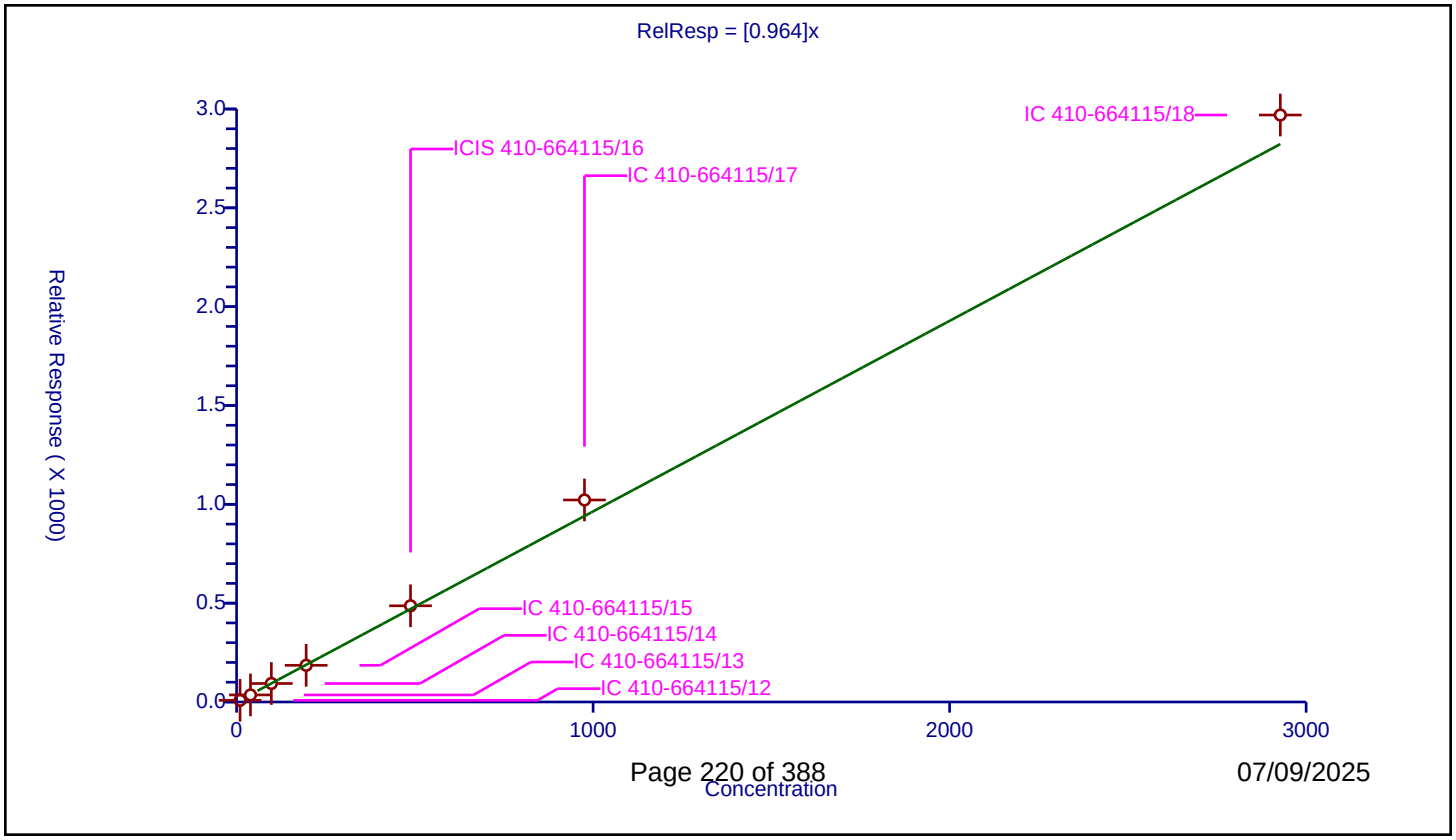
Curve Coefficients

Intercept:	0
Slope:	0.964

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	9.758805	8.435938	250.0	581115.0	0.864444	Y
2	IC 410-664115/13	39.03522	35.737398	250.0	579470.0	0.915517	Y
3	IC 410-664115/14	97.588049	93.551141	250.0	595113.0	0.958633	Y
4	IC 410-664115/15	195.176098	185.530625	250.0	595430.0	0.950581	Y
5	ICIS 410-664115/16	487.940246	486.73309	250.0	588645.0	0.997526	Y
6	IC 410-664115/17	975.880491	1022.038189	250.0	588331.0	1.047299	Y
7	IC 410-664115/18	2927.641474	2969.637789	250.0	595510.0	1.014345	Y



Calibration / 1,1-Dichloroethene

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

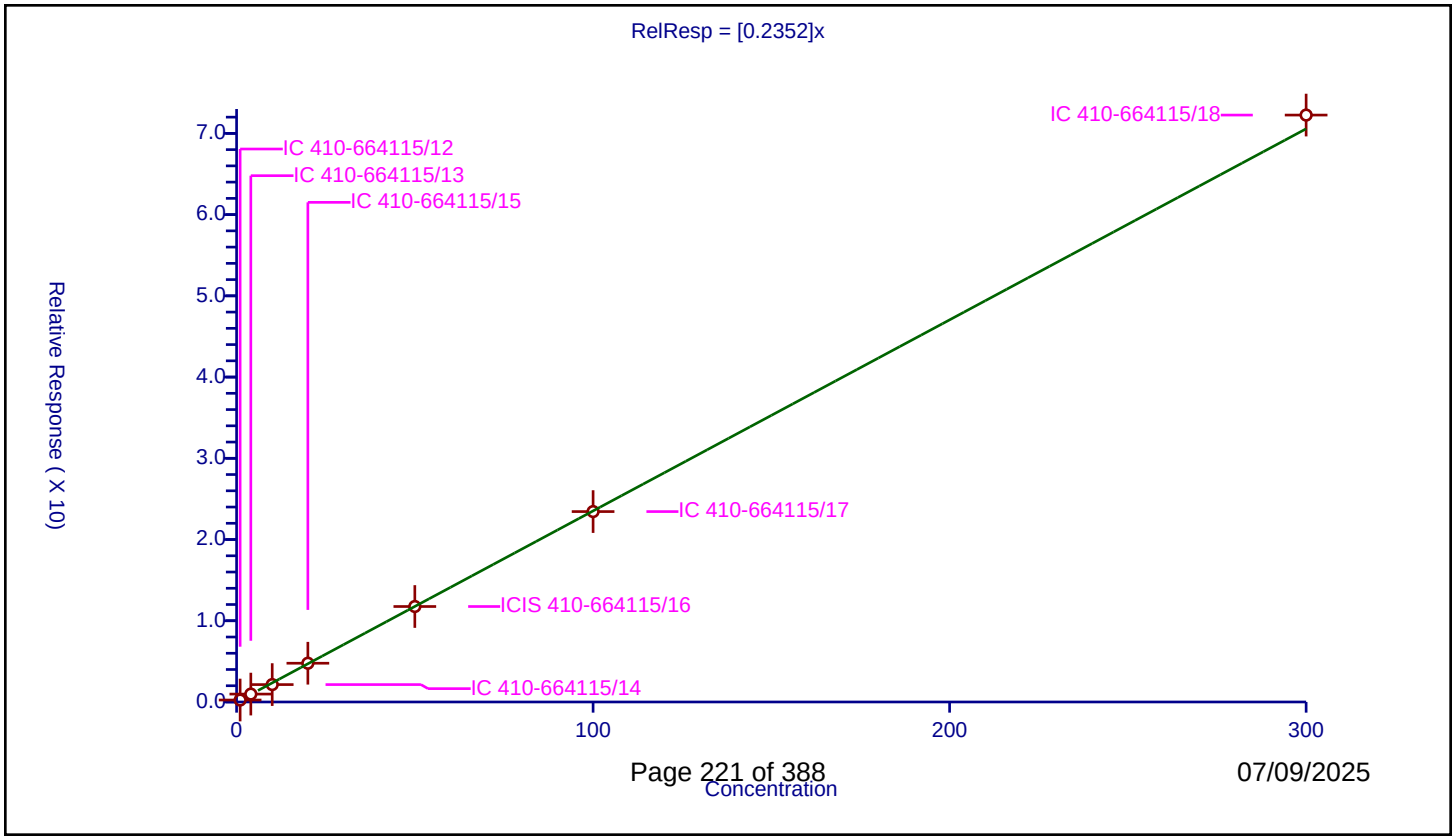
Curve Coefficients

Intercept:	0
Slope:	0.2352

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.239903	50.0	1142543.0	0.239903	Y
2	IC 410-664115/13	4.0	0.973576	50.0	1188043.0	0.243394	Y
3	IC 410-664115/14	10.0	2.142737	50.0	1175646.0	0.214274	Y
4	IC 410-664115/15	20.0	4.771259	50.0	1196550.0	0.238563	Y
5	ICIS 410-664115/16	50.0	11.755583	50.0	1189958.0	0.235112	Y
6	IC 410-664115/17	100.0	23.441978	50.0	1215034.0	0.23442	Y
7	IC 410-664115/18	300.0	72.255658	50.0	1236216.0	0.240852	Y



Calibration / Acetone

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

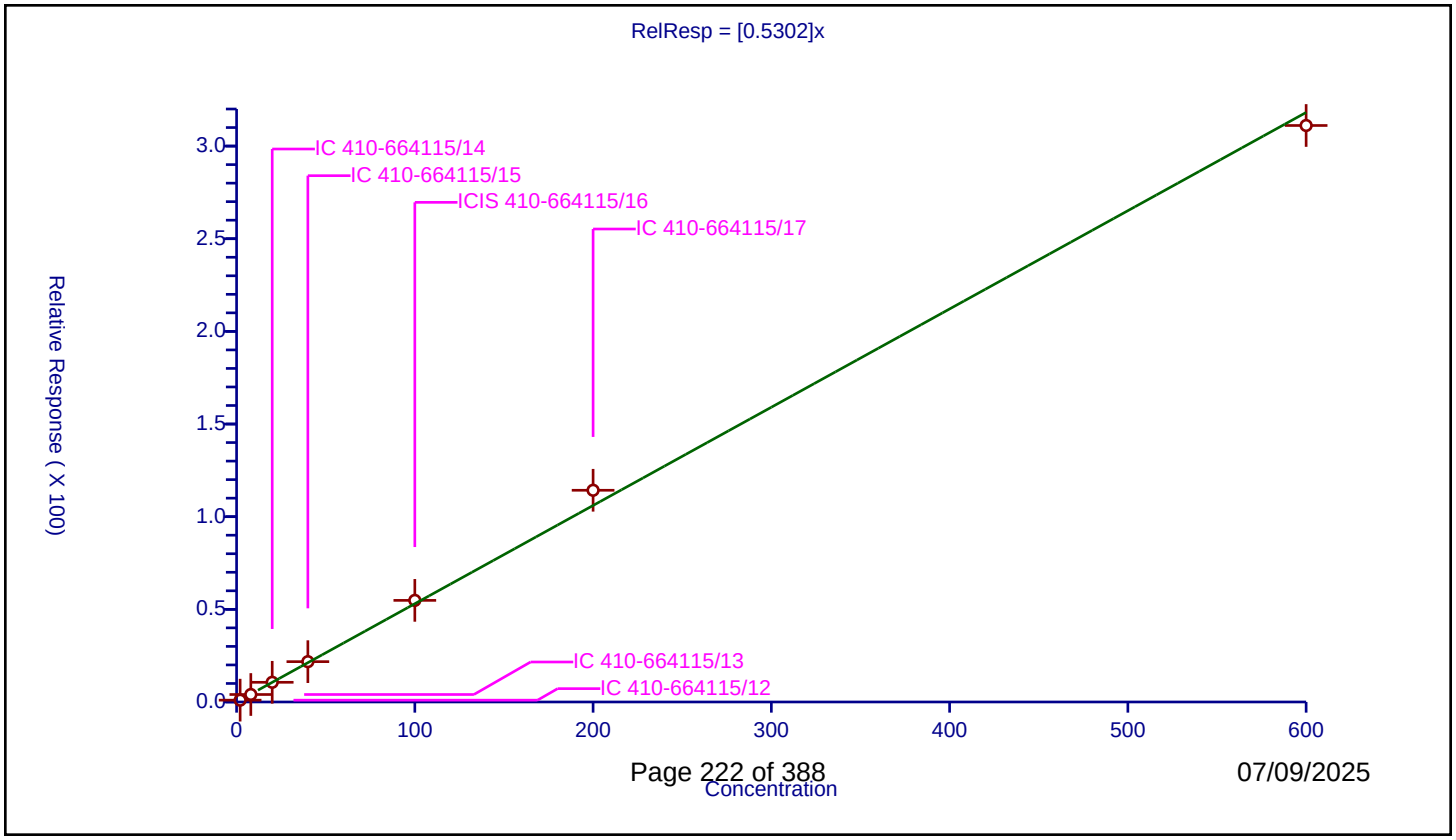
Curve Coefficients

Intercept:	0
Slope:	0.5302

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.986466	250.0	581115.0	0.493233	Y
2	IC 410-664115/13	8.0	4.037741	250.0	579470.0	0.504718	Y
3	IC 410-664115/14	20.0	10.628654	250.0	595113.0	0.531433	Y
4	IC 410-664115/15	40.0	21.763683	250.0	595430.0	0.544092	Y
5	ICIS 410-664115/16	100.0	54.841203	250.0	588645.0	0.548412	Y
6	IC 410-664115/17	200.0	114.260085	250.0	588331.0	0.5713	Y
7	IC 410-664115/18	600.0	311.09973	250.0	595510.0	0.5185	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

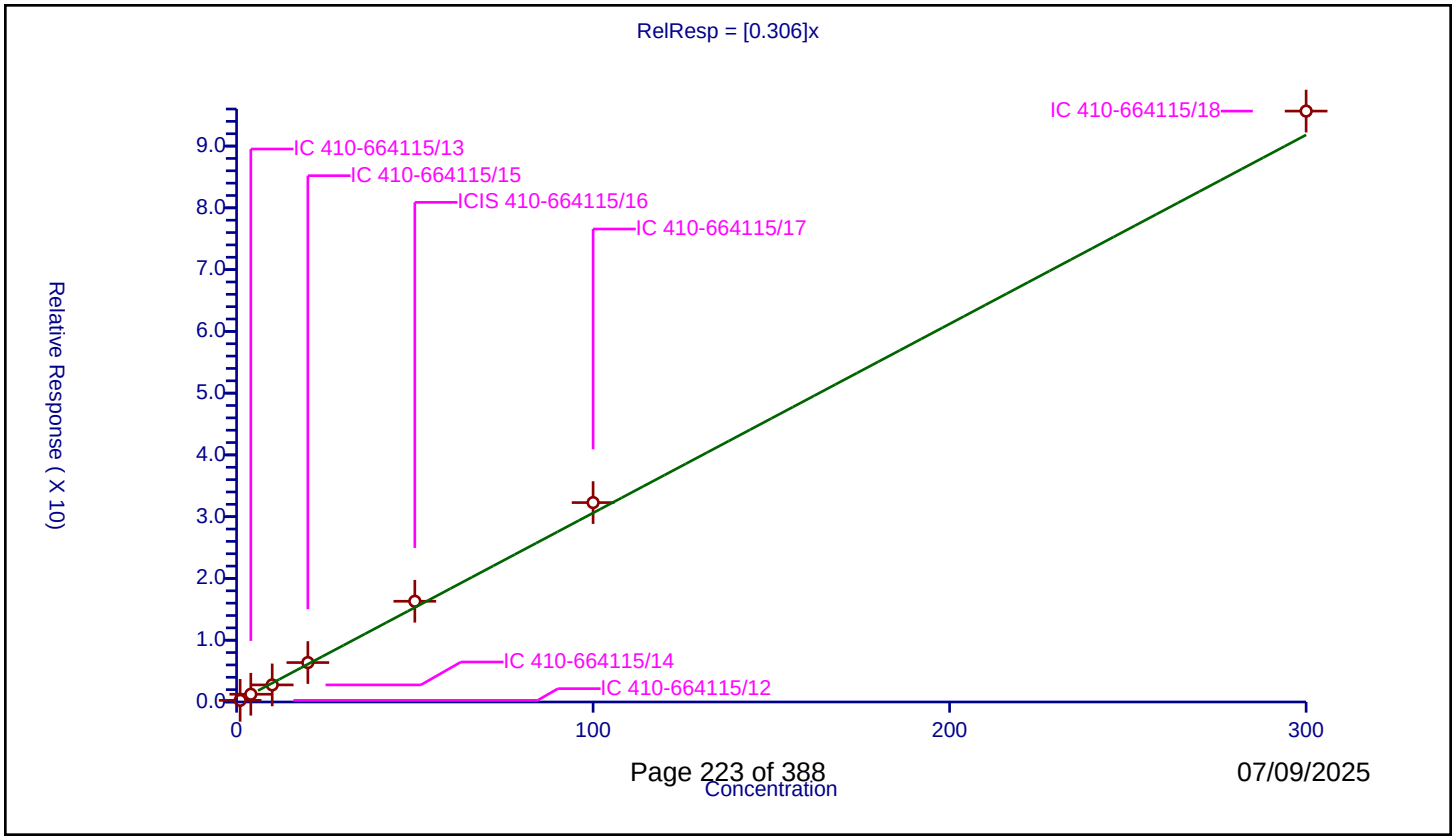
Curve Coefficients

Intercept:	0
Slope:	0.306

Error Coefficients

Relative Standard Deviation:	8.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.265154	50.0	1142543.0	0.265154	Y
2	IC 410-664115/13	4.0	1.253827	50.0	1188043.0	0.313457	Y
3	IC 410-664115/14	10.0	2.76499	50.0	1175646.0	0.276499	Y
4	IC 410-664115/15	20.0	6.384439	50.0	1196550.0	0.319222	Y
5	ICIS 410-664115/16	50.0	16.310198	50.0	1189958.0	0.326204	Y
6	IC 410-664115/17	100.0	32.282553	50.0	1215034.0	0.322826	Y
7	IC 410-664115/18	300.0	95.664957	50.0	1236216.0	0.318883	Y



Calibration / Isopropyl alcohol

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

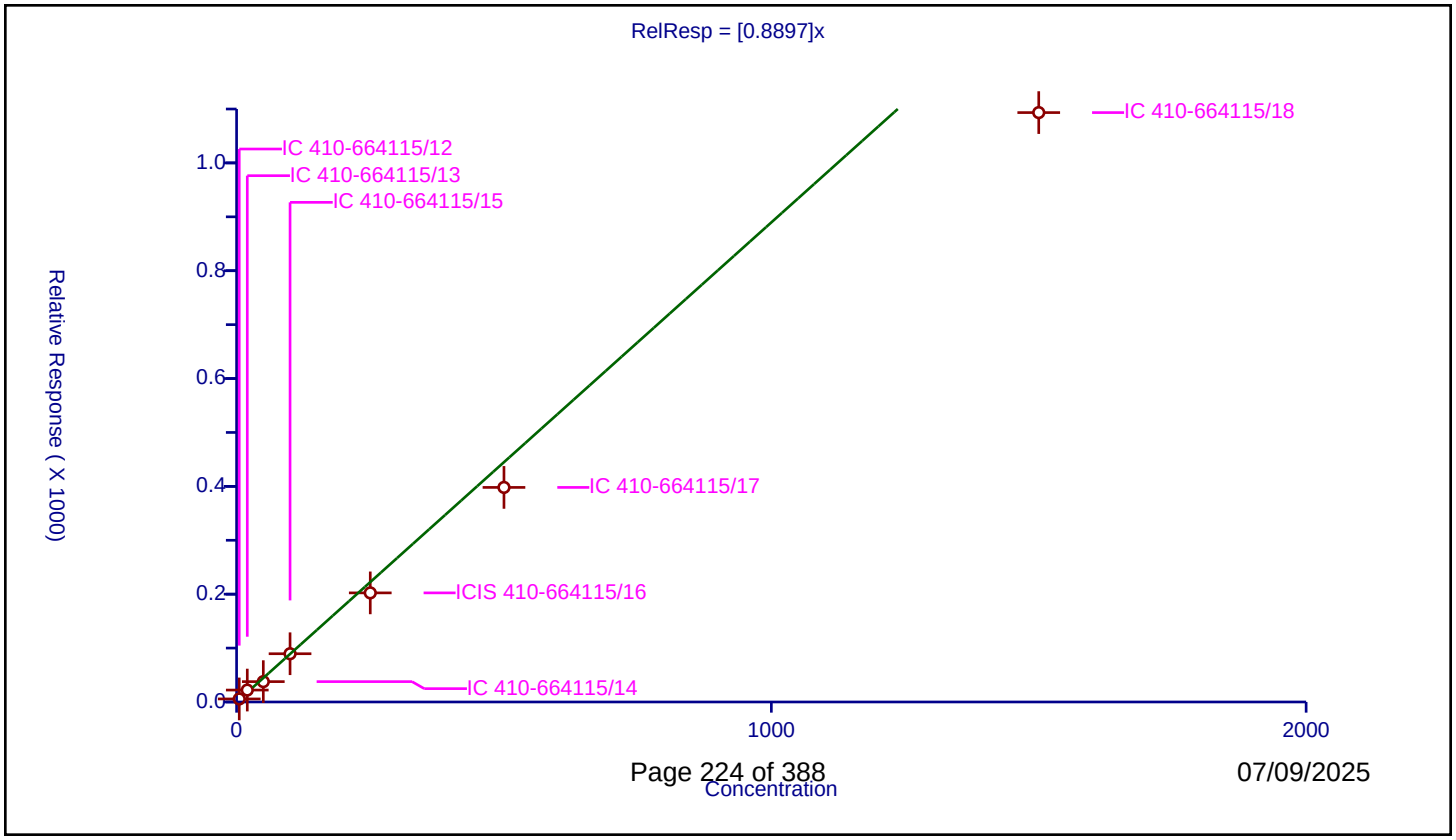
Curve Coefficients

Intercept:	0
Slope:	0.8897

Error Coefficients

Relative Standard Deviation:	18.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	5.683471	250.0	581115.0	1.136694	Y
2	IC 410-664115/13	20.0	22.124528	250.0	579470.0	1.106226	Y
3	IC 410-664115/14	50.0	37.753754	250.0	595113.0	0.755075	Y
4	IC 410-664115/15	100.0	89.505483	250.0	595430.0	0.895055	Y
5	ICIS 410-664115/16	250.0	202.411895	250.0	588645.0	0.809648	Y
6	IC 410-664115/17	500.0	398.021267	250.0	588331.0	0.796043	Y
7	IC 410-664115/18	1500.0	1093.376686	250.0	595510.0	0.728918	Y



Calibration / Iodomethane

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

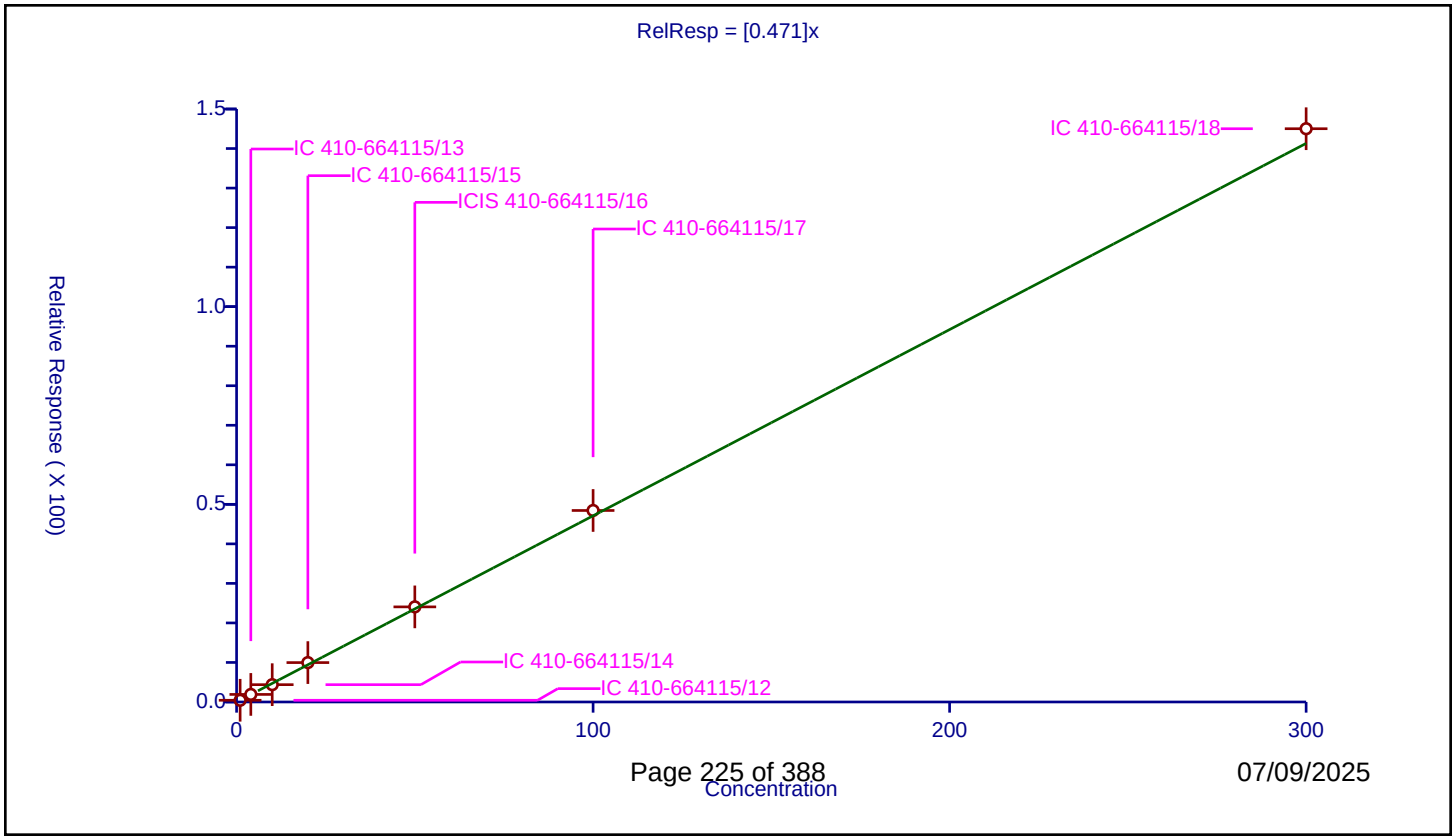
Curve Coefficients

Intercept:	0
Slope:	0.471

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.433244	50.0	1142543.0	0.433244	Y
2	IC 410-664115/13	4.0	1.91424	50.0	1188043.0	0.47856	Y
3	IC 410-664115/14	10.0	4.380655	50.0	1175646.0	0.438066	Y
4	IC 410-664115/15	20.0	9.965317	50.0	1196550.0	0.498266	Y
5	ICIS 410-664115/16	50.0	24.05879	50.0	1189958.0	0.481176	Y
6	IC 410-664115/17	100.0	48.441649	50.0	1215034.0	0.484416	Y
7	IC 410-664115/18	300.0	145.013291	50.0	1236216.0	0.483378	Y



Calibration / Carbon disulfide

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

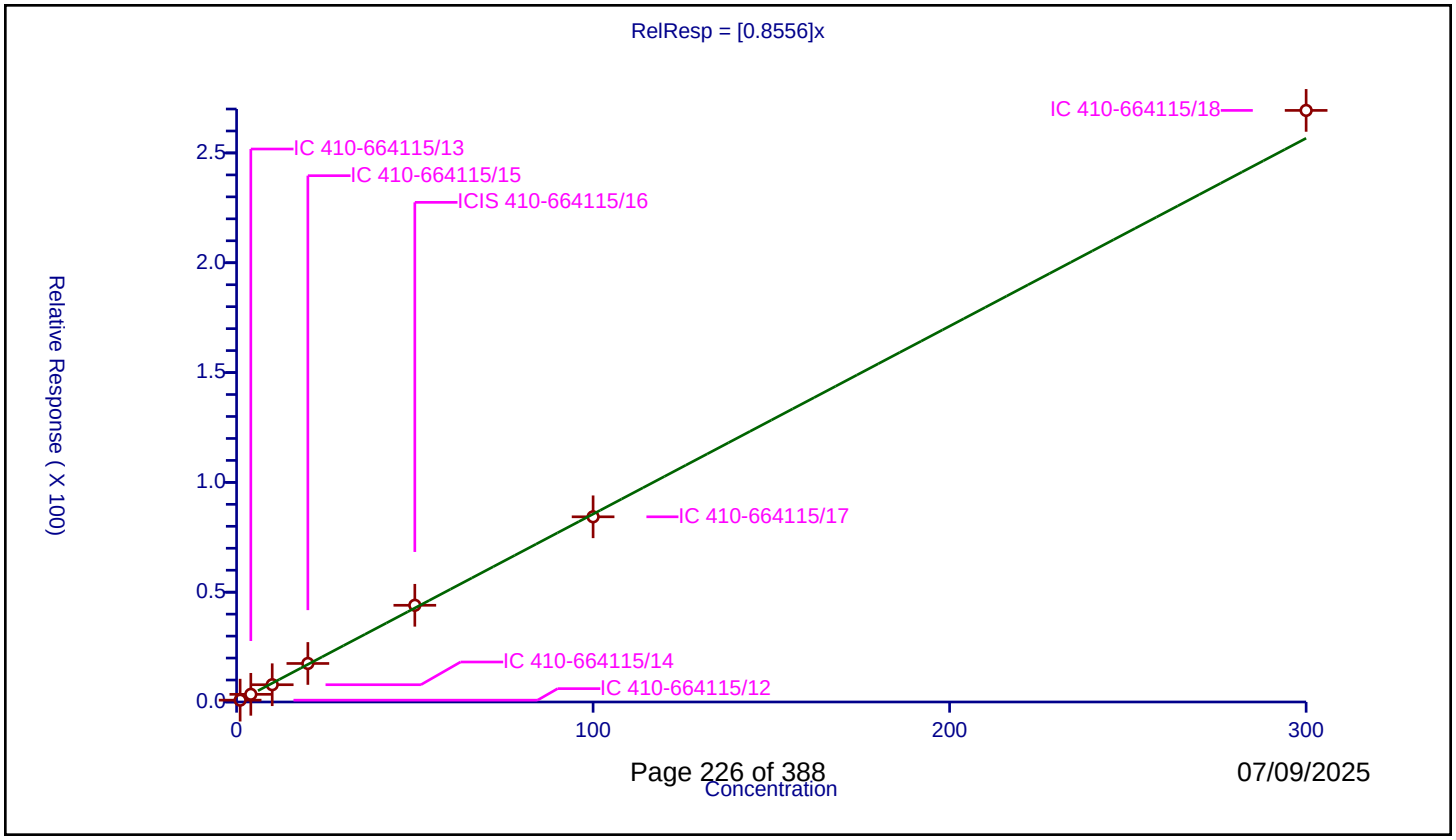
Curve Coefficients

Intercept:	0
Slope:	0.8556

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.830866	50.0	1142543.0	0.830866	Y
2	IC 410-664115/13	4.0	3.493603	50.0	1188043.0	0.873401	Y
3	IC 410-664115/14	10.0	7.866186	50.0	1175646.0	0.786619	Y
4	IC 410-664115/15	20.0	17.536292	50.0	1196550.0	0.876815	Y
5	ICIS 410-664115/16	50.0	44.037605	50.0	1189958.0	0.880752	Y
6	IC 410-664115/17	100.0	84.317929	50.0	1215034.0	0.843179	Y
7	IC 410-664115/18	300.0	269.362474	50.0	1236216.0	0.897875	Y



Calibration / Methyl acetate

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

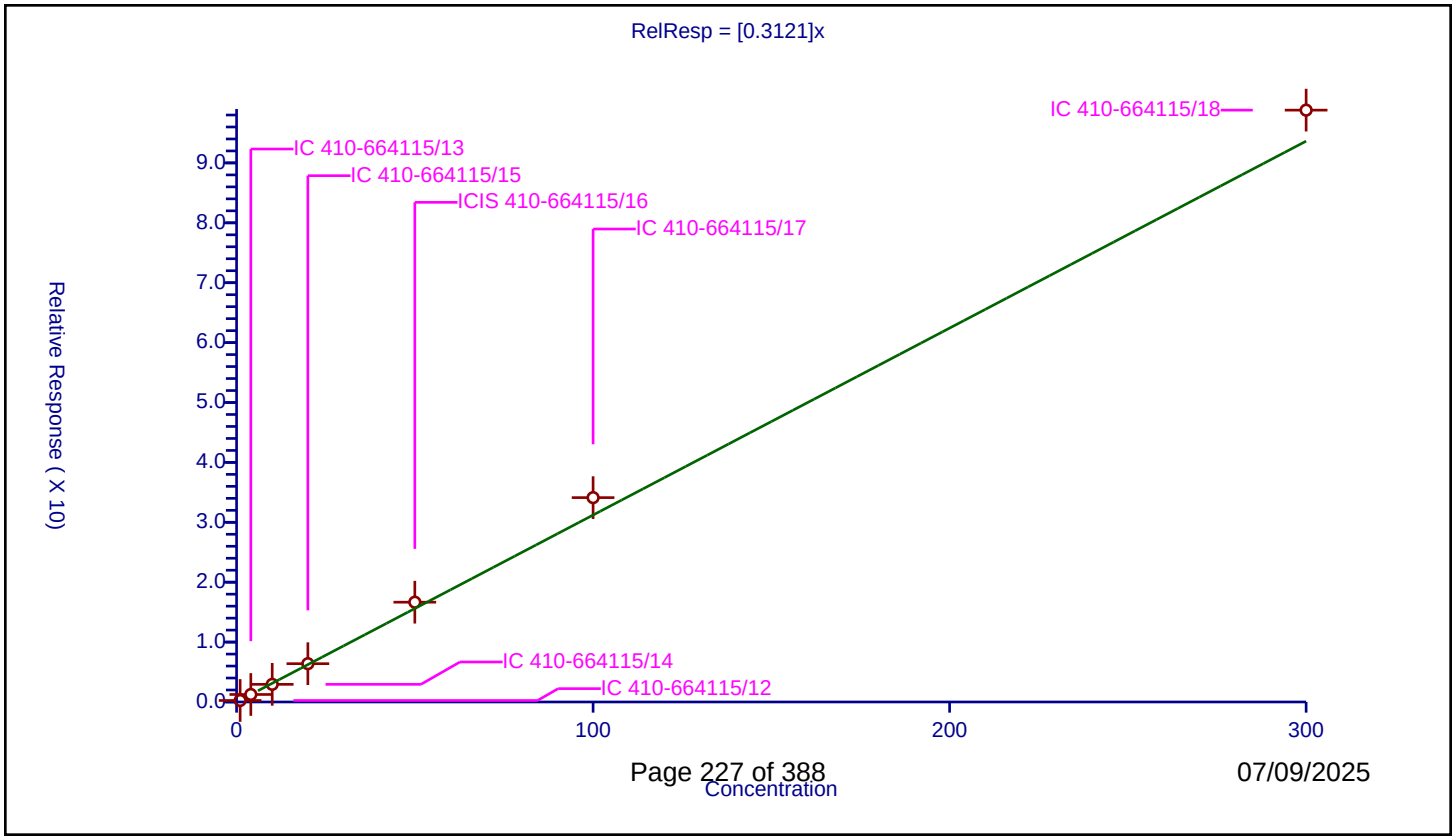
Curve Coefficients

Intercept:	0
Slope:	0.3121

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.253513	50.0	1142543.0	0.253513	Y
2	IC 410-664115/13	4.0	1.25349	50.0	1188043.0	0.313372	Y
3	IC 410-664115/14	10.0	2.943956	50.0	1175646.0	0.294396	Y
4	IC 410-664115/15	20.0	6.394091	50.0	1196550.0	0.319705	Y
5	ICIS 410-664115/16	50.0	16.662479	50.0	1189958.0	0.33325	Y
6	IC 410-664115/17	100.0	34.118099	50.0	1215034.0	0.341181	Y
7	IC 410-664115/18	300.0	98.813112	50.0	1236216.0	0.329377	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

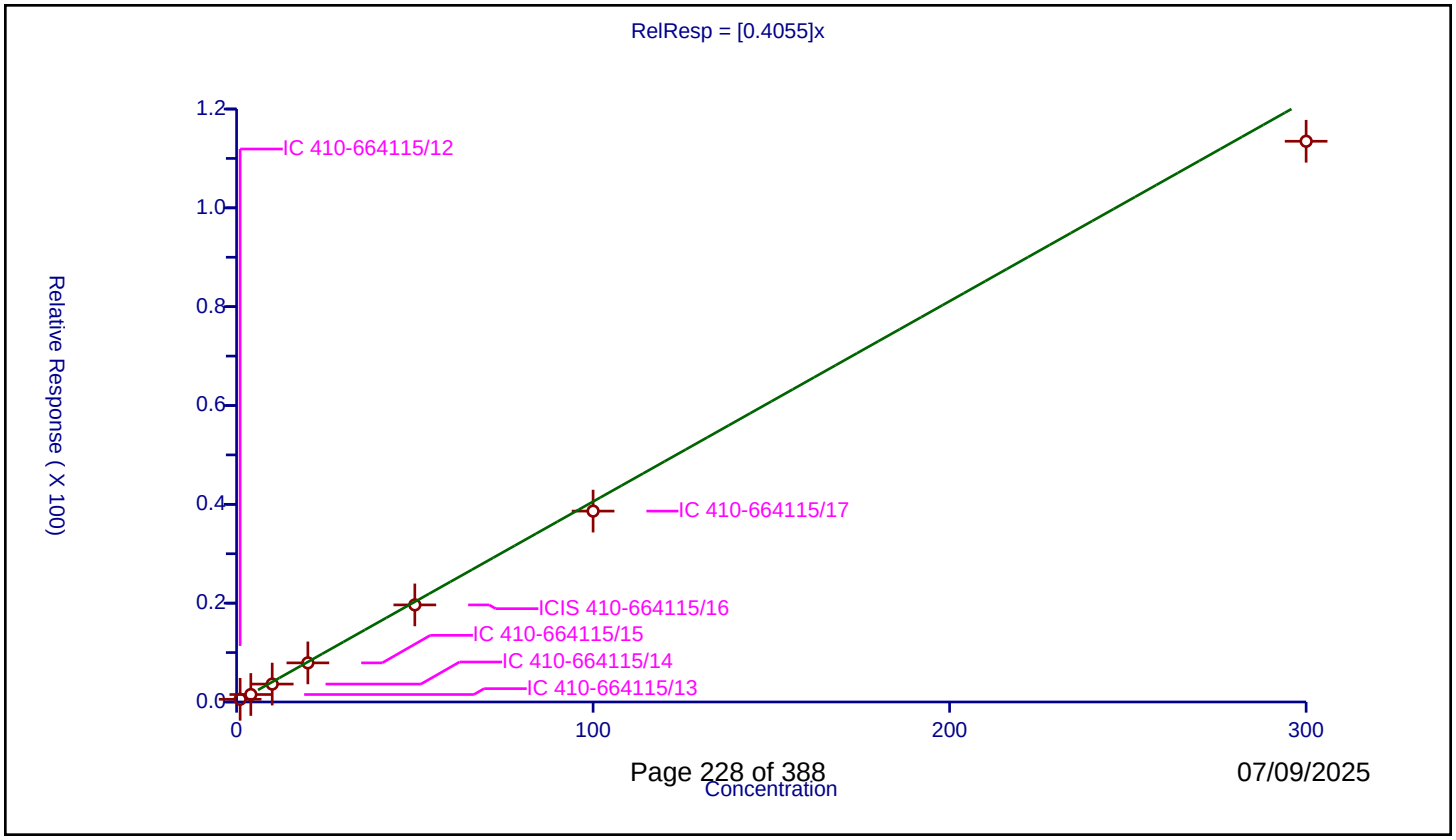
Curve Coefficients

Intercept:	0
Slope:	0.4055

Error Coefficients

Relative Standard Deviation:	15.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.545275	50.0	1142543.0	0.545275	Y
2	IC 410-664115/13	4.0	1.513203	50.0	1188043.0	0.378301	Y
3	IC 410-664115/14	10.0	3.621158	50.0	1175646.0	0.362116	Y
4	IC 410-664115/15	20.0	7.913125	50.0	1196550.0	0.395656	Y
5	ICIS 410-664115/16	50.0	19.64645	50.0	1189958.0	0.392929	Y
6	IC 410-664115/17	100.0	38.631758	50.0	1215034.0	0.386318	Y
7	IC 410-664115/18	300.0	113.47665	50.0	1236216.0	0.378255	Y



Calibration / Methylene Chloride

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

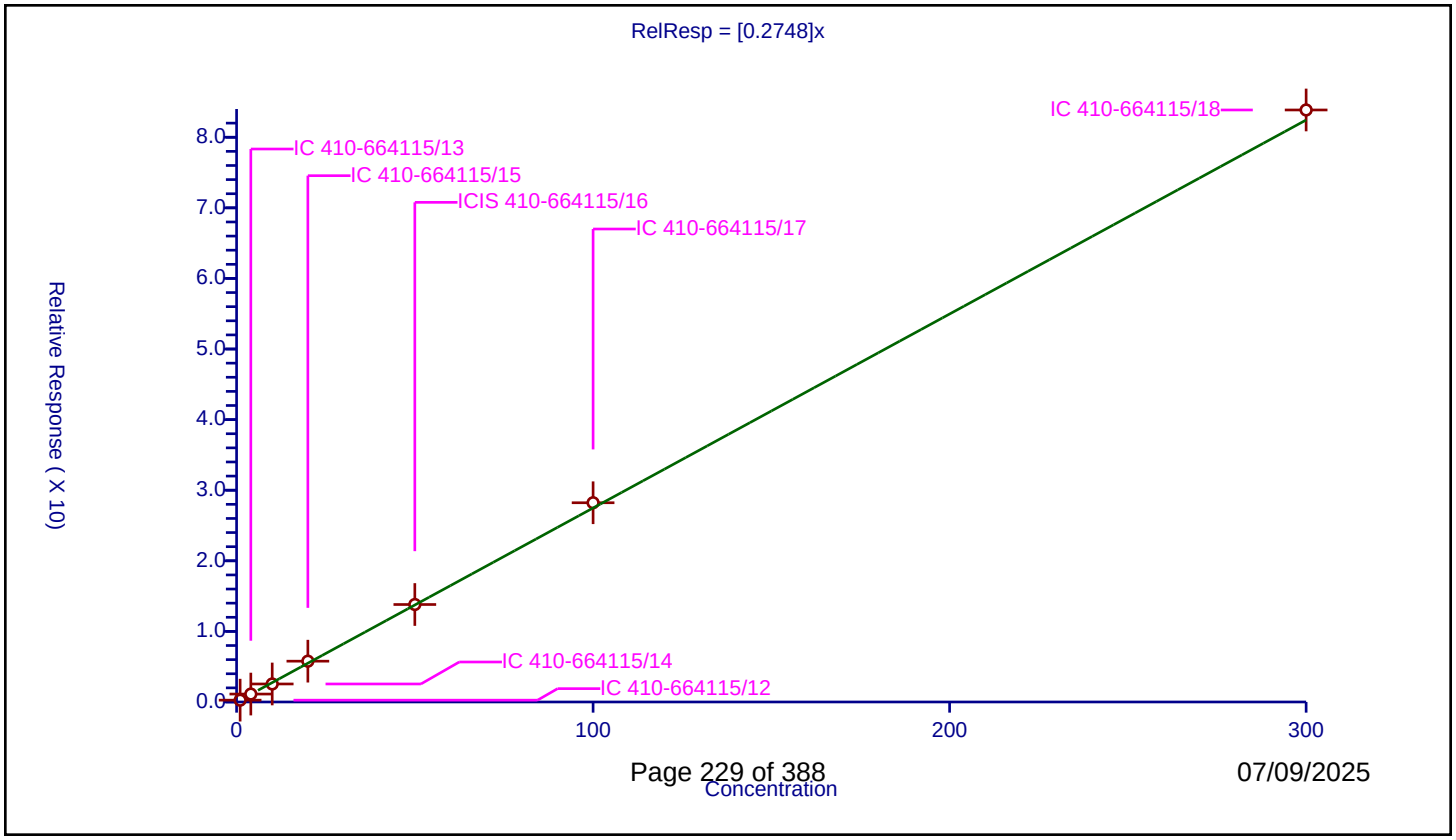
Curve Coefficients

Intercept:	0
Slope:	0.2748

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.260034	50.0	1142543.0	0.260034	Y
2	IC 410-664115/13	4.0	1.124749	50.0	1188043.0	0.281187	Y
3	IC 410-664115/14	10.0	2.553192	50.0	1175646.0	0.255319	Y
4	IC 410-664115/15	20.0	5.783294	50.0	1196550.0	0.289165	Y
5	ICIS 410-664115/16	50.0	13.808933	50.0	1189958.0	0.276179	Y
6	IC 410-664115/17	100.0	28.22349	50.0	1215034.0	0.282235	Y
7	IC 410-664115/18	300.0	83.865037	50.0	1236216.0	0.27955	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

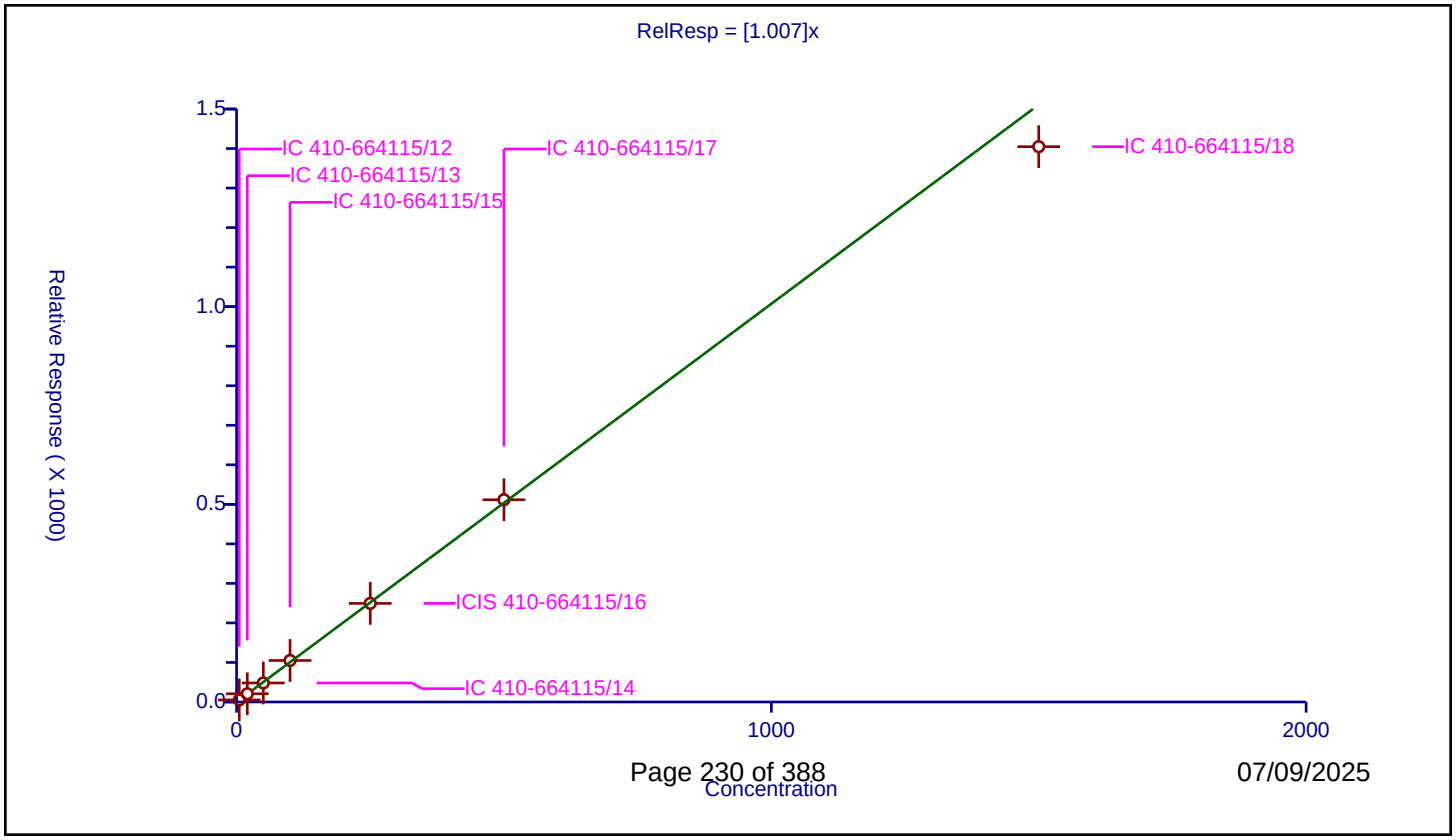
Curve Coefficients

Intercept:	0
Slope:	1.007

Error Coefficients

Relative Standard Deviation:	4.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	5.197336	250.0	581115.0	1.039467	Y
2	IC 410-664115/13	20.0	20.807376	250.0	579470.0	1.040369	Y
3	IC 410-664115/14	50.0	48.156401	250.0	595113.0	0.963128	Y
4	IC 410-664115/15	100.0	105.023261	250.0	595430.0	1.050233	Y
5	ICIS 410-664115/16	250.0	249.439815	250.0	588645.0	0.997759	Y
6	IC 410-664115/17	500.0	511.628658	250.0	588331.0	1.023257	Y
7	IC 410-664115/18	1500.0	1404.745932	250.0	595510.0	0.936497	Y



Calibration / Acrylonitrile

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

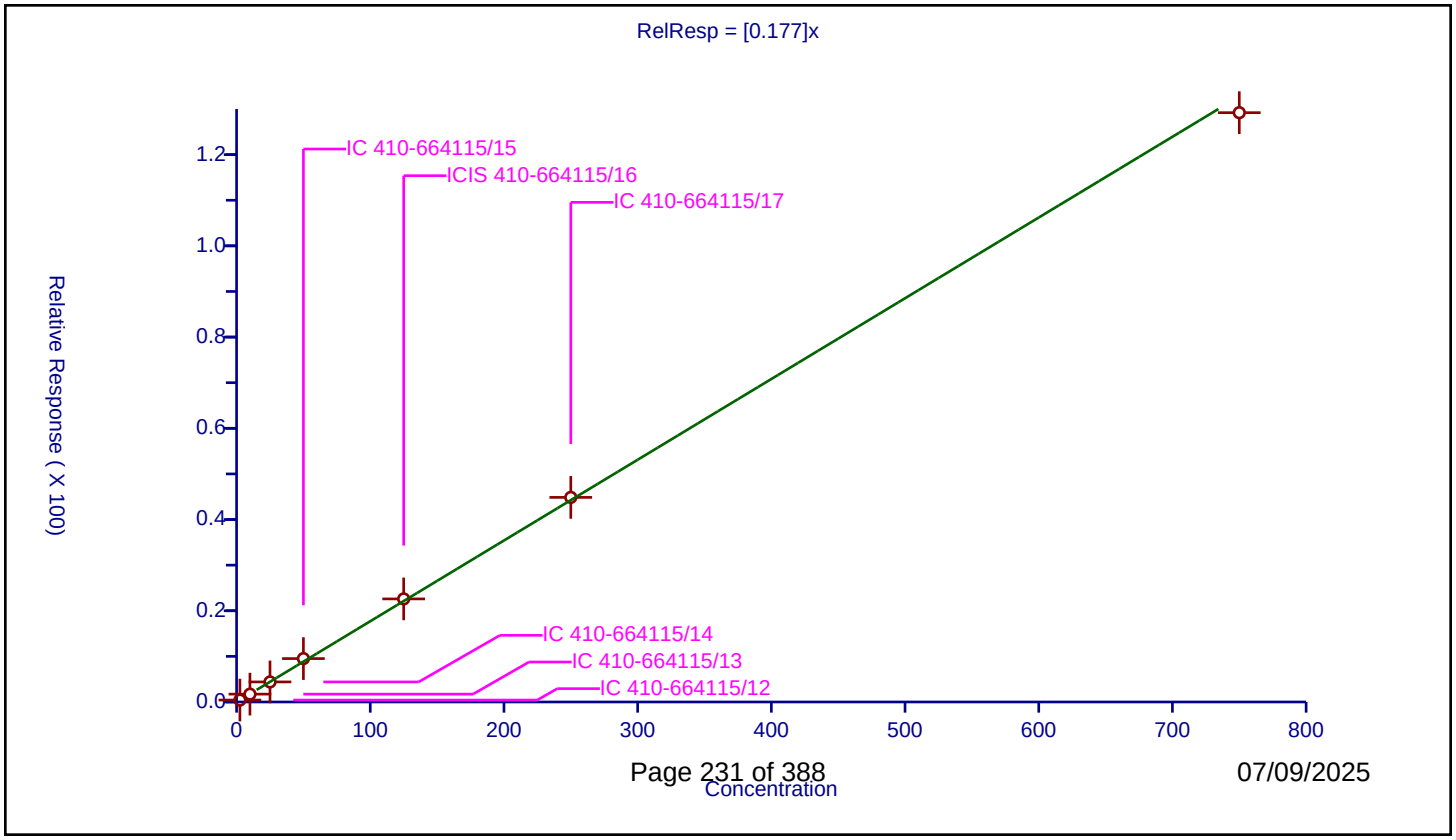
Curve Coefficients

Intercept:	0
Slope:	0.177

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.5	0.420947	50.0	1142543.0	0.168379	Y
2	IC 410-664115/13	10.0	1.72035	50.0	1188043.0	0.172035	Y
3	IC 410-664115/14	25.0	4.399964	50.0	1175646.0	0.175999	Y
4	IC 410-664115/15	50.0	9.512808	50.0	1196550.0	0.190256	Y
5	ICIS 410-664115/16	125.0	22.59605	50.0	1189958.0	0.180768	Y
6	IC 410-664115/17	250.0	44.852737	50.0	1215034.0	0.179411	Y
7	IC 410-664115/18	750.0	129.200844	50.0	1236216.0	0.172268	Y



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Calibration / Methyl tert-butyl ether

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

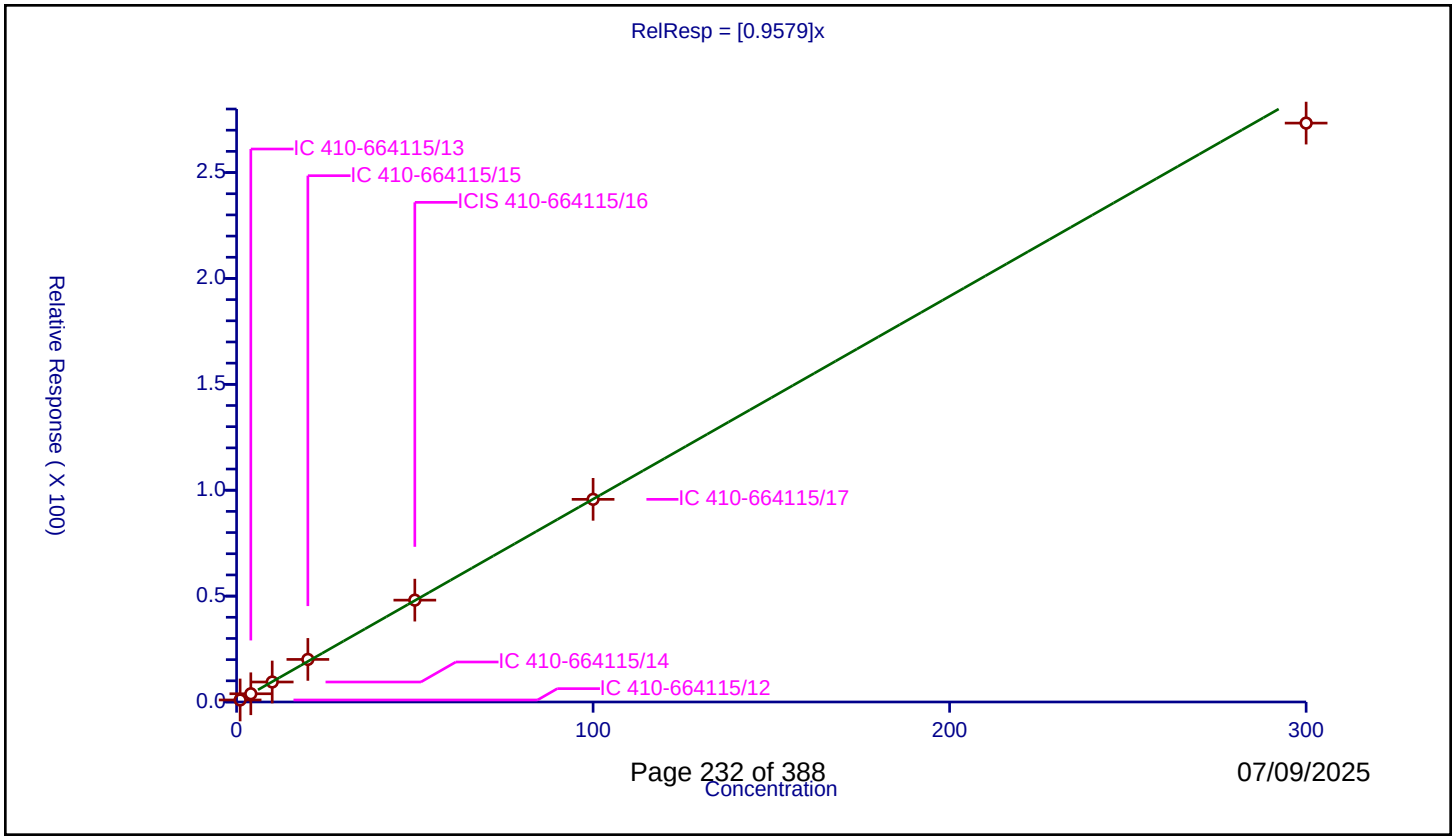
Curve Coefficients

Intercept:	0
Slope:	0.9579

Error Coefficients

Relative Standard Deviation:	3.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.955675	50.0	1142543.0	0.955675	Y
2	IC 410-664115/13	4.0	3.883782	50.0	1188043.0	0.970945	Y
3	IC 410-664115/14	10.0	9.432091	50.0	1175646.0	0.943209	Y
4	IC 410-664115/15	20.0	20.108687	50.0	1196550.0	1.005434	Y
5	ICIS 410-664115/16	50.0	48.098672	50.0	1189958.0	0.961973	Y
6	IC 410-664115/17	100.0	95.689627	50.0	1215034.0	0.956896	Y
7	IC 410-664115/18	300.0	273.355668	50.0	1236216.0	0.911186	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

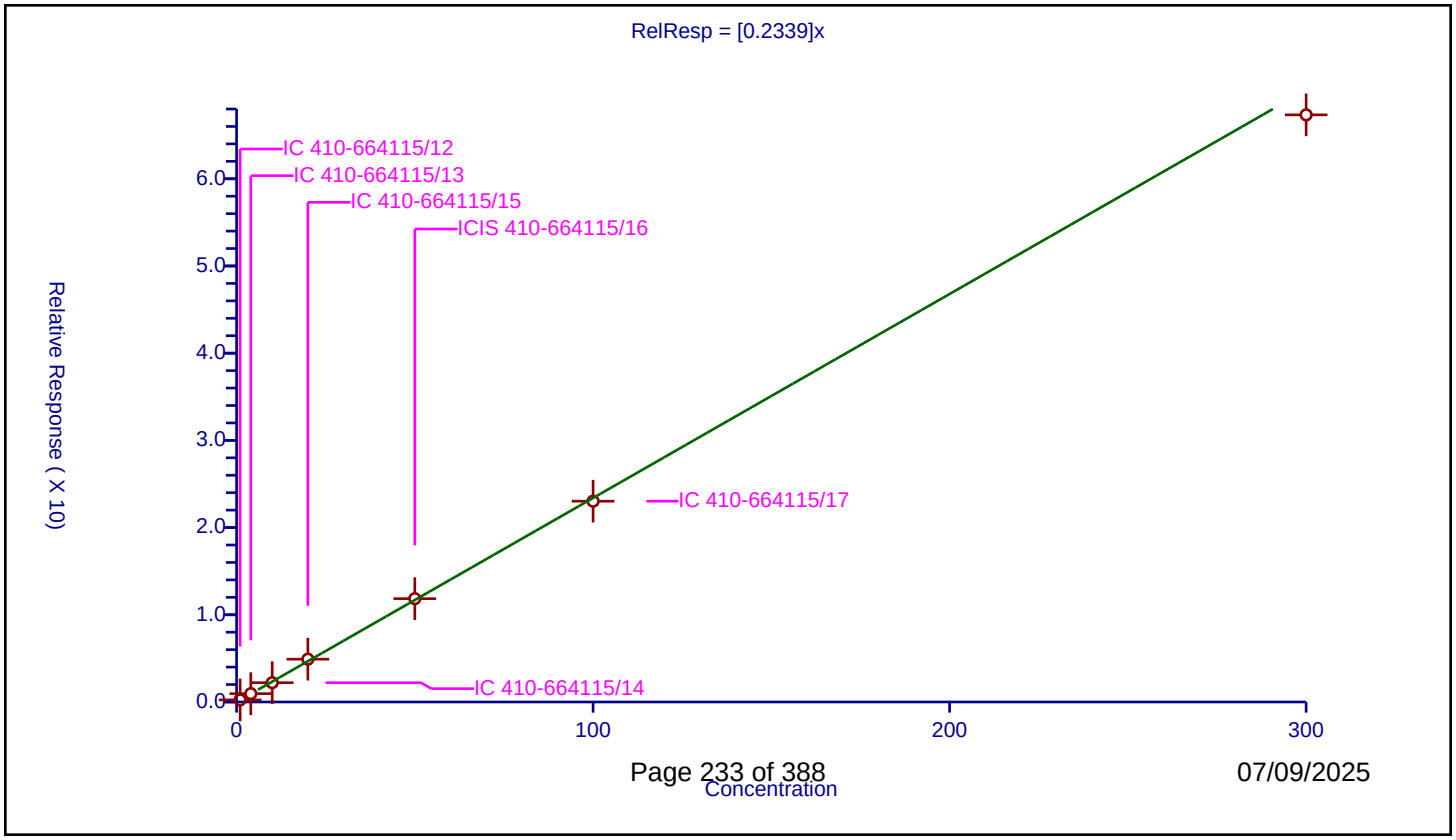
Curve Coefficients

Intercept:	0
Slope:	0.2339

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.240166	50.0	1142543.0	0.240166	Y
2	IC 410-664115/13	4.0	0.955268	50.0	1188043.0	0.238817	Y
3	IC 410-664115/14	10.0	2.212911	50.0	1175646.0	0.221291	Y
4	IC 410-664115/15	20.0	4.911161	50.0	1196550.0	0.245558	Y
5	ICIS 410-664115/16	50.0	11.848696	50.0	1189958.0	0.236974	Y
6	IC 410-664115/17	100.0	23.025693	50.0	1215034.0	0.230257	Y
7	IC 410-664115/18	300.0	67.330588	50.0	1236216.0	0.224435	Y



Calibration / Hexane

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

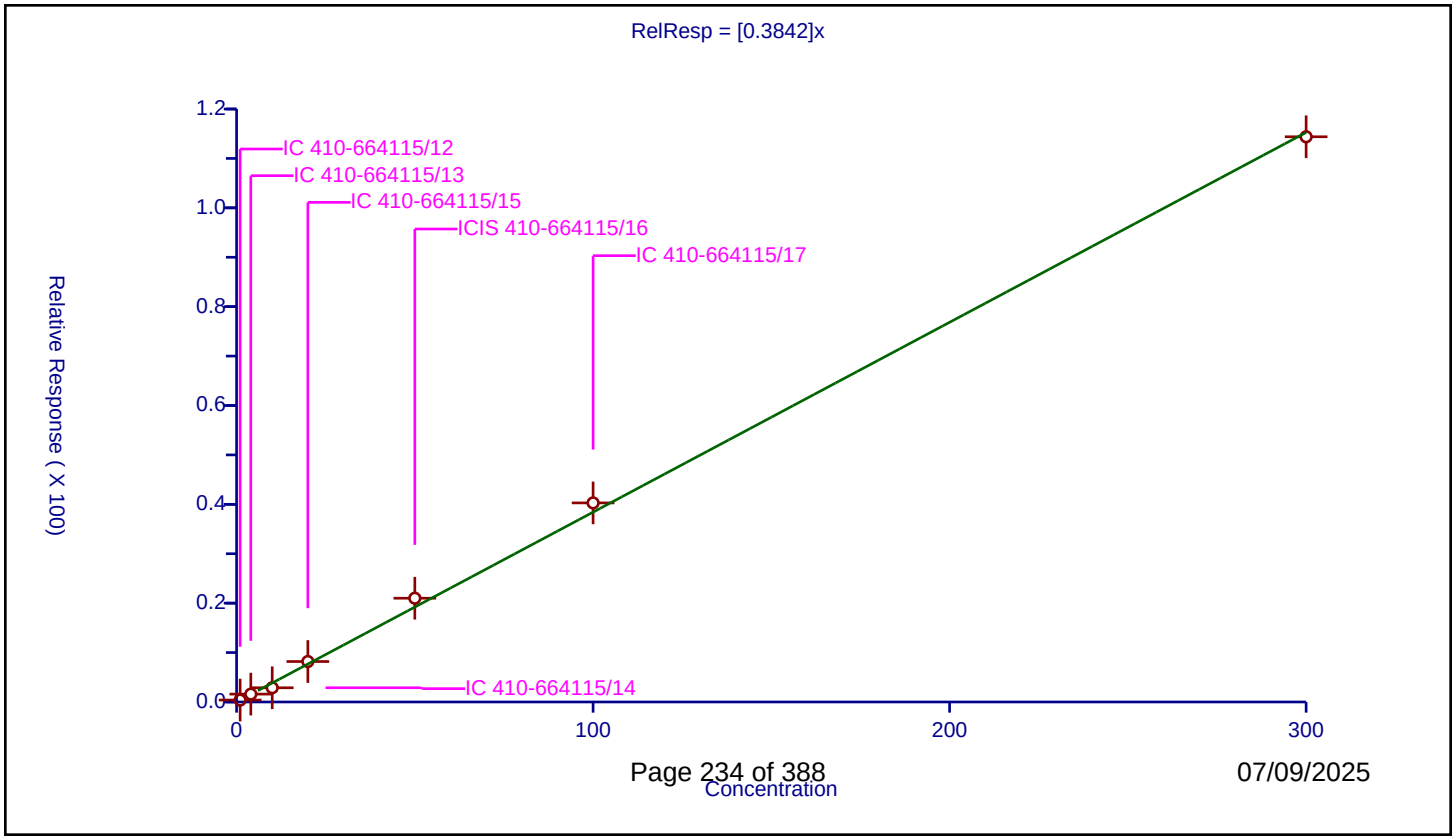
Curve Coefficients

Intercept:	0
Slope:	0.3842

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.389176	50.0	1142543.0	0.389176	Y
2	IC 410-664115/13	4.0	1.59485	50.0	1188043.0	0.398712	Y
3	IC 410-664115/14	10.0	2.879481	50.0	1175646.0	0.287948	Y
4	IC 410-664115/15	20.0	8.187873	50.0	1196550.0	0.409394	Y
5	ICIS 410-664115/16	50.0	20.999313	50.0	1189958.0	0.419986	Y
6	IC 410-664115/17	100.0	40.289243	50.0	1215034.0	0.402892	Y
7	IC 410-664115/18	300.0	114.379971	50.0	1236216.0	0.381267	Y



Calibration / 1,1-Dichloroethane

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

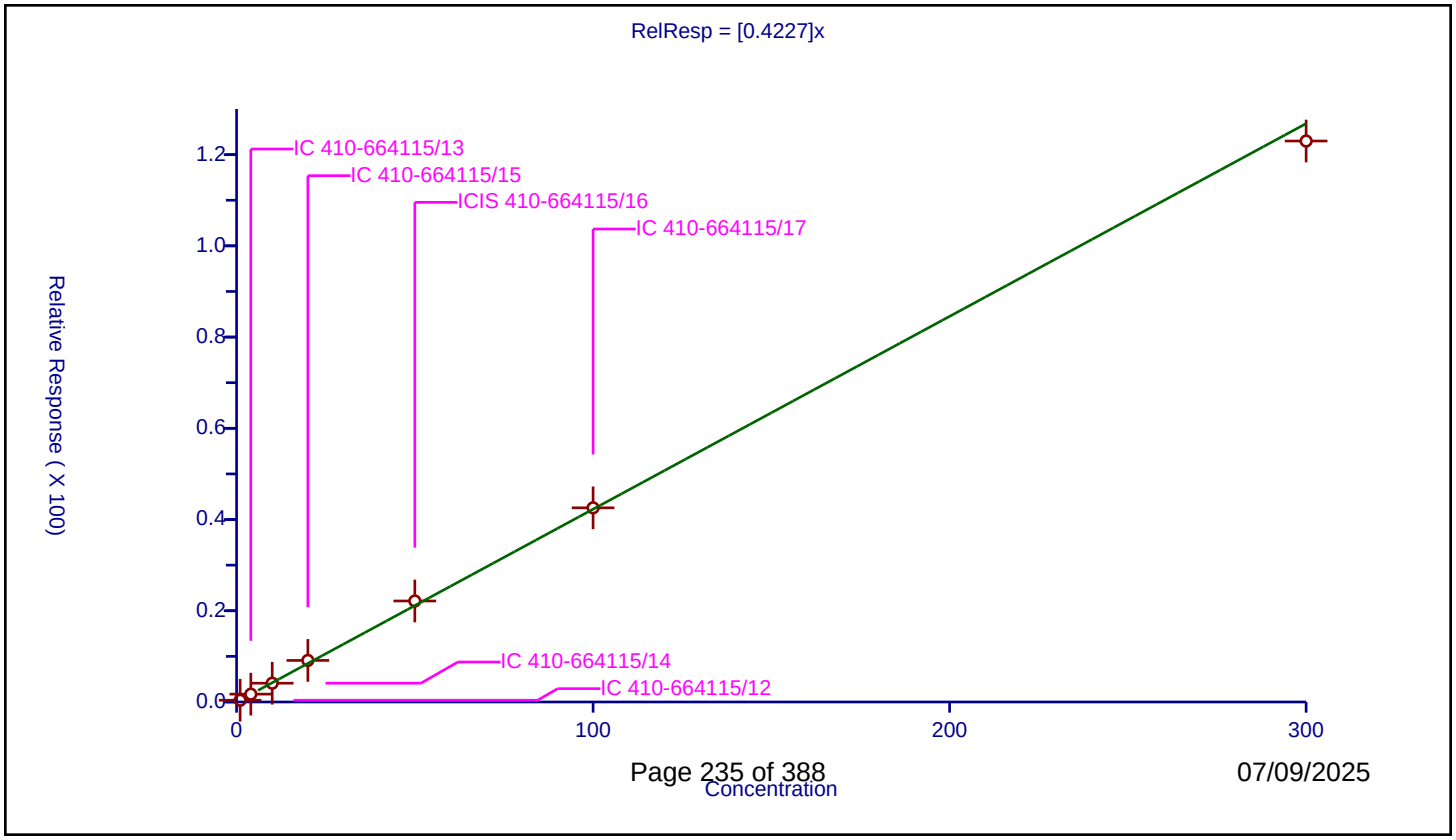
Curve Coefficients

Intercept:	0
Slope:	0.4227

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.382524	50.0	1142543.0	0.382524	Y
2	IC 410-664115/13	4.0	1.72237	50.0	1188043.0	0.430593	Y
3	IC 410-664115/14	10.0	4.117056	50.0	1175646.0	0.411706	Y
4	IC 410-664115/15	20.0	9.111696	50.0	1196550.0	0.455585	Y
5	ICIS 410-664115/16	50.0	22.143765	50.0	1189958.0	0.442875	Y
6	IC 410-664115/17	100.0	42.56778	50.0	1215034.0	0.425678	Y
7	IC 410-664115/18	300.0	122.986962	50.0	1236216.0	0.409957	Y



Calibration / Isopropyl ether

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

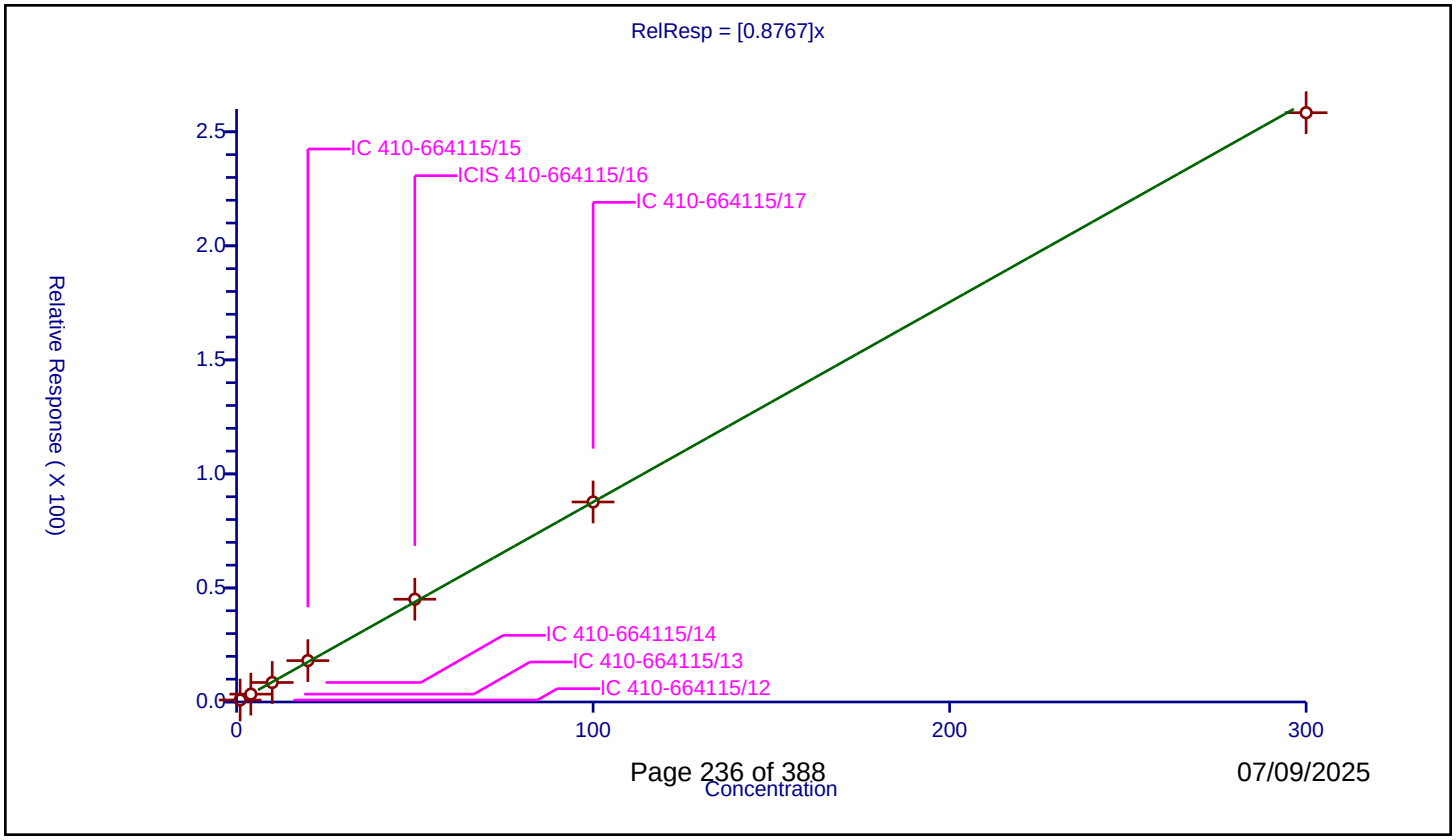
Curve Coefficients

Intercept:	0
Slope:	0.8767

Error Coefficients

Relative Standard Deviation:	2.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.873578	50.0	1142543.0	0.873578	Y
2	IC 410-664115/13	4.0	3.448907	50.0	1188043.0	0.862227	Y
3	IC 410-664115/14	10.0	8.547513	50.0	1175646.0	0.854751	Y
4	IC 410-664115/15	20.0	18.144248	50.0	1196550.0	0.907212	Y
5	ICIS 410-664115/16	50.0	45.058775	50.0	1189958.0	0.901176	Y
6	IC 410-664115/17	100.0	87.702731	50.0	1215034.0	0.877027	Y
7	IC 410-664115/18	300.0	258.383244	50.0	1236216.0	0.861277	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

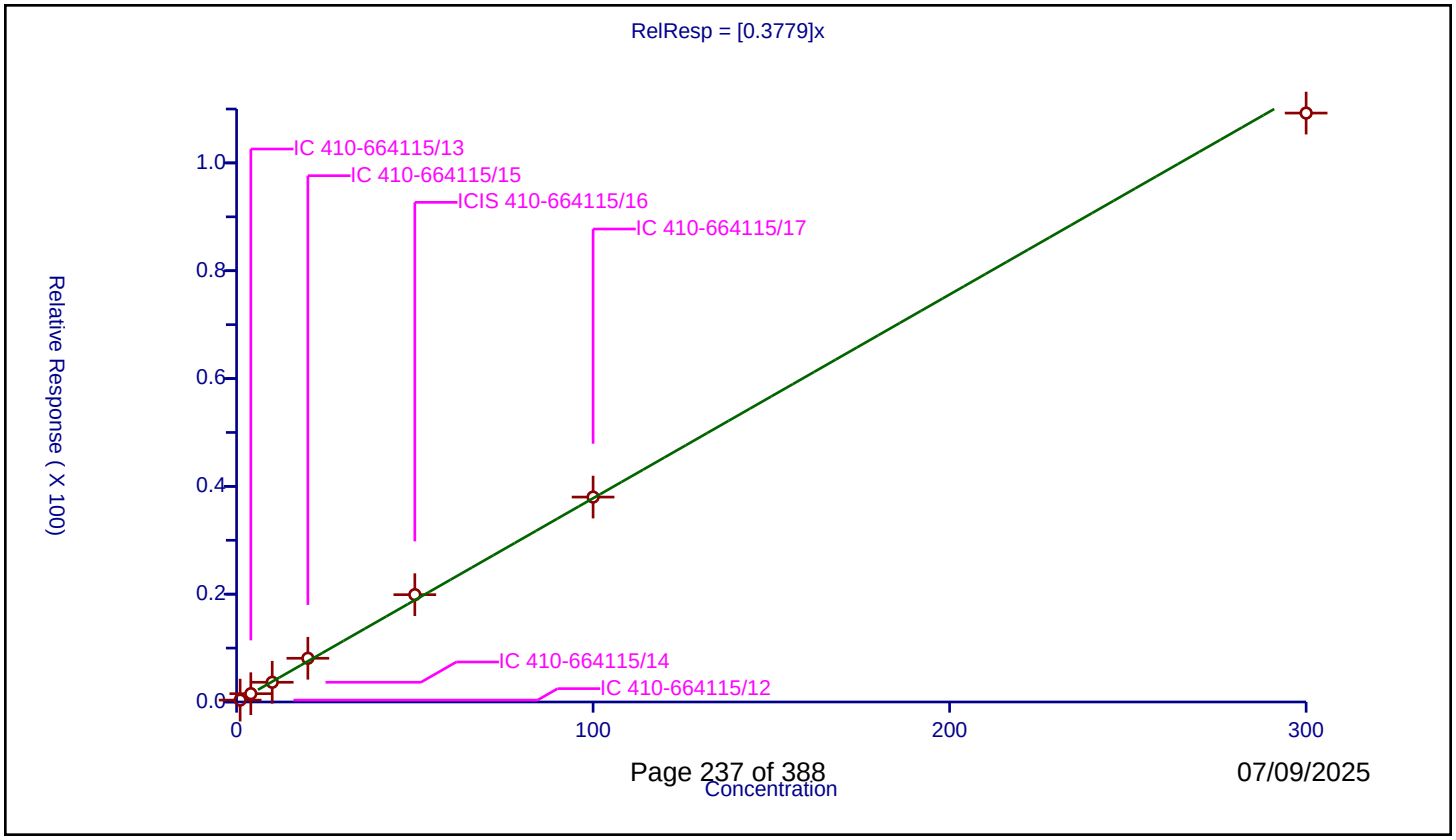
Curve Coefficients

Intercept:	0
Slope:	0.3779

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.347164	50.0	1142543.0	0.347164	Y
2	IC 410-664115/13	4.0	1.538539	50.0	1188043.0	0.384635	Y
3	IC 410-664115/14	10.0	3.658669	50.0	1175646.0	0.365867	Y
4	IC 410-664115/15	20.0	8.110192	50.0	1196550.0	0.40551	Y
5	ICIS 410-664115/16	50.0	19.907341	50.0	1189958.0	0.398147	Y
6	IC 410-664115/17	100.0	38.013422	50.0	1215034.0	0.380134	Y
7	IC 410-664115/18	300.0	109.249314	50.0	1236216.0	0.364164	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

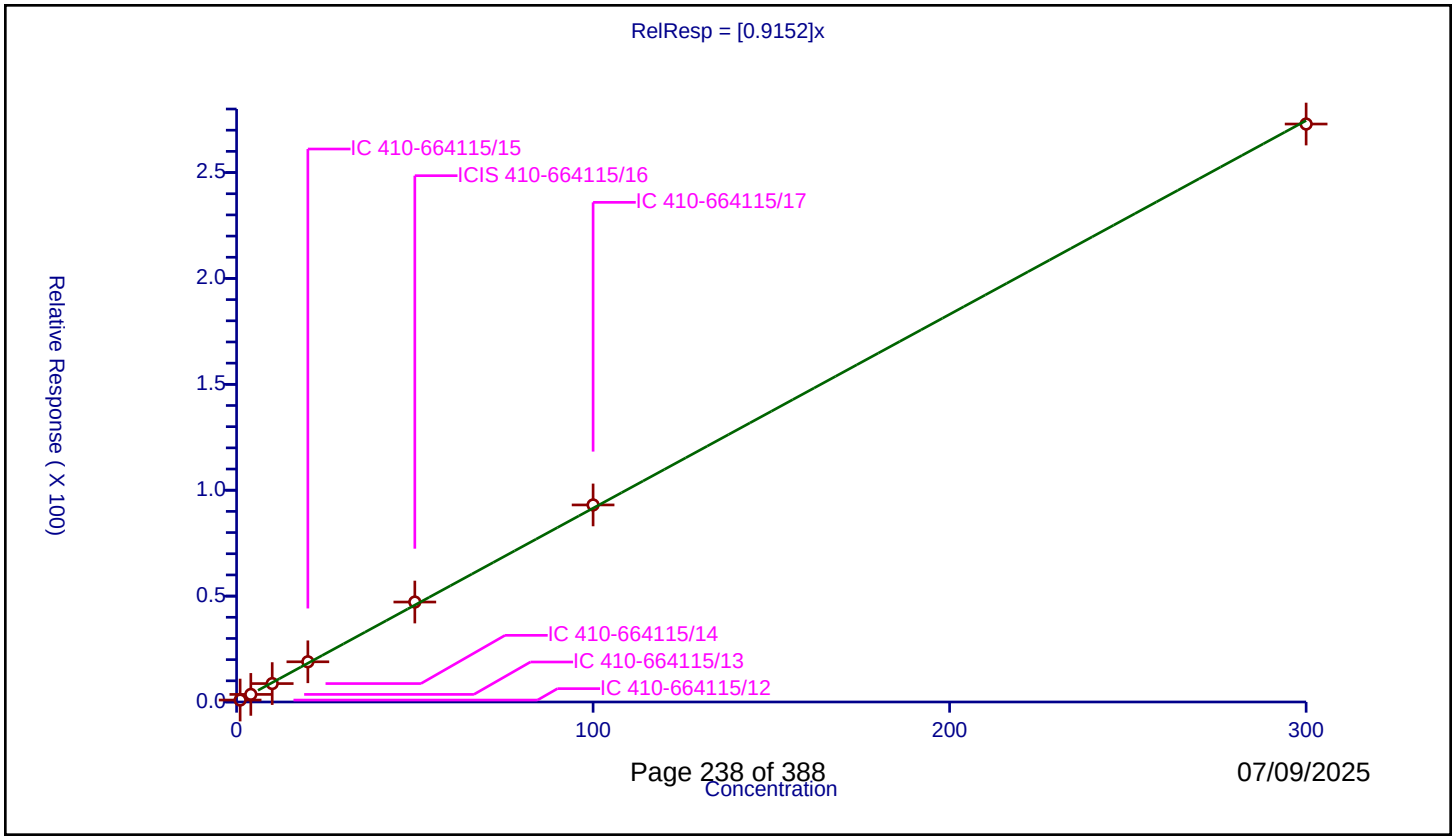
Curve Coefficients

Intercept:	0
Slope:	0.9152

Error Coefficients

Relative Standard Deviation:	3.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.909244	50.0	1142543.0	0.909244	Y
2	IC 410-664115/13	4.0	3.577185	50.0	1188043.0	0.894296	Y
3	IC 410-664115/14	10.0	8.69539	50.0	1175646.0	0.869539	Y
4	IC 410-664115/15	20.0	18.979232	50.0	1196550.0	0.948962	Y
5	ICIS 410-664115/16	50.0	47.199901	50.0	1189958.0	0.943998	Y
6	IC 410-664115/17	100.0	93.047232	50.0	1215034.0	0.930472	Y
7	IC 410-664115/18	300.0	272.912501	50.0	1236216.0	0.909708	Y



Calibration / 2-Butanone (MEK)

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

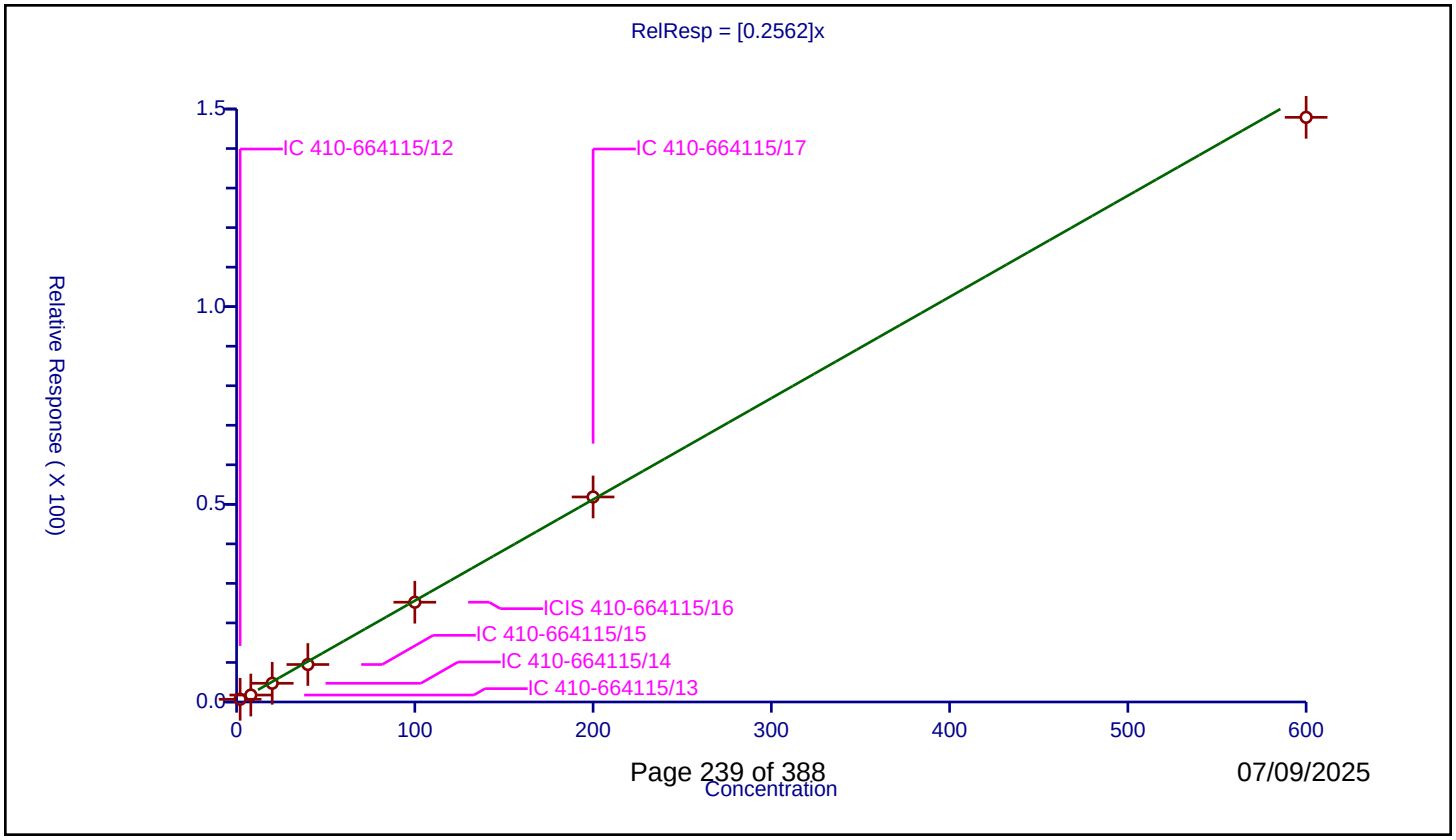
Curve Coefficients

Intercept:	0
Slope:	0.2562

Error Coefficients

Relative Standard Deviation:	15.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.683869	50.0	1142543.0	0.341935	Y
2	IC 410-664115/13	8.0	1.755492	50.0	1188043.0	0.219437	Y
3	IC 410-664115/14	20.0	4.730421	50.0	1175646.0	0.236521	Y
4	IC 410-664115/15	40.0	9.480715	50.0	1196550.0	0.237018	Y
5	ICIS 410-664115/16	100.0	25.237824	50.0	1189958.0	0.252378	Y
6	IC 410-664115/17	200.0	51.866285	50.0	1215034.0	0.259331	Y
7	IC 410-664115/18	600.0	147.892237	50.0	1236216.0	0.246487	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

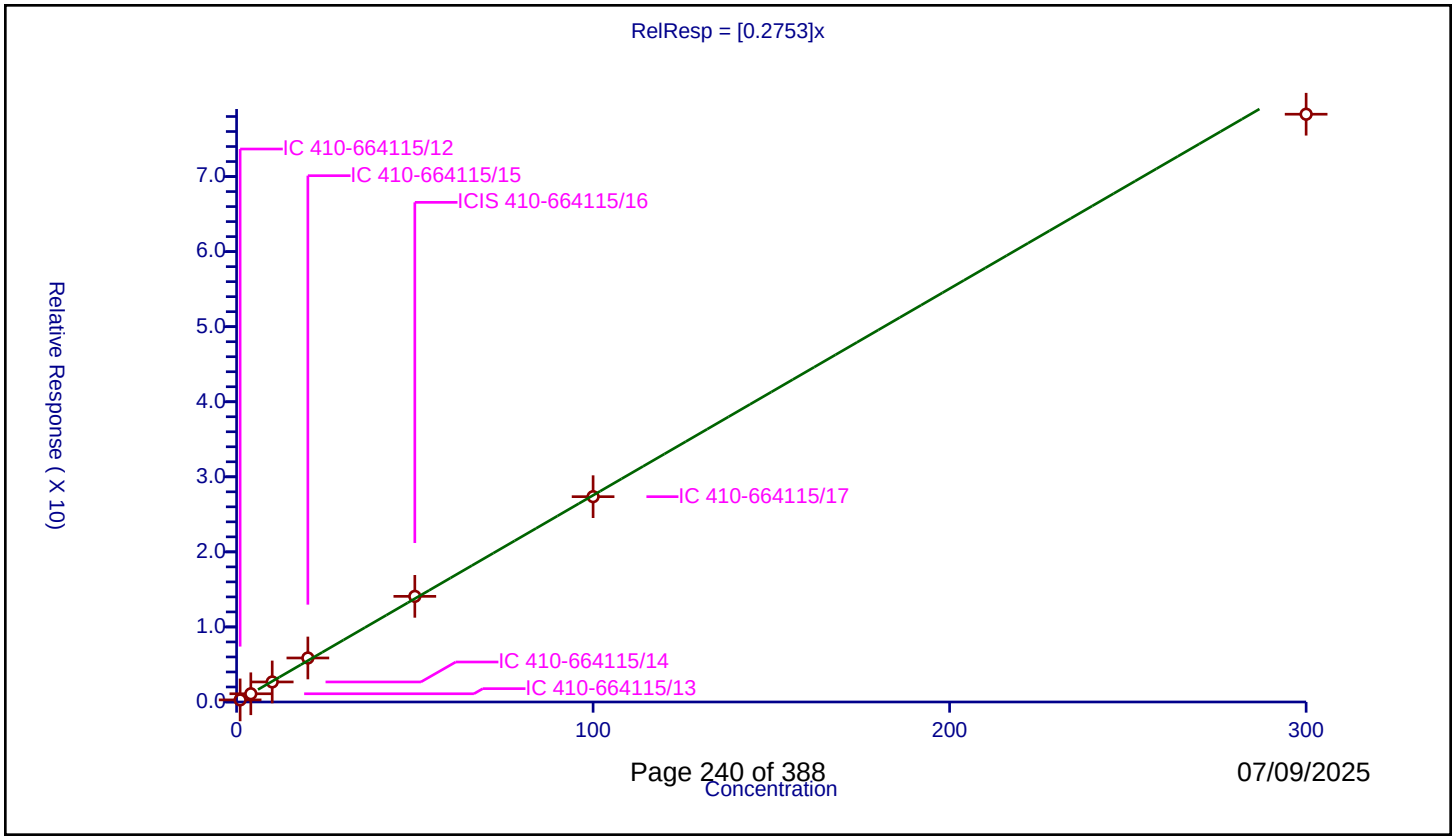
Curve Coefficients

Intercept:	0
Slope:	0.2753

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.277408	50.0	1142543.0	0.277408	Y
2	IC 410-664115/13	4.0	1.095204	50.0	1188043.0	0.273801	Y
3	IC 410-664115/14	10.0	2.668788	50.0	1175646.0	0.266879	Y
4	IC 410-664115/15	20.0	5.865488	50.0	1196550.0	0.293274	Y
5	ICIS 410-664115/16	50.0	14.07348	50.0	1189958.0	0.28147	Y
6	IC 410-664115/17	100.0	27.354379	50.0	1215034.0	0.273544	Y
7	IC 410-664115/18	300.0	78.307634	50.0	1236216.0	0.261025	Y



Calibration / 2,2-Dichloropropane

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

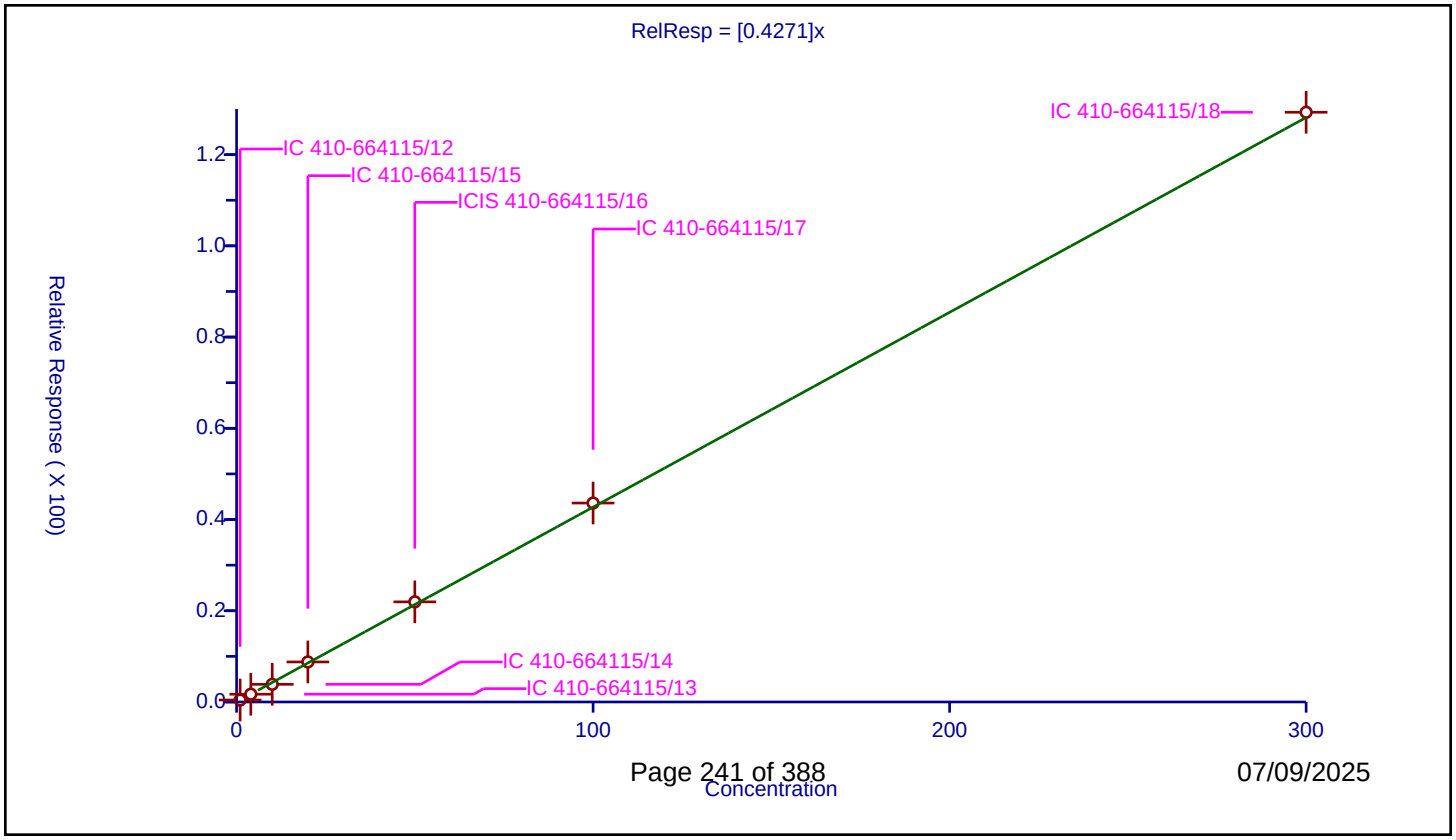
Curve Coefficients

Intercept:	0
Slope:	0.4271

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.430925	50.0	1142543.0	0.430925	Y
2	IC 410-664115/13	4.0	1.706293	50.0	1188043.0	0.426573	Y
3	IC 410-664115/14	10.0	3.87404	50.0	1175646.0	0.387404	Y
4	IC 410-664115/15	20.0	8.779784	50.0	1196550.0	0.438989	Y
5	ICIS 410-664115/16	50.0	21.950271	50.0	1189958.0	0.439005	Y
6	IC 410-664115/17	100.0	43.615734	50.0	1215034.0	0.436157	Y
7	IC 410-664115/18	300.0	129.284688	50.0	1236216.0	0.430949	Y



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Calibration / Propionitrile

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

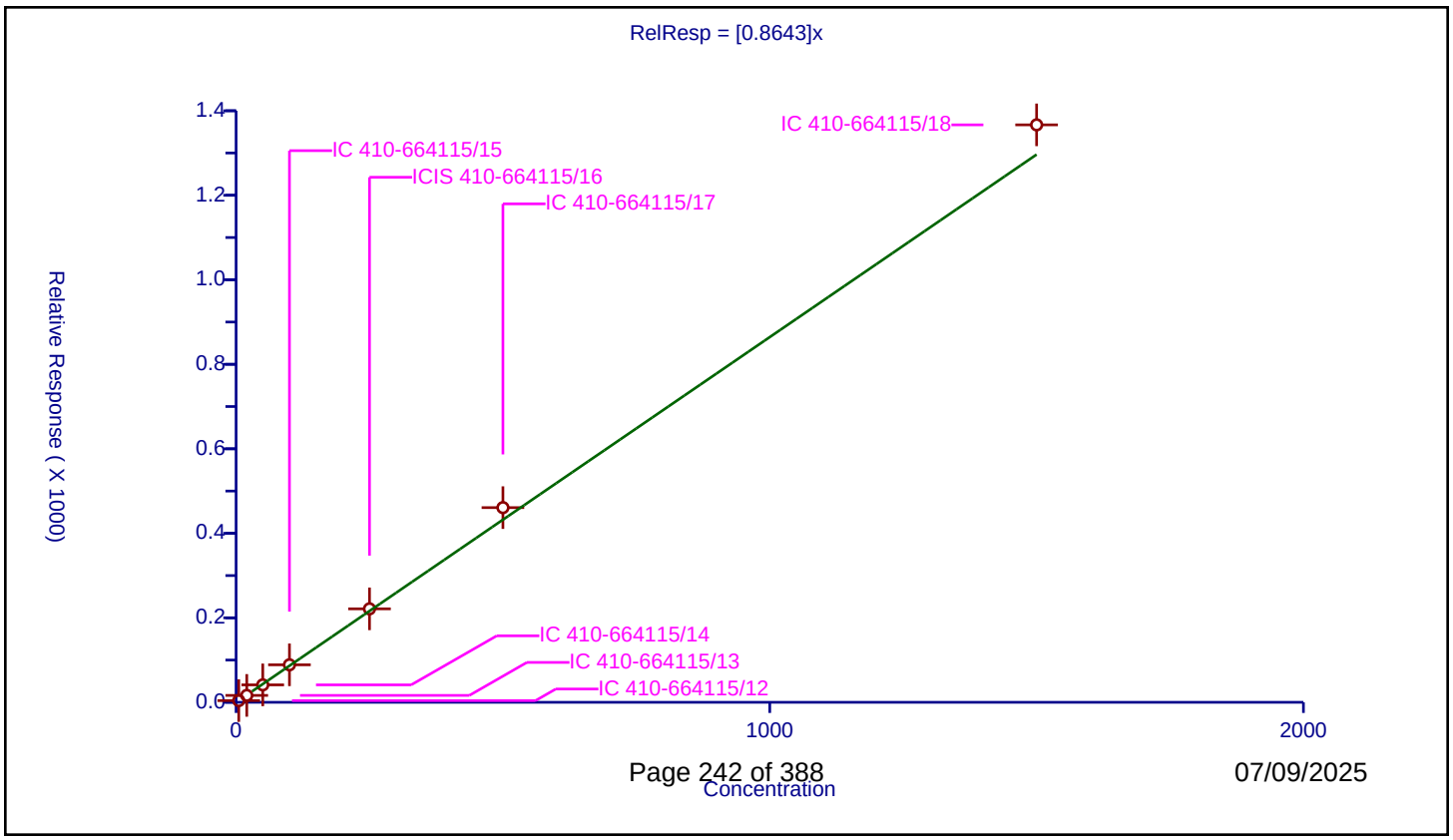
Curve Coefficients

Intercept:	0
Slope:	0.8643

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	4.009533	250.0	581115.0	0.801907	Y
2	IC 410-664115/13	20.0	16.363228	250.0	579470.0	0.818161	Y
3	IC 410-664115/14	50.0	41.247209	250.0	595113.0	0.824944	Y
4	IC 410-664115/15	100.0	88.744689	250.0	595430.0	0.887447	Y
5	ICIS 410-664115/16	250.0	221.222469	250.0	588645.0	0.88489	Y
6	IC 410-664115/17	500.0	460.752536	250.0	588331.0	0.921505	Y
7	IC 410-664115/18	1500.0	1366.623147	250.0	595510.0	0.911082	Y



Calibration / Methyl acrylate

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

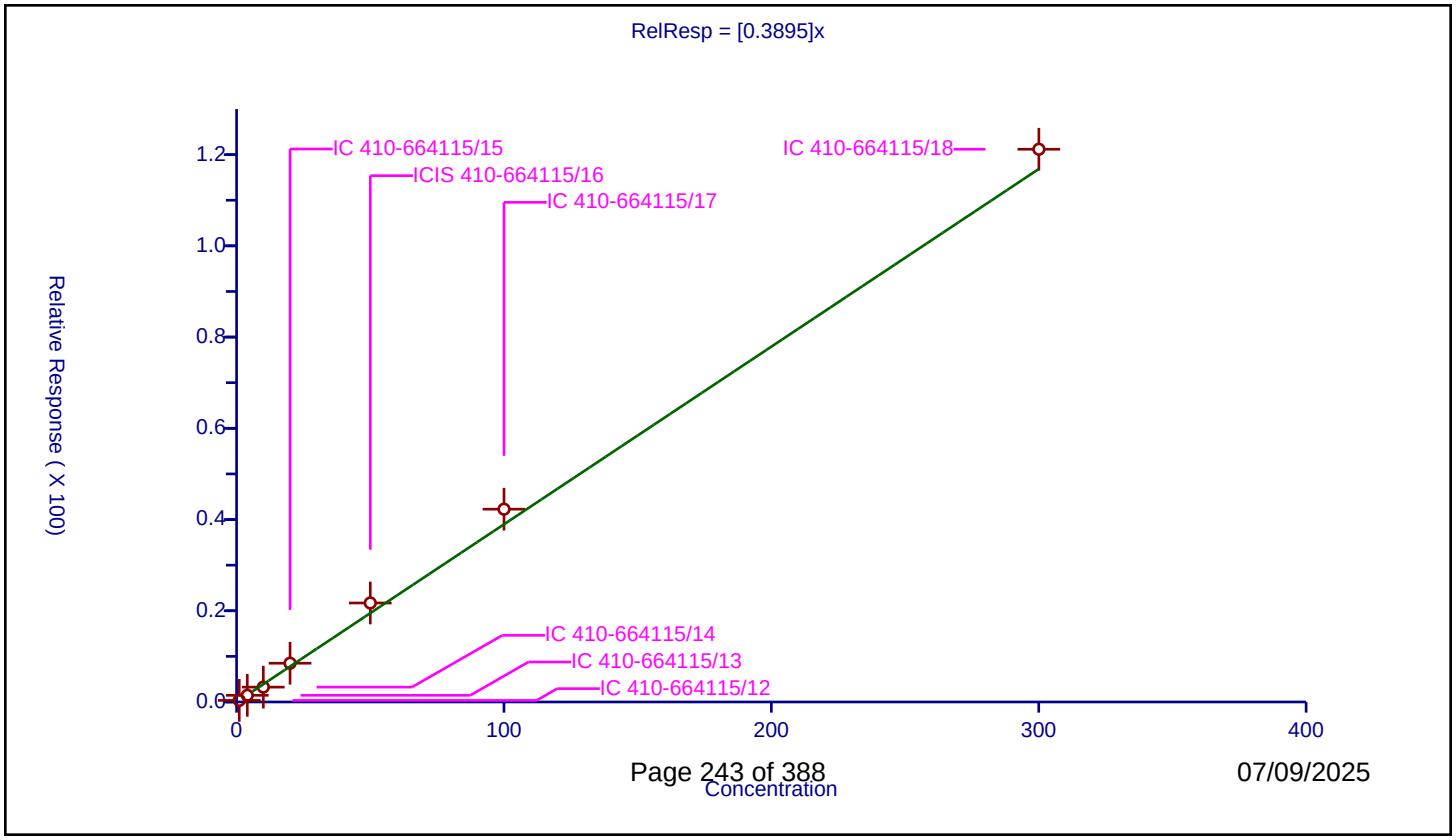
Curve Coefficients

Intercept:	0
Slope:	0.3895

Error Coefficients

Relative Standard Deviation:	10.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.000186	0.349352	50.0	1142543.0	0.349287	Y
2	IC 410-664115/13	4.000742	1.462447	50.0	1188043.0	0.365544	Y
3	IC 410-664115/14	10.001856	3.261483	50.0	1175646.0	0.326088	Y
4	IC 410-664115/15	20.003712	8.500104	50.0	1196550.0	0.424926	Y
5	ICIS 410-664115/16	50.00928	21.706396	50.0	1189958.0	0.434047	Y
6	IC 410-664115/17	100.01856	42.273138	50.0	1215034.0	0.422653	Y
7	IC 410-664115/18	300.05568	121.175466	50.0	1236216.0	0.403843	Y



Calibration / Methacrylonitrile

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

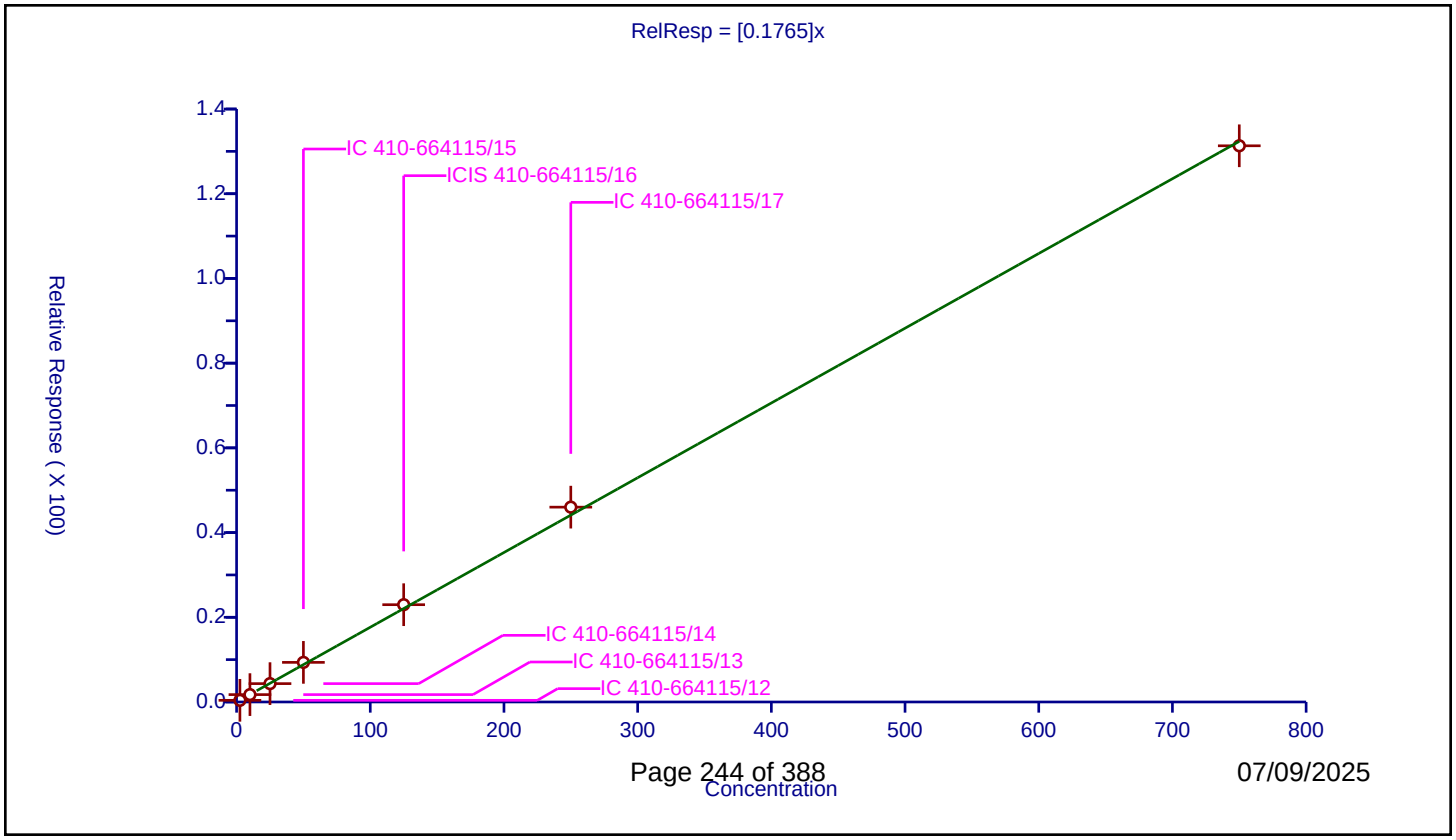
Curve Coefficients

Intercept:	0
Slope:	0.1765

Error Coefficients

Relative Standard Deviation:	5.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.5	0.395521	50.0	1142543.0	0.158208	Y
2	IC 410-664115/13	10.0	1.738068	50.0	1188043.0	0.173807	Y
3	IC 410-664115/14	25.0	4.334851	50.0	1175646.0	0.173394	Y
4	IC 410-664115/15	50.0	9.354519	50.0	1196550.0	0.18709	Y
5	ICIS 410-664115/16	125.0	22.970769	50.0	1189958.0	0.183766	Y
6	IC 410-664115/17	250.0	45.999824	50.0	1215034.0	0.183999	Y
7	IC 410-664115/18	750.0	131.318152	50.0	1236216.0	0.175091	Y



Calibration / Chlorobromomethane

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

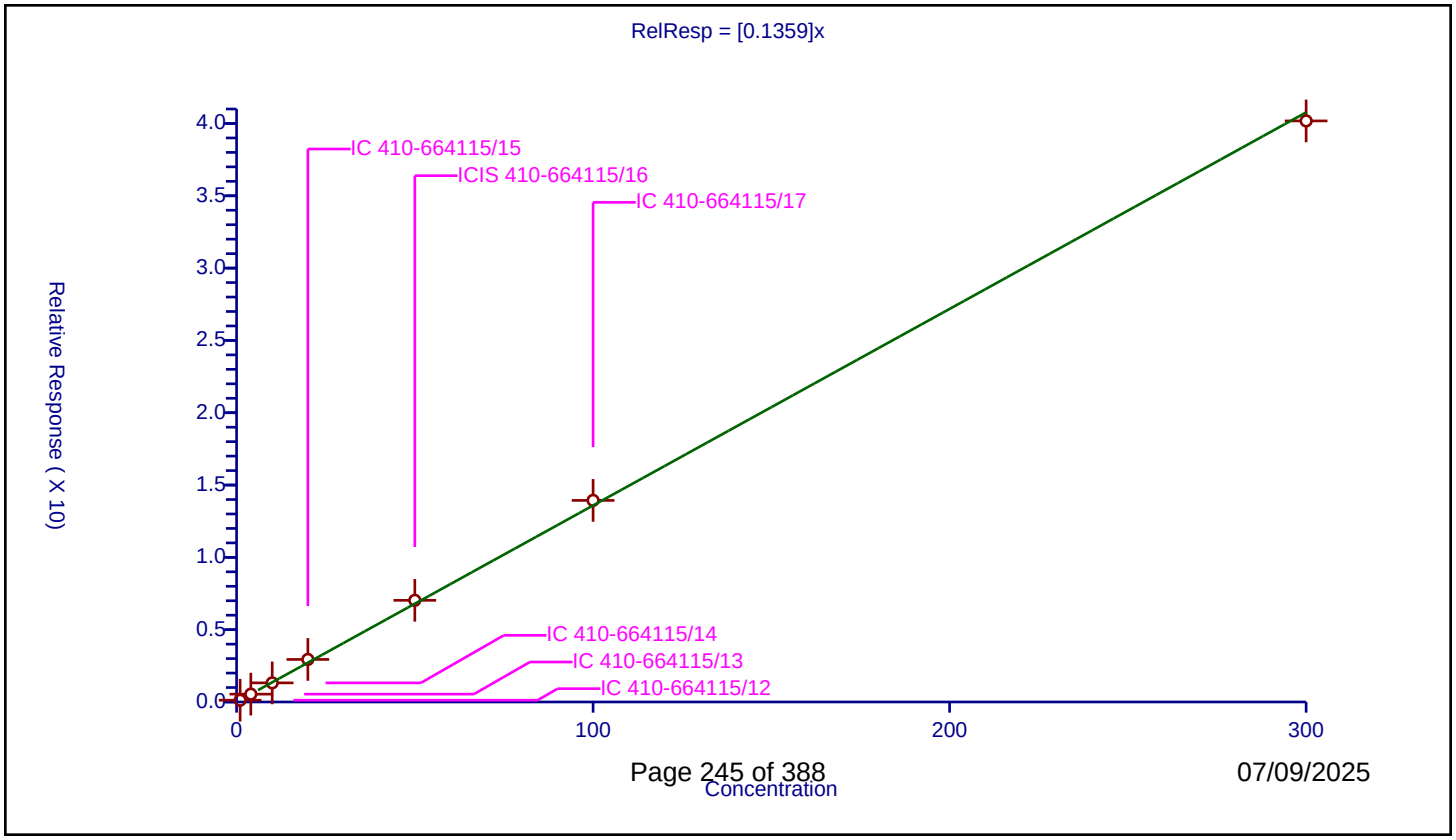
Curve Coefficients

Intercept:	0
Slope:	0.1359

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.122315	50.0	1142543.0	0.122315	Y
2	IC 410-664115/13	4.0	0.543162	50.0	1188043.0	0.135791	Y
3	IC 410-664115/14	10.0	1.321189	50.0	1175646.0	0.132119	Y
4	IC 410-664115/15	20.0	2.941833	50.0	1196550.0	0.147092	Y
5	ICIS 410-664115/16	50.0	7.029282	50.0	1189958.0	0.140586	Y
6	IC 410-664115/17	100.0	13.938581	50.0	1215034.0	0.139386	Y
7	IC 410-664115/18	300.0	40.178456	50.0	1236216.0	0.133928	Y



Calibration / Tetrahydrofuran

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

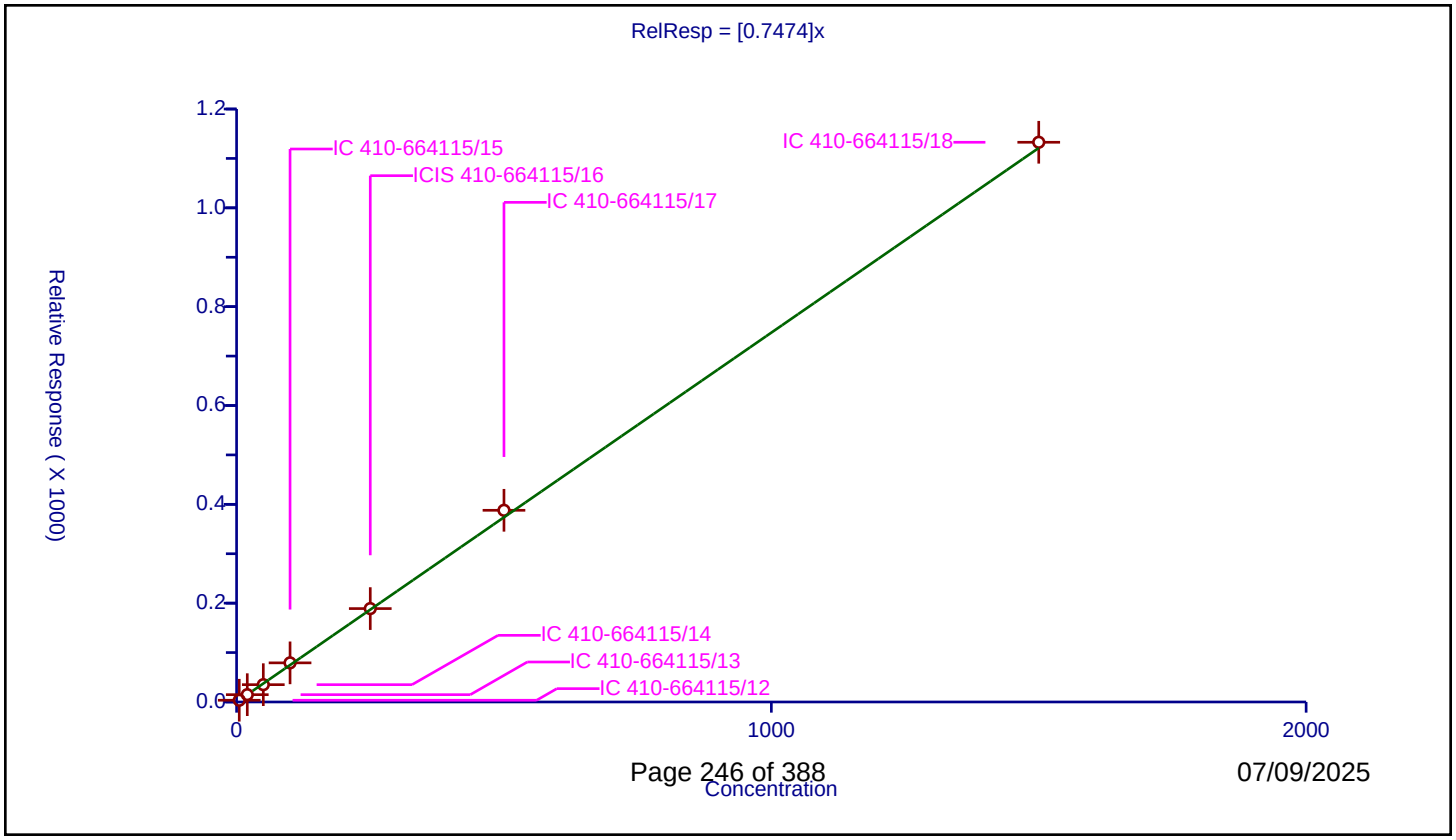
Curve Coefficients

Intercept:	0
Slope:	0.7474

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	3.555665	250.0	581115.0	0.711133	Y
2	IC 410-664115/13	20.0	14.831657	250.0	579470.0	0.741583	Y
3	IC 410-664115/14	50.0	35.029902	250.0	595113.0	0.700598	Y
4	IC 410-664115/15	100.0	79.175134	250.0	595430.0	0.791751	Y
5	ICIS 410-664115/16	250.0	189.018848	250.0	588645.0	0.756075	Y
6	IC 410-664115/17	500.0	387.931284	250.0	588331.0	0.775863	Y
7	IC 410-664115/18	1500.0	1132.70642	250.0	595510.0	0.755138	Y



Calibration / Chloroform

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

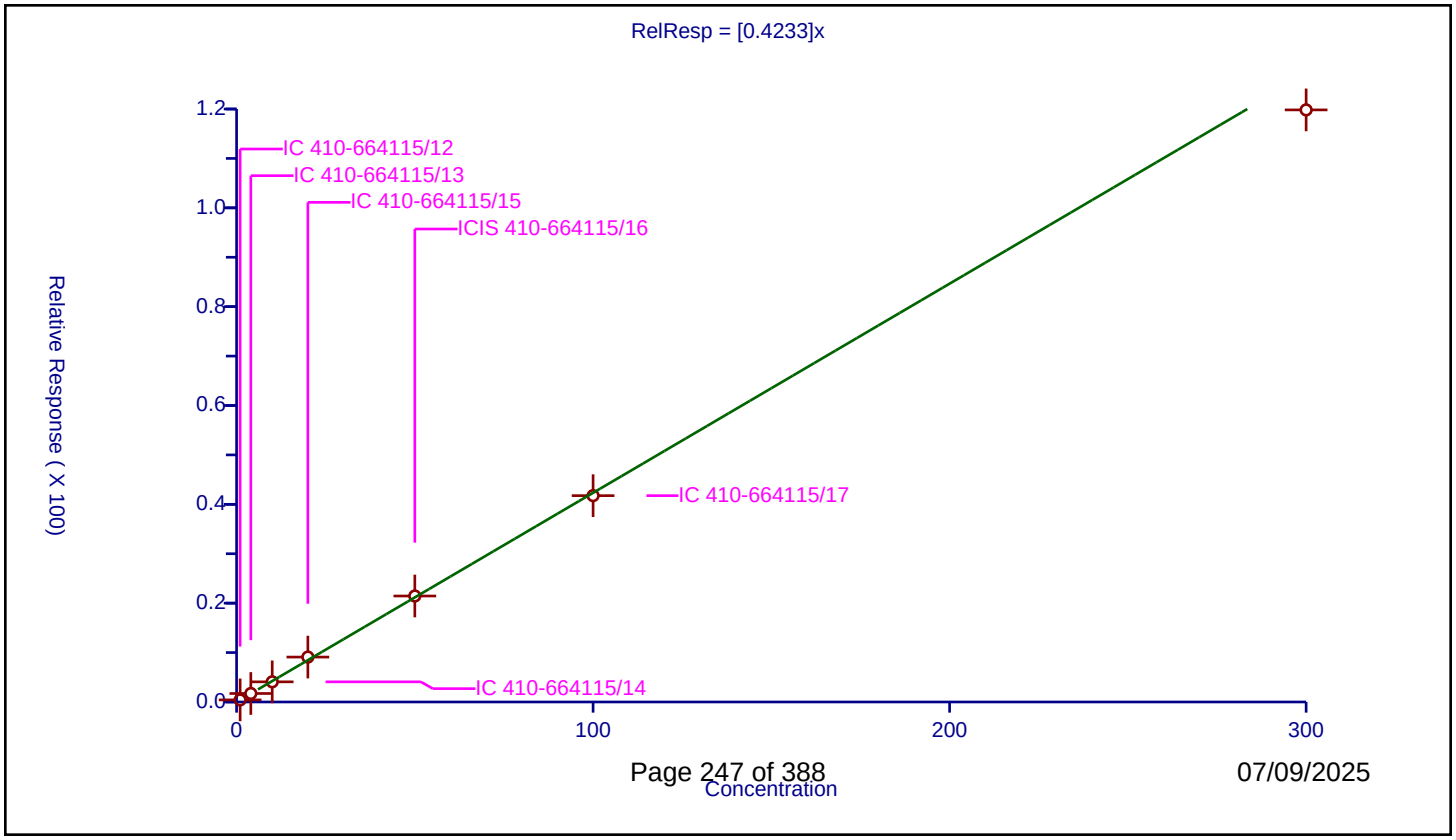
Curve Coefficients

Intercept:	0
Slope:	0.4233

Error Coefficients

Relative Standard Deviation:	4.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.424754	50.0	1142543.0	0.424754	Y
2	IC 410-664115/13	4.0	1.718751	50.0	1188043.0	0.429688	Y
3	IC 410-664115/14	10.0	4.078651	50.0	1175646.0	0.407865	Y
4	IC 410-664115/15	20.0	9.093017	50.0	1196550.0	0.454651	Y
5	ICIS 410-664115/16	50.0	21.449539	50.0	1189958.0	0.428991	Y
6	IC 410-664115/17	100.0	41.757679	50.0	1215034.0	0.417577	Y
7	IC 410-664115/18	300.0	119.821657	50.0	1236216.0	0.399406	Y



Calibration / Dibromofluoromethane (Surr)

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

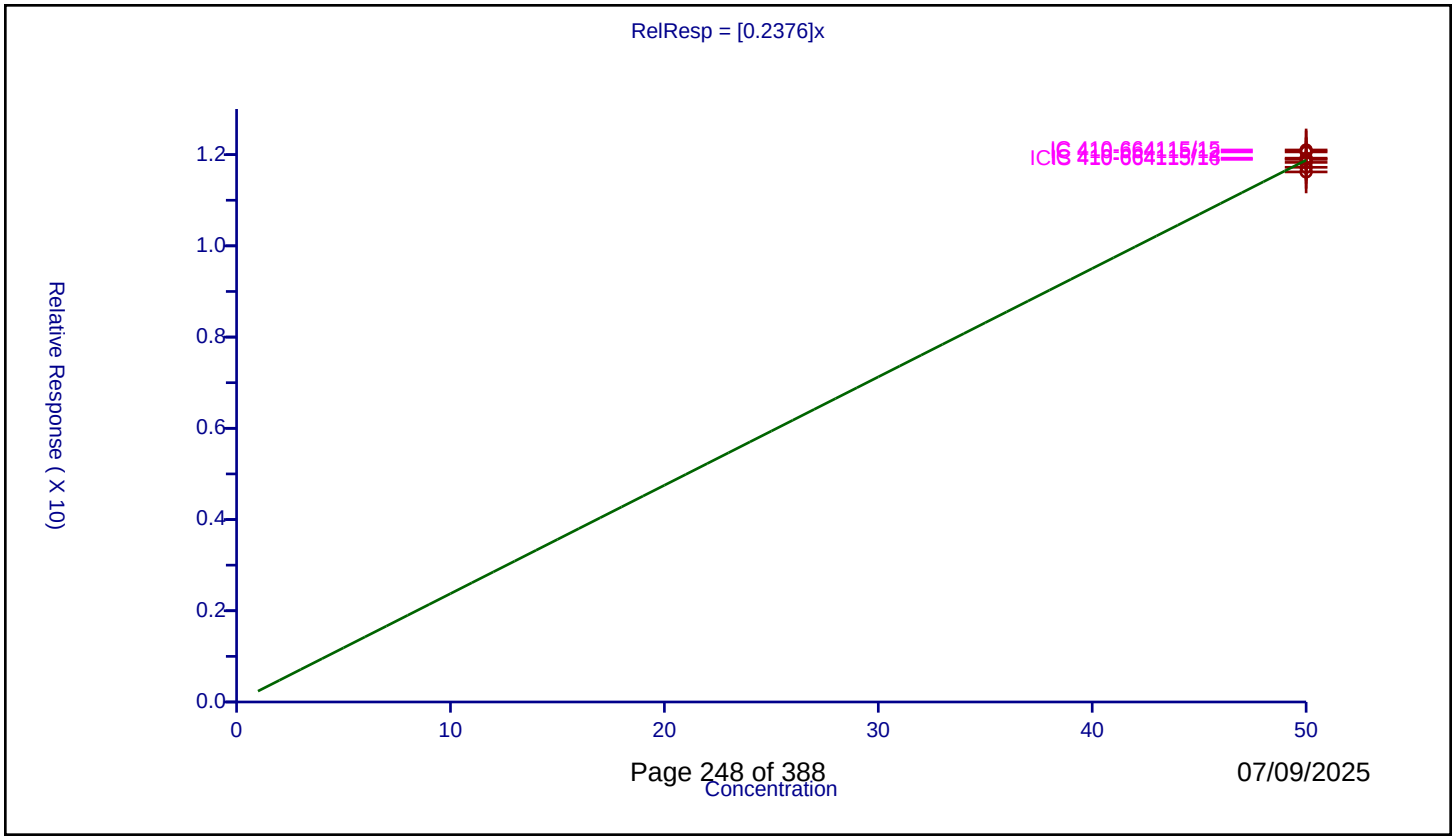
Curve Coefficients

Intercept:	0
Slope:	0.2376

Error Coefficients

Relative Standard Deviation:	1.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	12.059371	50.0	1142543.0	0.241187	Y
2	IC 410-664115/13	50.0	11.829454	50.0	1188043.0	0.236589	Y
3	IC 410-664115/14	50.0	11.922424	50.0	1175646.0	0.238448	Y
4	IC 410-664115/15	50.0	12.101834	50.0	1196550.0	0.242037	Y
5	ICIS 410-664115/16	50.0	11.895882	50.0	1189958.0	0.237918	Y
6	IC 410-664115/17	50.0	11.722059	50.0	1215034.0	0.234441	Y
7	IC 410-664115/18	50.0	11.620906	50.0	1236216.0	0.232418	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

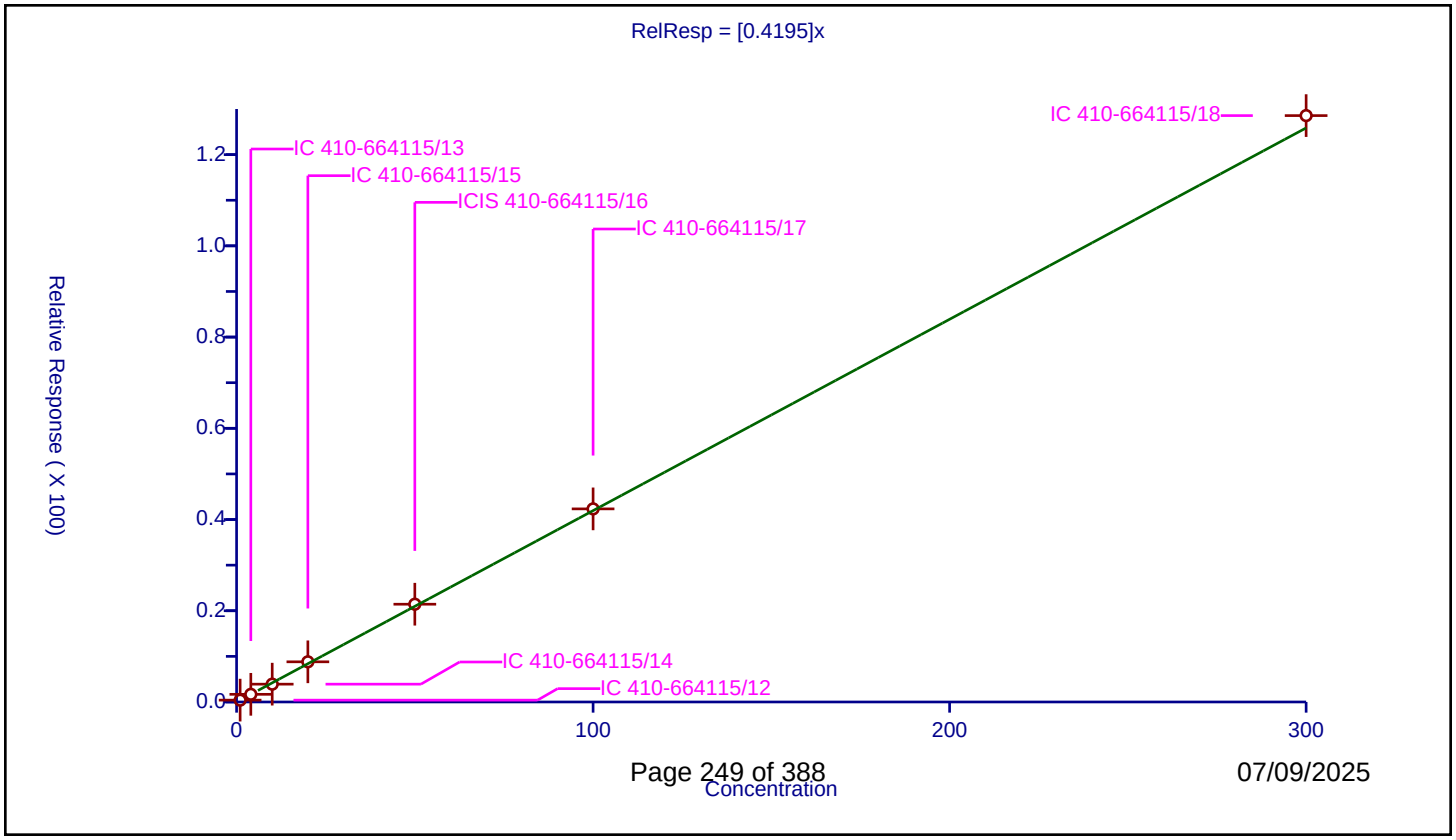
Curve Coefficients

Intercept:	0
Slope:	0.4195

Error Coefficients

Relative Standard Deviation:	3.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.404755	50.0	1142543.0	0.404755	Y
2	IC 410-664115/13	4.0	1.678559	50.0	1188043.0	0.41964	Y
3	IC 410-664115/14	10.0	3.910531	50.0	1175646.0	0.391053	Y
4	IC 410-664115/15	20.0	8.808993	50.0	1196550.0	0.44045	Y
5	ICIS 410-664115/16	50.0	21.438068	50.0	1189958.0	0.428761	Y
6	IC 410-664115/17	100.0	42.33577	50.0	1215034.0	0.423358	Y
7	IC 410-664115/18	300.0	128.554112	50.0	1236216.0	0.428514	Y



Calibration / Cyclohexane

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

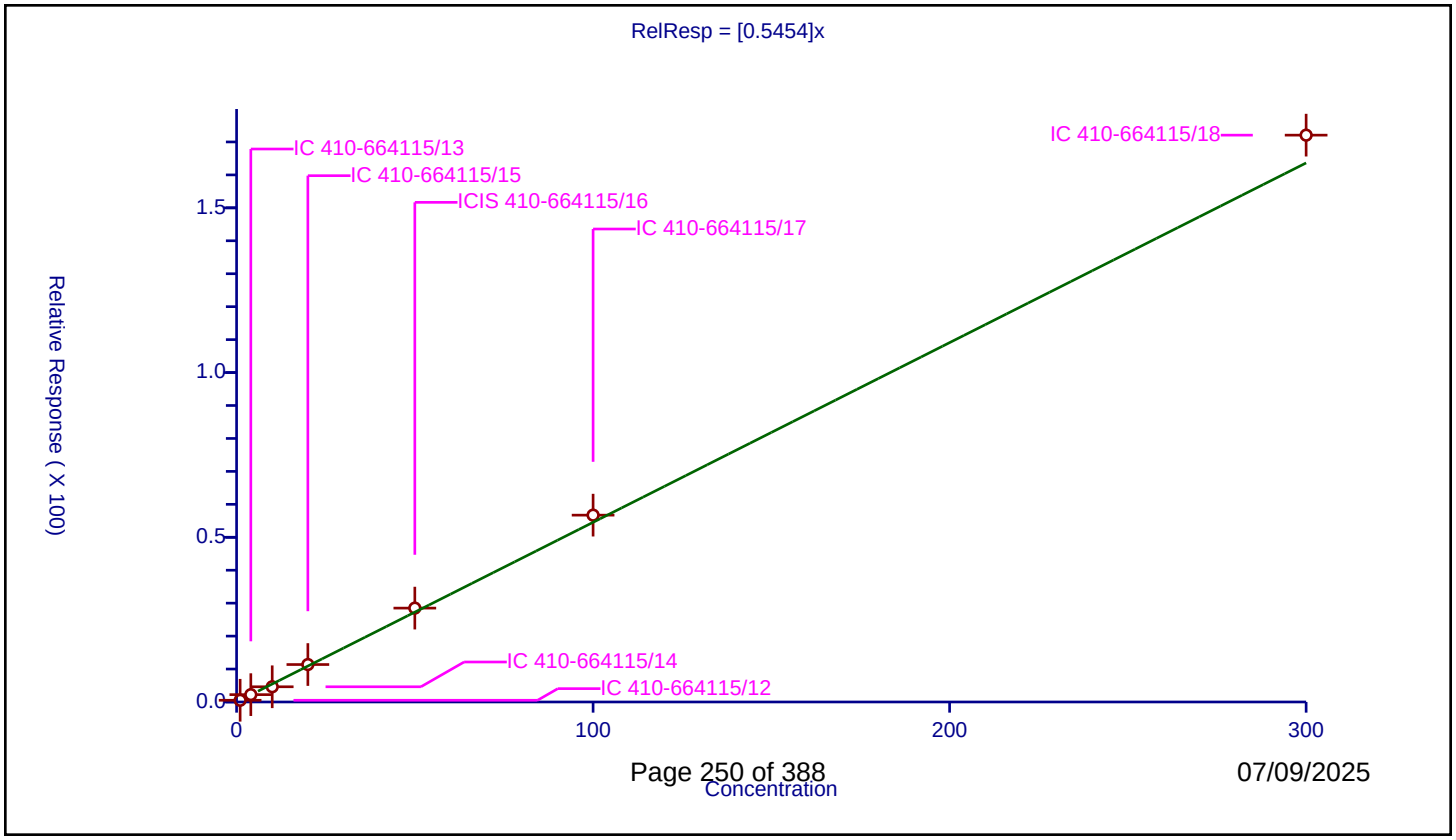
Curve Coefficients

Intercept:	0
Slope:	0.5454

Error Coefficients

Relative Standard Deviation:	7.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.51963	50.0	1142543.0	0.51963	Y
2	IC 410-664115/13	4.0	2.228707	50.0	1188043.0	0.557177	Y
3	IC 410-664115/14	10.0	4.620779	50.0	1175646.0	0.462078	Y
4	IC 410-664115/15	20.0	11.369061	50.0	1196550.0	0.568453	Y
5	ICIS 410-664115/16	50.0	28.496258	50.0	1189958.0	0.569925	Y
6	IC 410-664115/17	100.0	56.717261	50.0	1215034.0	0.567173	Y
7	IC 410-664115/18	300.0	172.06722	50.0	1236216.0	0.573557	Y



07/09/2025

Calibration / Carbon tetrachloride

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

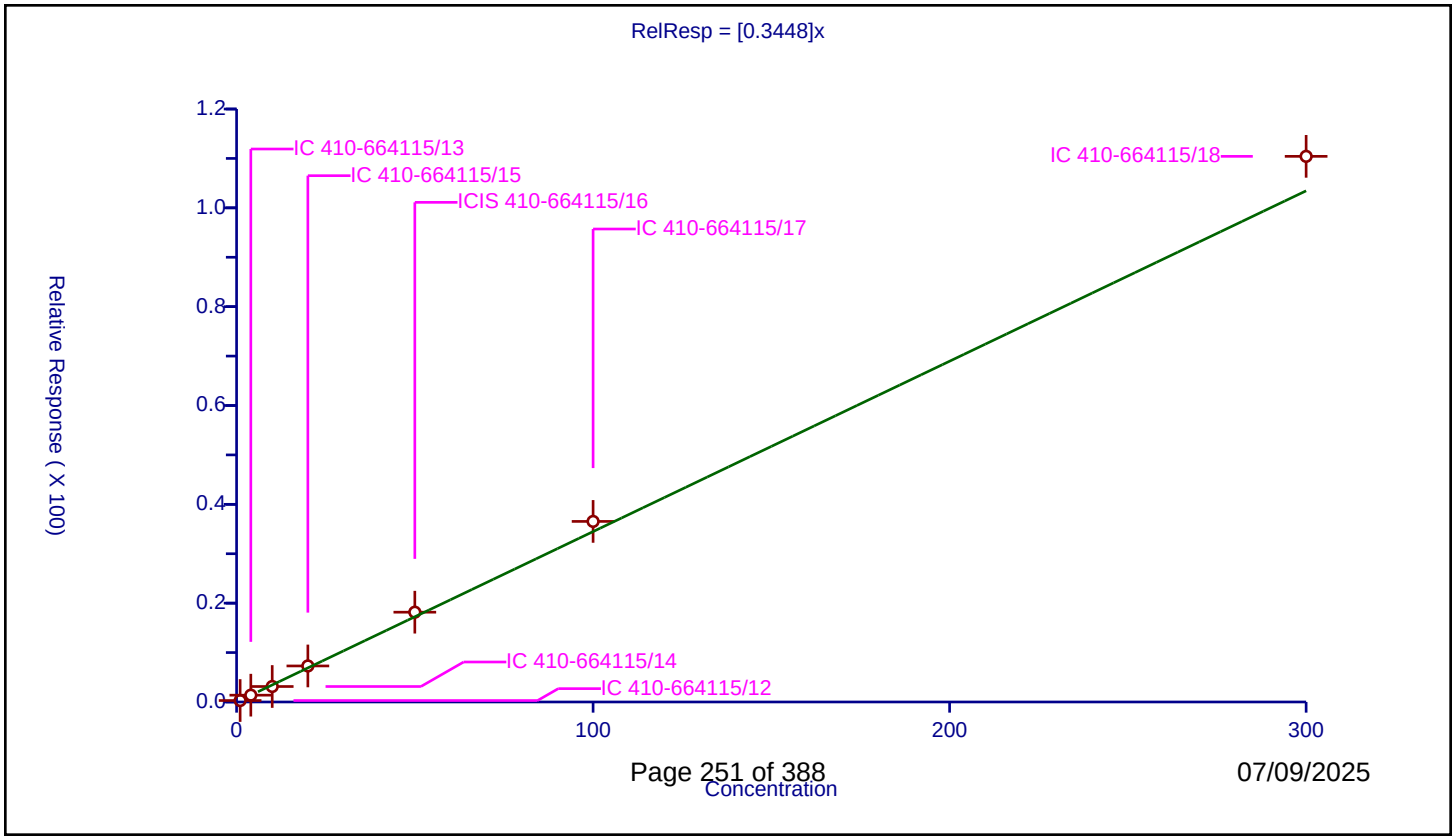
Curve Coefficients

Intercept:	0
Slope:	0.3448

Error Coefficients

Relative Standard Deviation:	8.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.293775	50.0	1142543.0	0.293775	Y
2	IC 410-664115/13	4.0	1.379664	50.0	1188043.0	0.344916	Y
3	IC 410-664115/14	10.0	3.133766	50.0	1175646.0	0.313377	Y
4	IC 410-664115/15	20.0	7.295642	50.0	1196550.0	0.364782	Y
5	ICIS 410-664115/16	50.0	18.170809	50.0	1189958.0	0.363416	Y
6	IC 410-664115/17	100.0	36.540706	50.0	1215034.0	0.365407	Y
7	IC 410-664115/18	300.0	110.420347	50.0	1236216.0	0.368068	Y



Calibration / 1,1-Dichloropropene

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

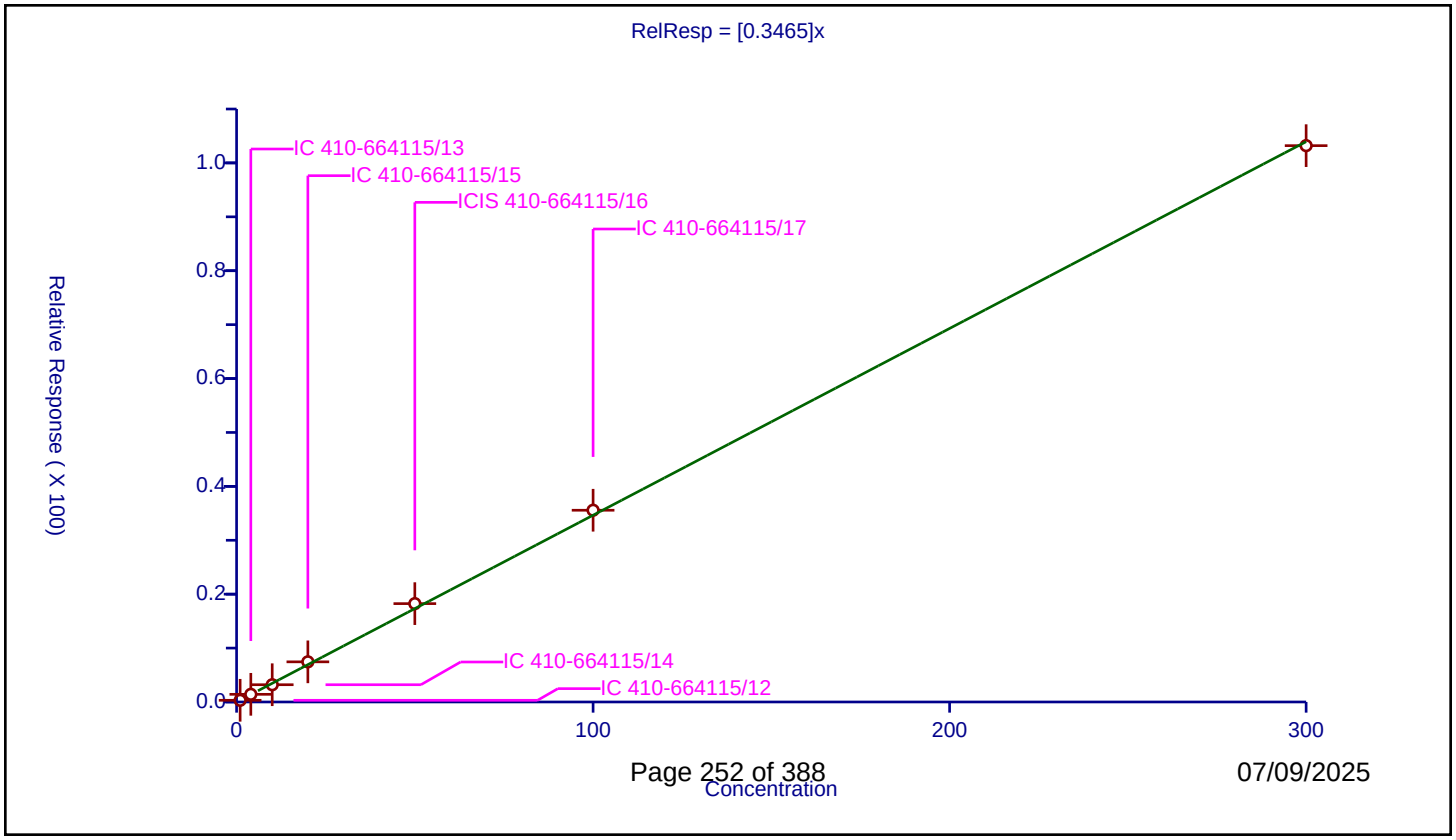
Curve Coefficients

Intercept:	0
Slope:	0.3465

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.313161	50.0	1142543.0	0.313161	Y
2	IC 410-664115/13	4.0	1.420235	50.0	1188043.0	0.355059	Y
3	IC 410-664115/14	10.0	3.200581	50.0	1175646.0	0.320058	Y
4	IC 410-664115/15	20.0	7.448999	50.0	1196550.0	0.37245	Y
5	ICIS 410-664115/16	50.0	18.244467	50.0	1189958.0	0.364889	Y
6	IC 410-664115/17	100.0	35.568099	50.0	1215034.0	0.355681	Y
7	IC 410-664115/18	300.0	103.204214	50.0	1236216.0	0.344014	Y



Calibration / Isobutyl alcohol

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

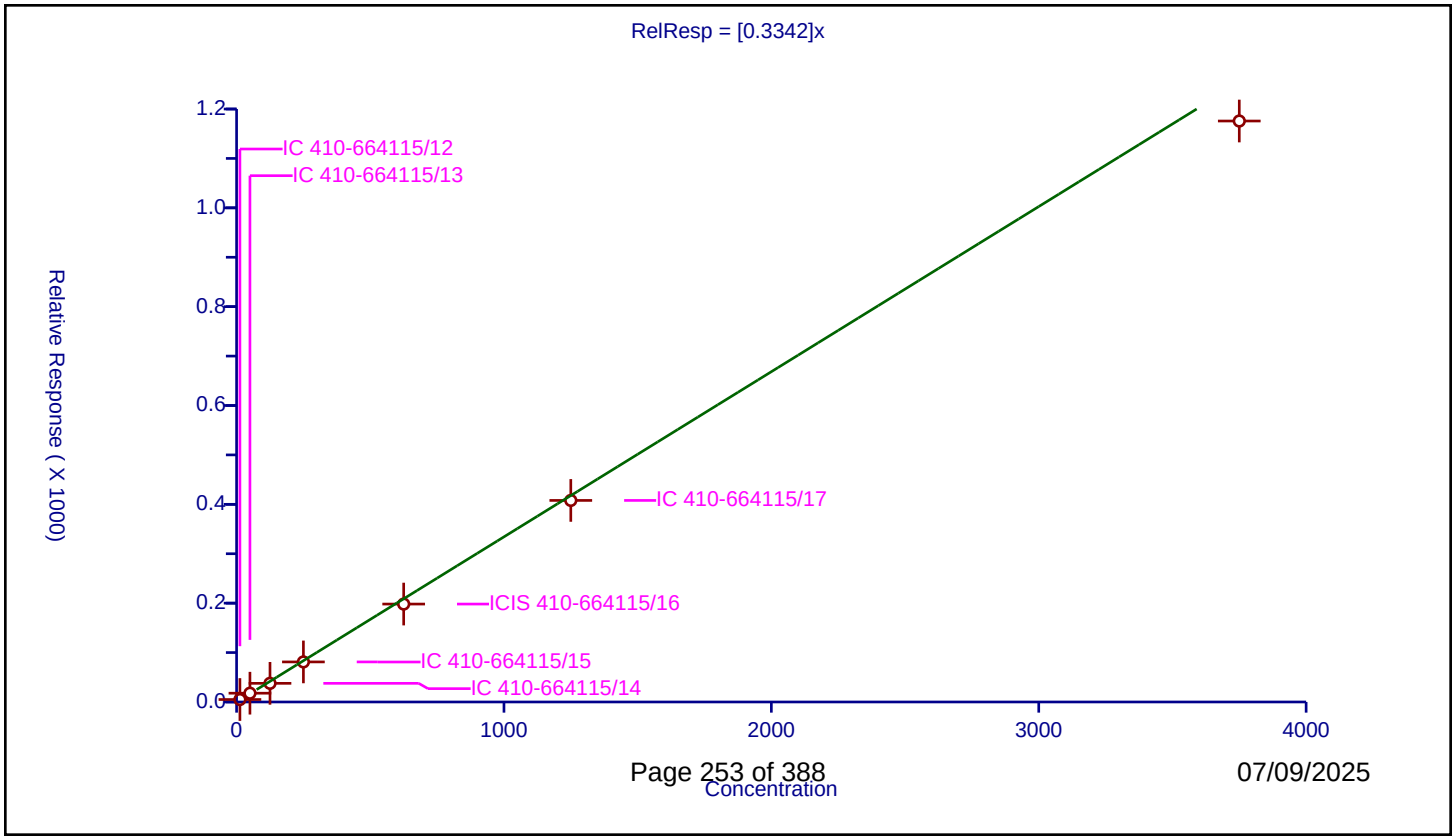
Curve Coefficients

Intercept:	0
Slope:	0.3342

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	12.5	5.002452	250.0	581115.0	0.400196	Y
2	IC 410-664115/13	50.0	17.787806	250.0	579470.0	0.355756	Y
3	IC 410-664115/14	125.0	37.762996	250.0	595113.0	0.302104	Y
4	IC 410-664115/15	250.0	81.097274	250.0	595430.0	0.324389	Y
5	ICIS 410-664115/16	625.0	198.197131	250.0	588645.0	0.317115	Y
6	IC 410-664115/17	1250.0	407.871164	250.0	588331.0	0.326297	Y
7	IC 410-664115/18	3750.0	1175.691844	250.0	595510.0	0.313518	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

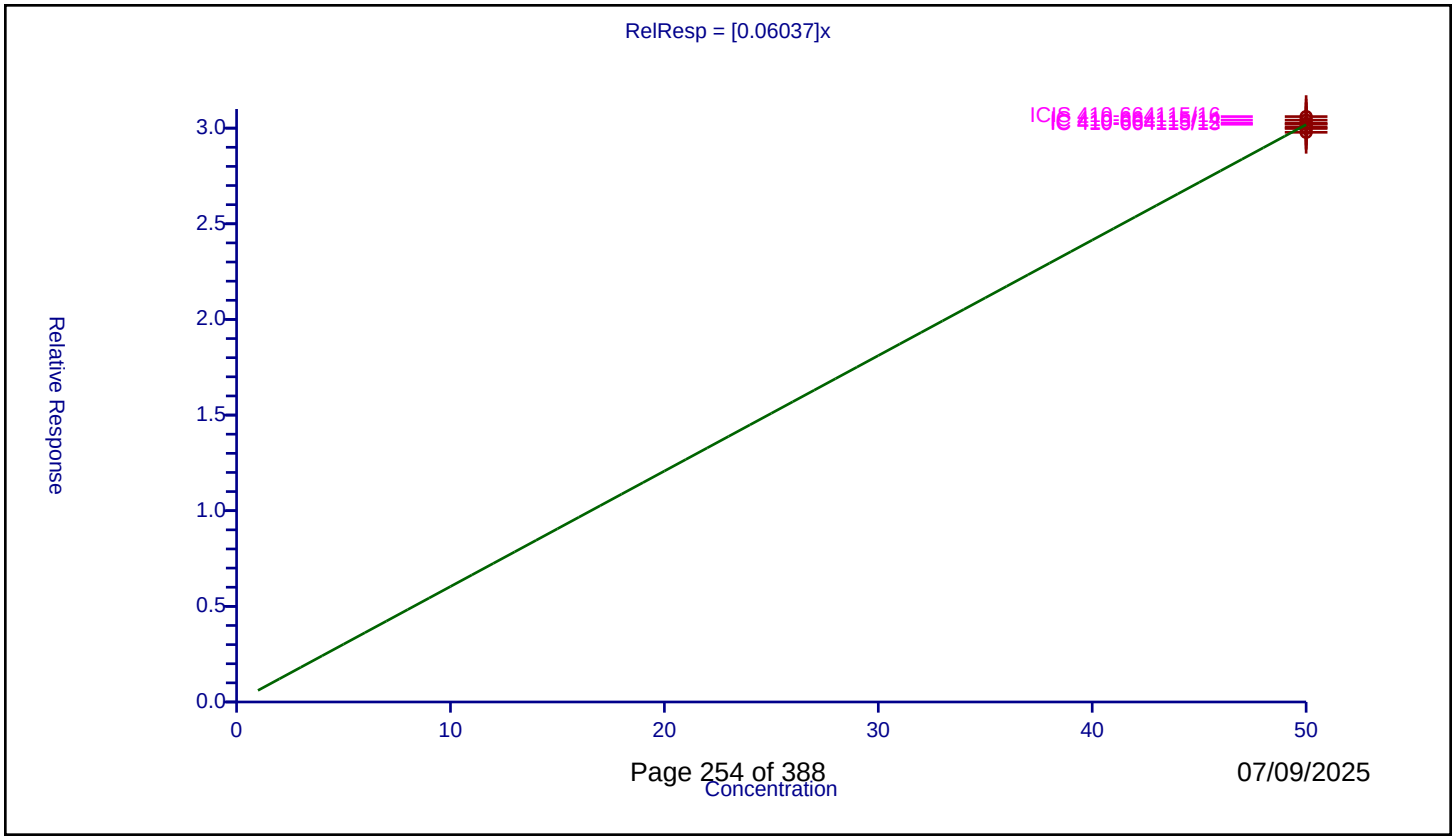
Curve Coefficients

Intercept:	0
Slope:	0.06037

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	3.025225	50.0	1142543.0	0.060505	Y
2	IC 410-664115/13	50.0	3.020303	50.0	1188043.0	0.060406	Y
3	IC 410-664115/14	50.0	3.041817	50.0	1175646.0	0.060836	Y
4	IC 410-664115/15	50.0	2.978354	50.0	1196550.0	0.059567	Y
5	ICIS 410-664115/16	50.0	3.06036	50.0	1189958.0	0.061207	Y
6	IC 410-664115/17	50.0	3.004196	50.0	1215034.0	0.060084	Y
7	IC 410-664115/18	50.0	2.998101	50.0	1236216.0	0.059962	Y



Calibration / Benzene

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

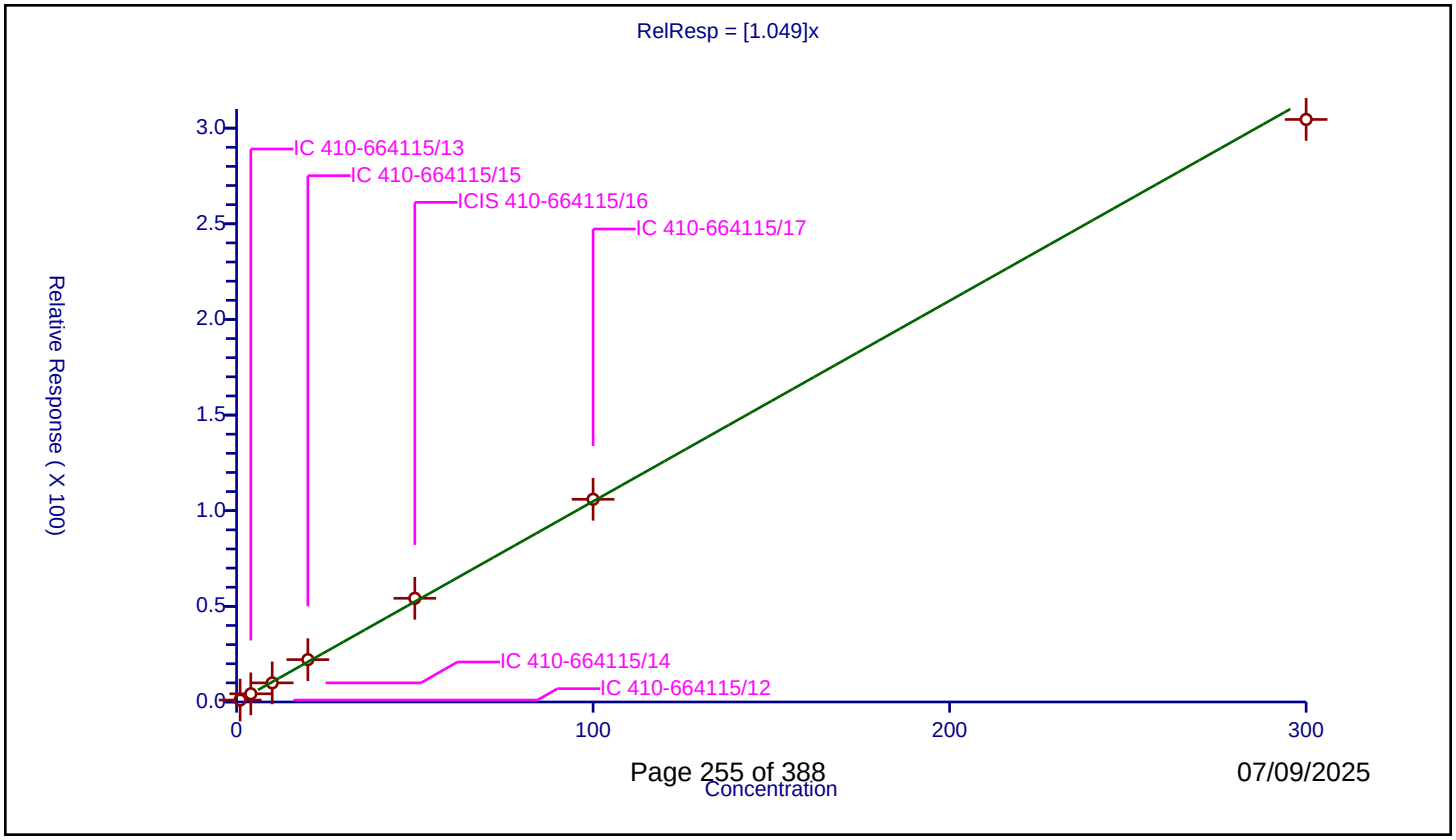
Curve Coefficients

Intercept:	0
Slope:	1.049

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.004426	50.0	1142543.0	1.004426	Y
2	IC 410-664115/13	4.0	4.288734	50.0	1188043.0	1.072183	Y
3	IC 410-664115/14	10.0	9.984341	50.0	1175646.0	0.998434	Y
4	IC 410-664115/15	20.0	22.150182	50.0	1196550.0	1.107509	Y
5	ICIS 410-664115/16	50.0	54.203804	50.0	1189958.0	1.084076	Y
6	IC 410-664115/17	100.0	105.9758	50.0	1215034.0	1.059758	Y
7	IC 410-664115/18	300.0	304.545565	50.0	1236216.0	1.015152	Y



Calibration / 1,2-Dichloroethane

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

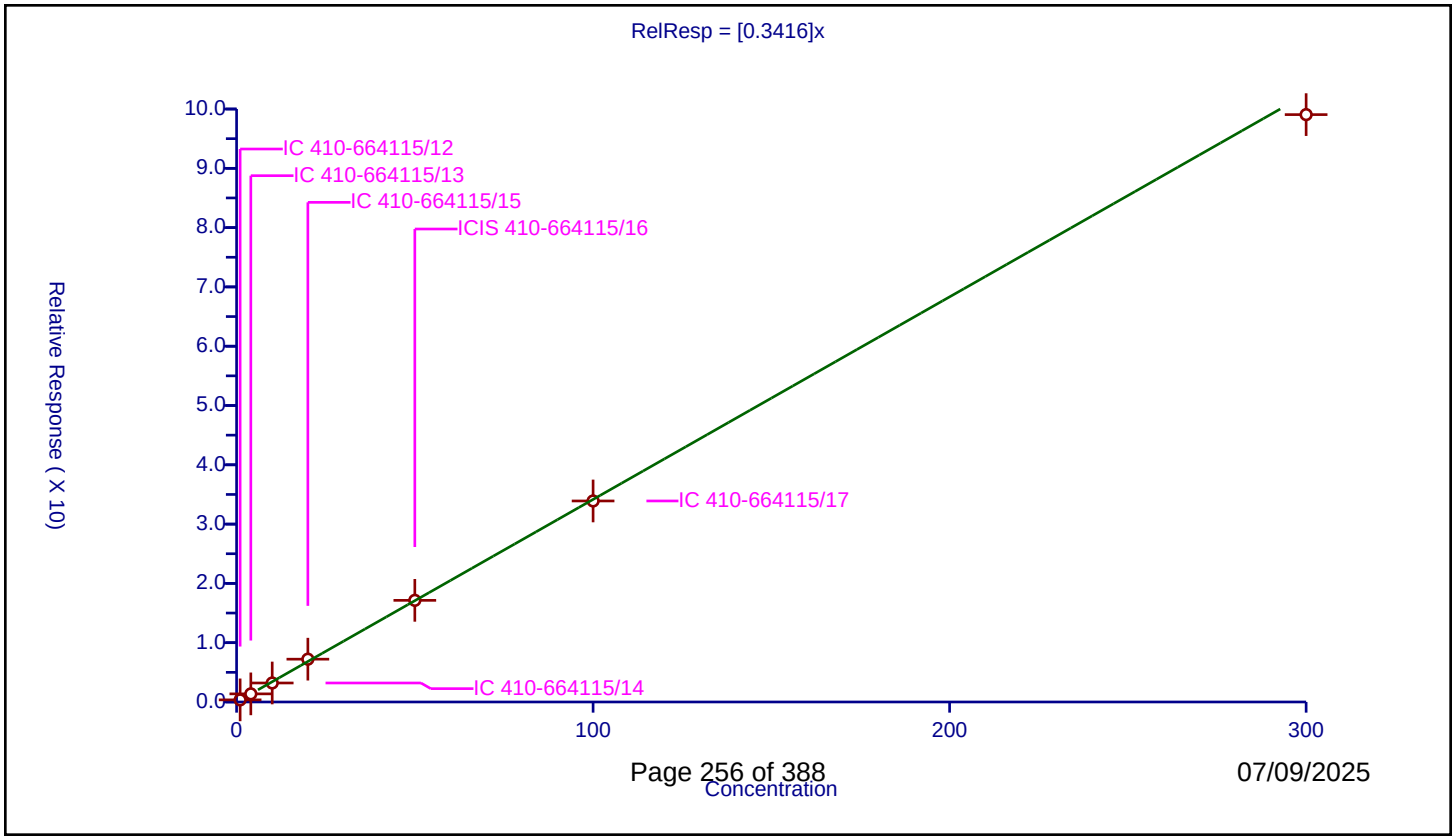
Curve Coefficients

Intercept:	0
Slope:	0.3416

Error Coefficients

Relative Standard Deviation:	4.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.356135	50.0	1142543.0	0.356135	Y
2	IC 410-664115/13	4.0	1.367459	50.0	1188043.0	0.341865	Y
3	IC 410-664115/14	10.0	3.202622	50.0	1175646.0	0.320262	Y
4	IC 410-664115/15	20.0	7.219464	50.0	1196550.0	0.360973	Y
5	ICIS 410-664115/16	50.0	17.13947	50.0	1189958.0	0.342789	Y
6	IC 410-664115/17	100.0	33.900245	50.0	1215034.0	0.339002	Y
7	IC 410-664115/18	300.0	99.053361	50.0	1236216.0	0.330178	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

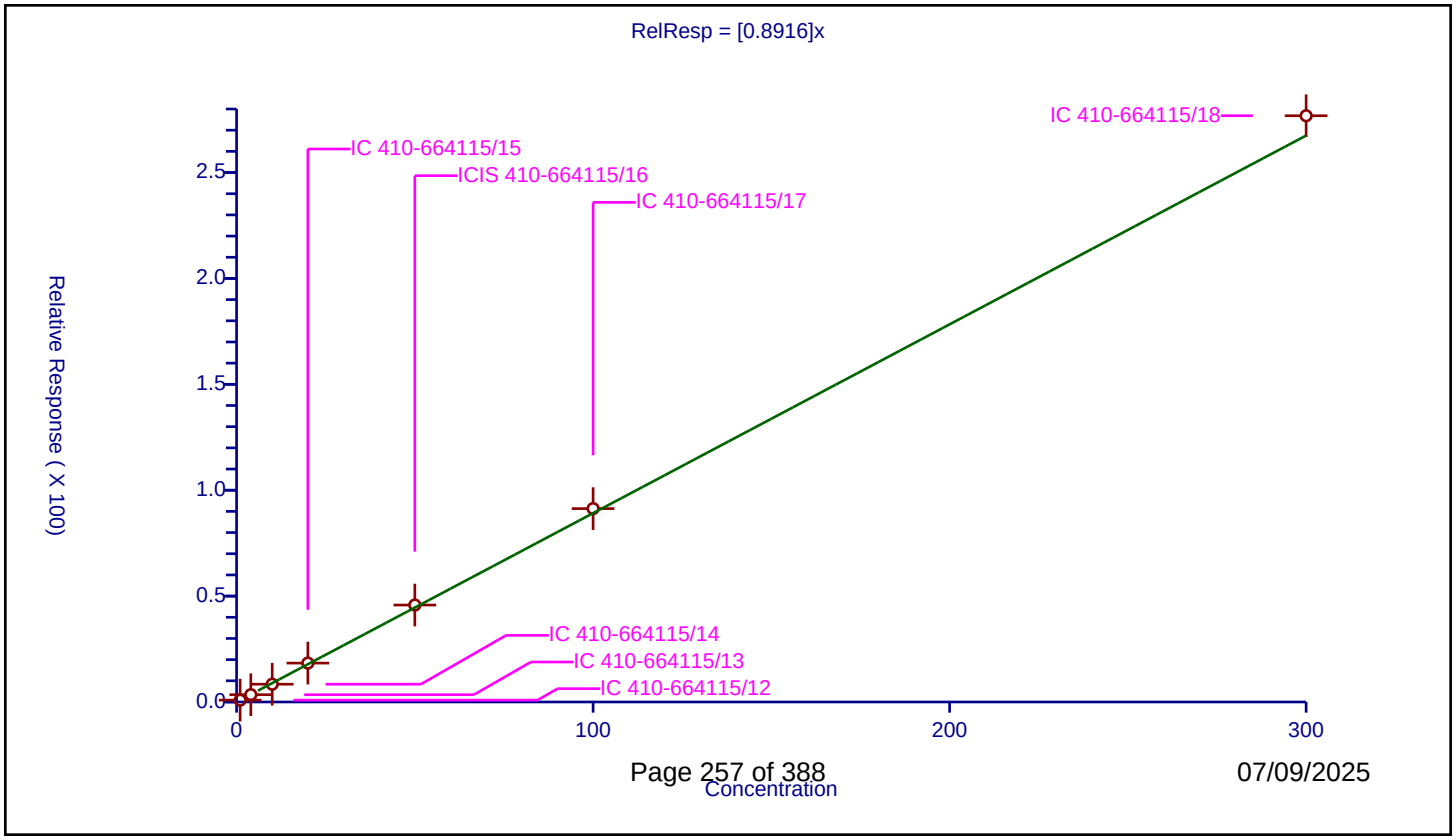
Curve Coefficients

Intercept:	0
Slope:	0.8916

Error Coefficients

Relative Standard Deviation:	3.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.870033	50.0	1142543.0	0.870033	Y
2	IC 410-664115/13	4.0	3.447602	50.0	1188043.0	0.861901	Y
3	IC 410-664115/14	10.0	8.393981	50.0	1175646.0	0.839398	Y
4	IC 410-664115/15	20.0	18.365969	50.0	1196550.0	0.918298	Y
5	ICIS 410-664115/16	50.0	45.771615	50.0	1189958.0	0.915432	Y
6	IC 410-664115/17	100.0	91.314893	50.0	1215034.0	0.913149	Y
7	IC 410-664115/18	300.0	276.820839	50.0	1236216.0	0.922736	Y



Calibration / n-Heptane

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

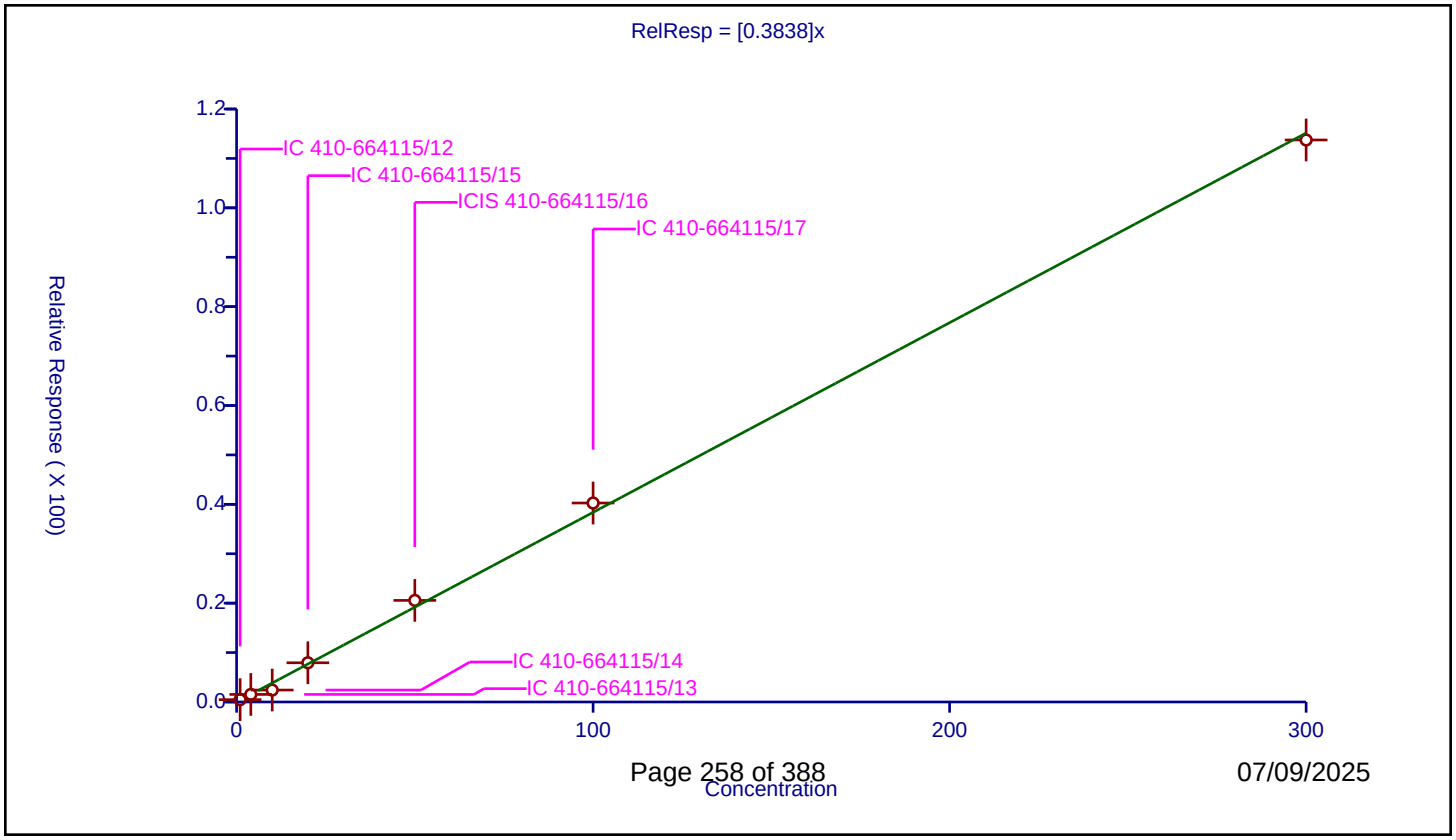
Curve Coefficients

Intercept:	0
Slope:	0.3838

Error Coefficients

Relative Standard Deviation:	18.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.472717	50.0	1142543.0	0.472717	Y
2	IC 410-664115/13	4.0	1.531089	50.0	1188043.0	0.382772	Y
3	IC 410-664115/14	10.0	2.412588	50.0	1175646.0	0.241259	Y
4	IC 410-664115/15	20.0	7.937445	50.0	1196550.0	0.396872	Y
5	ICIS 410-664115/16	50.0	20.556944	50.0	1189958.0	0.411139	Y
6	IC 410-664115/17	100.0	40.264264	50.0	1215034.0	0.402643	Y
7	IC 410-664115/18	300.0	113.734412	50.0	1236216.0	0.379115	Y



Calibration / n-Butanol

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

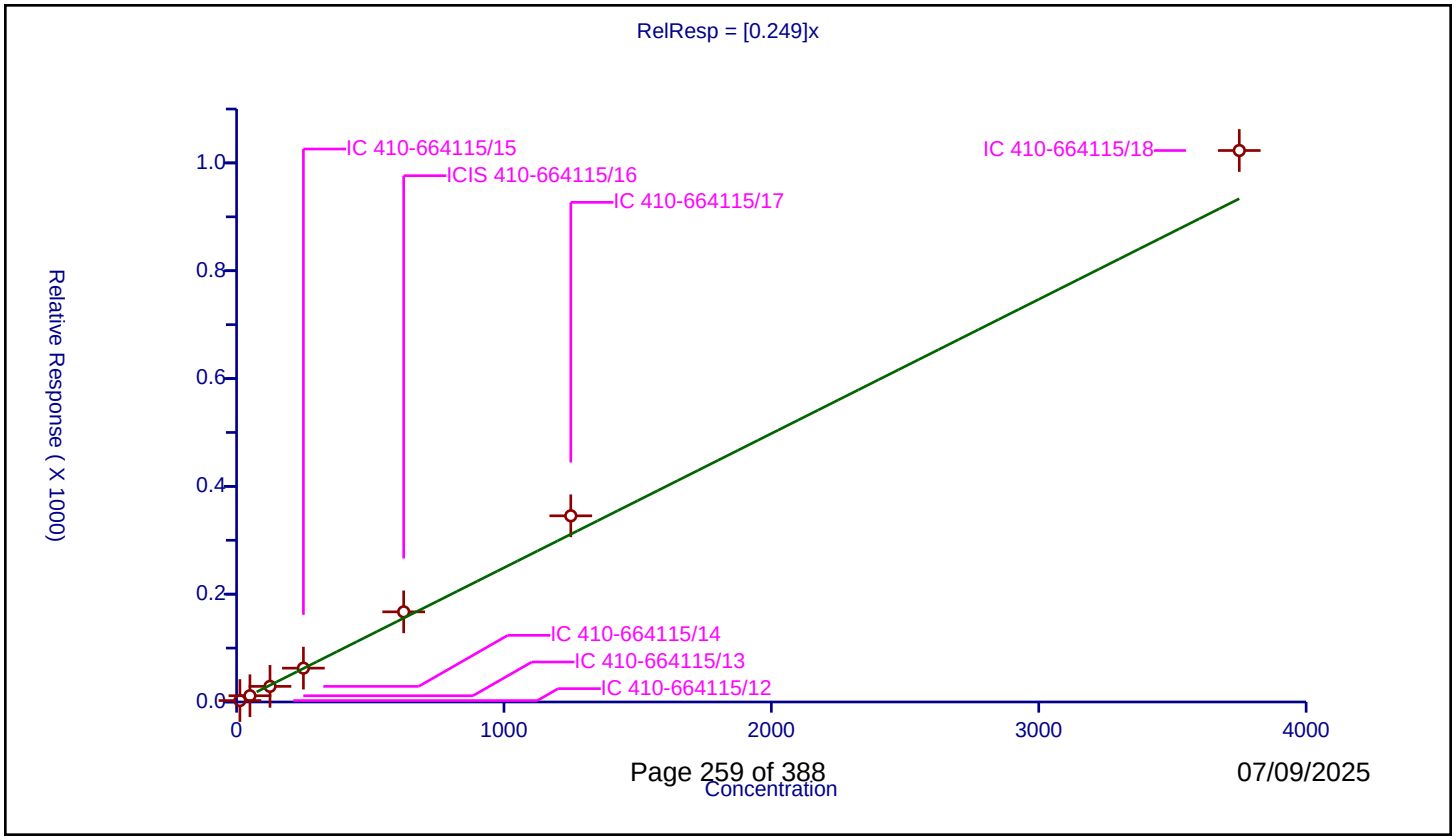
Curve Coefficients

Intercept:	0
Slope:	0.249

Error Coefficients

Relative Standard Deviation:	9.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	12.5	2.639323	250.0	581115.0	0.211146	Y
2	IC 410-664115/13	50.0	11.611904	250.0	579470.0	0.232238	Y
3	IC 410-664115/14	125.0	28.943663	250.0	595113.0	0.231549	Y
4	IC 410-664115/15	250.0	62.798314	250.0	595430.0	0.251193	Y
5	ICIS 410-664115/16	625.0	167.231099	250.0	588645.0	0.26757	Y
6	IC 410-664115/17	1250.0	345.376582	250.0	588331.0	0.276301	Y
7	IC 410-664115/18	3750.0	1023.042854	250.0	595510.0	0.272811	Y



Calibration / Trichloroethene

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

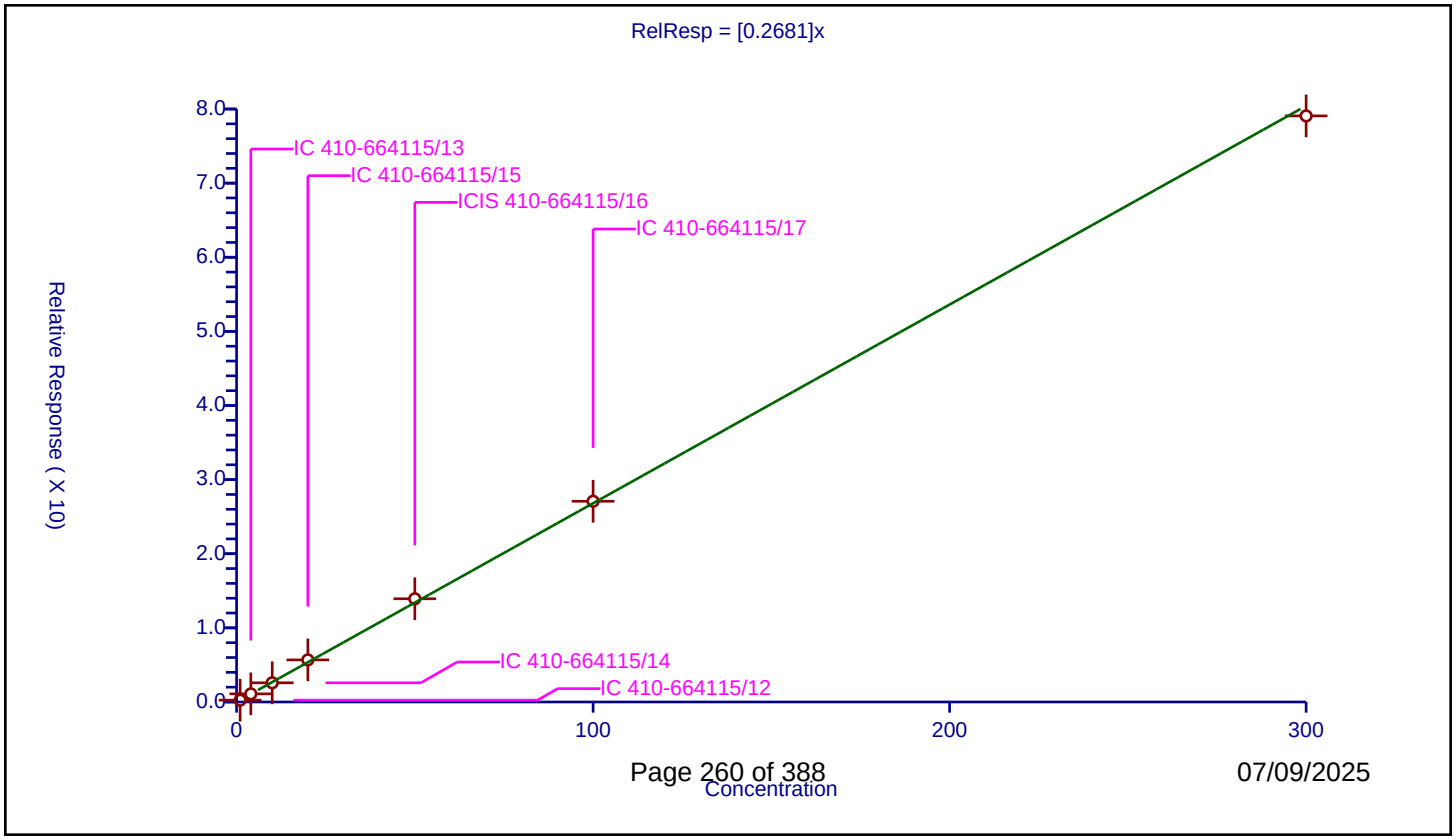
Curve Coefficients

Intercept:	0
Slope:	0.2681

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.246862	50.0	1142543.0	0.246862	Y
2	IC 410-664115/13	4.0	1.096804	50.0	1188043.0	0.274201	Y
3	IC 410-664115/14	10.0	2.587343	50.0	1175646.0	0.258734	Y
4	IC 410-664115/15	20.0	5.677866	50.0	1196550.0	0.283893	Y
5	ICIS 410-664115/16	50.0	13.924399	50.0	1189958.0	0.278488	Y
6	IC 410-664115/17	100.0	27.081506	50.0	1215034.0	0.270815	Y
7	IC 410-664115/18	300.0	79.072104	50.0	1236216.0	0.263574	Y



Calibration / Ethyl acrylate

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

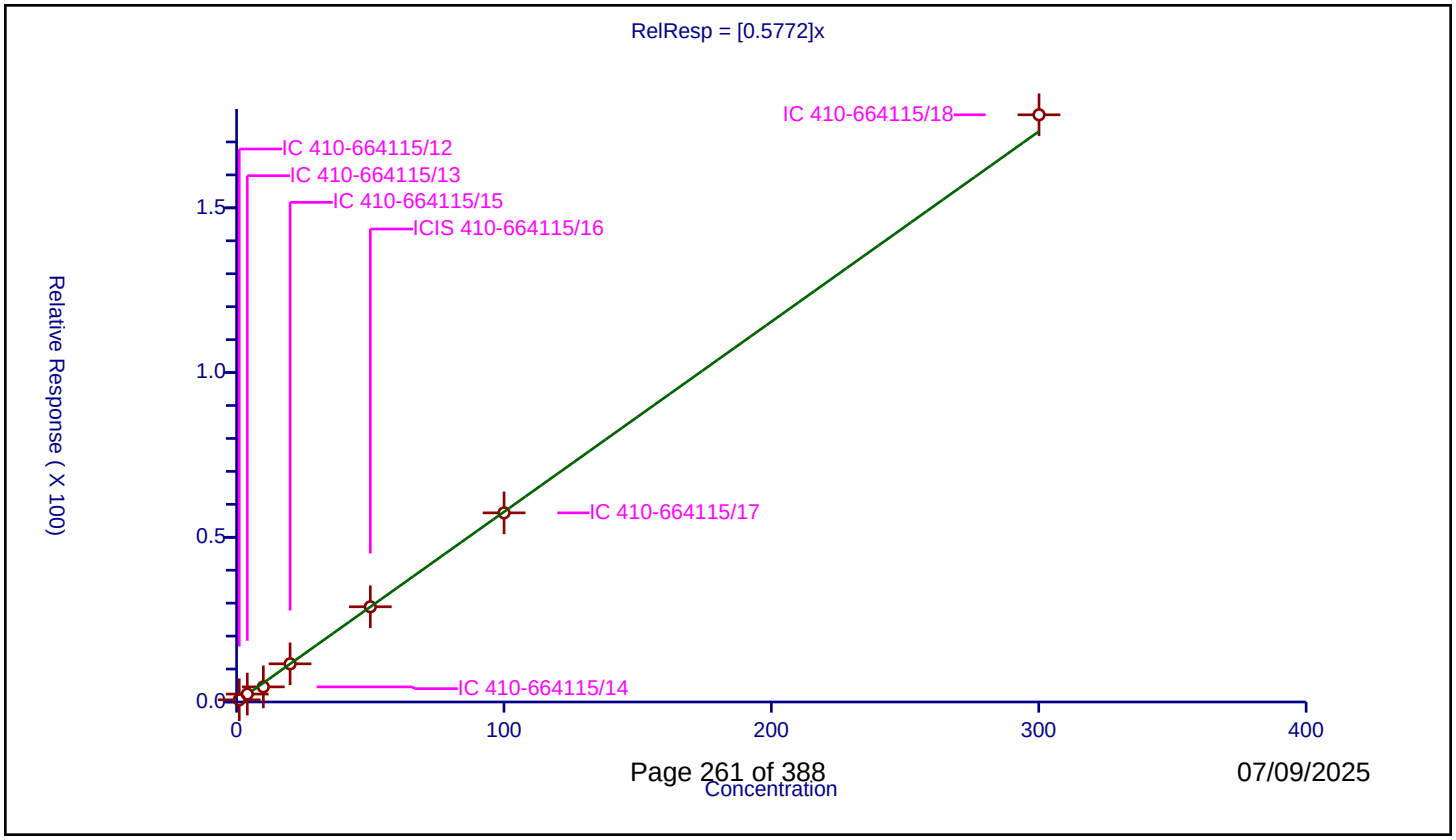
Curve Coefficients

Intercept:	0
Slope:	0.5772

Error Coefficients

Relative Standard Deviation:	10.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.000354	0.656999	50.0	1142543.0	0.656767	Y
2	IC 410-664115/13	4.001415	2.401891	50.0	1188043.0	0.60026	Y
3	IC 410-664115/14	10.003538	4.587691	50.0	1175646.0	0.458607	Y
4	IC 410-664115/15	20.007076	11.586561	50.0	1196550.0	0.579123	Y
5	ICIS 410-664115/16	50.01769	28.903457	50.0	1189958.0	0.577865	Y
6	IC 410-664115/17	100.03538	57.413414	50.0	1215034.0	0.573931	Y
7	IC 410-664115/18	300.10614	178.255418	50.0	1236216.0	0.593975	Y



Calibration / Methylcyclohexane

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

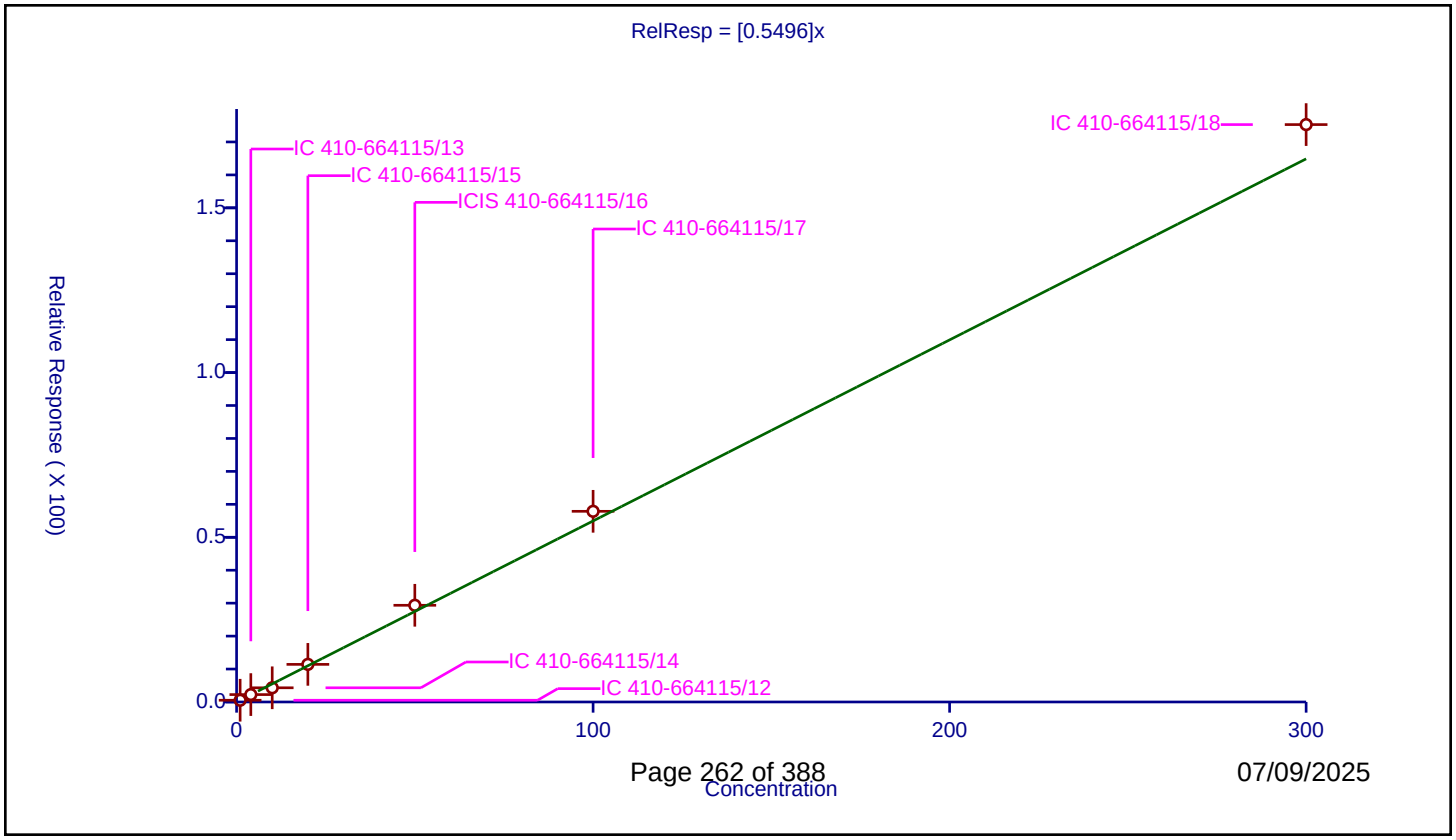
Curve Coefficients

Intercept:	0
Slope:	0.5496

Error Coefficients

Relative Standard Deviation:	10.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.532715	50.0	1142543.0	0.532715	Y
2	IC 410-664115/13	4.0	2.247604	50.0	1188043.0	0.561901	Y
3	IC 410-664115/14	10.0	4.311927	50.0	1175646.0	0.431193	Y
4	IC 410-664115/15	20.0	11.418787	50.0	1196550.0	0.570939	Y
5	ICIS 410-664115/16	50.0	29.357885	50.0	1189958.0	0.587158	Y
6	IC 410-664115/17	100.0	57.878956	50.0	1215034.0	0.57879	Y
7	IC 410-664115/18	300.0	175.269451	50.0	1236216.0	0.584232	Y



Calibration / 1,2-Dichloropropane

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

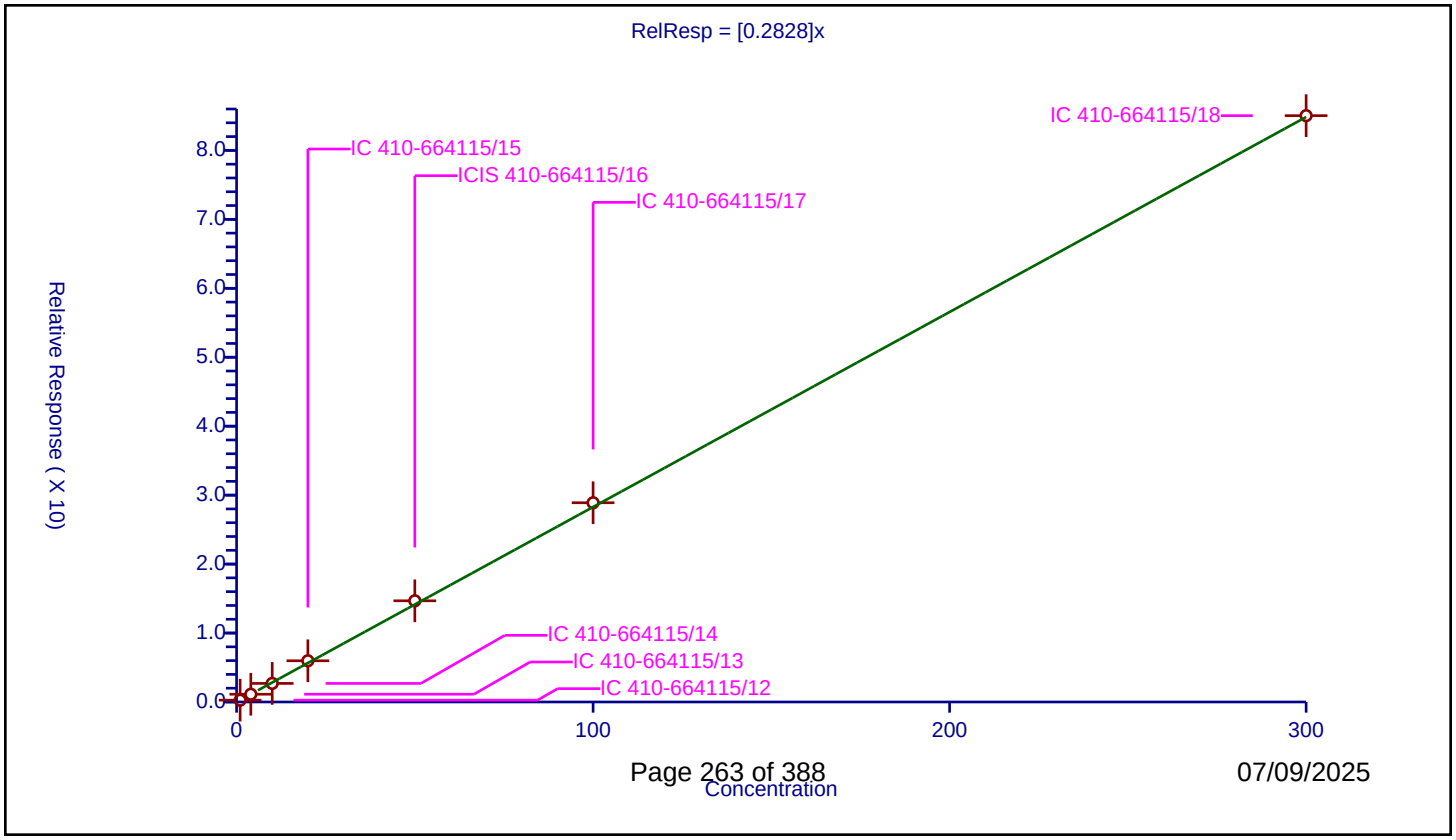
Curve Coefficients

Intercept:	0
Slope:	0.2828

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.264454	50.0	1142543.0	0.264454	Y
2	IC 410-664115/13	4.0	1.123739	50.0	1188043.0	0.280935	Y
3	IC 410-664115/14	10.0	2.694774	50.0	1175646.0	0.269477	Y
4	IC 410-664115/15	20.0	5.975513	50.0	1196550.0	0.298776	Y
5	ICIS 410-664115/16	50.0	14.676905	50.0	1189958.0	0.293538	Y
6	IC 410-664115/17	100.0	28.894418	50.0	1215034.0	0.288944	Y
7	IC 410-664115/18	300.0	85.037809	50.0	1236216.0	0.283459	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

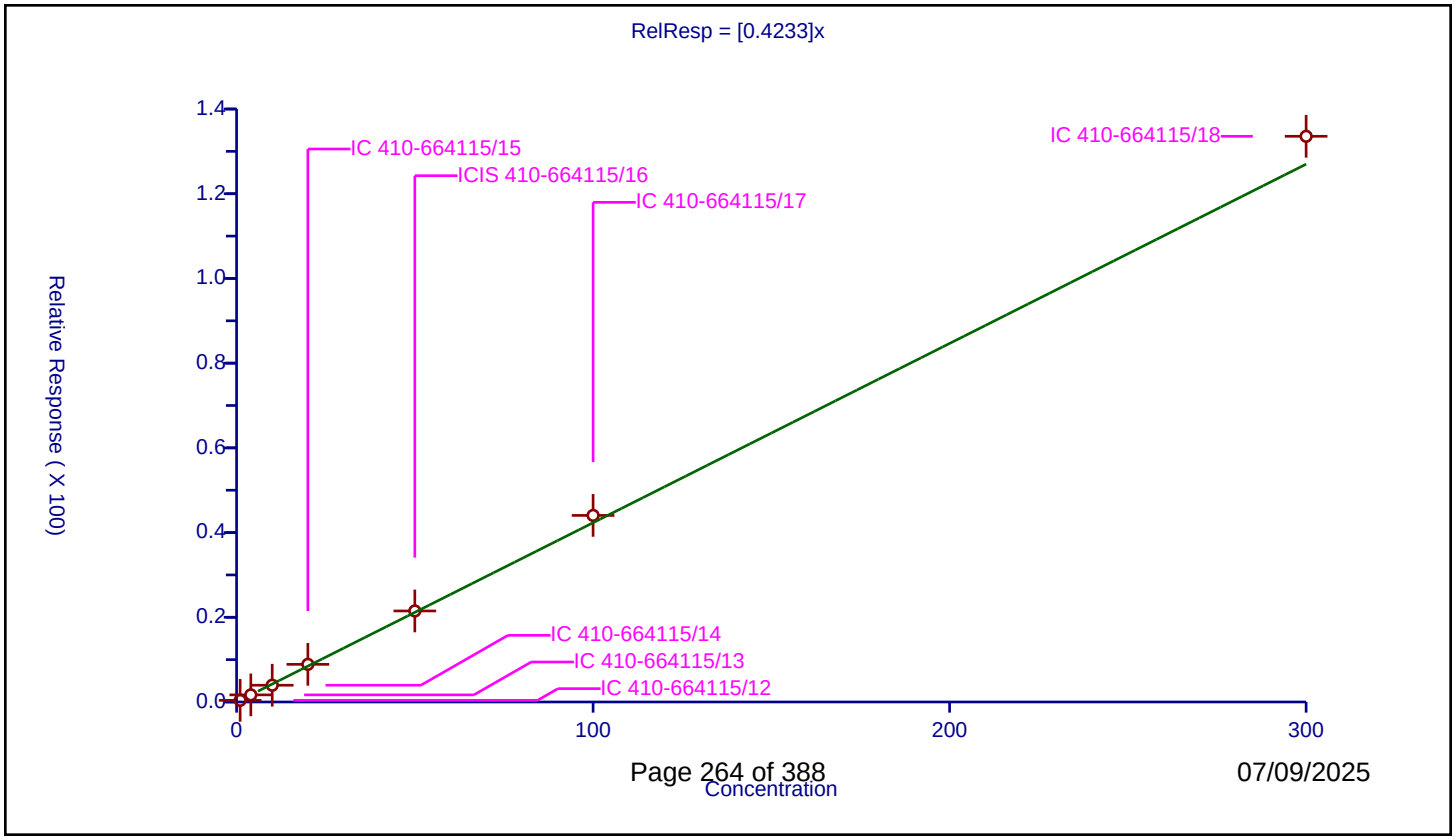
Curve Coefficients

Intercept:	0
Slope:	0.4233

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.387513	50.0	1142543.0	0.387513	Y
2	IC 410-664115/13	4.0	1.678853	50.0	1188043.0	0.419713	Y
3	IC 410-664115/14	10.0	3.957484	50.0	1175646.0	0.395748	Y
4	IC 410-664115/15	20.0	8.886549	50.0	1196550.0	0.444327	Y
5	ICIS 410-664115/16	50.0	21.490758	50.0	1189958.0	0.429815	Y
6	IC 410-664115/17	100.0	44.052677	50.0	1215034.0	0.440527	Y
7	IC 410-664115/18	300.0	133.560761	50.0	1236216.0	0.445203	Y



Calibration / 1,4-Dioxane

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

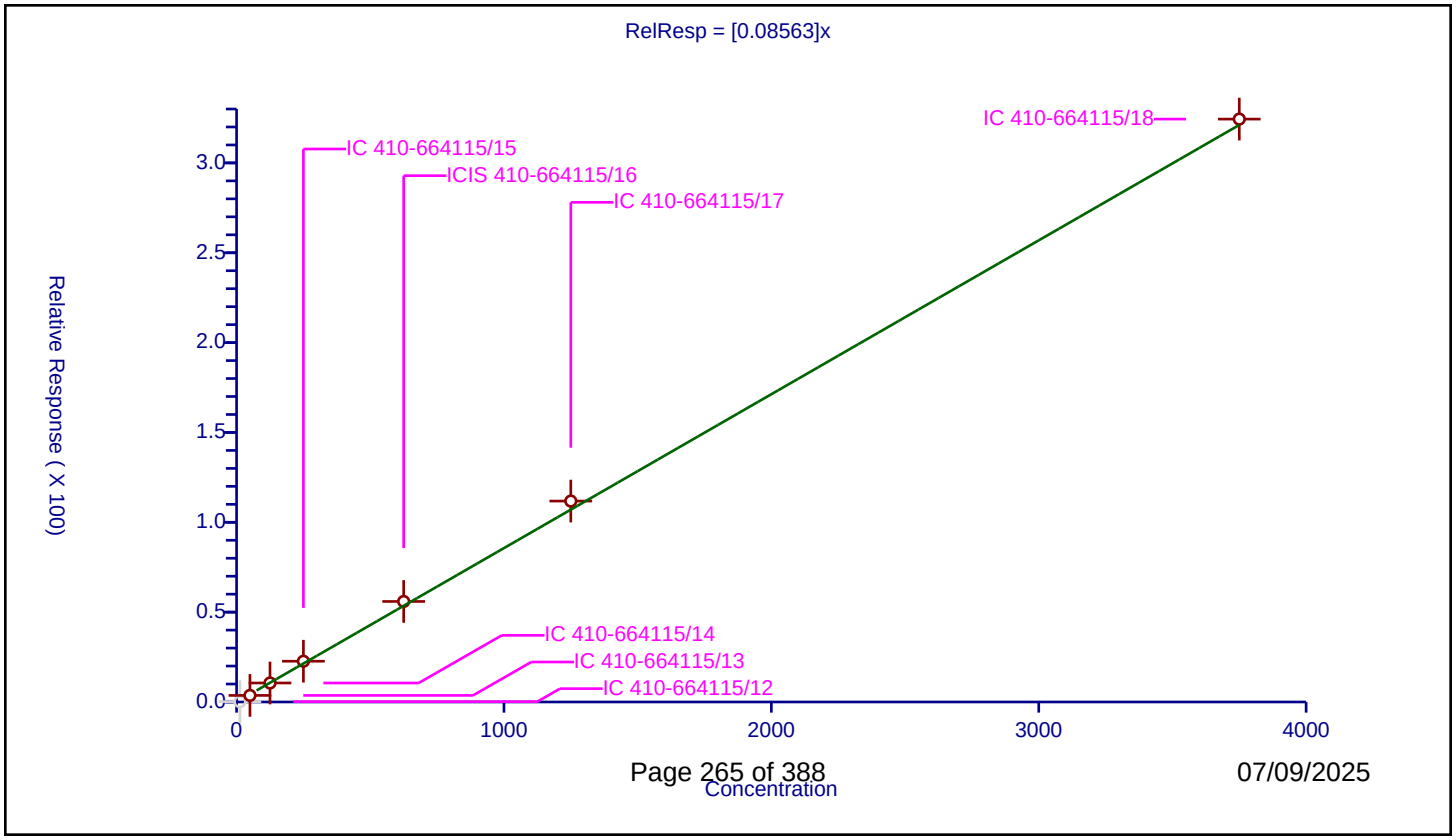
Curve Coefficients

Intercept:	0
Slope:	0.08563

Error Coefficients

Relative Standard Deviation:	7.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	12.5	0.180257	250.0	581115.0	0.014421	N
2	IC 410-664115/13	50.0	3.655064	250.0	579470.0	0.073101	Y
3	IC 410-664115/14	125.0	10.567321	250.0	595113.0	0.084539	Y
4	IC 410-664115/15	250.0	22.681507	250.0	595430.0	0.090726	Y
5	ICIS 410-664115/16	625.0	55.933967	250.0	588645.0	0.089494	Y
6	IC 410-664115/17	1250.0	111.808234	250.0	588331.0	0.089447	Y
7	IC 410-664115/18	3750.0	324.38666	250.0	595510.0	0.086503	Y



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Calibration / Methyl methacrylate

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

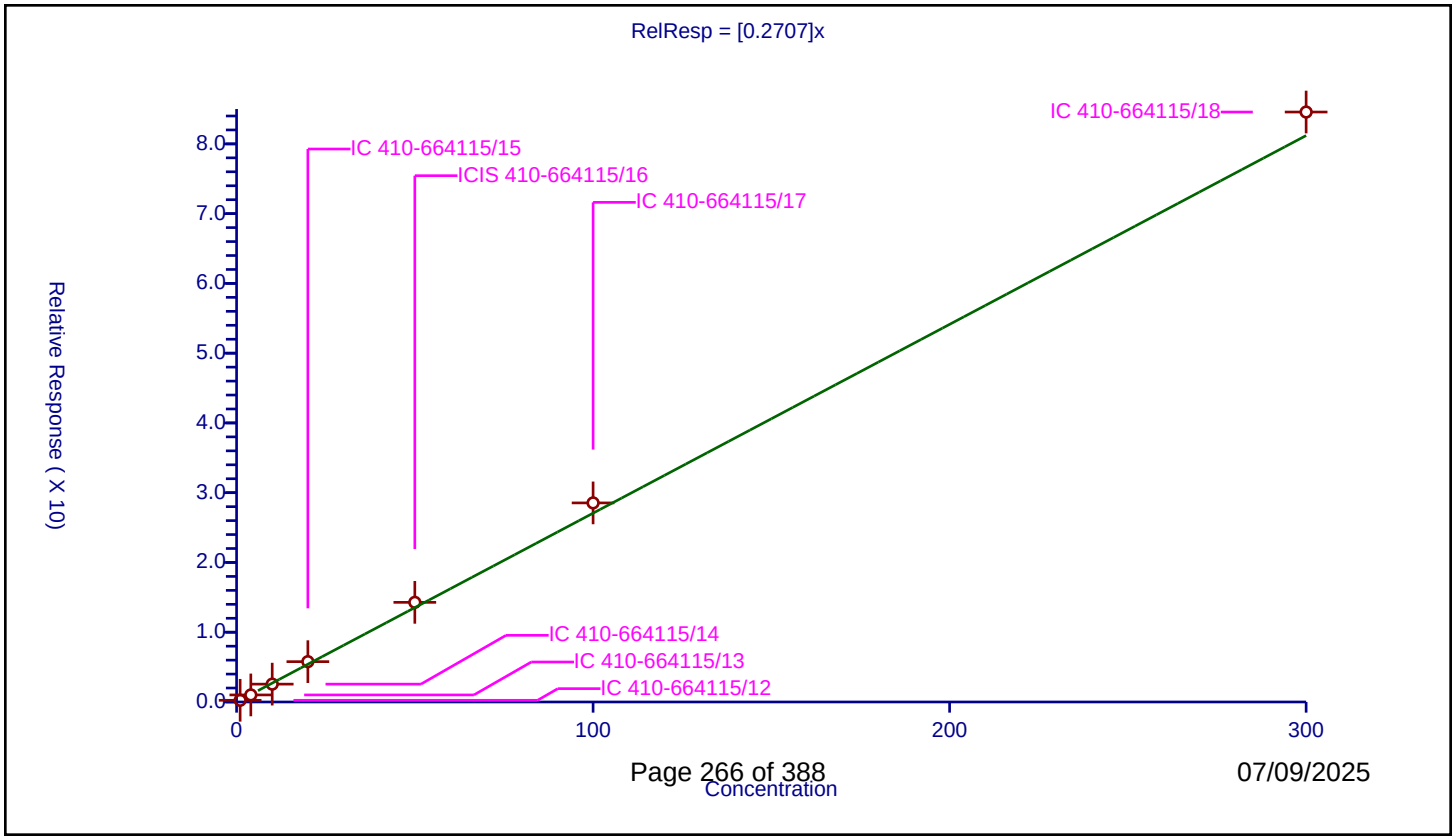
Curve Coefficients

Intercept:	0
Slope:	0.2707

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.243492	50.0	1142543.0	0.243492	Y
2	IC 410-664115/13	4.0	1.012127	50.0	1188043.0	0.253032	Y
3	IC 410-664115/14	10.0	2.559657	50.0	1175646.0	0.255966	Y
4	IC 410-664115/15	20.0	5.782792	50.0	1196550.0	0.28914	Y
5	ICIS 410-664115/16	50.0	14.284286	50.0	1189958.0	0.285686	Y
6	IC 410-664115/17	100.0	28.536403	50.0	1215034.0	0.285364	Y
7	IC 410-664115/18	300.0	84.568837	50.0	1236216.0	0.281896	Y



Calibration / Dibromomethane

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

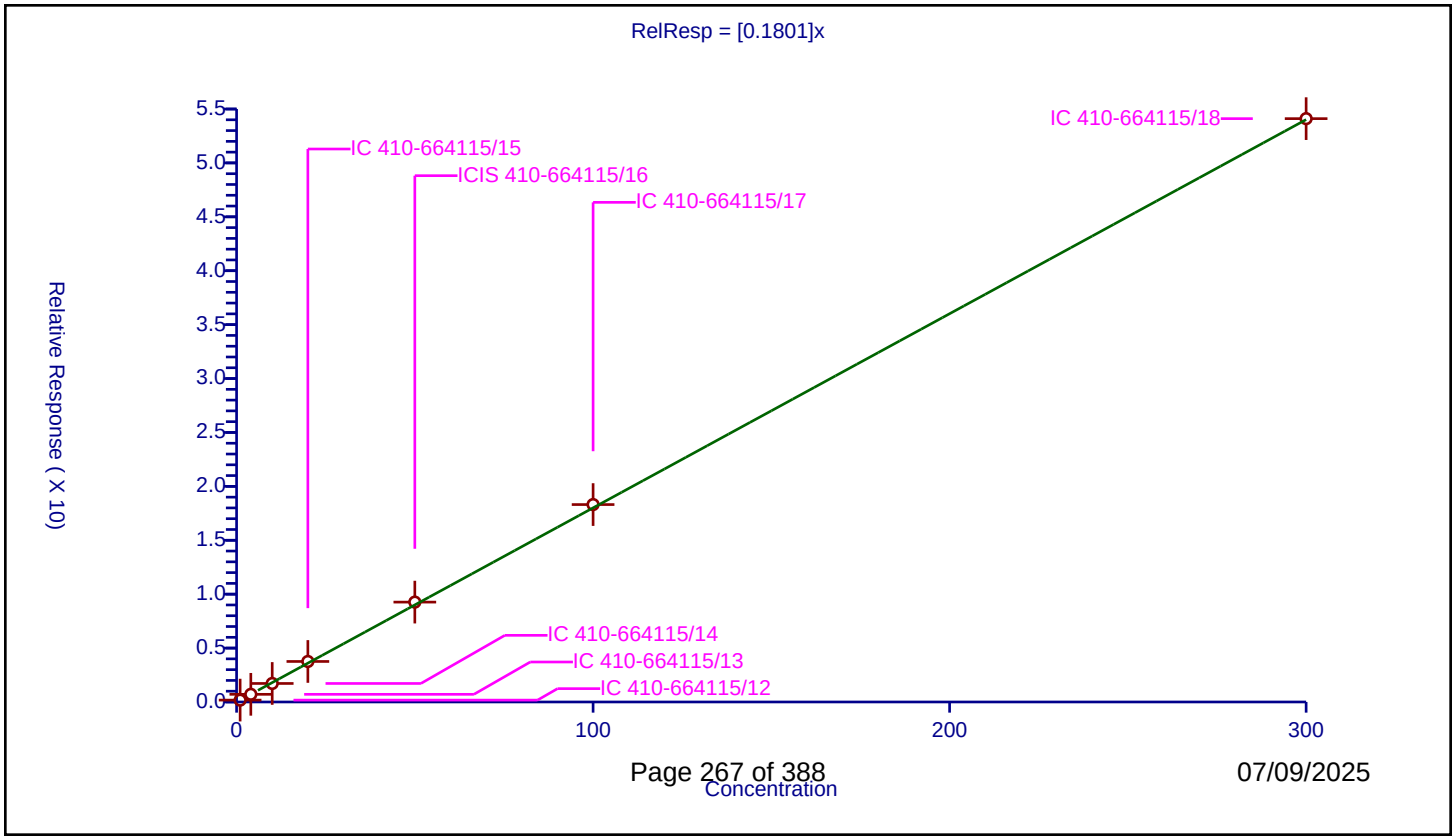
Curve Coefficients

Intercept:	0
Slope:	0.1801

Error Coefficients

Relative Standard Deviation:	3.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.174348	50.0	1142543.0	0.174348	Y
2	IC 410-664115/13	4.0	0.710159	50.0	1188043.0	0.17754	Y
3	IC 410-664115/14	10.0	1.718077	50.0	1175646.0	0.171808	Y
4	IC 410-664115/15	20.0	3.759183	50.0	1196550.0	0.187959	Y
5	ICIS 410-664115/16	50.0	9.265327	50.0	1189958.0	0.185307	Y
6	IC 410-664115/17	100.0	18.312903	50.0	1215034.0	0.183129	Y
7	IC 410-664115/18	300.0	54.106038	50.0	1236216.0	0.180353	Y



Calibration / Dichlorobromomethane

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

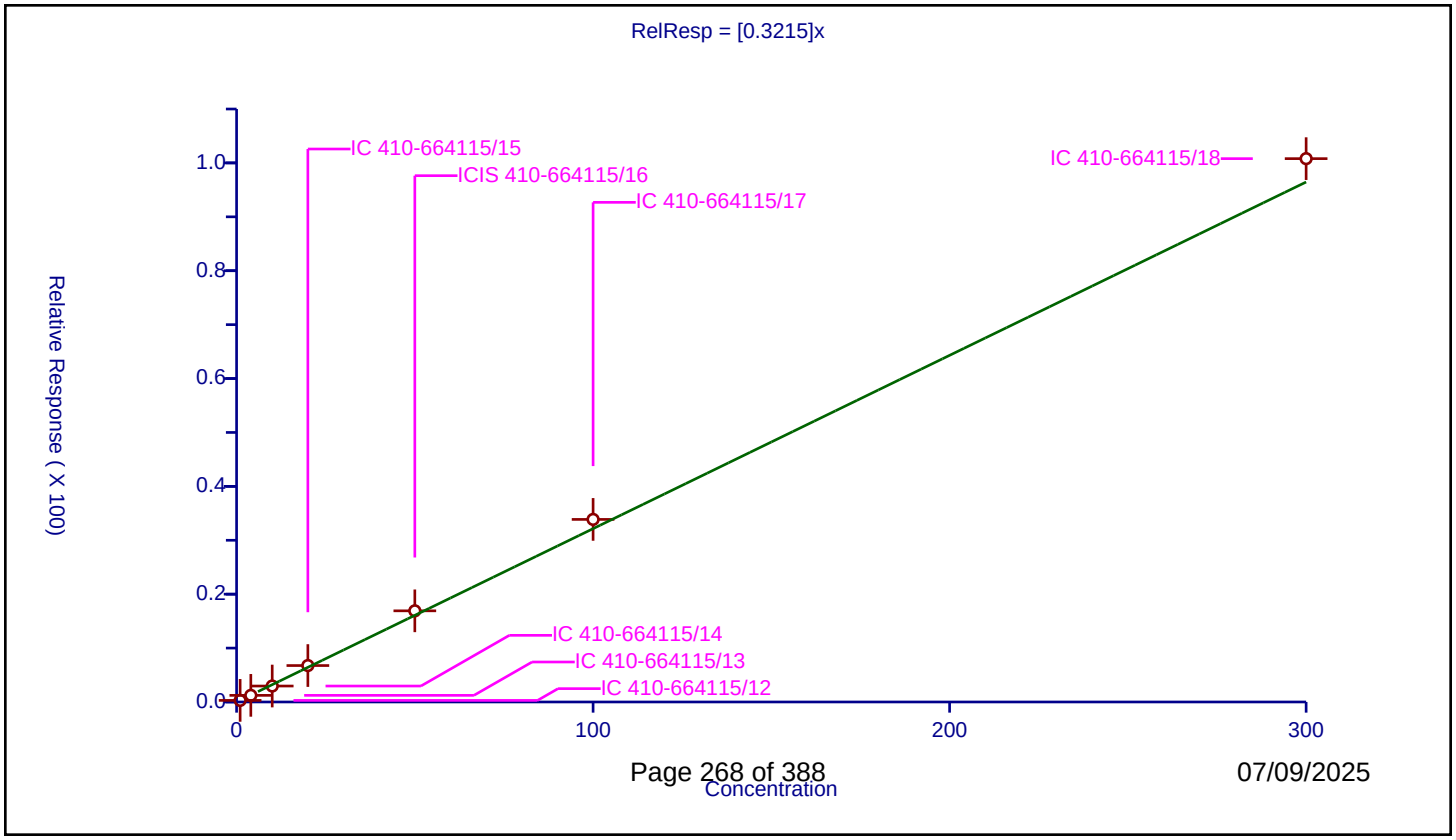
Curve Coefficients

Intercept:	0
Slope:	0.3215

Error Coefficients

Relative Standard Deviation:	6.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.296794	50.0	1142543.0	0.296794	Y
2	IC 410-664115/13	4.0	1.228407	50.0	1188043.0	0.307102	Y
3	IC 410-664115/14	10.0	2.959097	50.0	1175646.0	0.29591	Y
4	IC 410-664115/15	20.0	6.759601	50.0	1196550.0	0.33798	Y
5	ICIS 410-664115/16	50.0	16.910471	50.0	1189958.0	0.338209	Y
6	IC 410-664115/17	100.0	33.866624	50.0	1215034.0	0.338666	Y
7	IC 410-664115/18	300.0	100.793348	50.0	1236216.0	0.335978	Y



Calibration / 2-Nitropropane

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

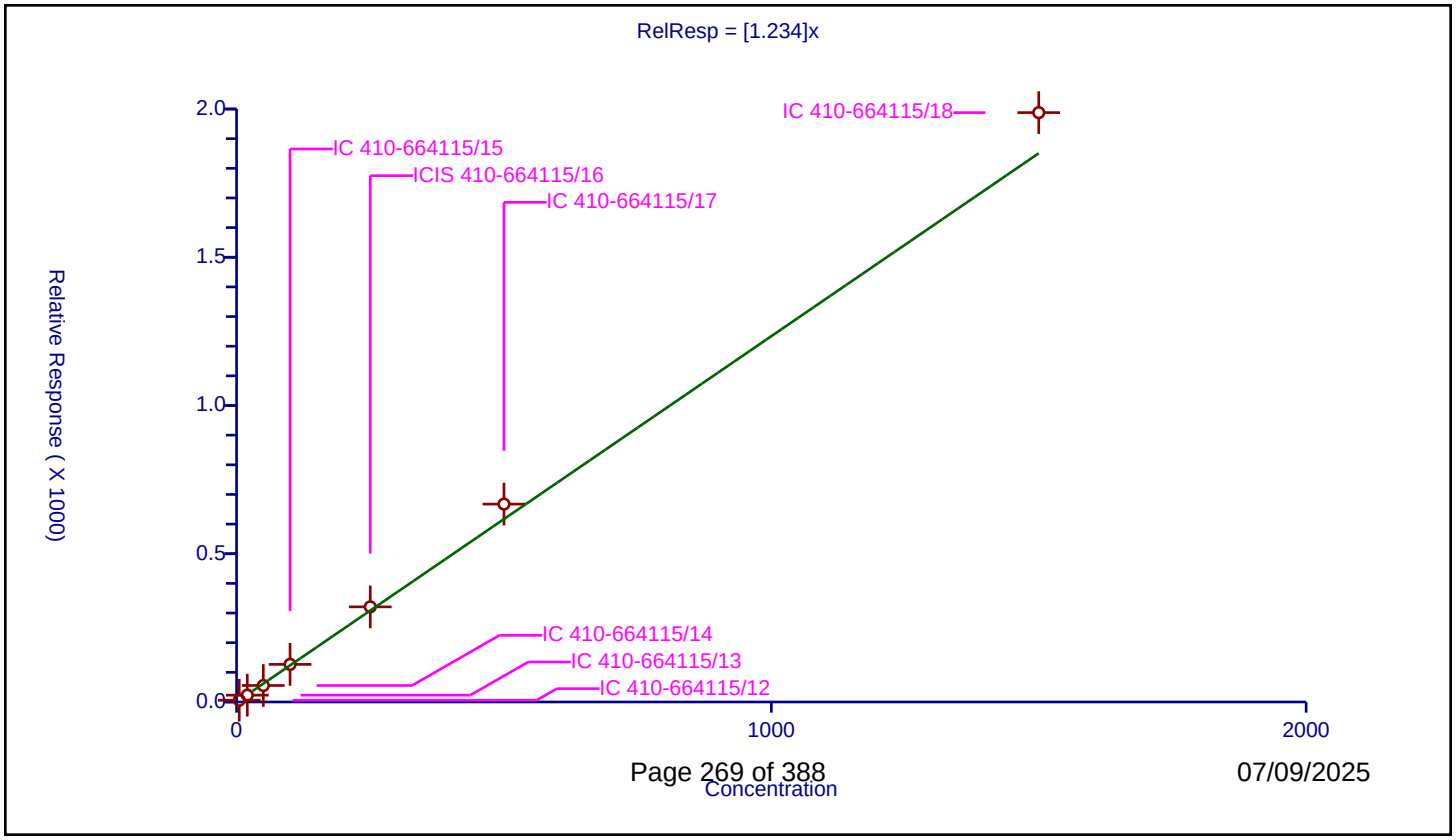
Curve Coefficients

Intercept:	0
Slope:	1.234

Error Coefficients

Relative Standard Deviation:	7.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	5.0	5.825439	250.0	581115.0	1.165088	Y
2	IC 410-664115/13	20.0	22.946399	250.0	579470.0	1.14732	Y
3	IC 410-664115/14	50.0	55.611287	250.0	595113.0	1.112226	Y
4	IC 410-664115/15	100.0	126.828091	250.0	595430.0	1.268281	Y
5	ICIS 410-664115/16	250.0	320.885678	250.0	588645.0	1.283543	Y
6	IC 410-664115/17	500.0	667.449956	250.0	588331.0	1.3349	Y
7	IC 410-664115/18	1500.0	1987.87258	250.0	595510.0	1.325248	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

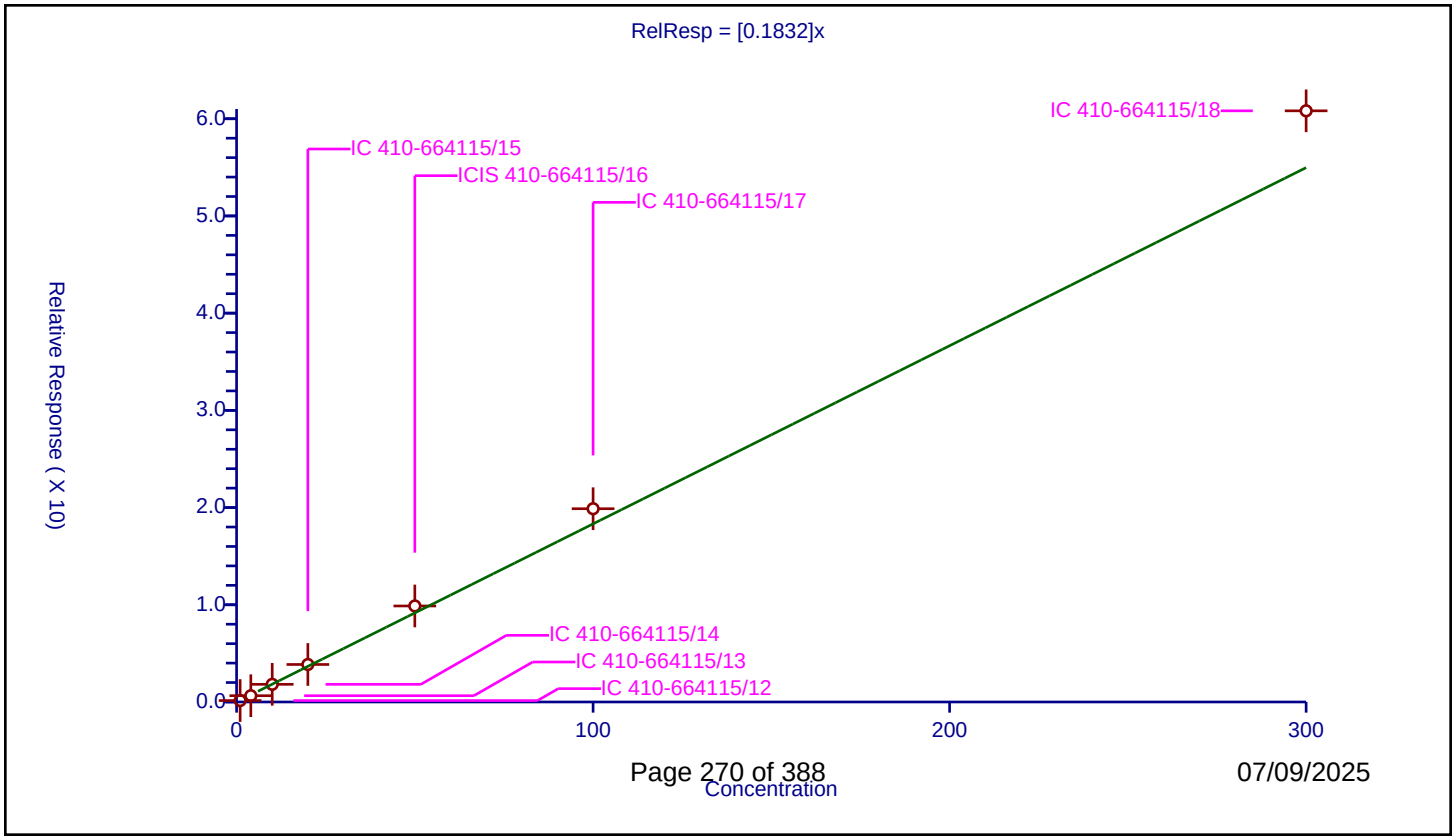
Curve Coefficients

Intercept:	0
Slope:	0.1832

Error Coefficients

Relative Standard Deviation:	11.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.147741	50.0	1142543.0	0.147741	Y
2	IC 410-664115/13	4.0	0.645179	50.0	1188043.0	0.161295	Y
3	IC 410-664115/14	10.0	1.816321	50.0	1175646.0	0.181632	Y
4	IC 410-664115/15	20.0	3.858259	50.0	1196550.0	0.192913	Y
5	ICIS 410-664115/16	50.0	9.876483	50.0	1189958.0	0.19753	Y
6	IC 410-664115/17	100.0	19.880431	50.0	1215034.0	0.198804	Y
7	IC 410-664115/18	300.0	60.813523	50.0	1236216.0	0.202712	Y



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Calibration / cis-1,3-Dichloropropene

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

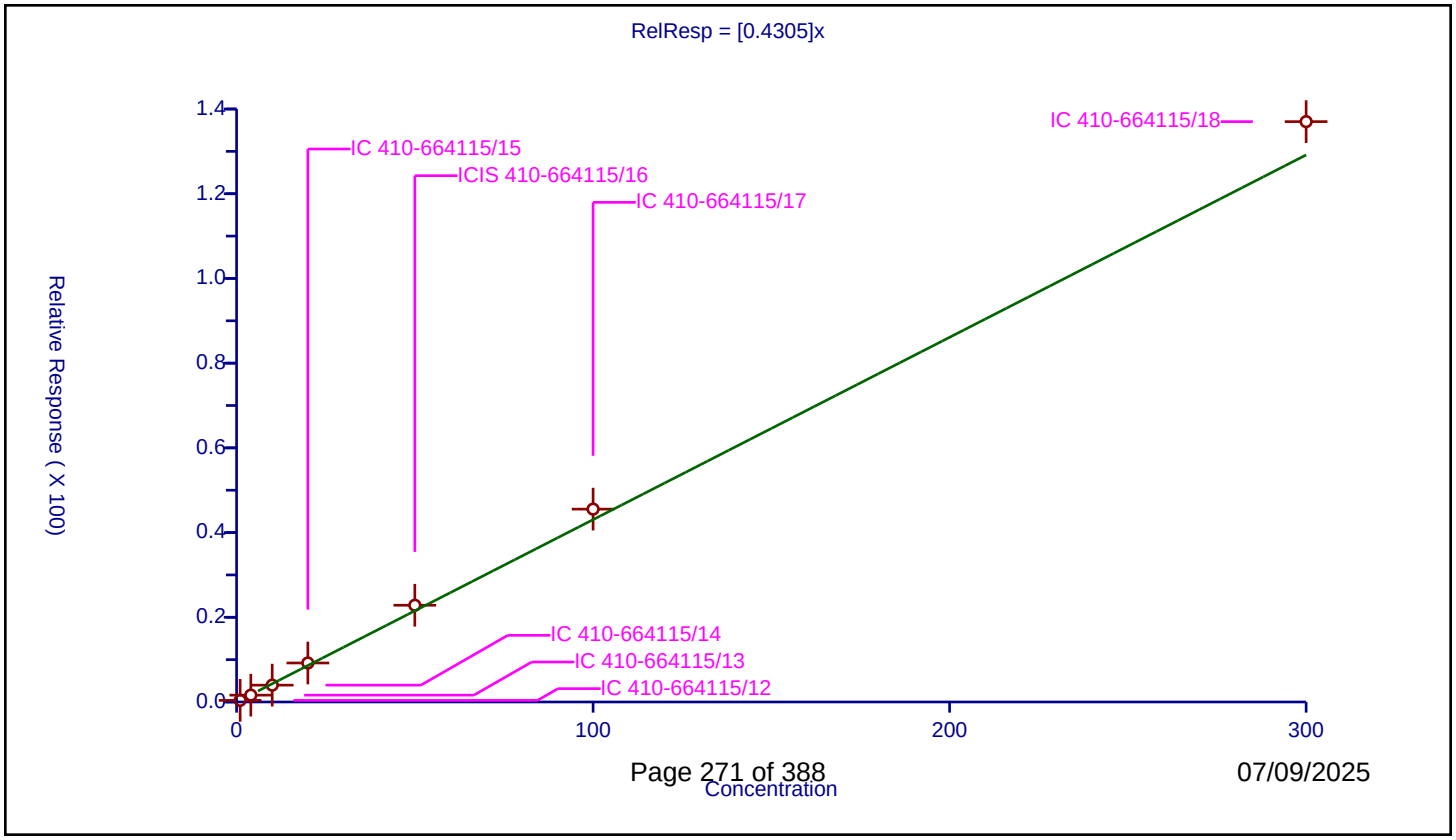
Curve Coefficients

Intercept:	0
Slope:	0.4305

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.382611	50.0	1142543.0	0.382611	Y
2	IC 410-664115/13	4.0	1.615261	50.0	1188043.0	0.403815	Y
3	IC 410-664115/14	10.0	3.978961	50.0	1175646.0	0.397896	Y
4	IC 410-664115/15	20.0	9.206469	50.0	1196550.0	0.460323	Y
5	ICIS 410-664115/16	50.0	22.841268	50.0	1189958.0	0.456825	Y
6	IC 410-664115/17	100.0	45.533499	50.0	1215034.0	0.455335	Y
7	IC 410-664115/18	300.0	137.022211	50.0	1236216.0	0.456741	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

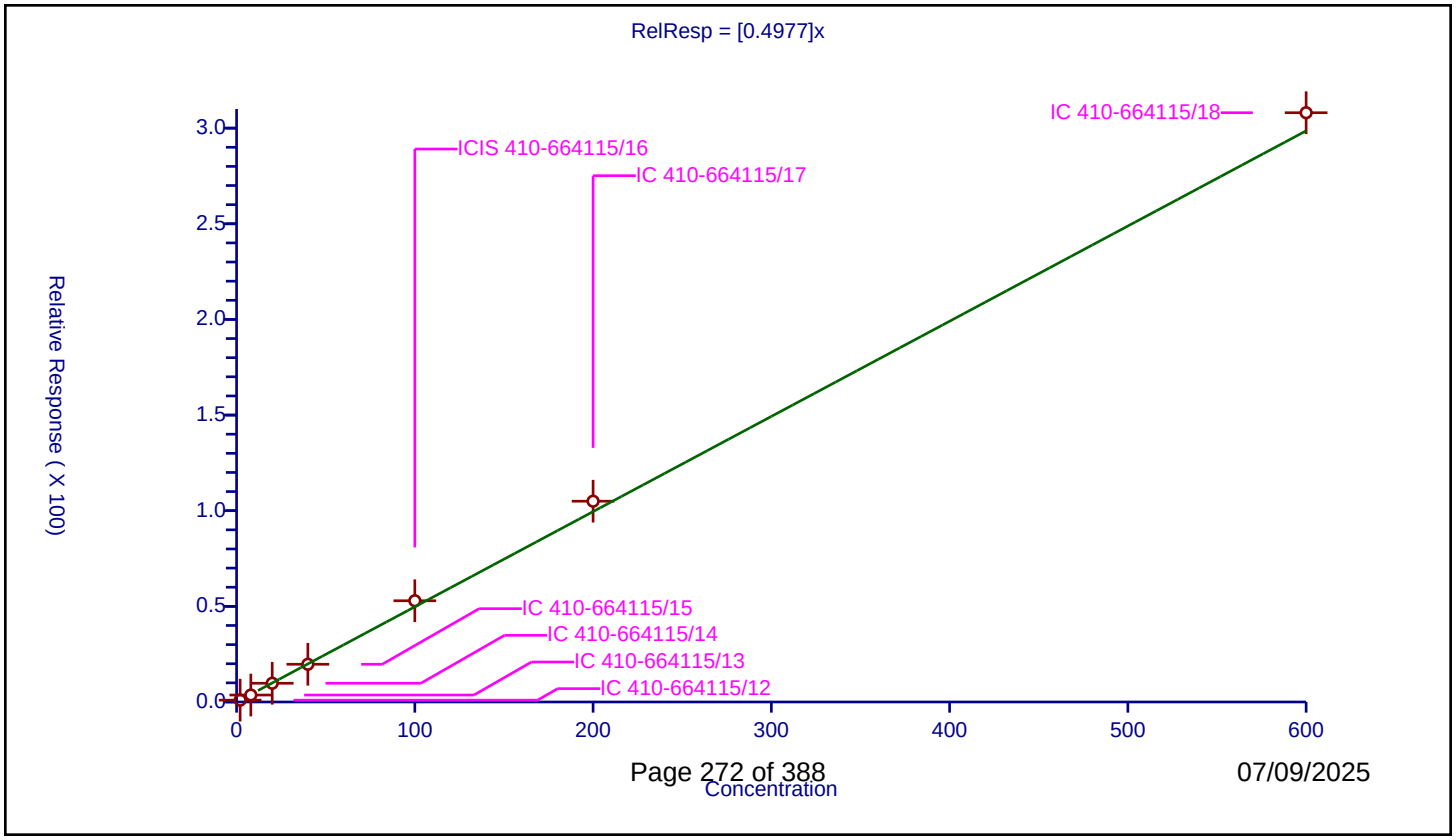
Curve Coefficients

Intercept:	0
Slope:	0.4977

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.956332	50.0	1142543.0	0.478166	Y
2	IC 410-664115/13	8.0	3.638378	50.0	1188043.0	0.454797	Y
3	IC 410-664115/14	20.0	9.798102	50.0	1175646.0	0.489905	Y
4	IC 410-664115/15	40.0	19.722327	50.0	1196550.0	0.493058	Y
5	ICIS 410-664115/16	100.0	52.933213	50.0	1189958.0	0.529332	Y
6	IC 410-664115/17	200.0	104.973071	50.0	1215034.0	0.524865	Y
7	IC 410-664115/18	600.0	308.06368	50.0	1236216.0	0.513439	Y



Calibration / Toluene-d8 (Surr)

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

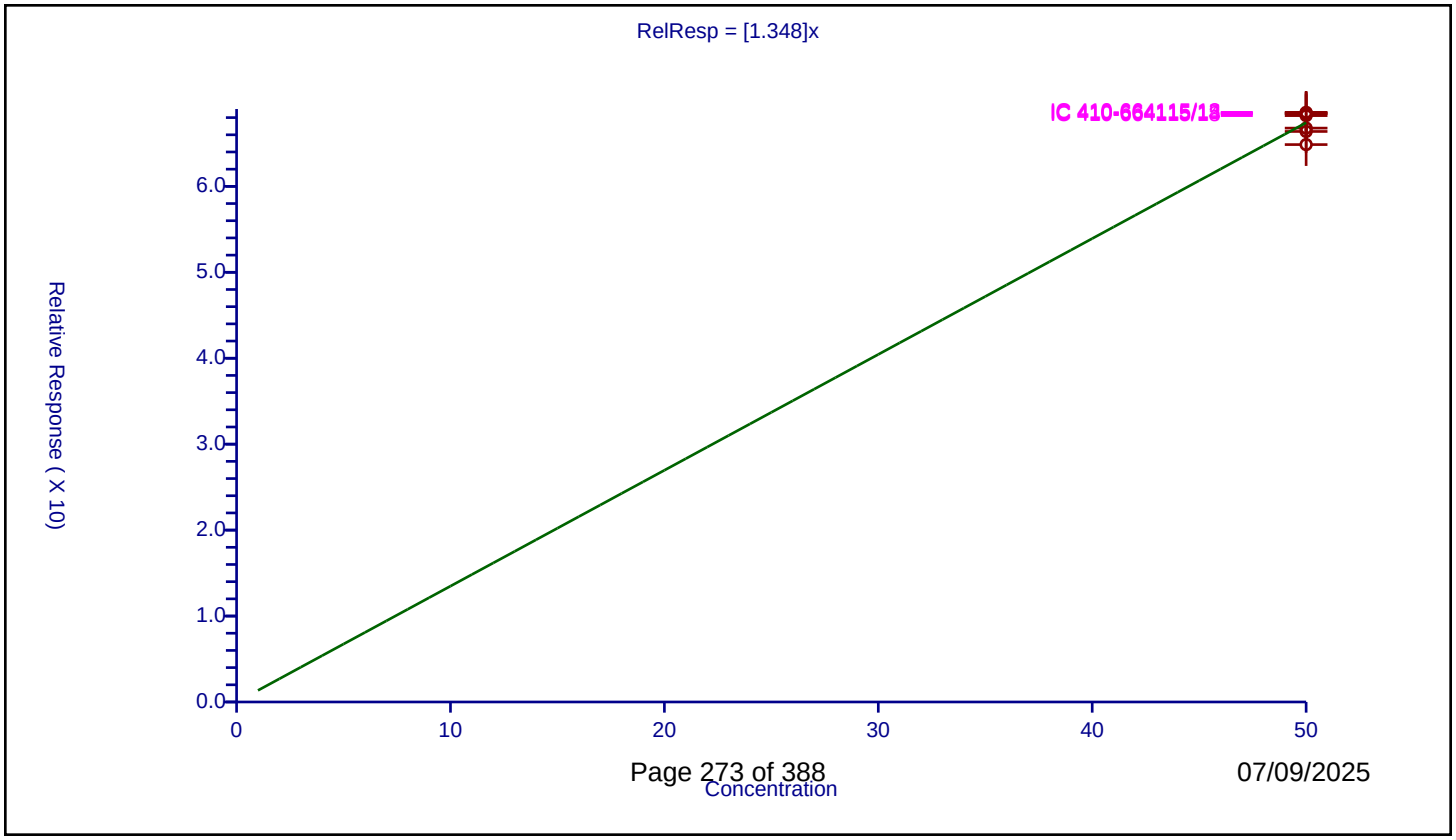
Curve Coefficients

Intercept:	0
Slope:	1.348

Error Coefficients

Relative Standard Deviation:	2.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	68.611177	50.0	830912.0	1.372224	Y
2	IC 410-664115/13	50.0	68.229245	50.0	867178.0	1.364585	Y
3	IC 410-664115/14	50.0	68.45617	50.0	862232.0	1.369123	Y
4	IC 410-664115/15	50.0	68.520258	50.0	888905.0	1.370405	Y
5	ICIS 410-664115/16	50.0	66.778625	50.0	912989.0	1.335572	Y
6	IC 410-664115/17	50.0	66.386437	50.0	937504.0	1.327729	Y
7	IC 410-664115/18	50.0	64.86066	50.0	989882.0	1.297213	Y



Calibration / Toluene

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

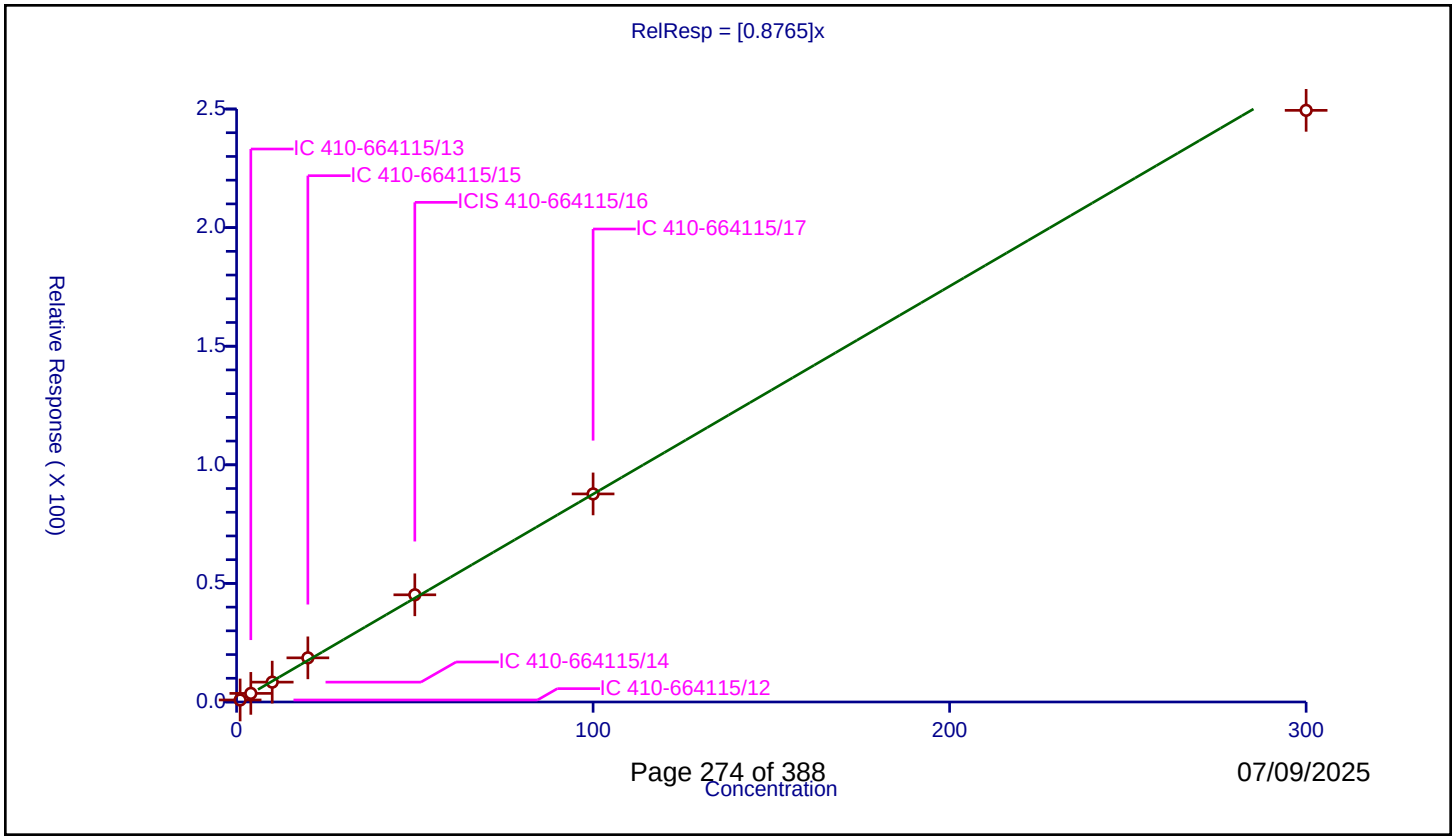
Curve Coefficients

Intercept:	0
Slope:	0.8765

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.847924	50.0	830912.0	0.847924	Y
2	IC 410-664115/13	4.0	3.630685	50.0	867178.0	0.907671	Y
3	IC 410-664115/14	10.0	8.364802	50.0	862232.0	0.83648	Y
4	IC 410-664115/15	20.0	18.615375	50.0	888905.0	0.930769	Y
5	ICIS 410-664115/16	50.0	45.185648	50.0	912989.0	0.903713	Y
6	IC 410-664115/17	100.0	87.720852	50.0	937504.0	0.877209	Y
7	IC 410-664115/18	300.0	249.44064	50.0	989882.0	0.831469	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

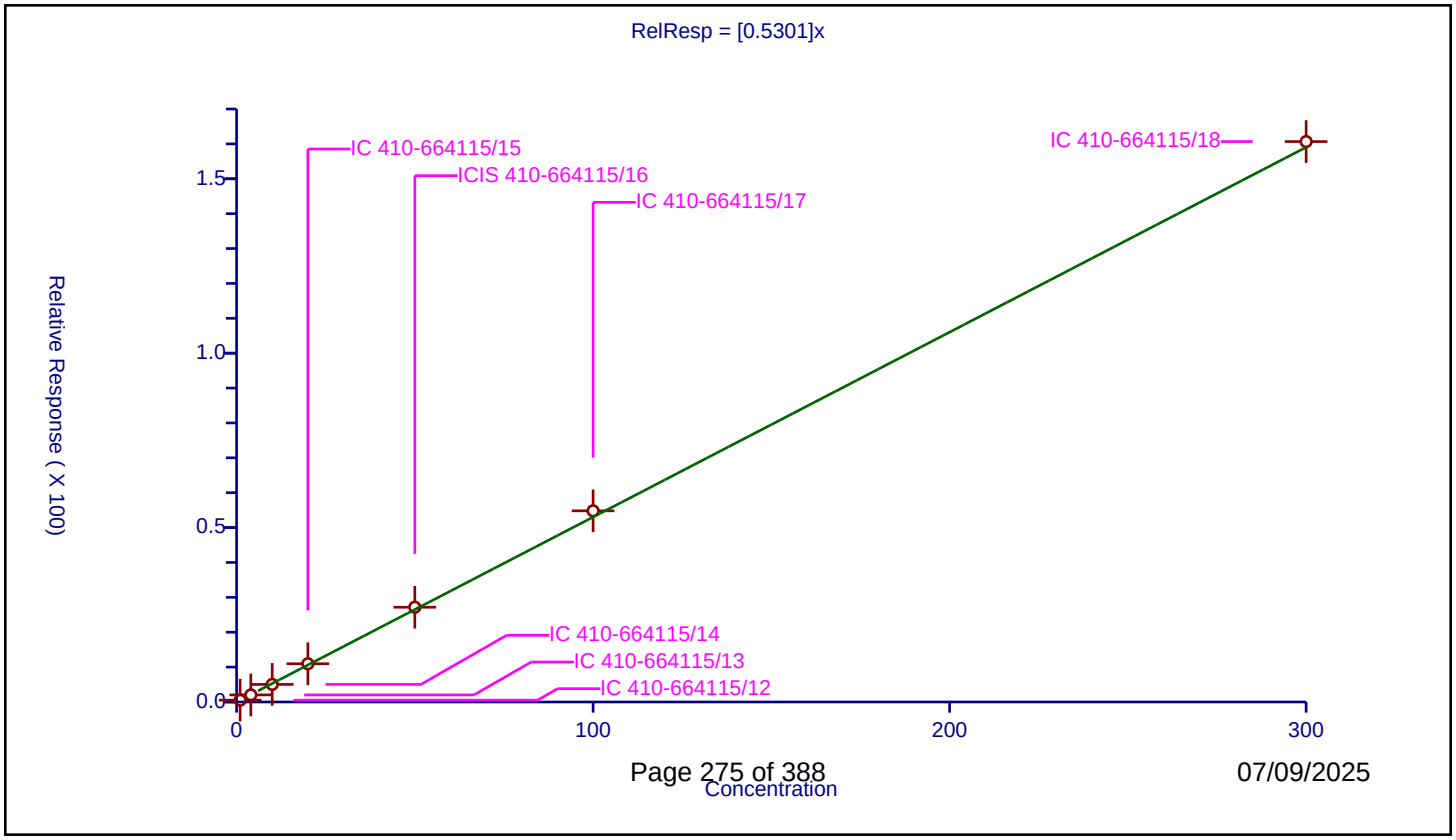
Curve Coefficients

Intercept:	0
Slope:	0.5301

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.523461	50.0	830912.0	0.523461	Y
2	IC 410-664115/13	4.0	2.032858	50.0	867178.0	0.508215	Y
3	IC 410-664115/14	10.0	5.044756	50.0	862232.0	0.504476	Y
4	IC 410-664115/15	20.0	10.95657	50.0	888905.0	0.547829	Y
5	ICIS 410-664115/16	50.0	27.169714	50.0	912989.0	0.543394	Y
6	IC 410-664115/17	100.0	54.800993	50.0	937504.0	0.54801	Y
7	IC 410-664115/18	300.0	160.663443	50.0	989882.0	0.535545	Y



Calibration / Ethyl methacrylate

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

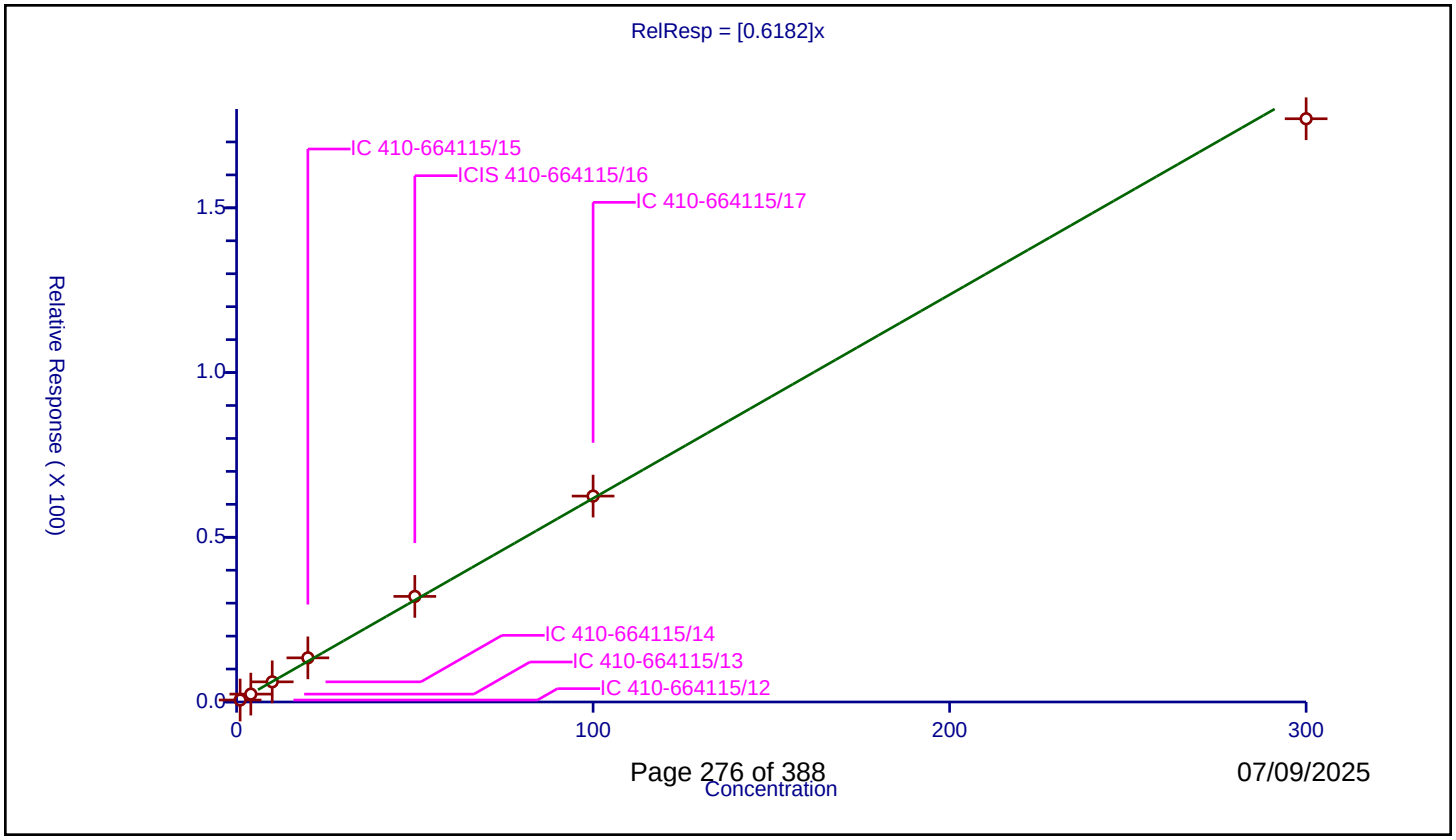
Curve Coefficients

Intercept:	0
Slope:	0.6182

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.591338	50.0	830912.0	0.591338	Y
2	IC 410-664115/13	4.0	2.39305	50.0	867178.0	0.598262	Y
3	IC 410-664115/14	10.0	6.115871	50.0	862232.0	0.611587	Y
4	IC 410-664115/15	20.0	13.396932	50.0	888905.0	0.669847	Y
5	ICIS 410-664115/16	50.0	32.05066	50.0	912989.0	0.641013	Y
6	IC 410-664115/17	100.0	62.502613	50.0	937504.0	0.625026	Y
7	IC 410-664115/18	300.0	177.045193	50.0	989882.0	0.590151	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

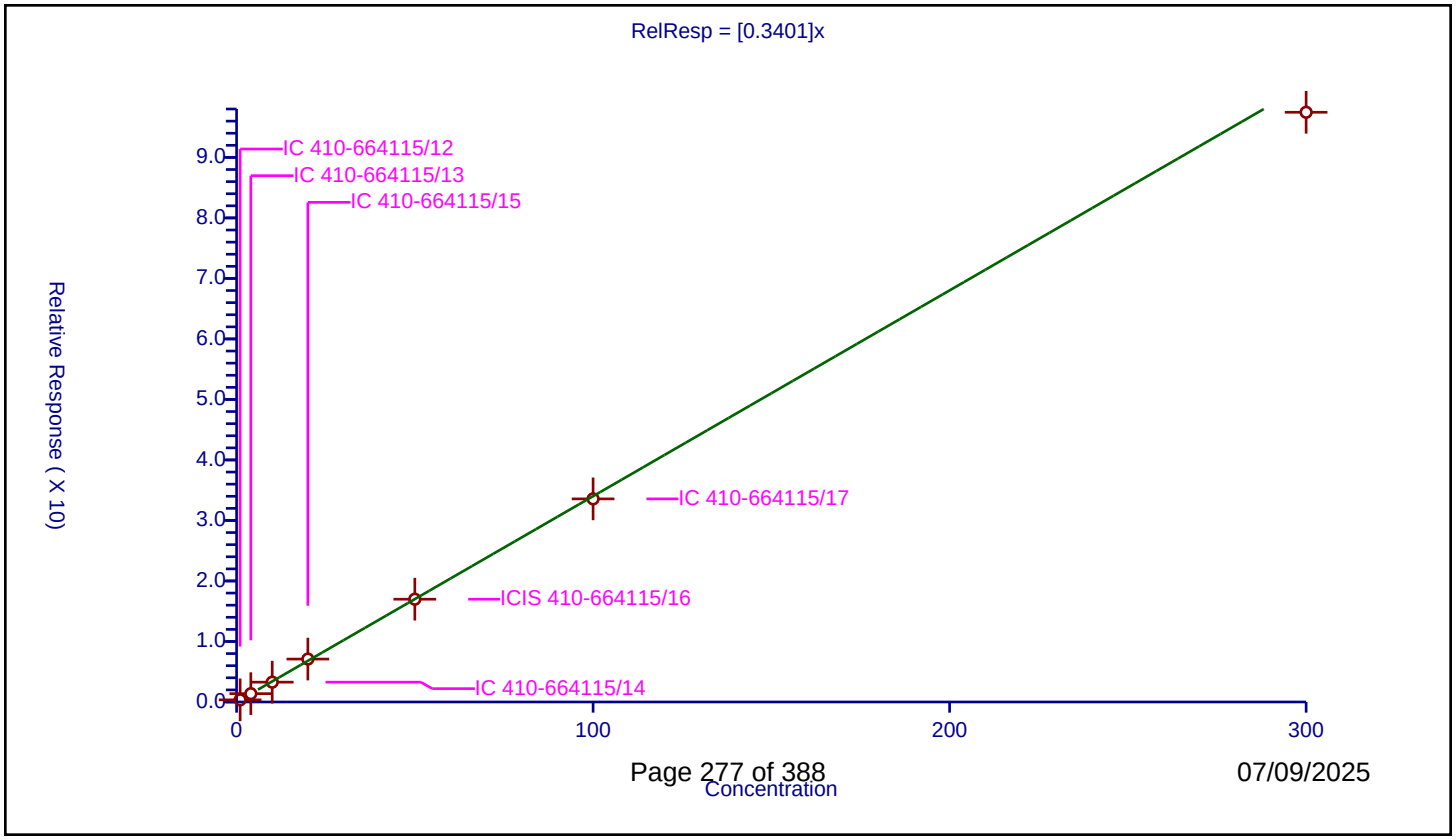
Curve Coefficients

Intercept:	0
Slope:	0.3401

Error Coefficients

Relative Standard Deviation:	3.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.35455	50.0	830912.0	0.35455	Y
2	IC 410-664115/13	4.0	1.375611	50.0	867178.0	0.343903	Y
3	IC 410-664115/14	10.0	3.274815	50.0	862232.0	0.327481	Y
4	IC 410-664115/15	20.0	7.092771	50.0	888905.0	0.354639	Y
5	ICIS 410-664115/16	50.0	16.988047	50.0	912989.0	0.339761	Y
6	IC 410-664115/17	100.0	33.565083	50.0	937504.0	0.335651	Y
7	IC 410-664115/18	300.0	97.463031	50.0	989882.0	0.324877	Y



Calibration / Tetrachloroethene

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

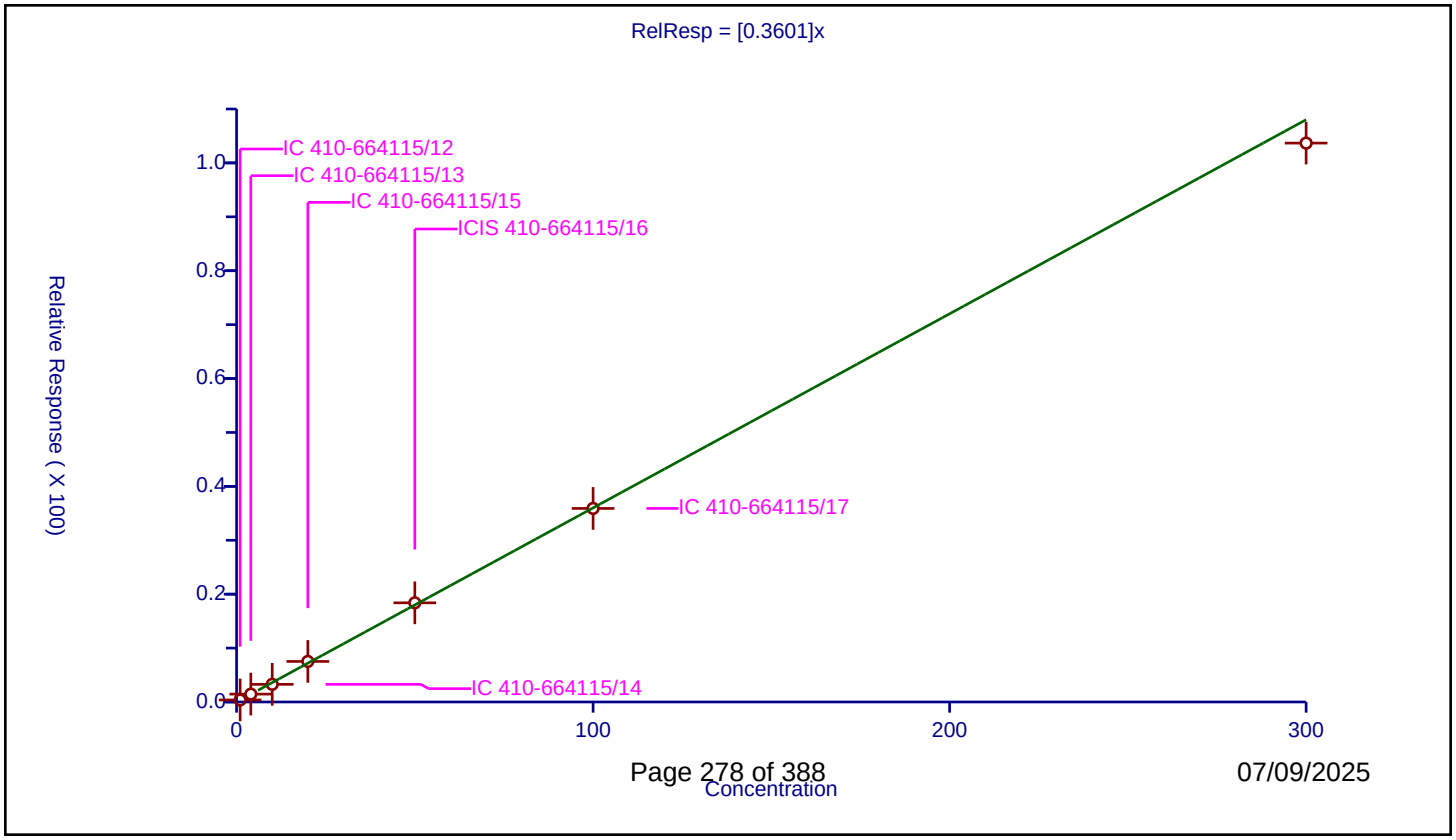
Curve Coefficients

Intercept:	0
Slope:	0.3601

Error Coefficients

Relative Standard Deviation:	5.1

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.379703	50.0	830912.0	0.379703	Y
2	IC 410-664115/13	4.0	1.459331	50.0	867178.0	0.364833	Y
3	IC 410-664115/14	10.0	3.272553	50.0	862232.0	0.327255	Y
4	IC 410-664115/15	20.0	7.522289	50.0	888905.0	0.376114	Y
5	ICIS 410-664115/16	50.0	18.395074	50.0	912989.0	0.367901	Y
6	IC 410-664115/17	100.0	35.90598	50.0	937504.0	0.35906	Y
7	IC 410-664115/18	300.0	103.678418	50.0	989882.0	0.345595	Y



Calibration / 1,3-Dichloropropane

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

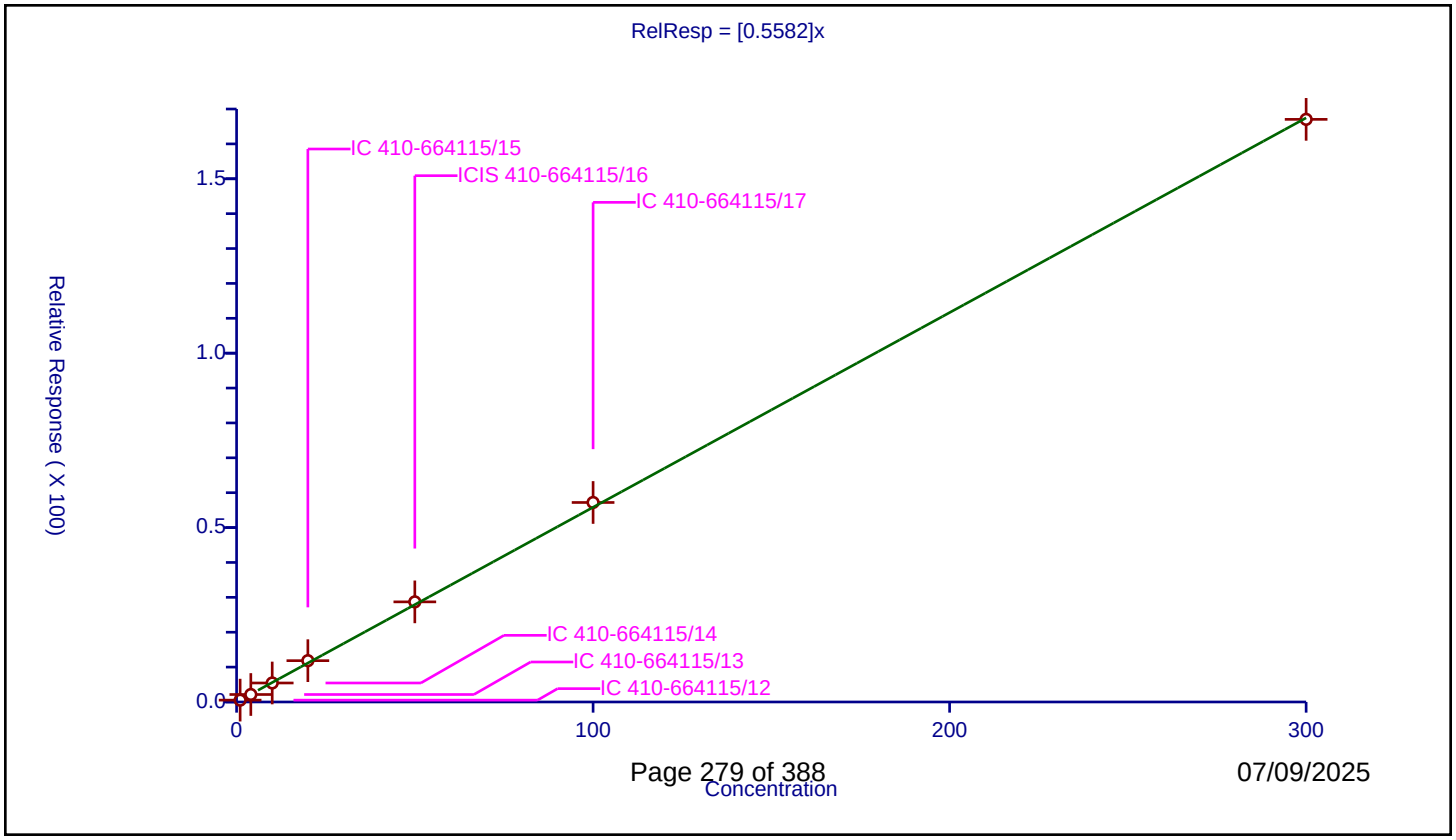
Curve Coefficients

Intercept:	0
Slope:	0.5582

Error Coefficients

Relative Standard Deviation:	4.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.532126	50.0	830912.0	0.532126	Y
2	IC 410-664115/13	4.0	2.141371	50.0	867178.0	0.535343	Y
3	IC 410-664115/14	10.0	5.448418	50.0	862232.0	0.544842	Y
4	IC 410-664115/15	20.0	11.843954	50.0	888905.0	0.592198	Y
5	ICIS 410-664115/16	50.0	28.705932	50.0	912989.0	0.574119	Y
6	IC 410-664115/17	100.0	57.194743	50.0	937504.0	0.571947	Y
7	IC 410-664115/18	300.0	167.03501	50.0	989882.0	0.556783	Y



Calibration / 2-Hexanone

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

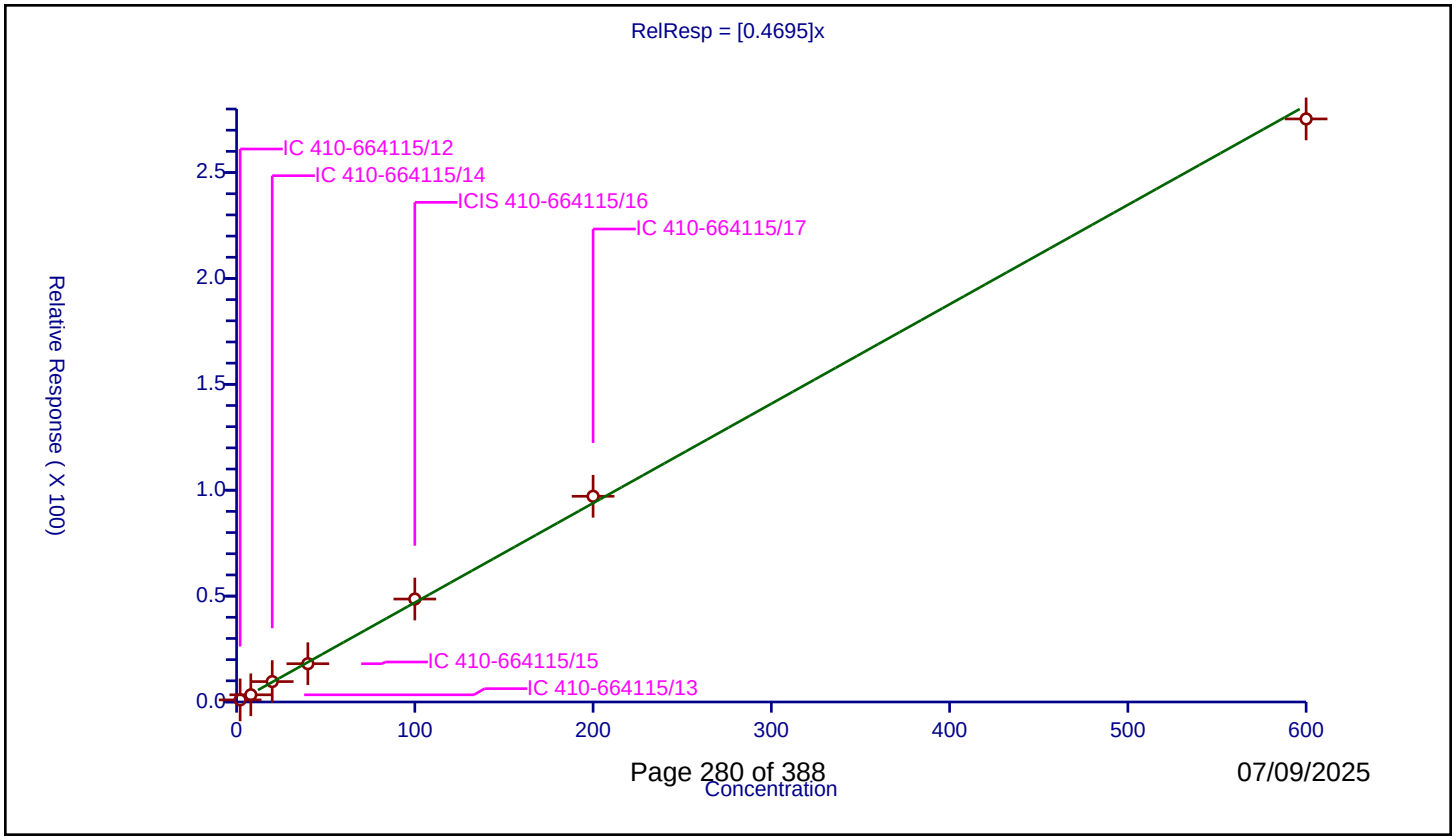
Curve Coefficients

Intercept:	0
Slope:	0.4695

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	0.99463	50.0	830912.0	0.497315	Y
2	IC 410-664115/13	8.0	3.396477	50.0	867178.0	0.42456	Y
3	IC 410-664115/14	20.0	9.635284	50.0	862232.0	0.481764	Y
4	IC 410-664115/15	40.0	18.078872	50.0	888905.0	0.451972	Y
5	ICIS 410-664115/16	100.0	48.611593	50.0	912989.0	0.486116	Y
6	IC 410-664115/17	200.0	97.141932	50.0	937504.0	0.48571	Y
7	IC 410-664115/18	600.0	275.310037	50.0	989882.0	0.45885	Y



07/09/2025

Calibration / Chlorodibromomethane

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

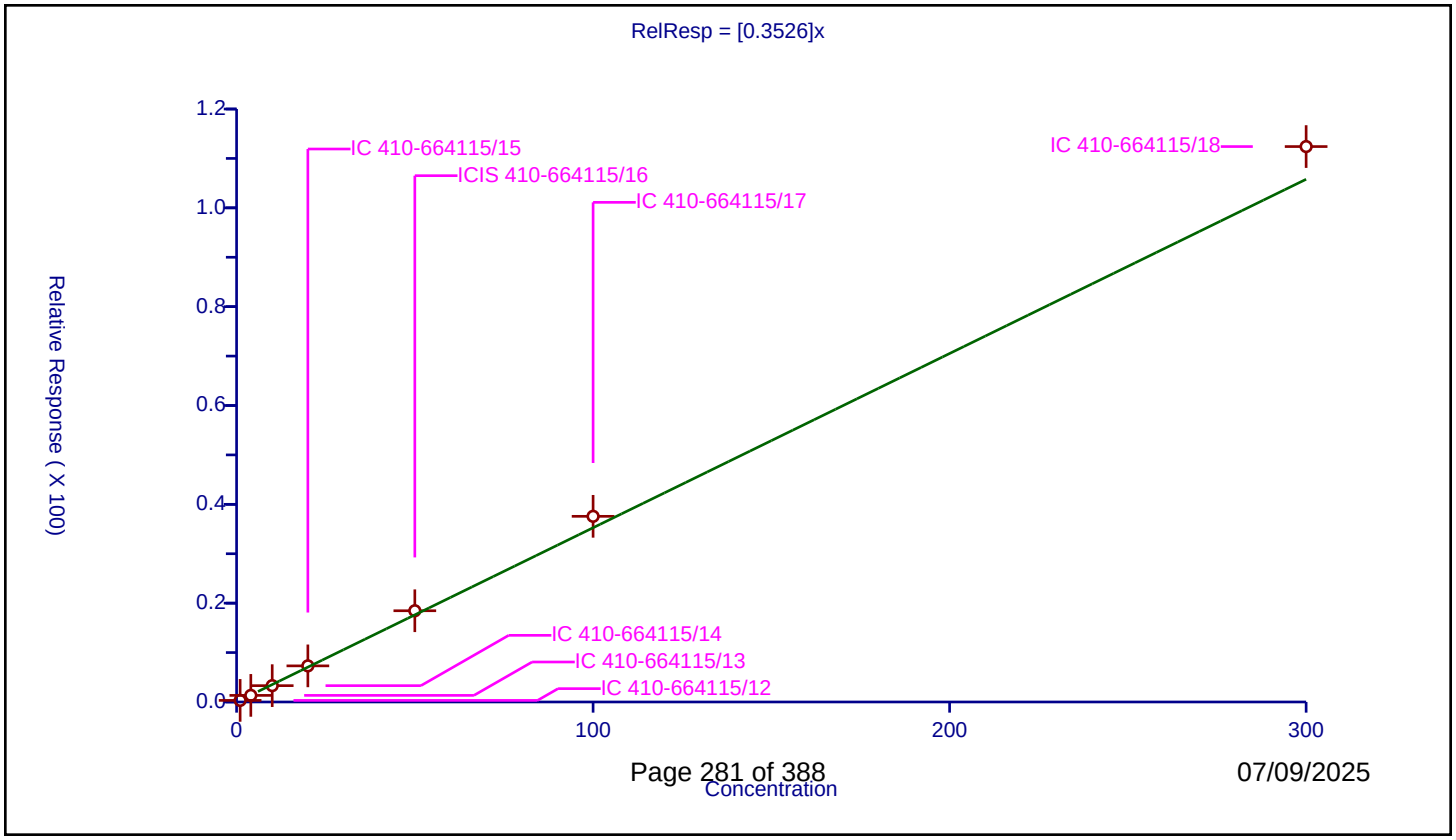
Curve Coefficients

Intercept:	0
Slope:	0.3526

Error Coefficients

Relative Standard Deviation:	6.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.318626	50.0	830912.0	0.318626	Y
2	IC 410-664115/13	4.0	1.337096	50.0	867178.0	0.334274	Y
3	IC 410-664115/14	10.0	3.303055	50.0	862232.0	0.330306	Y
4	IC 410-664115/15	20.0	7.307024	50.0	888905.0	0.365351	Y
5	ICIS 410-664115/16	50.0	18.463475	50.0	912989.0	0.36927	Y
6	IC 410-664115/17	100.0	37.571626	50.0	937504.0	0.375716	Y
7	IC 410-664115/18	300.0	112.400013	50.0	989882.0	0.374667	Y



Calibration / Ethylene Dibromide

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

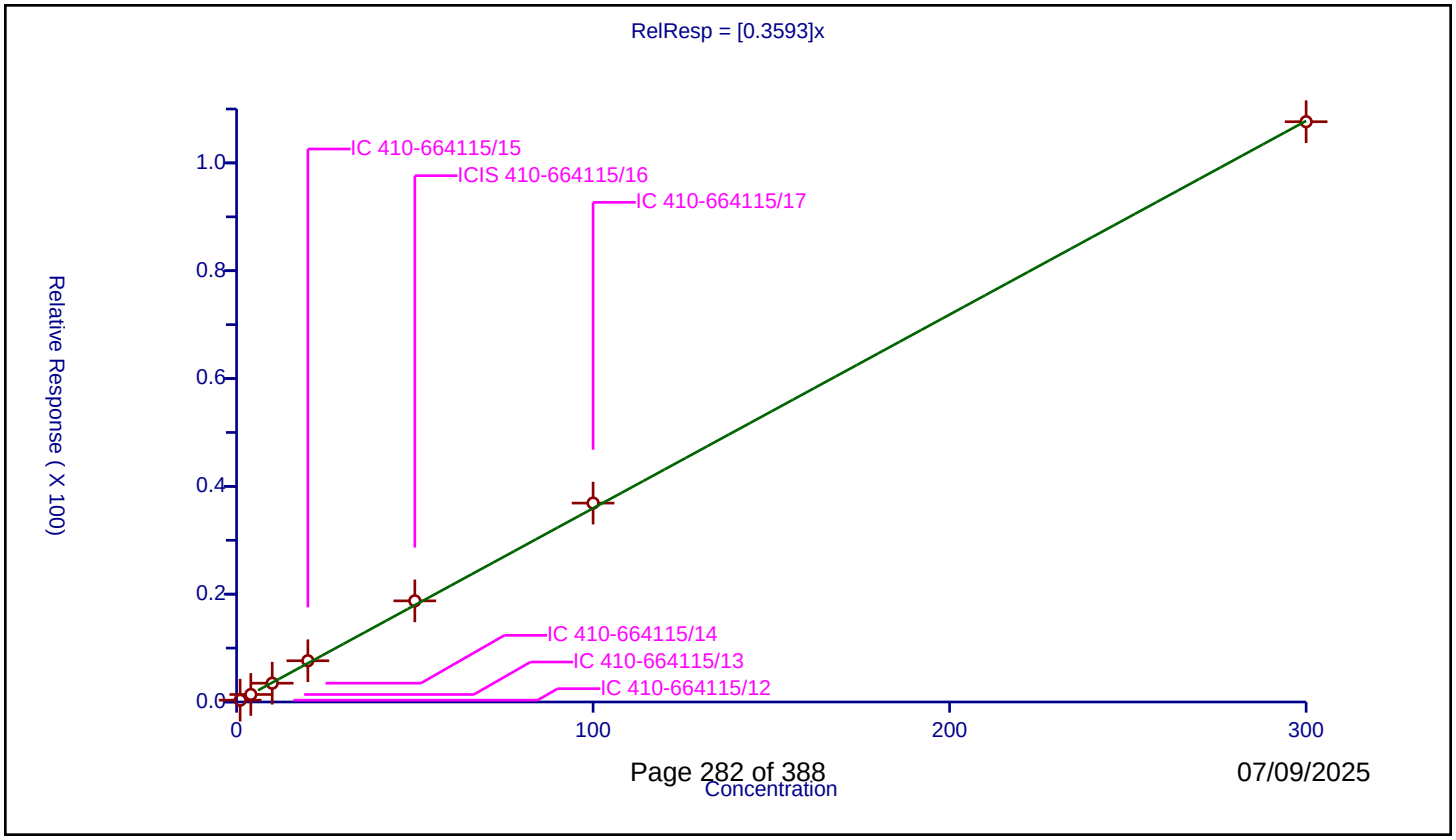
Curve Coefficients

Intercept:	0
Slope:	0.3593

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.332285	50.0	830912.0	0.332285	Y
2	IC 410-664115/13	4.0	1.394696	50.0	867178.0	0.348674	Y
3	IC 410-664115/14	10.0	3.486707	50.0	862232.0	0.348671	Y
4	IC 410-664115/15	20.0	7.652561	50.0	888905.0	0.382628	Y
5	ICIS 410-664115/16	50.0	18.762219	50.0	912989.0	0.375244	Y
6	IC 410-664115/17	100.0	36.896109	50.0	937504.0	0.368961	Y
7	IC 410-664115/18	300.0	107.644244	50.0	989882.0	0.358814	Y



Calibration / 1-Chlorohexane

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

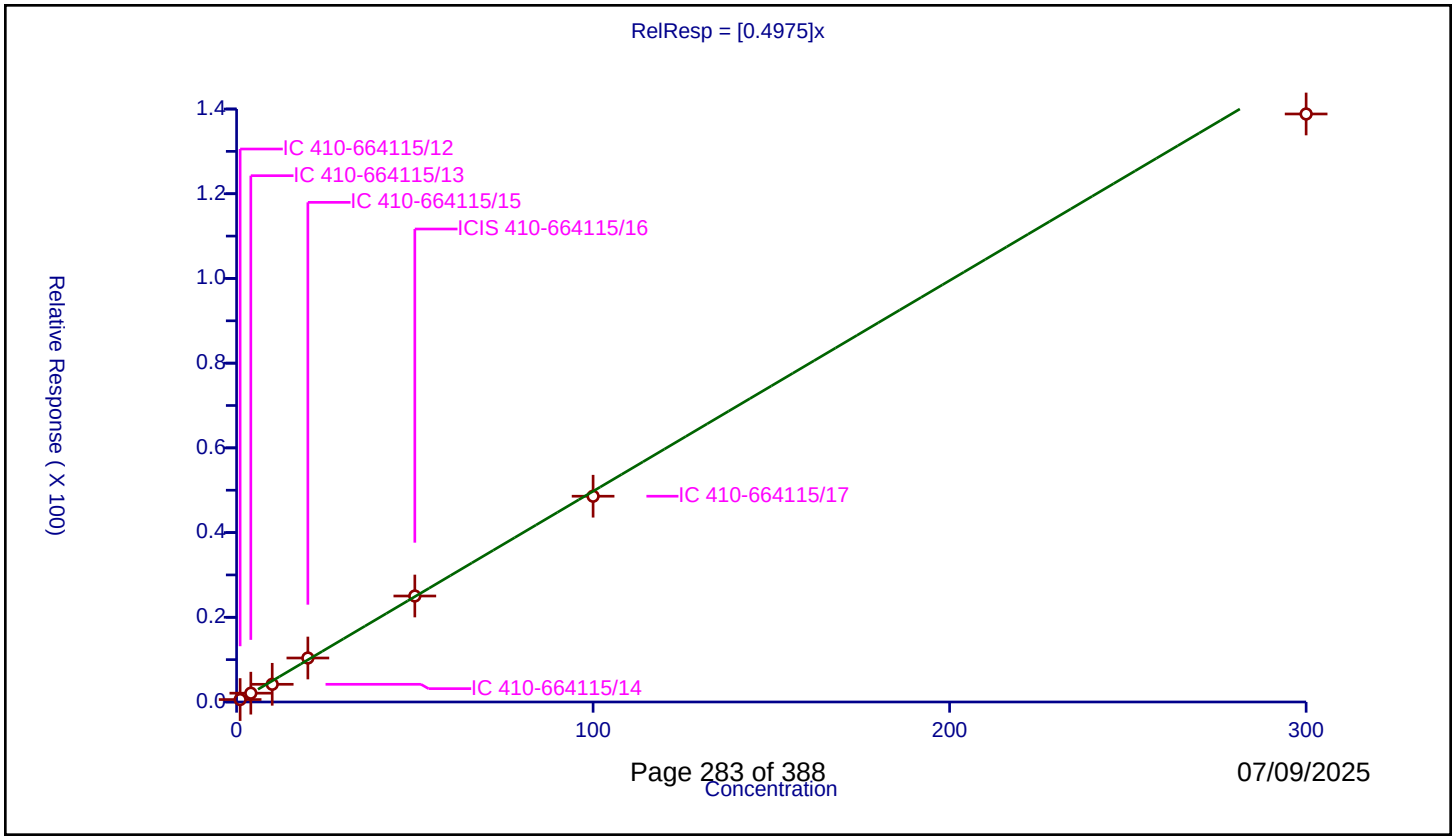
Curve Coefficients

Intercept:	0
Slope:	0.4975

Error Coefficients

Relative Standard Deviation:	10.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.575693	50.0	830912.0	0.575693	Y
2	IC 410-664115/13	4.0	2.083425	50.0	867178.0	0.520856	Y
3	IC 410-664115/14	10.0	4.17492	50.0	862232.0	0.417492	Y
4	IC 410-664115/15	20.0	10.386655	50.0	888905.0	0.519333	Y
5	ICIS 410-664115/16	50.0	25.024179	50.0	912989.0	0.500484	Y
6	IC 410-664115/17	100.0	48.580113	50.0	937504.0	0.485801	Y
7	IC 410-664115/18	300.0	138.82685	50.0	989882.0	0.462756	Y



Calibration / Chlorobenzene

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

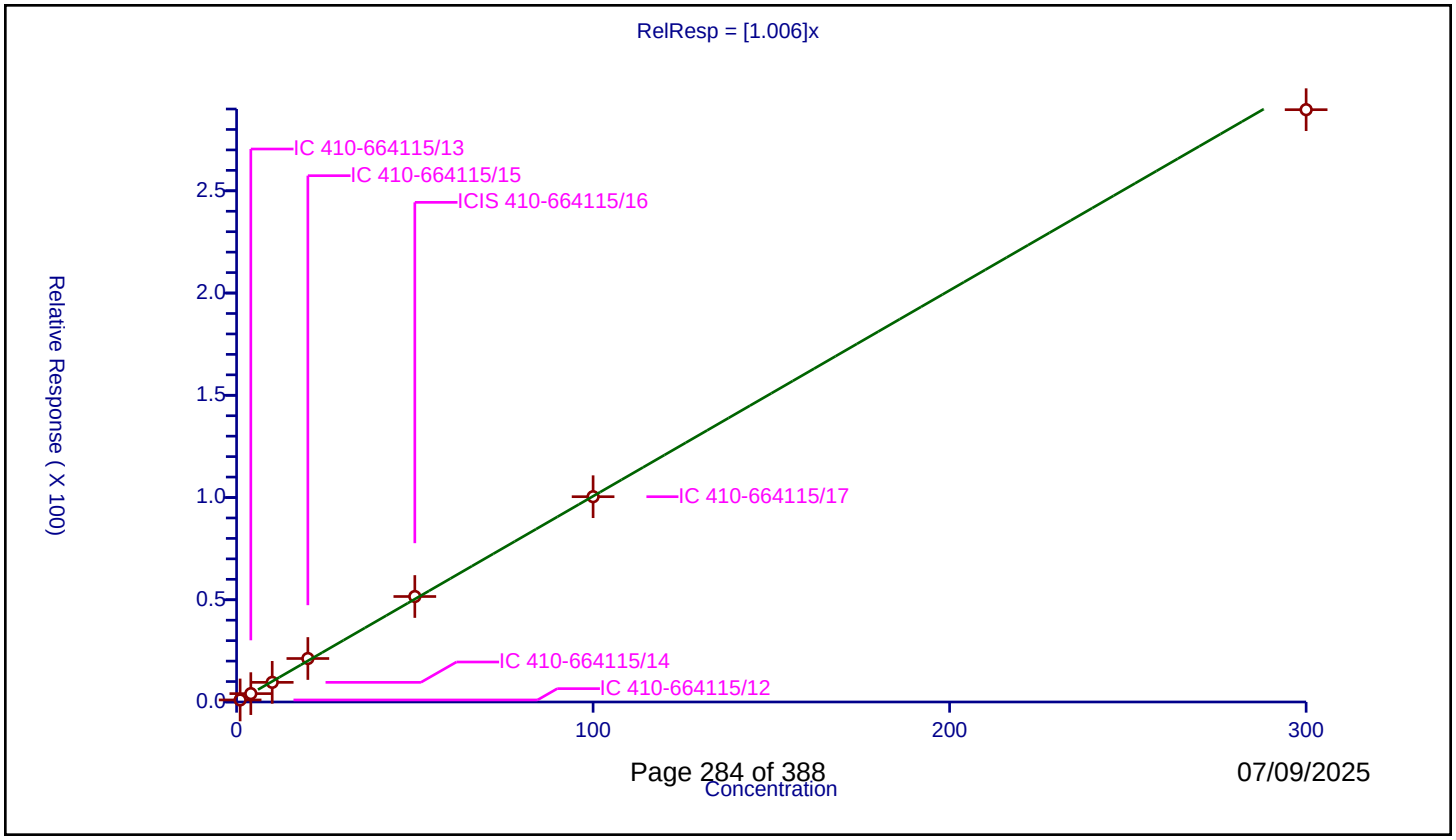
Curve Coefficients

Intercept:	0
Slope:	1.006

Error Coefficients

Relative Standard Deviation:	3.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.000407	50.0	830912.0	1.000407	Y
2	IC 410-664115/13	4.0	4.082265	50.0	867178.0	1.020566	Y
3	IC 410-664115/14	10.0	9.600374	50.0	862232.0	0.960037	Y
4	IC 410-664115/15	20.0	21.259415	50.0	888905.0	1.062971	Y
5	ICIS 410-664115/16	50.0	51.585014	50.0	912989.0	1.0317	Y
6	IC 410-664115/17	100.0	100.395198	50.0	937504.0	1.003952	Y
7	IC 410-664115/18	300.0	289.670739	50.0	989882.0	0.965569	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

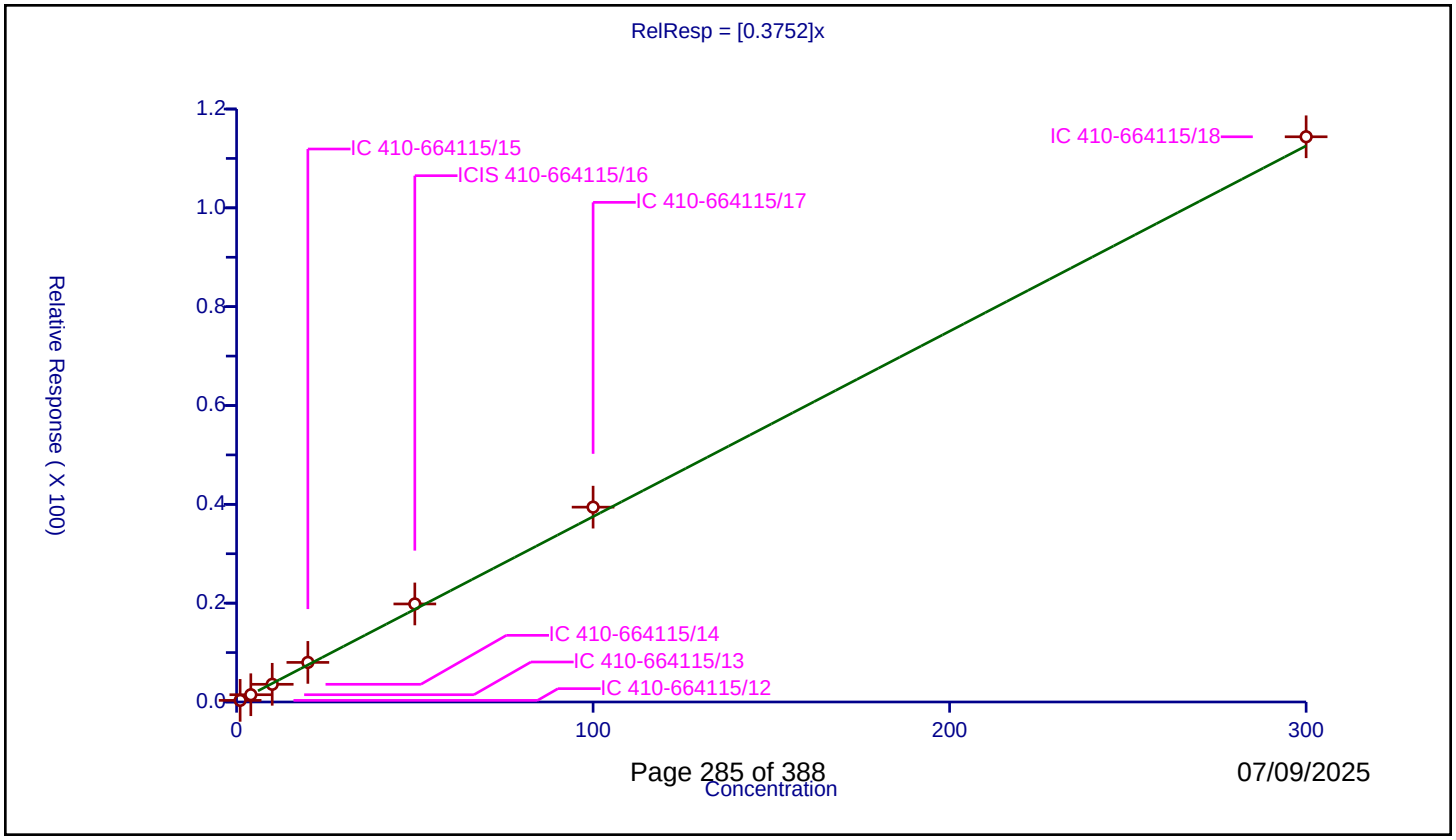
Curve Coefficients

Intercept:	0
Slope:	0.3752

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.327893	50.0	830912.0	0.327893	Y
2	IC 410-664115/13	4.0	1.469133	50.0	867178.0	0.367283	Y
3	IC 410-664115/14	10.0	3.578619	50.0	862232.0	0.357862	Y
4	IC 410-664115/15	20.0	8.013342	50.0	888905.0	0.400667	Y
5	ICIS 410-664115/16	50.0	19.842901	50.0	912989.0	0.396858	Y
6	IC 410-664115/17	100.0	39.431938	50.0	937504.0	0.394319	Y
7	IC 410-664115/18	300.0	114.3803	50.0	989882.0	0.381268	Y



Calibration / Ethylbenzene

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

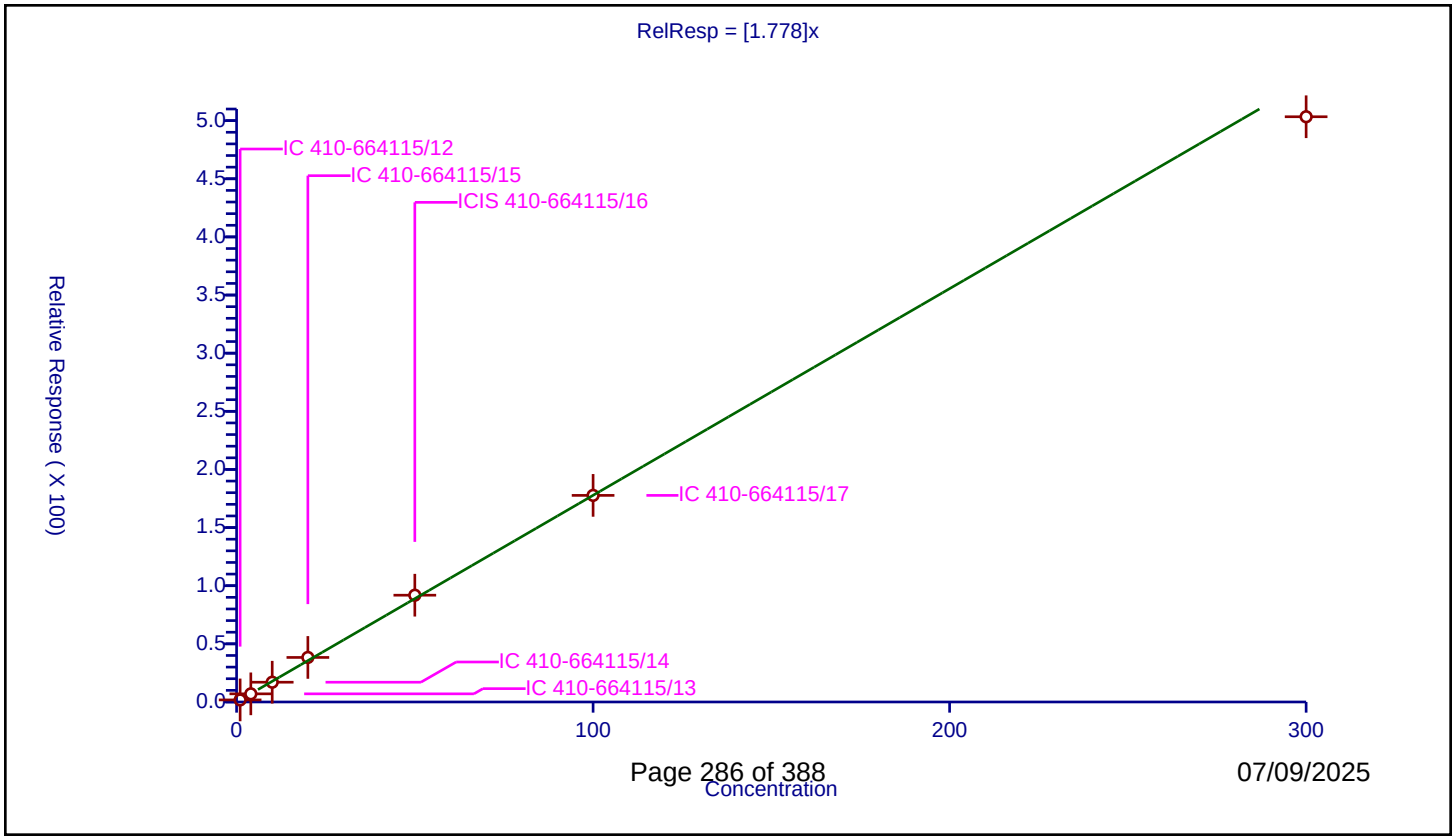
Curve Coefficients

Intercept:	0
Slope:	1.778

Error Coefficients

Relative Standard Deviation:	4.5

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.783582	50.0	830912.0	1.783582	Y
2	IC 410-664115/13	4.0	7.005194	50.0	867178.0	1.751298	Y
3	IC 410-664115/14	10.0	17.007024	50.0	862232.0	1.700702	Y
4	IC 410-664115/15	20.0	38.317368	50.0	888905.0	1.915868	Y
5	ICIS 410-664115/16	50.0	91.843494	50.0	912989.0	1.83687	Y
6	IC 410-664115/17	100.0	177.694975	50.0	937504.0	1.77695	Y
7	IC 410-664115/18	300.0	503.337772	50.0	989882.0	1.677793	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

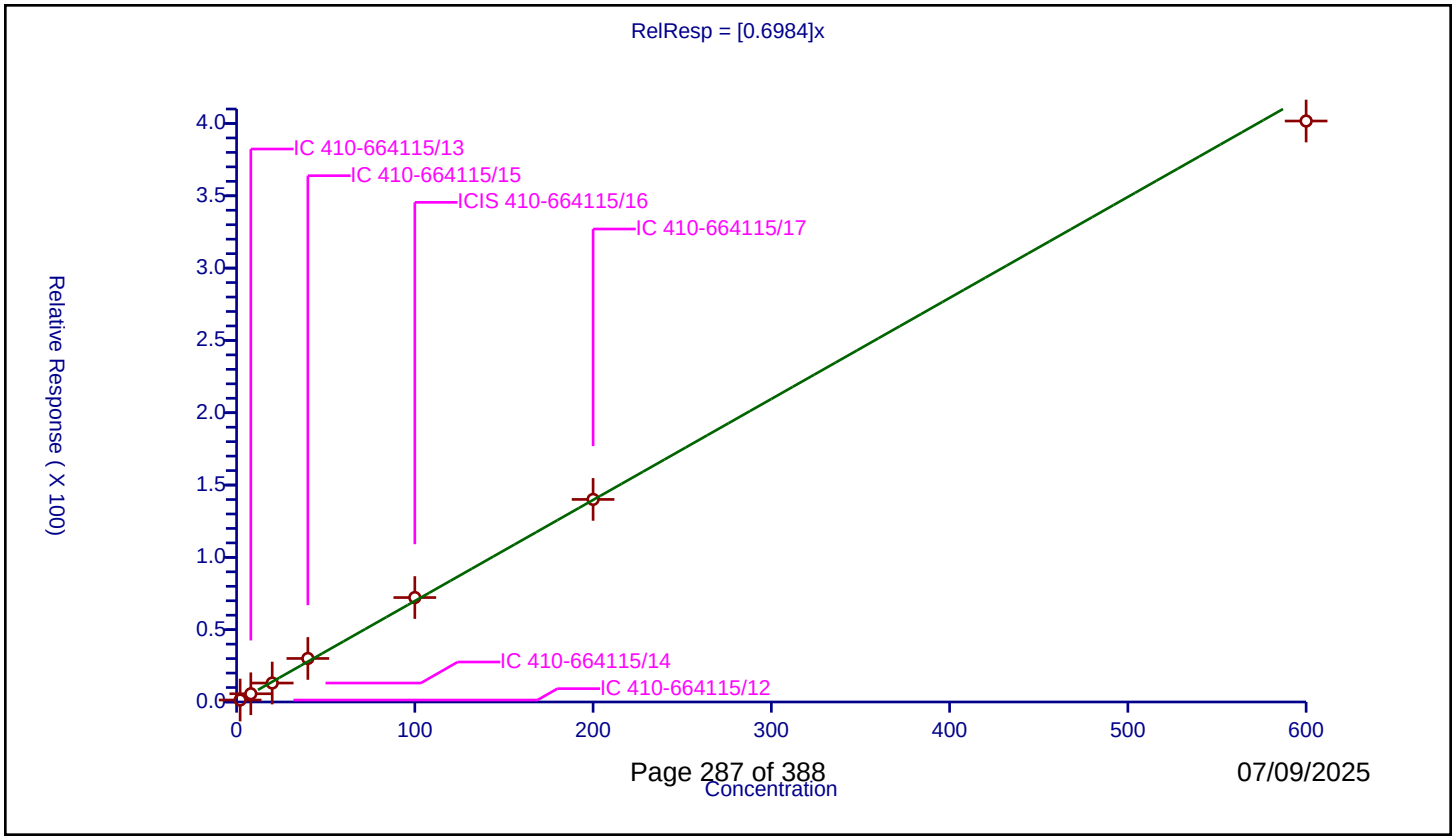
Curve Coefficients

Intercept:	0
Slope:	0.6984

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.0	1.356281	50.0	830912.0	0.67814	Y
2	IC 410-664115/13	8.0	5.687241	50.0	867178.0	0.710905	Y
3	IC 410-664115/14	20.0	13.102796	50.0	862232.0	0.65514	Y
4	IC 410-664115/15	40.0	30.106536	50.0	888905.0	0.752663	Y
5	ICIS 410-664115/16	100.0	72.216861	50.0	912989.0	0.722169	Y
6	IC 410-664115/17	200.0	140.073056	50.0	937504.0	0.700365	Y
7	IC 410-664115/18	600.0	401.71182	50.0	989882.0	0.66952	Y



Calibration / n-Butyl acrylate

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

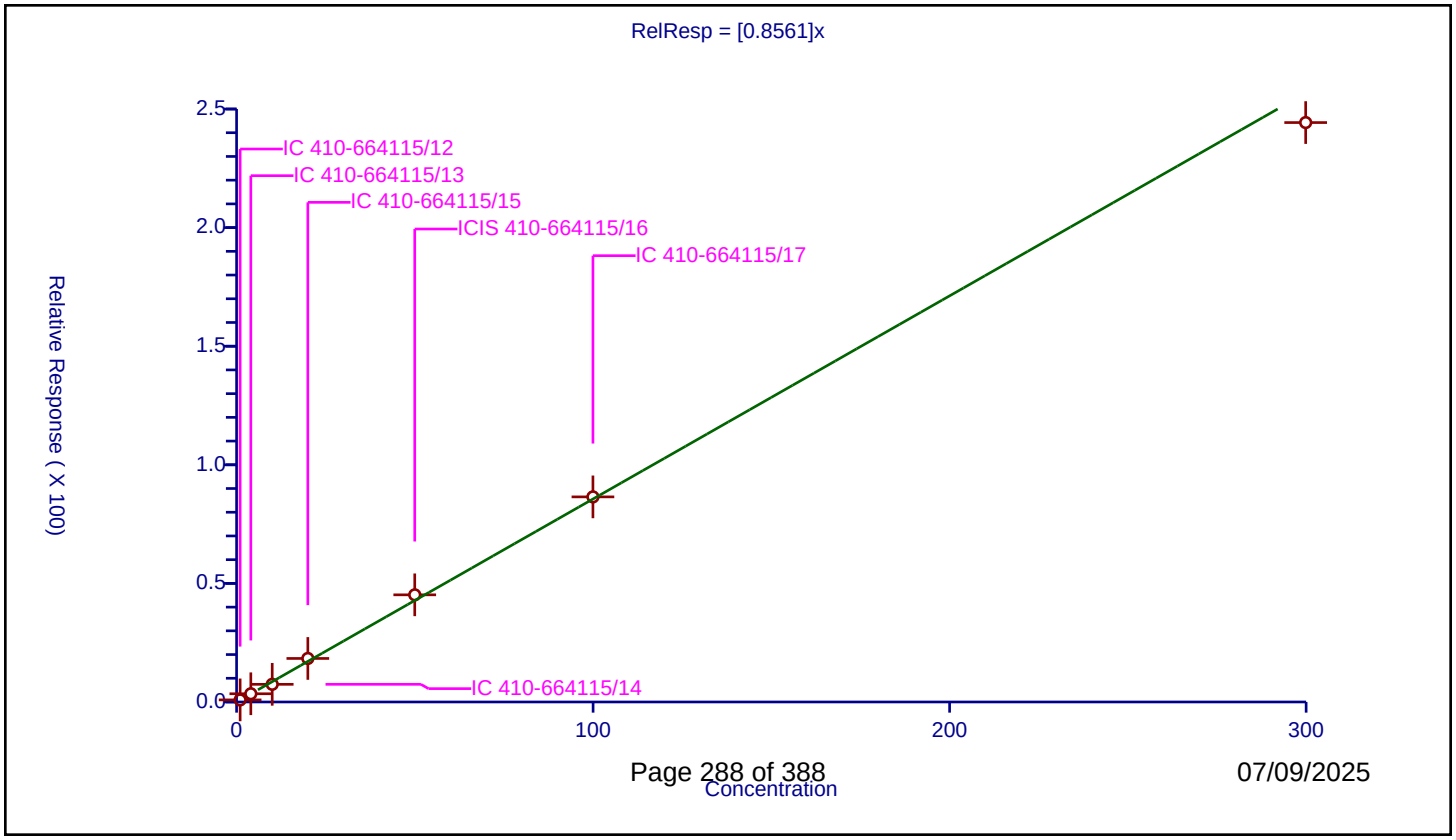
Curve Coefficients

Intercept:	0
Slope:	0.8561

Error Coefficients

Relative Standard Deviation:	6.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	0.999582	0.877409	50.0	830912.0	0.877776	Y
2	IC 410-664115/13	3.99833	3.470741	50.0	867178.0	0.868048	Y
3	IC 410-664115/14	9.995824	7.450779	50.0	862232.0	0.745389	Y
4	IC 410-664115/15	19.991648	18.353311	50.0	888905.0	0.918049	Y
5	ICIS 410-664115/16	49.97912	45.174203	50.0	912989.0	0.903862	Y
6	IC 410-664115/17	99.95824	86.470884	50.0	937504.0	0.86507	Y
7	IC 410-664115/18	299.87472	244.28548	50.0	989882.0	0.814625	Y



Calibration / o-Xylene

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

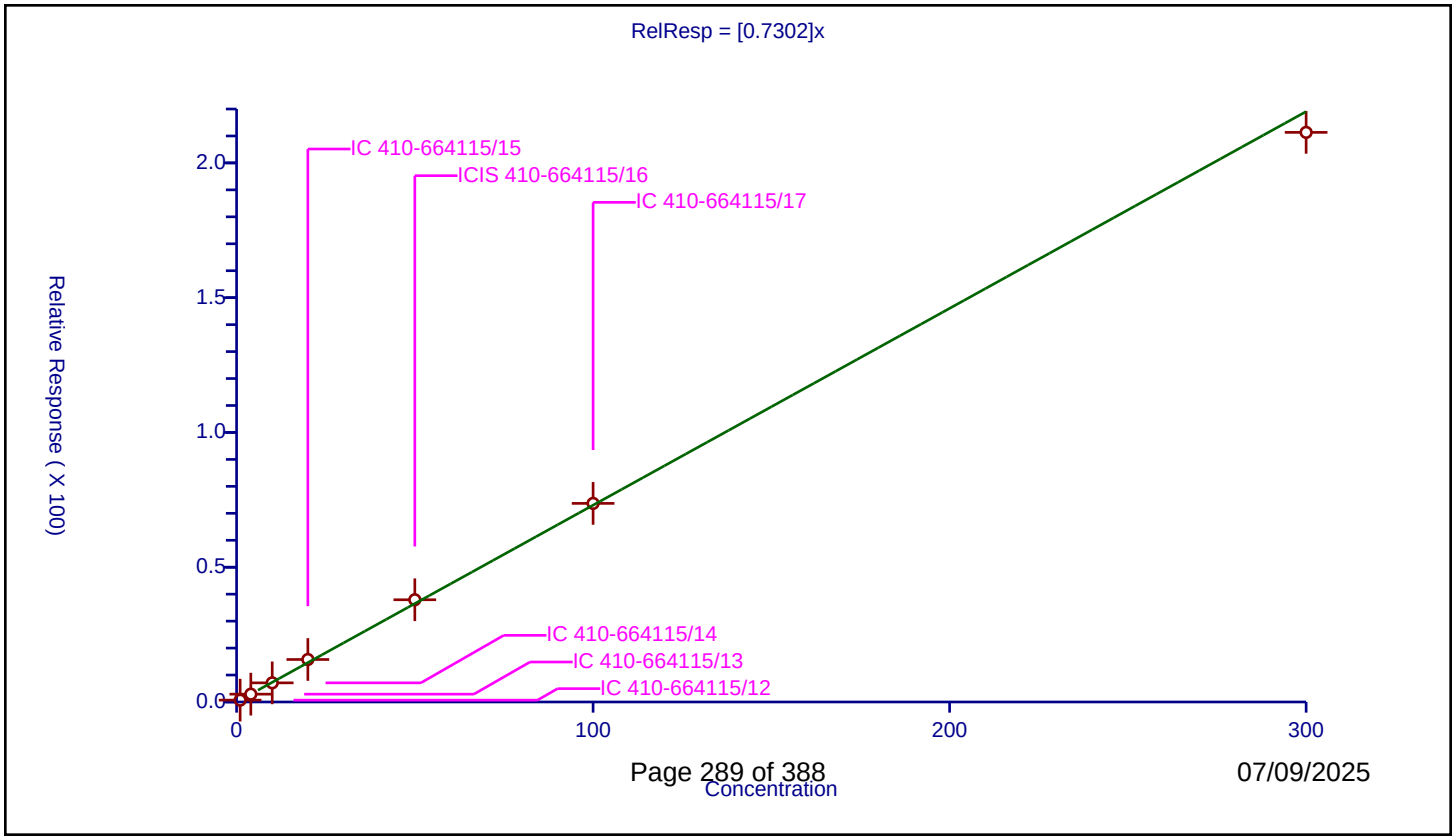
Curve Coefficients

Intercept:	0
Slope:	0.7302

Error Coefficients

Relative Standard Deviation:	4.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.687618	50.0	830912.0	0.687618	Y
2	IC 410-664115/13	4.0	2.901365	50.0	867178.0	0.725341	Y
3	IC 410-664115/14	10.0	7.103077	50.0	862232.0	0.710308	Y
4	IC 410-664115/15	20.0	15.762708	50.0	888905.0	0.788135	Y
5	ICIS 410-664115/16	50.0	37.925484	50.0	912989.0	0.75851	Y
6	IC 410-664115/17	100.0	73.685232	50.0	937504.0	0.736852	Y
7	IC 410-664115/18	300.0	211.329886	50.0	989882.0	0.704433	Y



Calibration / Styrene

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

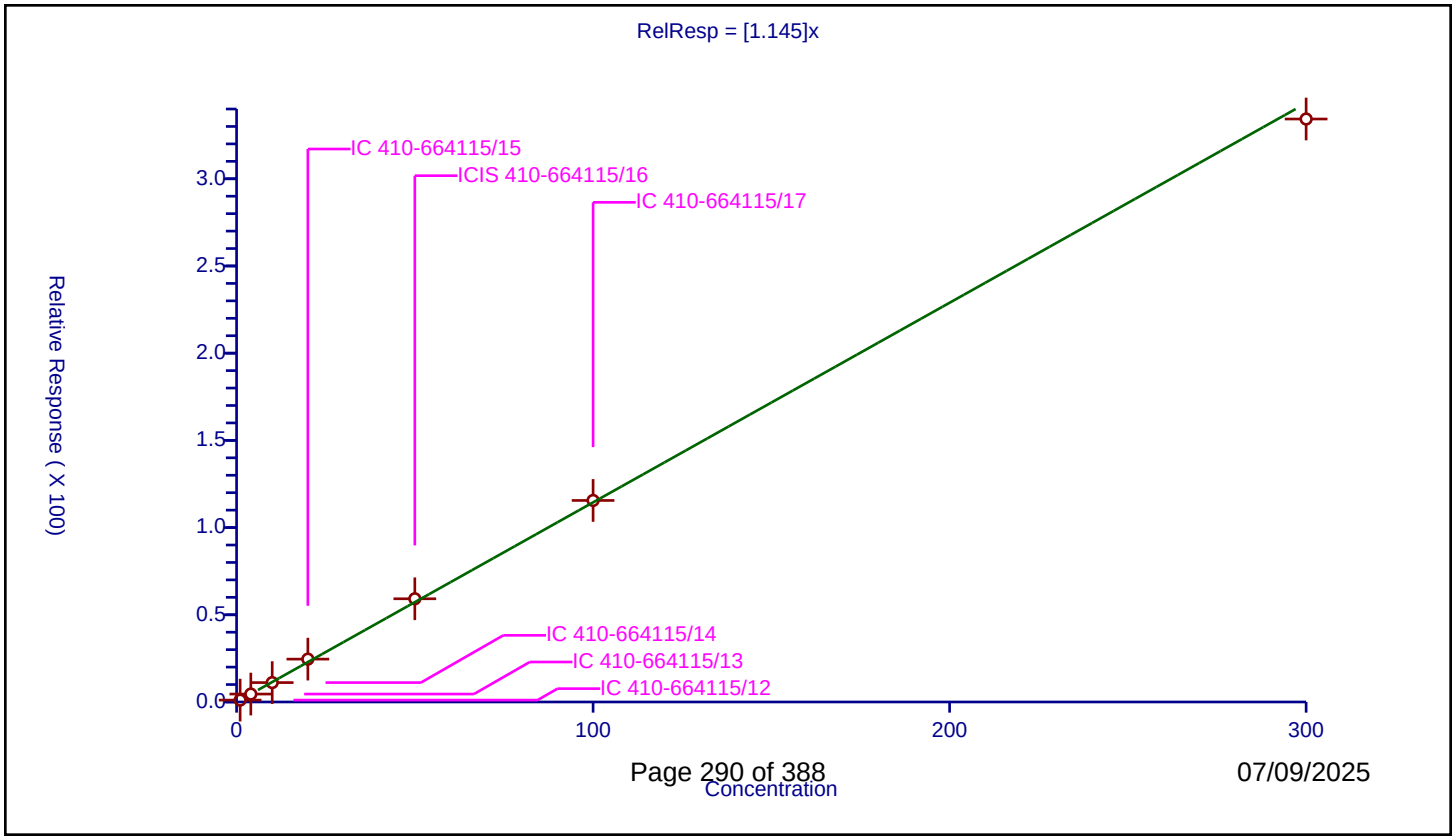
Curve Coefficients

Intercept:	0
Slope:	1.145

Error Coefficients

Relative Standard Deviation:	4.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.079477	50.0	830912.0	1.079477	Y
2	IC 410-664115/13	4.0	4.553621	50.0	867178.0	1.138405	Y
3	IC 410-664115/14	10.0	11.116904	50.0	862232.0	1.11169	Y
4	IC 410-664115/15	20.0	24.577823	50.0	888905.0	1.228891	Y
5	ICIS 410-664115/16	50.0	59.18045	50.0	912989.0	1.183609	Y
6	IC 410-664115/17	100.0	115.558654	50.0	937504.0	1.155587	Y
7	IC 410-664115/18	300.0	334.26469	50.0	989882.0	1.114216	Y



Calibration / Bromoform

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

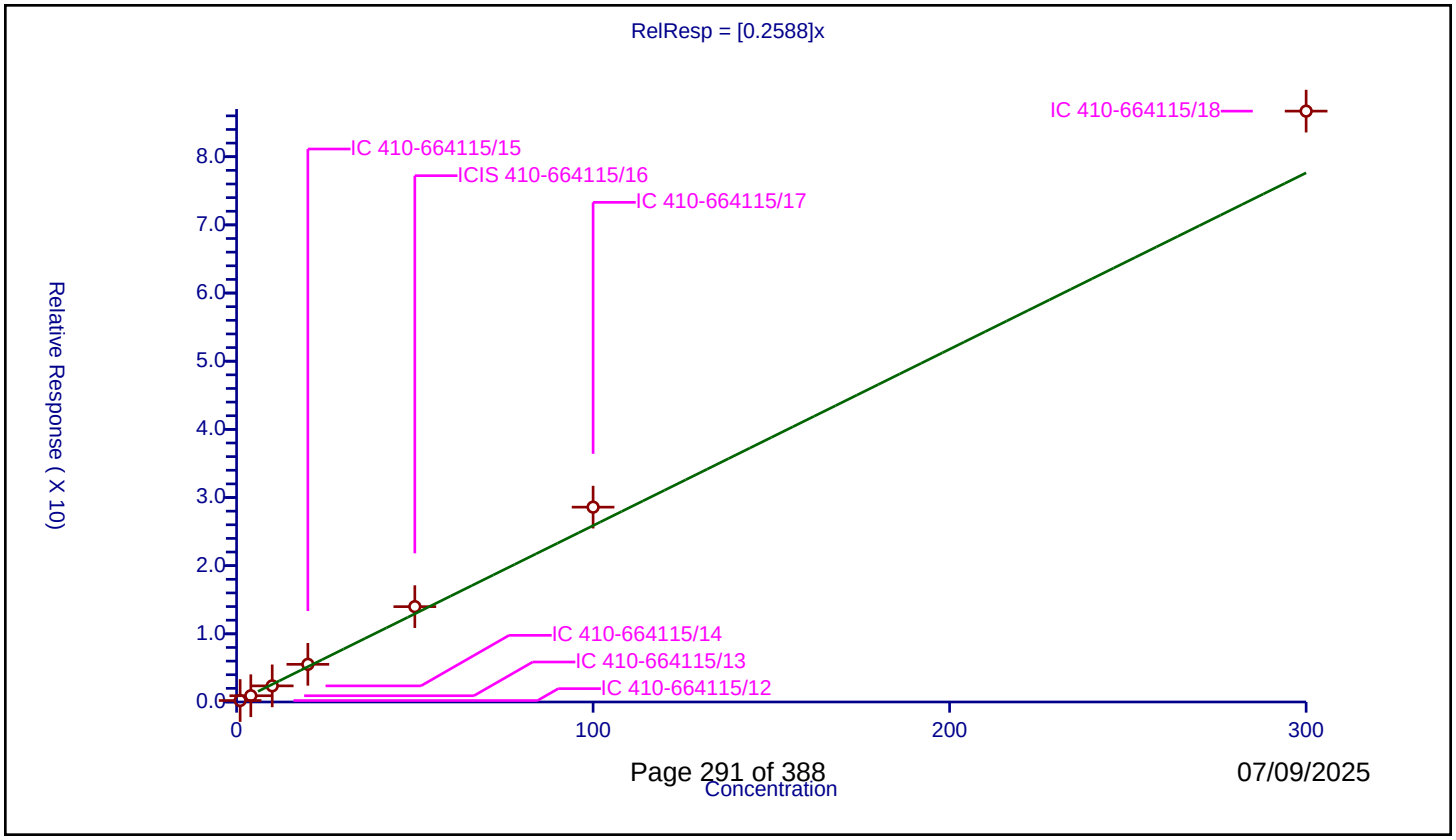
Curve Coefficients

Intercept:	0
Slope:	0.2588

Error Coefficients

Relative Standard Deviation:	11.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.214523	50.0	830912.0	0.214523	Y
2	IC 410-664115/13	4.0	0.918842	50.0	867178.0	0.229711	Y
3	IC 410-664115/14	10.0	2.363691	50.0	862232.0	0.236369	Y
4	IC 410-664115/15	20.0	5.525056	50.0	888905.0	0.276253	Y
5	ICIS 410-664115/16	50.0	13.988285	50.0	912989.0	0.279766	Y
6	IC 410-664115/17	100.0	28.588358	50.0	937504.0	0.285884	Y
7	IC 410-664115/18	300.0	86.692303	50.0	989882.0	0.288974	Y



Calibration / Isopropylbenzene

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

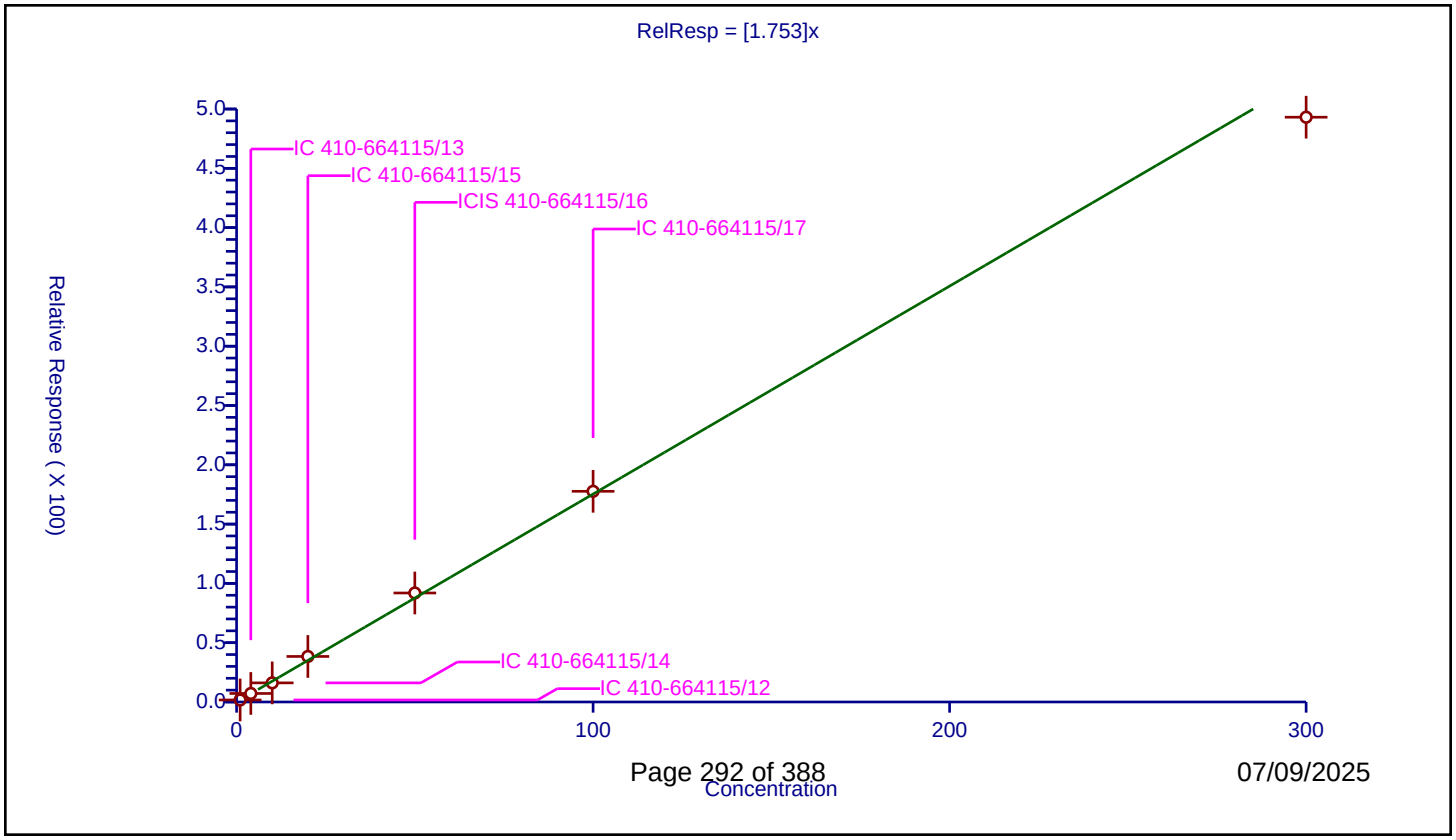
Curve Coefficients

Intercept:	0
Slope:	1.753

Error Coefficients

Relative Standard Deviation:	6.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.690251	50.0	830912.0	1.690251	Y
2	IC 410-664115/13	4.0	7.181513	50.0	867178.0	1.795378	Y
3	IC 410-664115/14	10.0	16.10541	50.0	862232.0	1.610541	Y
4	IC 410-664115/15	20.0	38.389592	50.0	888905.0	1.91948	Y
5	ICIS 410-664115/16	50.0	91.899902	50.0	912989.0	1.837998	Y
6	IC 410-664115/17	100.0	177.642442	50.0	937504.0	1.776424	Y
7	IC 410-664115/18	300.0	493.106401	50.0	989882.0	1.643688	Y



Calibration / 4-Bromofluorobenzene (Surr)

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

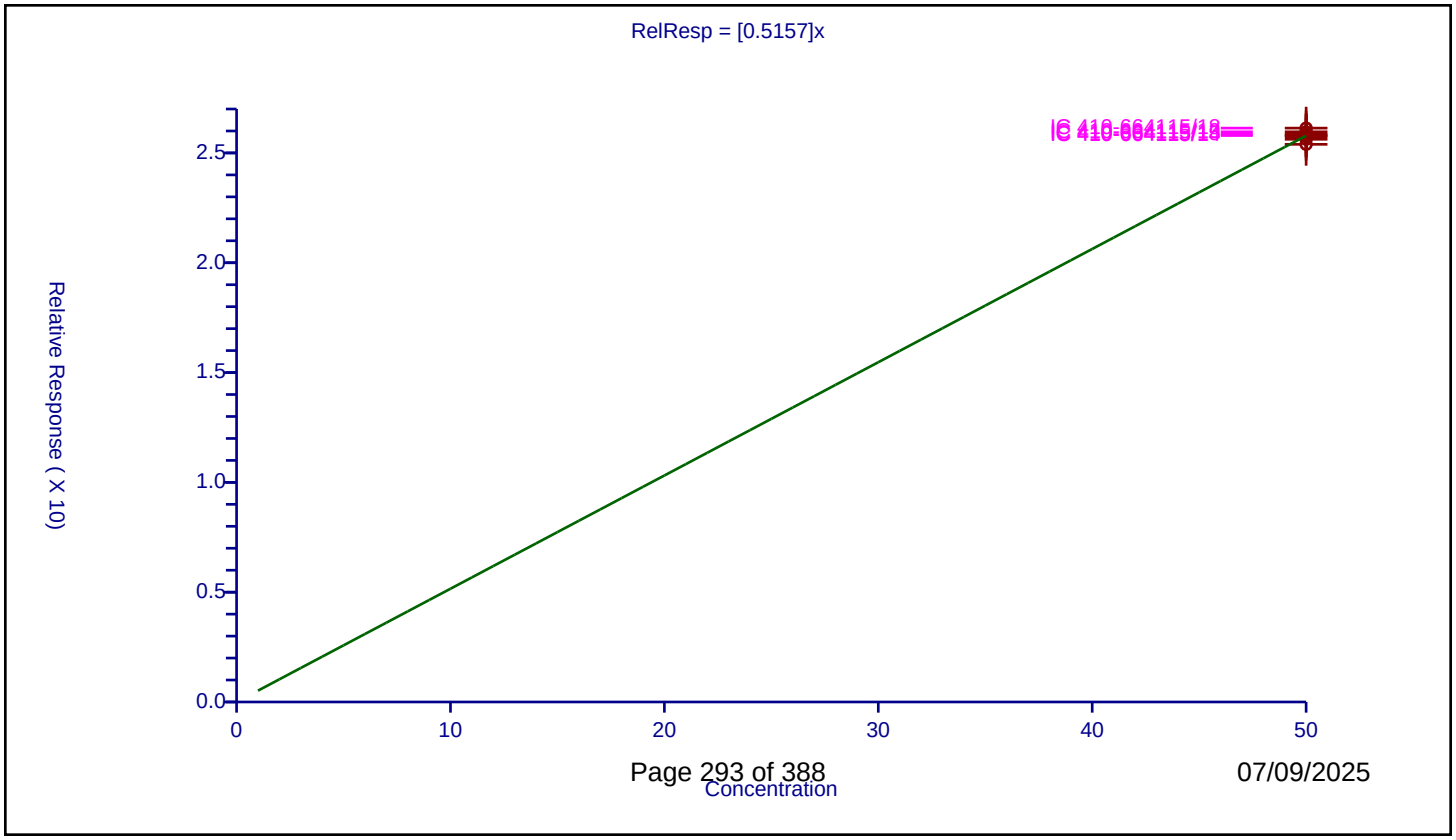
Curve Coefficients

Intercept:	0
Slope:	0.5157

Error Coefficients

Relative Standard Deviation:	0.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	50.0	25.740632	50.0	830912.0	0.514813	Y
2	IC 410-664115/13	50.0	25.961567	50.0	867178.0	0.519231	Y
3	IC 410-664115/14	50.0	25.791492	50.0	862232.0	0.51583	Y
4	IC 410-664115/15	50.0	25.847982	50.0	888905.0	0.51696	Y
5	ICIS 410-664115/16	50.0	25.621722	50.0	912989.0	0.512434	Y
6	IC 410-664115/17	50.0	25.391732	50.0	937504.0	0.507835	Y
7	IC 410-664115/18	50.0	26.131044	50.0	989882.0	0.522621	Y



Calibration / 1,1,2,2-Tetrachloroethane

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

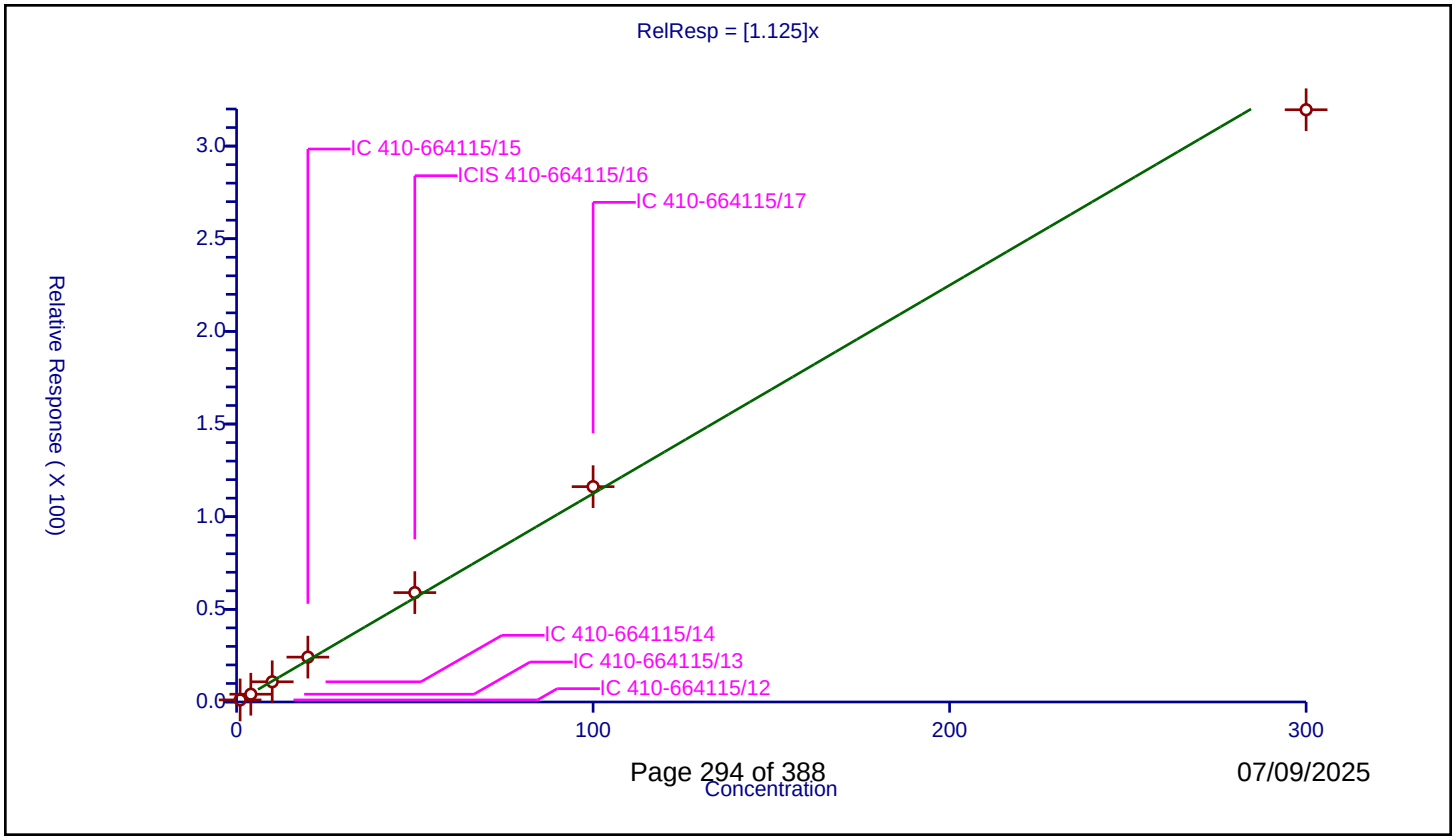
Curve Coefficients

Intercept:	0
Slope:	1.125

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.113698	50.0	499013.0	1.113698	Y
2	IC 410-664115/13	4.0	4.197457	50.0	518147.0	1.049364	Y
3	IC 410-664115/14	10.0	10.905067	50.0	512780.0	1.090507	Y
4	IC 410-664115/15	20.0	24.207906	50.0	524938.0	1.210395	Y
5	ICIS 410-664115/16	50.0	59.020791	50.0	528069.0	1.180416	Y
6	IC 410-664115/17	100.0	116.219288	50.0	539774.0	1.162193	Y
7	IC 410-664115/18	300.0	319.614622	50.0	610361.0	1.065382	Y



07/09/2025

Calibration / Bromobenzene

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

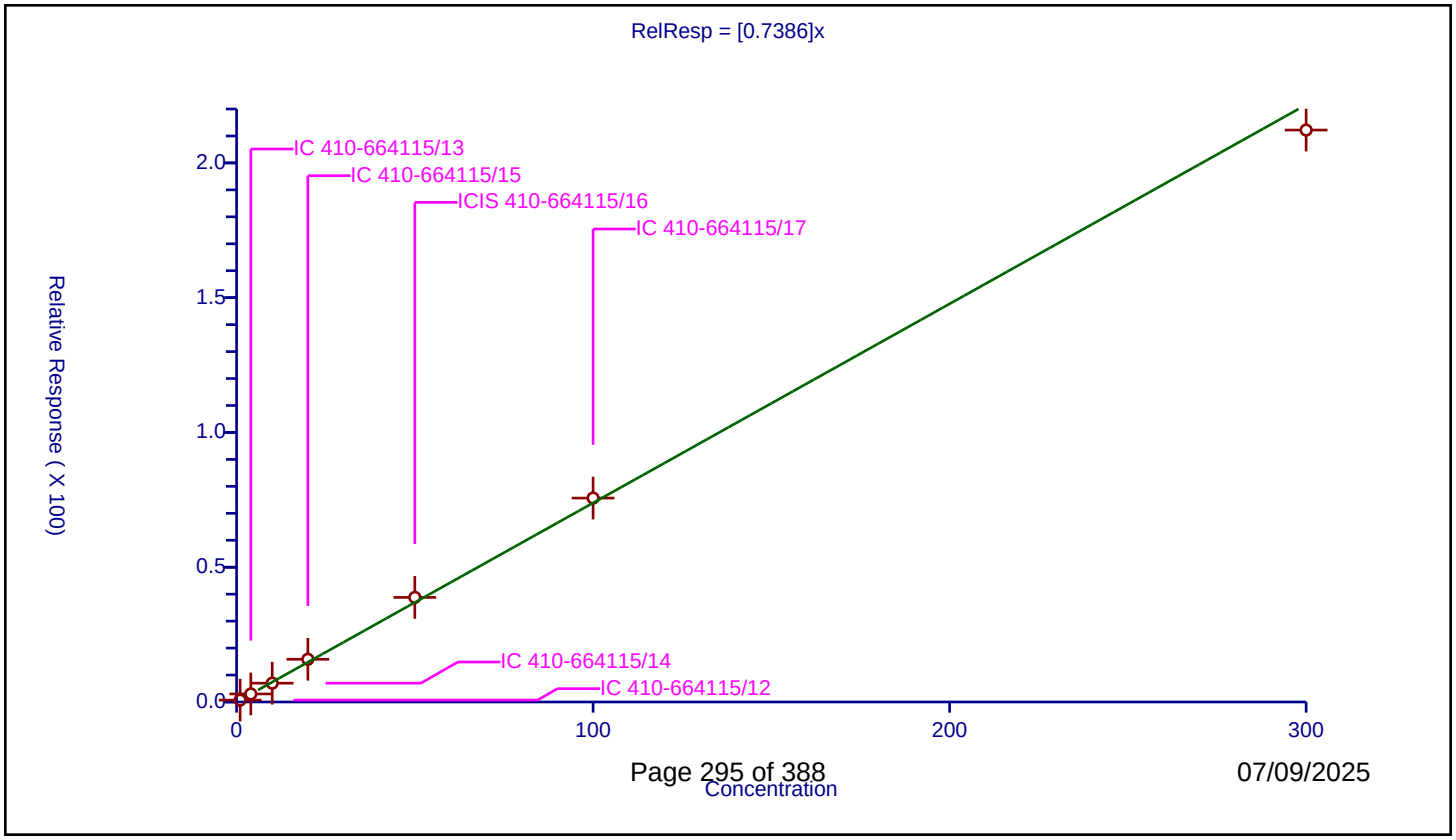
Curve Coefficients

Intercept:	0
Slope:	0.7386

Error Coefficients

Relative Standard Deviation:	5.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.694371	50.0	499013.0	0.694371	Y
2	IC 410-664115/13	4.0	2.984674	50.0	518147.0	0.746169	Y
3	IC 410-664115/14	10.0	6.976969	50.0	512780.0	0.697697	Y
4	IC 410-664115/15	20.0	15.844252	50.0	524938.0	0.792213	Y
5	ICIS 410-664115/16	50.0	38.795972	50.0	528069.0	0.775919	Y
6	IC 410-664115/17	100.0	75.655274	50.0	539774.0	0.756553	Y
7	IC 410-664115/18	300.0	212.190572	50.0	610361.0	0.707302	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

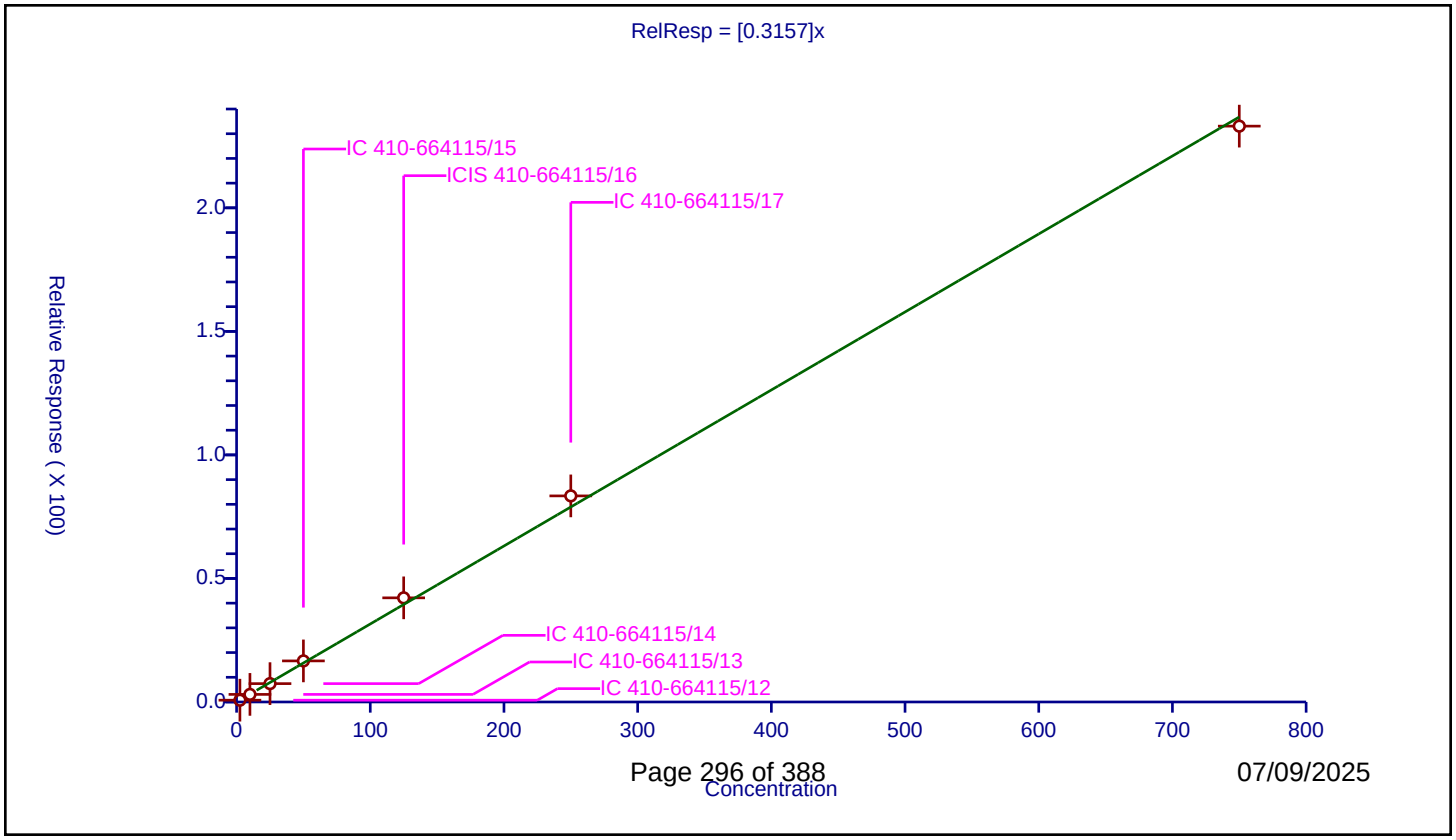
Curve Coefficients

Intercept:	0
Slope:	0.3157

Error Coefficients

Relative Standard Deviation:	5.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	2.5	0.728939	50.0	499013.0	0.291576	Y
2	IC 410-664115/13	10.0	3.07104	50.0	518147.0	0.307104	Y
3	IC 410-664115/14	25.0	7.429307	50.0	512780.0	0.297172	Y
4	IC 410-664115/15	50.0	16.621772	50.0	524938.0	0.332435	Y
5	ICIS 410-664115/16	125.0	42.148185	50.0	528069.0	0.337185	Y
6	IC 410-664115/17	250.0	83.418801	50.0	539774.0	0.333675	Y
7	IC 410-664115/18	750.0	233.073706	50.0	610361.0	0.310765	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

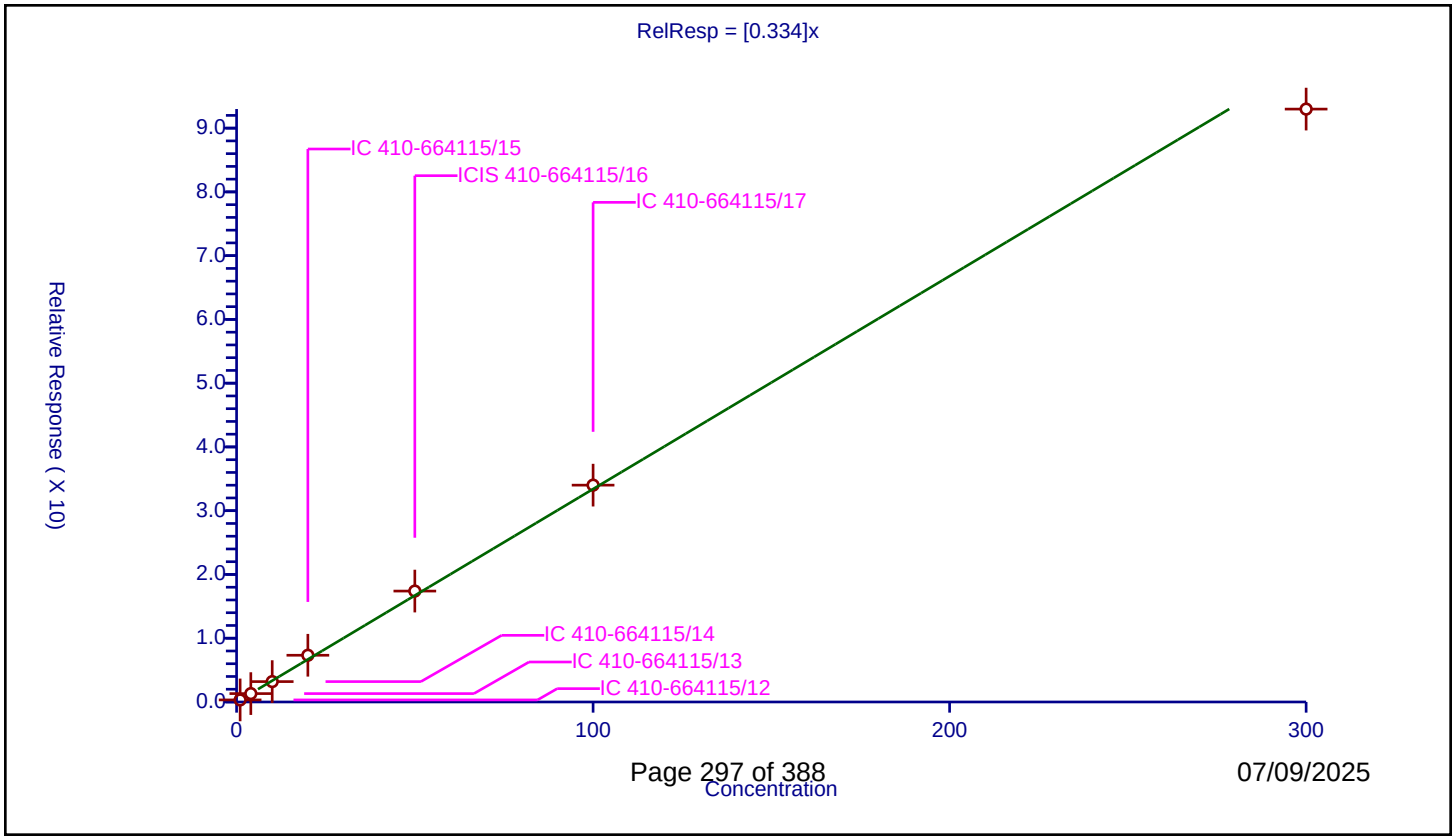
Curve Coefficients

Intercept:	0
Slope:	0.334

Error Coefficients

Relative Standard Deviation:	5.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.325442	50.0	499013.0	0.325442	Y
2	IC 410-664115/13	4.0	1.313913	50.0	518147.0	0.328478	Y
3	IC 410-664115/14	10.0	3.1964	50.0	512780.0	0.31964	Y
4	IC 410-664115/15	20.0	7.327913	50.0	524938.0	0.366396	Y
5	ICIS 410-664115/16	50.0	17.39678	50.0	528069.0	0.347936	Y
6	IC 410-664115/17	100.0	34.009697	50.0	539774.0	0.340097	Y
7	IC 410-664115/18	300.0	92.986364	50.0	610361.0	0.309955	Y



Calibration / N-Propylbenzene

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

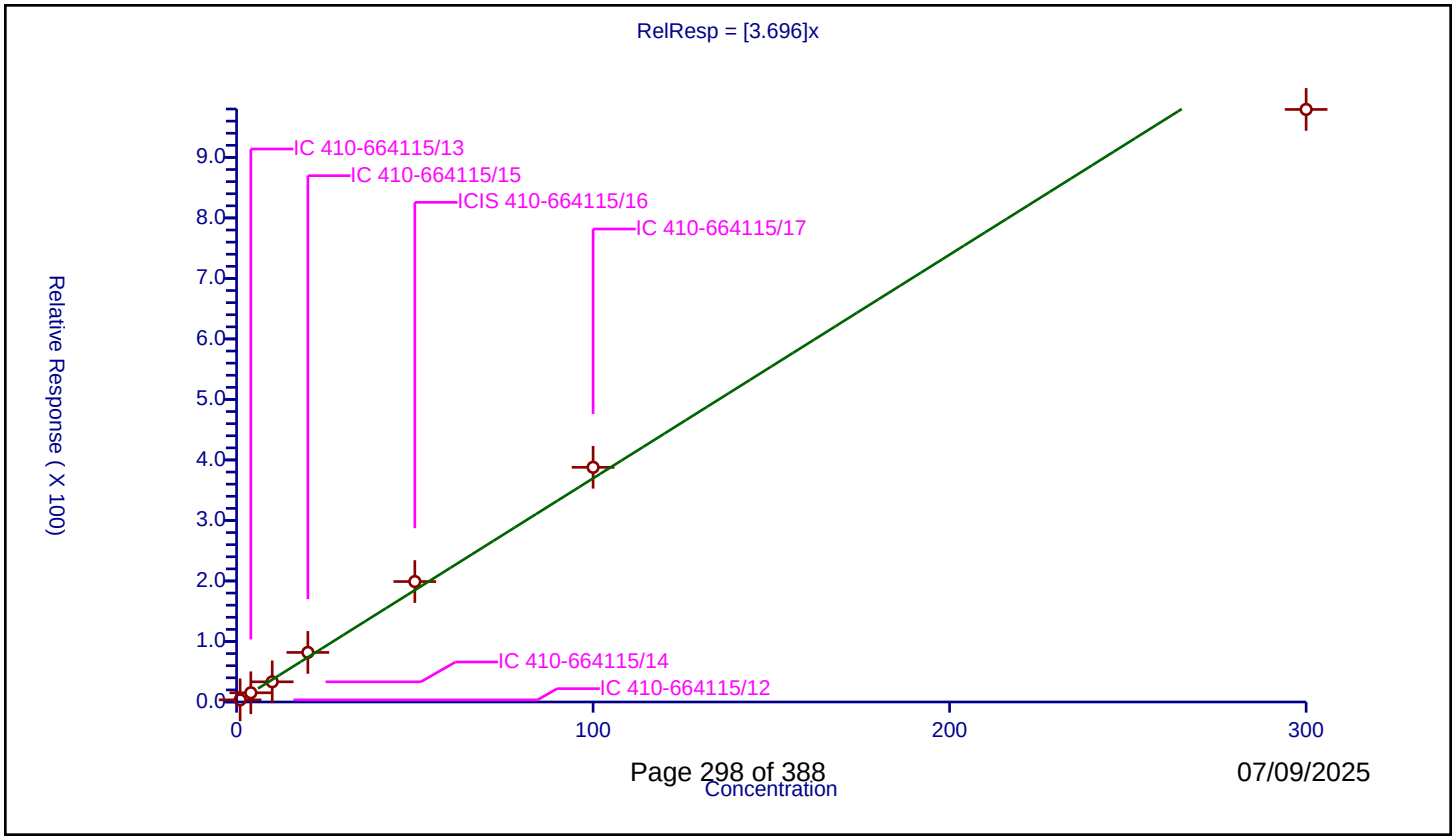
Curve Coefficients

Intercept:	0
Slope:	3.696

Error Coefficients

Relative Standard Deviation:	8.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.511532	50.0	499013.0	3.511532	Y
2	IC 410-664115/13	4.0	15.234866	50.0	518147.0	3.808716	Y
3	IC 410-664115/14	10.0	33.358653	50.0	512780.0	3.335865	Y
4	IC 410-664115/15	20.0	81.908054	50.0	524938.0	4.095403	Y
5	ICIS 410-664115/16	50.0	199.037815	50.0	528069.0	3.980756	Y
6	IC 410-664115/17	100.0	387.855936	50.0	539774.0	3.878559	Y
7	IC 410-664115/18	300.0	979.30356	50.0	610361.0	3.264345	Y



Calibration / 2-Chlorotoluene

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

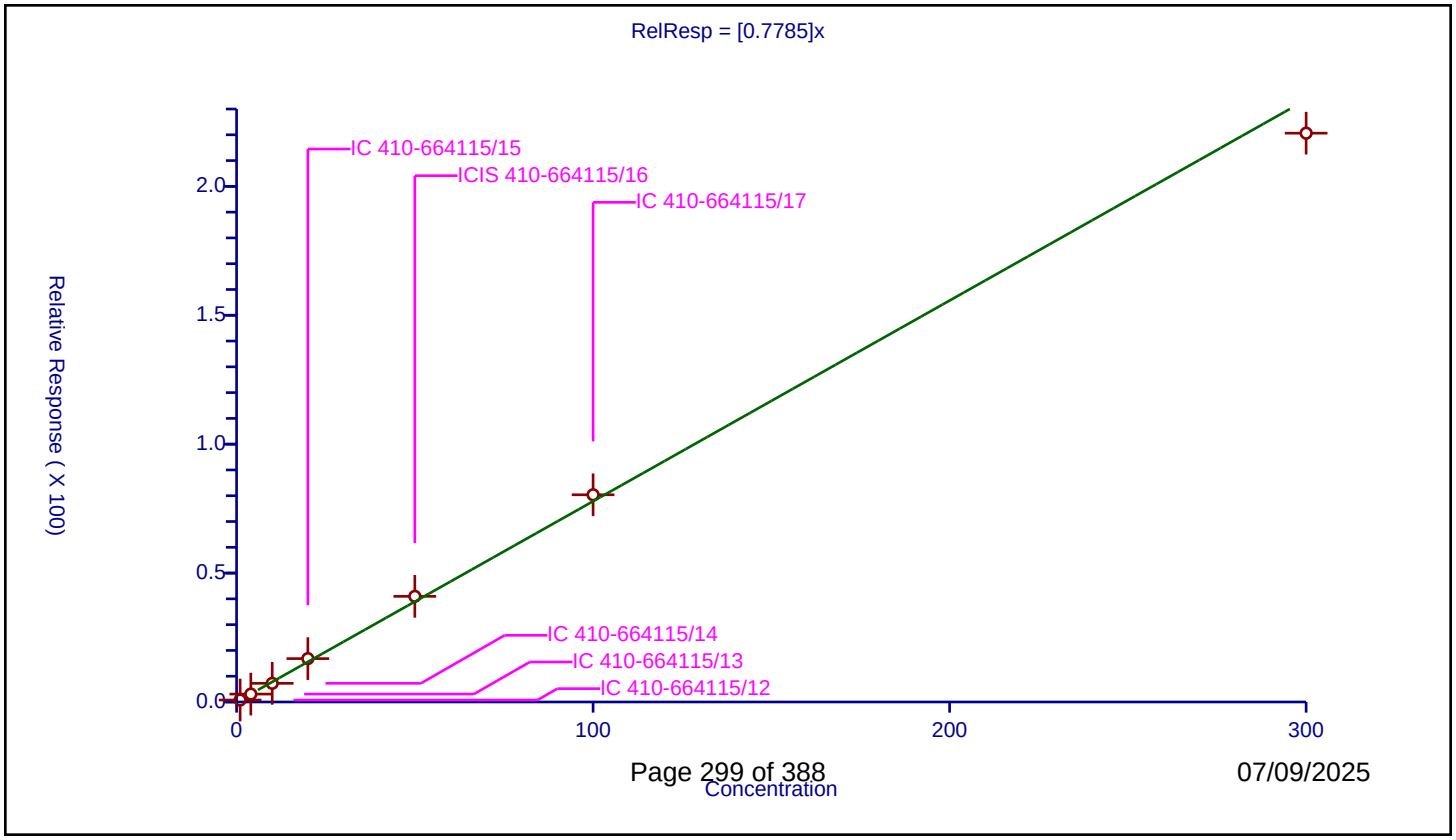
Curve Coefficients

Intercept:	0
Slope:	0.7785

Error Coefficients

Relative Standard Deviation:	5.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.76	50.0	499013.0	0.76	Y
2	IC 410-664115/13	4.0	3.063706	50.0	518147.0	0.765926	Y
3	IC 410-664115/14	10.0	7.240044	50.0	512780.0	0.724004	Y
4	IC 410-664115/15	20.0	16.824749	50.0	524938.0	0.841237	Y
5	ICIS 410-664115/16	50.0	40.973907	50.0	528069.0	0.819478	Y
6	IC 410-664115/17	100.0	80.374564	50.0	539774.0	0.803746	Y
7	IC 410-664115/18	300.0	220.631233	50.0	610361.0	0.735437	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

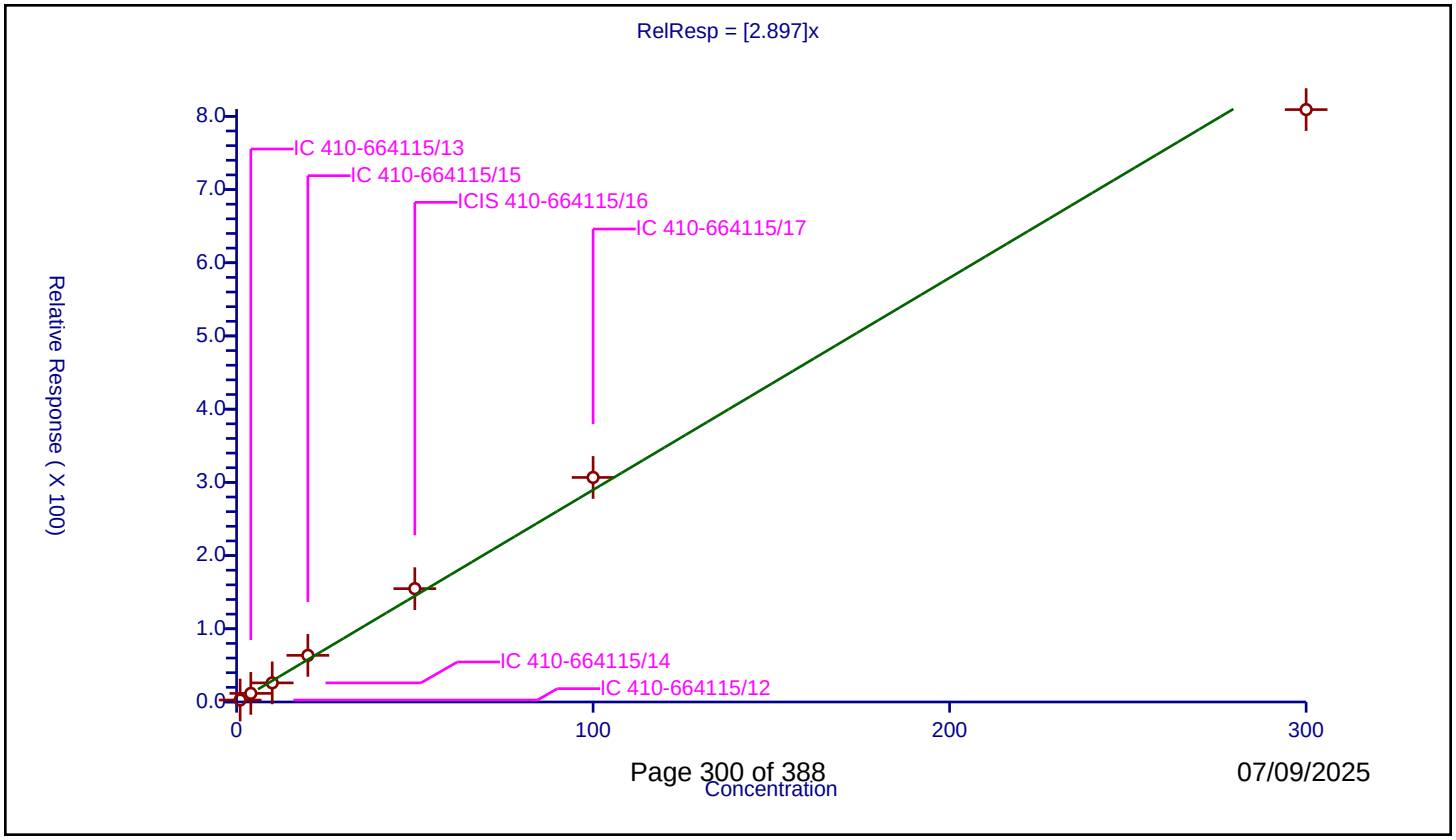
Curve Coefficients

Intercept:	0
Slope:	2.897

Error Coefficients

Relative Standard Deviation:	7.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	2.688307	50.0	499013.0	2.688307	Y
2	IC 410-664115/13	4.0	11.740105	50.0	518147.0	2.935026	Y
3	IC 410-664115/14	10.0	26.105152	50.0	512780.0	2.610515	Y
4	IC 410-664115/15	20.0	63.683521	50.0	524938.0	3.184176	Y
5	ICIS 410-664115/16	50.0	154.821245	50.0	528069.0	3.096425	Y
6	IC 410-664115/17	100.0	306.726889	50.0	539774.0	3.067269	Y
7	IC 410-664115/18	300.0	809.195214	50.0	610361.0	2.697317	Y



Calibration / 4-Chlorotoluene

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

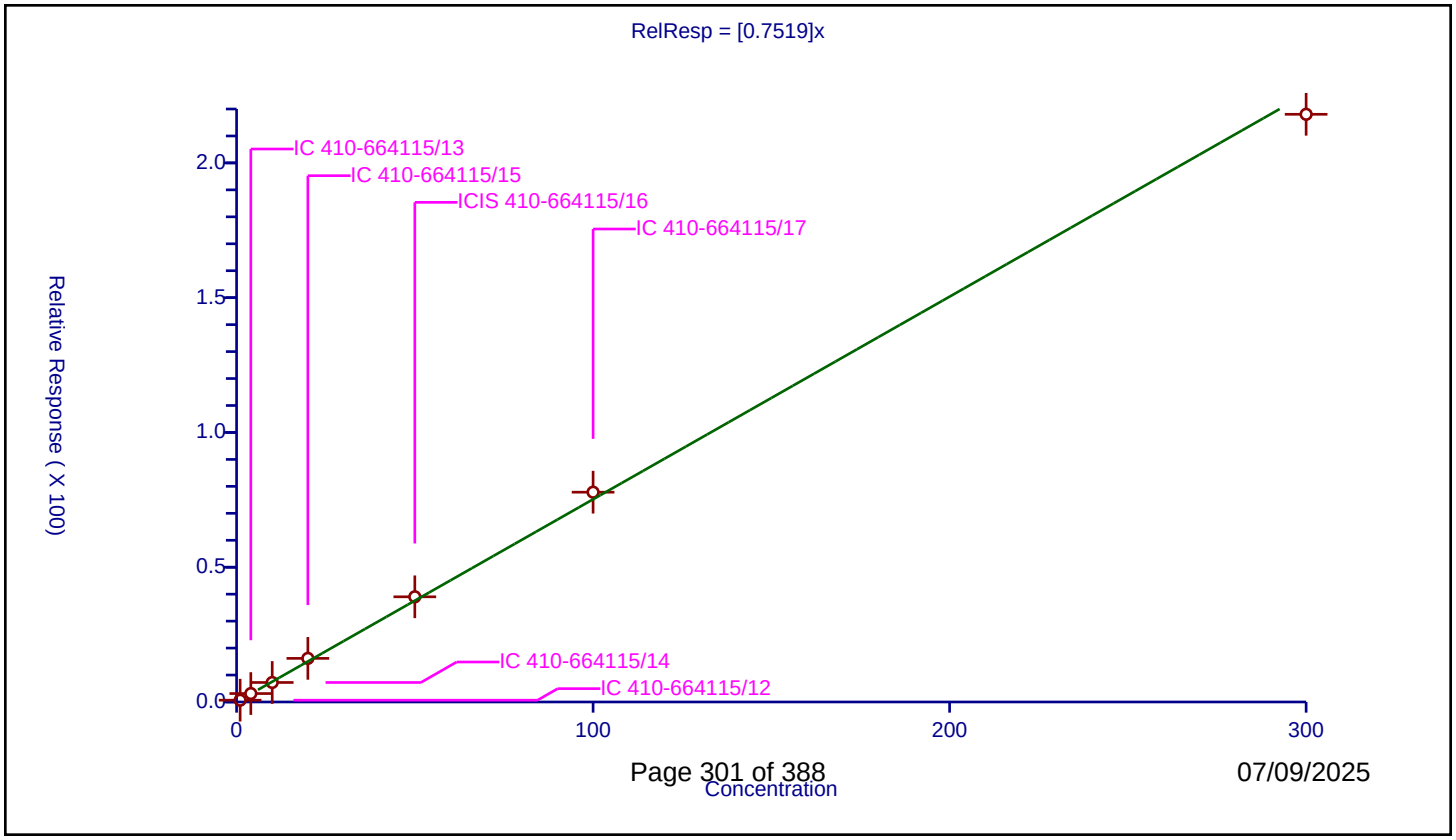
Curve Coefficients

Intercept:	0
Slope:	0.7519

Error Coefficients

Relative Standard Deviation:	6.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.663009	50.0	499013.0	0.663009	Y
2	IC 410-664115/13	4.0	3.128552	50.0	518147.0	0.782138	Y
3	IC 410-664115/14	10.0	7.237119	50.0	512780.0	0.723712	Y
4	IC 410-664115/15	20.0	16.180292	50.0	524938.0	0.809015	Y
5	ICIS 410-664115/16	50.0	39.028044	50.0	528069.0	0.780561	Y
6	IC 410-664115/17	100.0	77.838225	50.0	539774.0	0.778382	Y
7	IC 410-664115/18	300.0	218.036293	50.0	610361.0	0.726788	Y



Calibration / tert-Butylbenzene

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

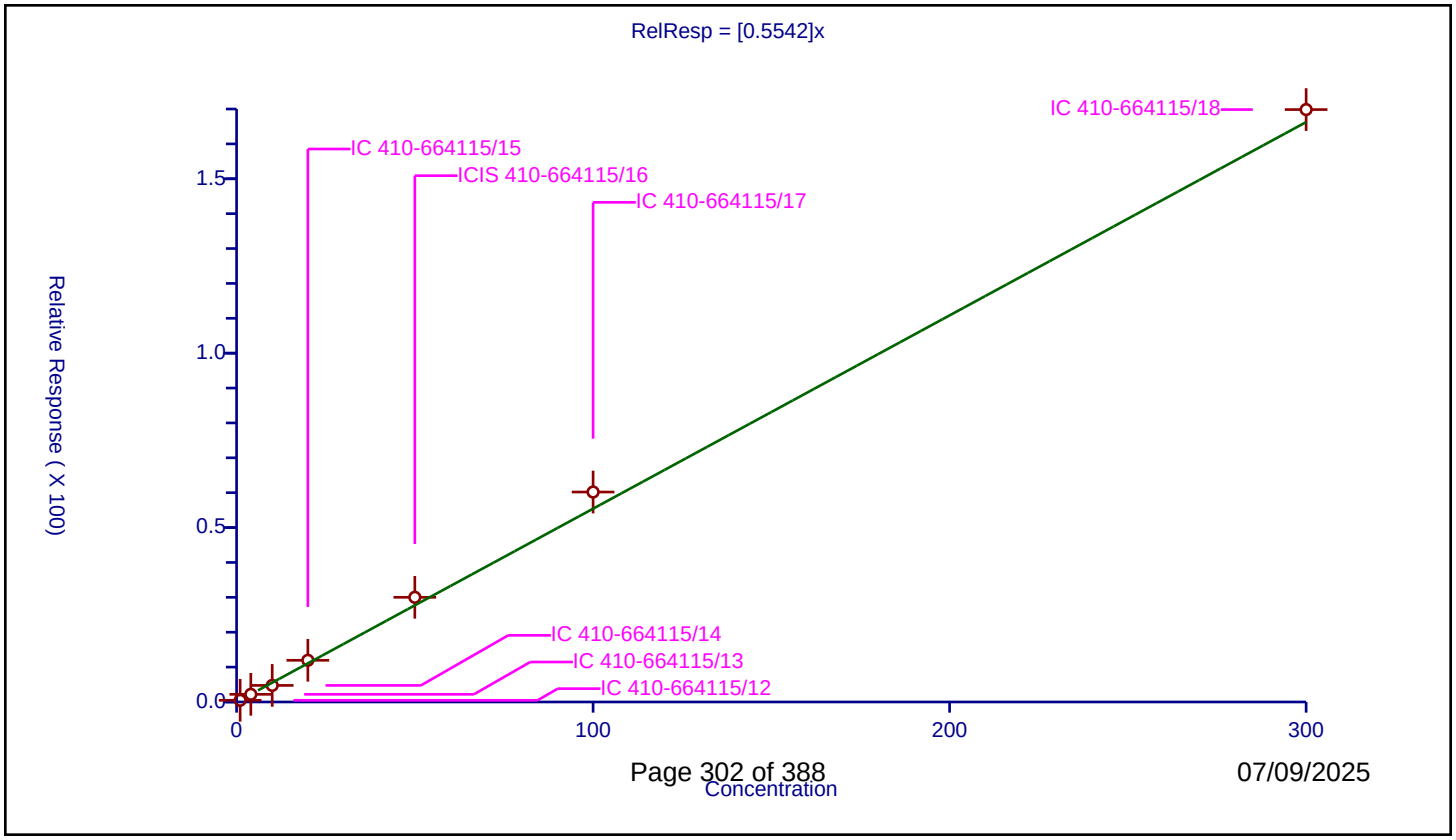
Curve Coefficients

Intercept:	0
Slope:	0.5542

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.488965	50.0	499013.0	0.488965	Y
2	IC 410-664115/13	4.0	2.196481	50.0	518147.0	0.54912	Y
3	IC 410-664115/14	10.0	4.750673	50.0	512780.0	0.475067	Y
4	IC 410-664115/15	20.0	11.953031	50.0	524938.0	0.597652	Y
5	ICIS 410-664115/16	50.0	30.011135	50.0	528069.0	0.600223	Y
6	IC 410-664115/17	100.0	60.196768	50.0	539774.0	0.601968	Y
7	IC 410-664115/18	300.0	169.840881	50.0	610361.0	0.566136	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

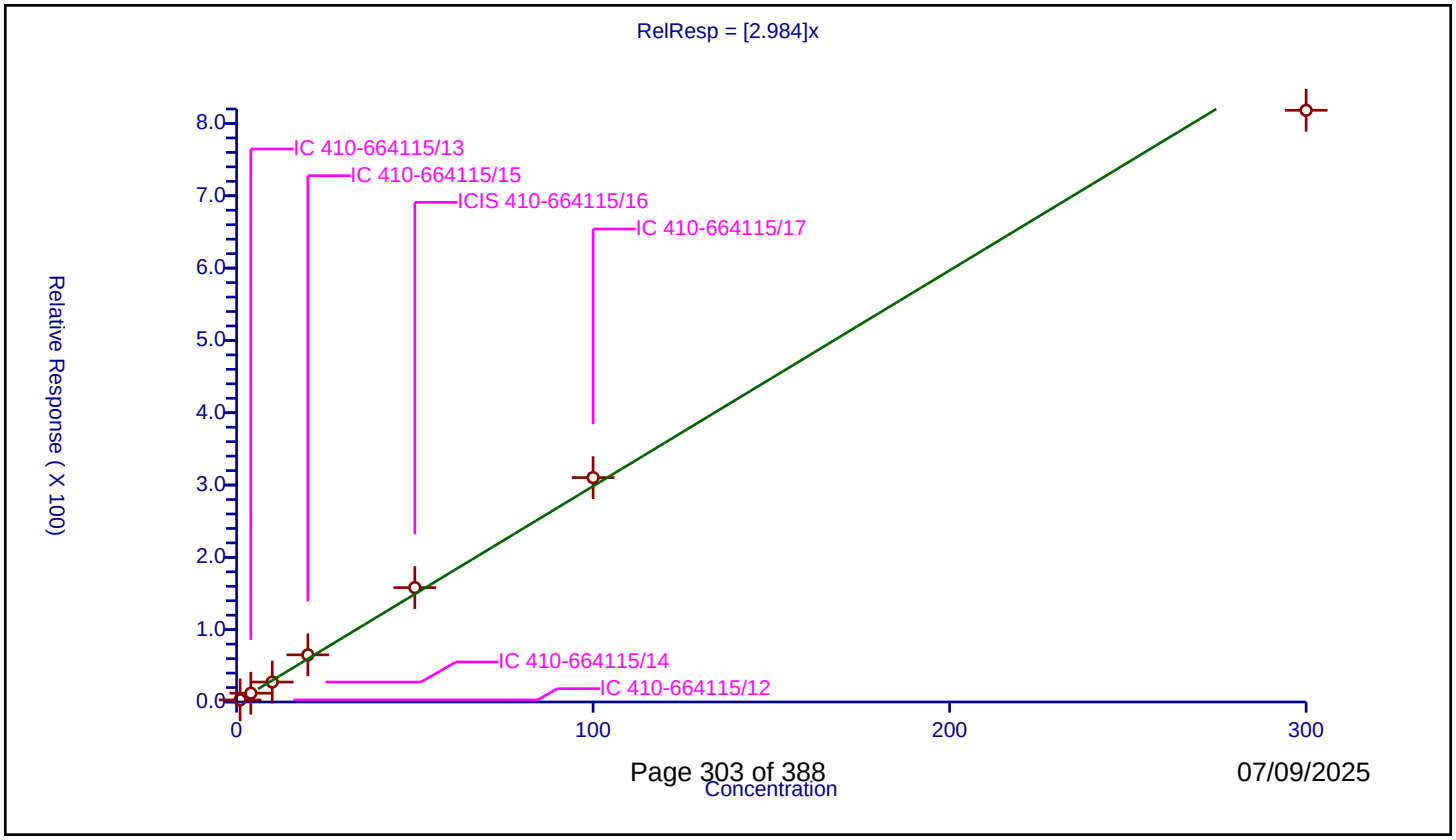
Curve Coefficients

Intercept:	0
Slope:	2.984

Error Coefficients

Relative Standard Deviation:	7.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	2.843413	50.0	499013.0	2.843413	Y
2	IC 410-664115/13	4.0	12.137579	50.0	518147.0	3.034395	Y
3	IC 410-664115/14	10.0	27.580541	50.0	512780.0	2.758054	Y
4	IC 410-664115/15	20.0	65.169315	50.0	524938.0	3.258466	Y
5	ICIS 410-664115/16	50.0	158.164937	50.0	528069.0	3.163299	Y
6	IC 410-664115/17	100.0	310.306073	50.0	539774.0	3.103061	Y
7	IC 410-664115/18	300.0	818.219545	50.0	610361.0	2.727398	Y



Calibration / sec-Butylbenzene

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

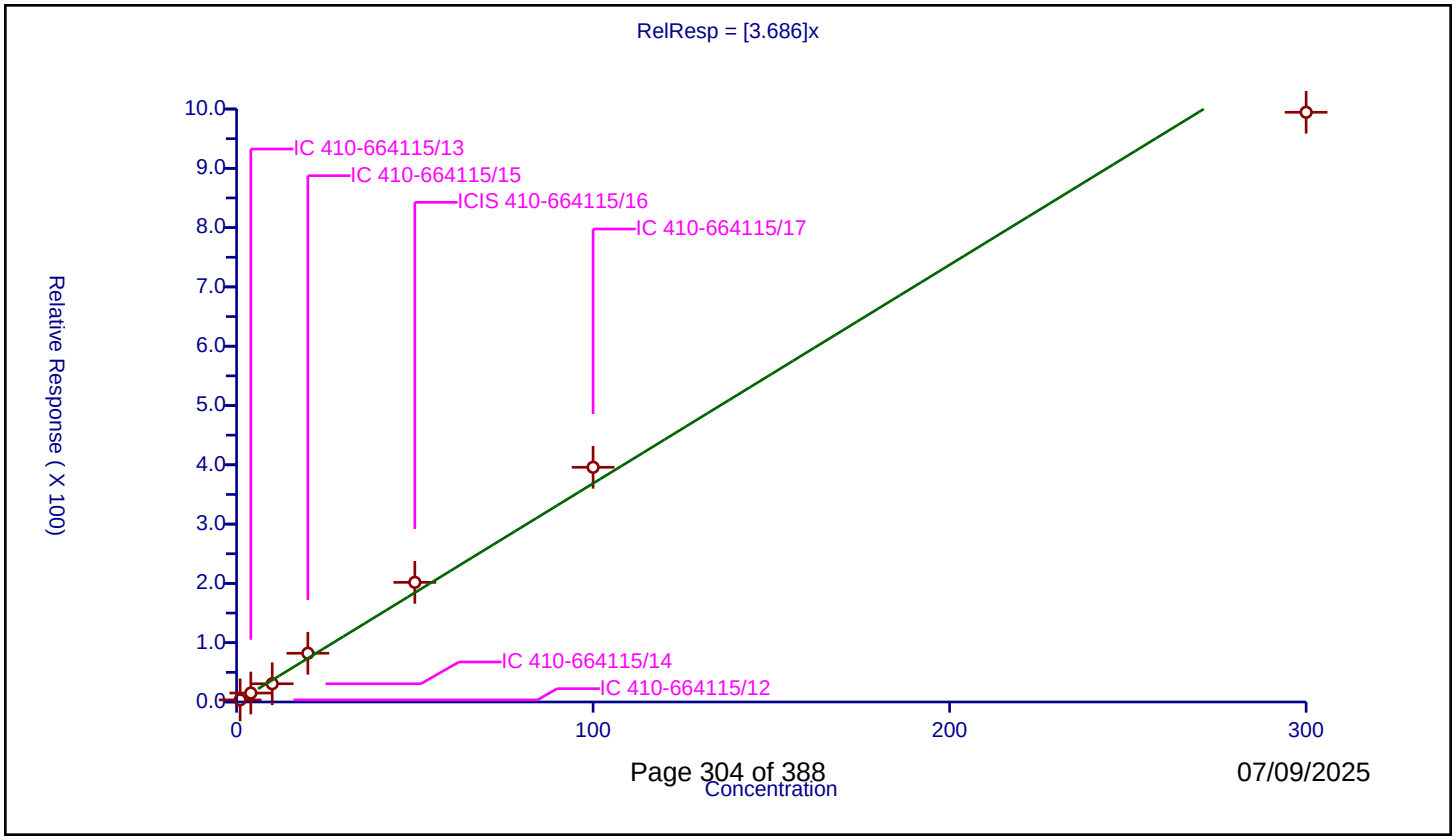
Curve Coefficients

Intercept:	0
Slope:	3.686

Error Coefficients

Relative Standard Deviation:	10.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.535479	50.0	499013.0	3.535479	Y
2	IC 410-664115/13	4.0	15.102471	50.0	518147.0	3.775618	Y
3	IC 410-664115/14	10.0	30.739303	50.0	512780.0	3.07393	Y
4	IC 410-664115/15	20.0	82.178657	50.0	524938.0	4.108933	Y
5	ICIS 410-664115/16	50.0	201.740682	50.0	528069.0	4.034814	Y
6	IC 410-664115/17	100.0	395.804726	50.0	539774.0	3.958047	Y
7	IC 410-664115/18	300.0	994.524142	50.0	610361.0	3.31508	Y



Calibration / 1,3-Dichlorobenzene

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

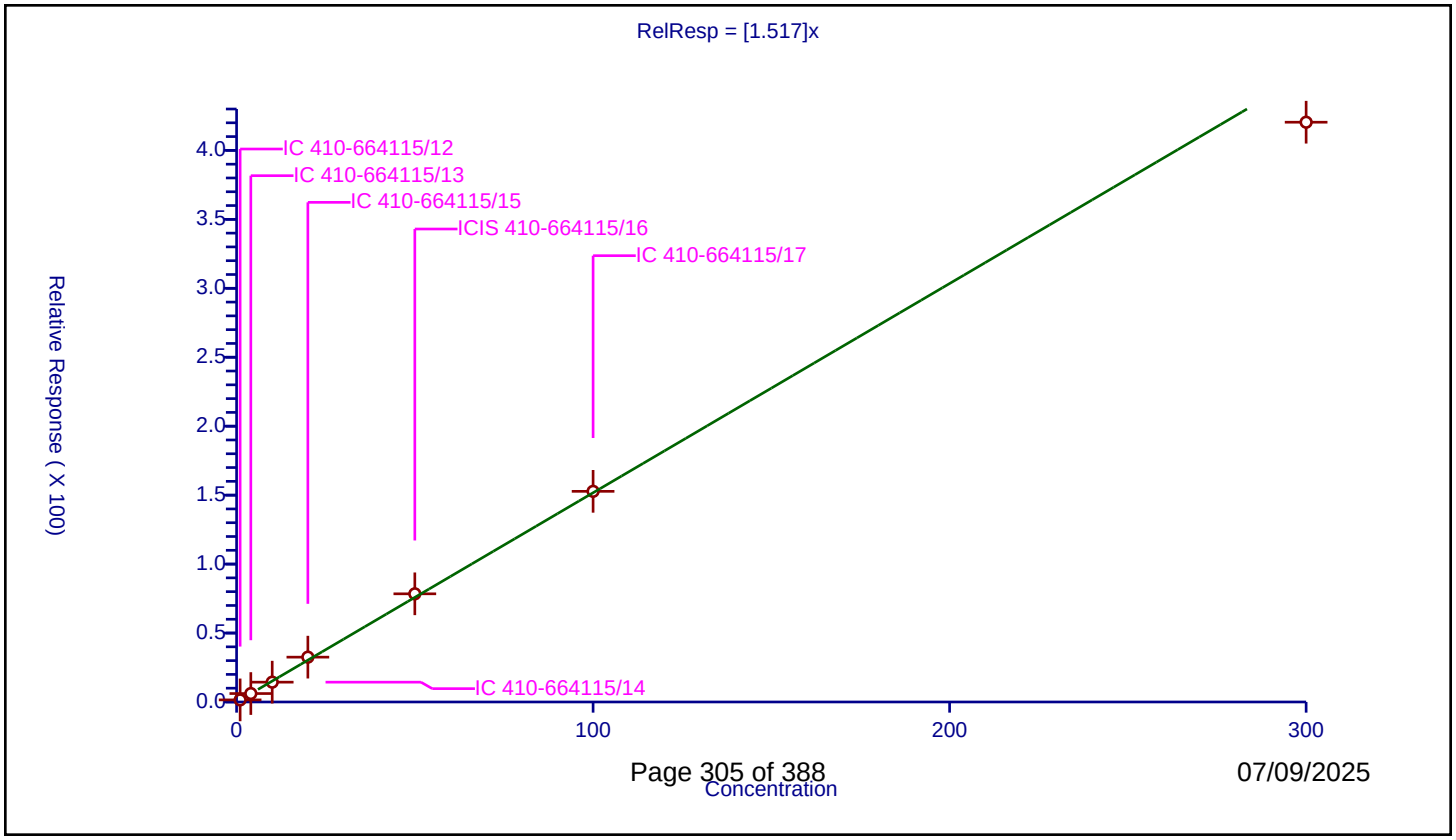
Curve Coefficients

Intercept:	0
Slope:	1.517

Error Coefficients

Relative Standard Deviation:	5.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.527215	50.0	499013.0	1.527215	Y
2	IC 410-664115/13	4.0	6.124227	50.0	518147.0	1.531057	Y
3	IC 410-664115/14	10.0	14.384336	50.0	512780.0	1.438434	Y
4	IC 410-664115/15	20.0	32.520126	50.0	524938.0	1.626006	Y
5	ICIS 410-664115/16	50.0	78.437572	50.0	528069.0	1.568751	Y
6	IC 410-664115/17	100.0	152.766065	50.0	539774.0	1.527661	Y
7	IC 410-664115/18	300.0	420.421193	50.0	610361.0	1.401404	Y



Calibration / 4-Isopropyltoluene

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

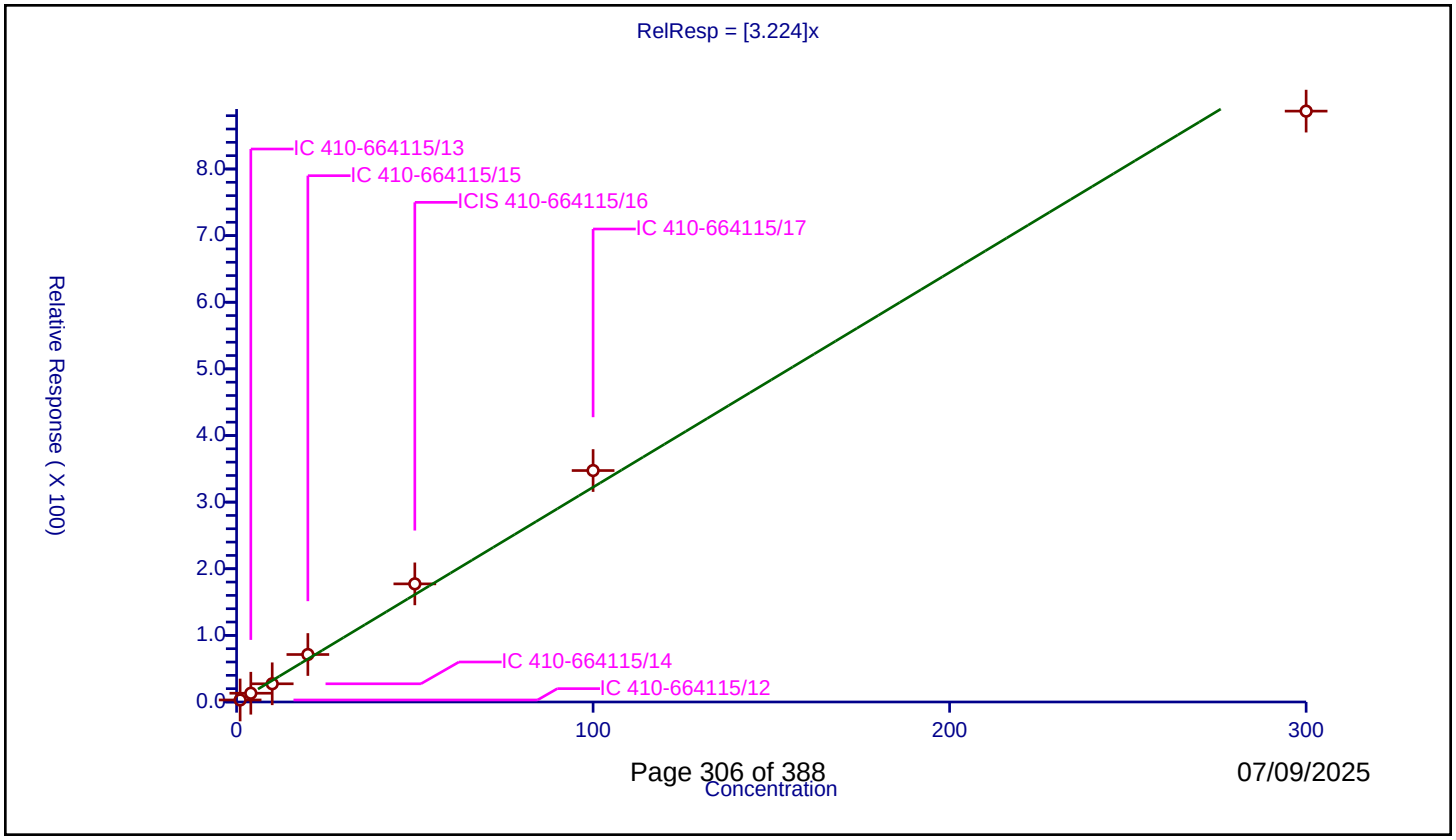
Curve Coefficients

Intercept:	0
Slope:	3.224

Error Coefficients

Relative Standard Deviation:	10.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.010843	50.0	499013.0	3.010843	Y
2	IC 410-664115/13	4.0	13.135944	50.0	518147.0	3.283986	Y
3	IC 410-664115/14	10.0	27.318441	50.0	512780.0	2.731844	Y
4	IC 410-664115/15	20.0	71.265464	50.0	524938.0	3.563273	Y
5	ICIS 410-664115/16	50.0	177.297664	50.0	528069.0	3.545953	Y
6	IC 410-664115/17	100.0	347.407433	50.0	539774.0	3.474074	Y
7	IC 410-664115/18	300.0	886.829843	50.0	610361.0	2.956099	Y



Calibration / 1,4-Dichlorobenzene

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

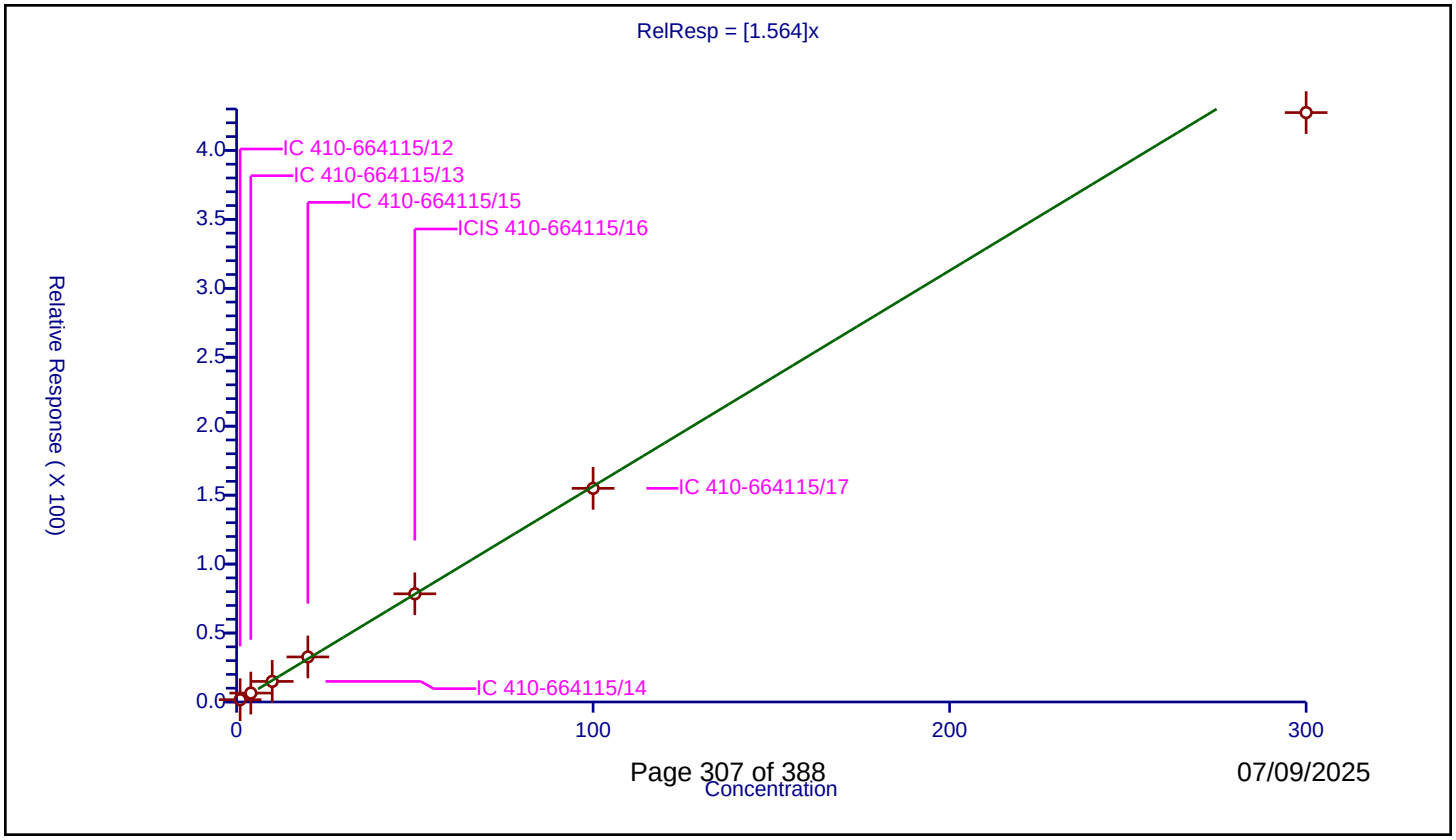
Curve Coefficients

Intercept:	0
Slope:	1.564

Error Coefficients

Relative Standard Deviation:	5.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.664886	50.0	499013.0	1.664886	Y
2	IC 410-664115/13	4.0	6.468724	50.0	518147.0	1.617181	Y
3	IC 410-664115/14	10.0	14.913511	50.0	512780.0	1.491351	Y
4	IC 410-664115/15	20.0	32.666239	50.0	524938.0	1.633312	Y
5	ICIS 410-664115/16	50.0	78.434258	50.0	528069.0	1.568685	Y
6	IC 410-664115/17	100.0	154.921597	50.0	539774.0	1.549216	Y
7	IC 410-664115/18	300.0	427.415906	50.0	610361.0	1.42472	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

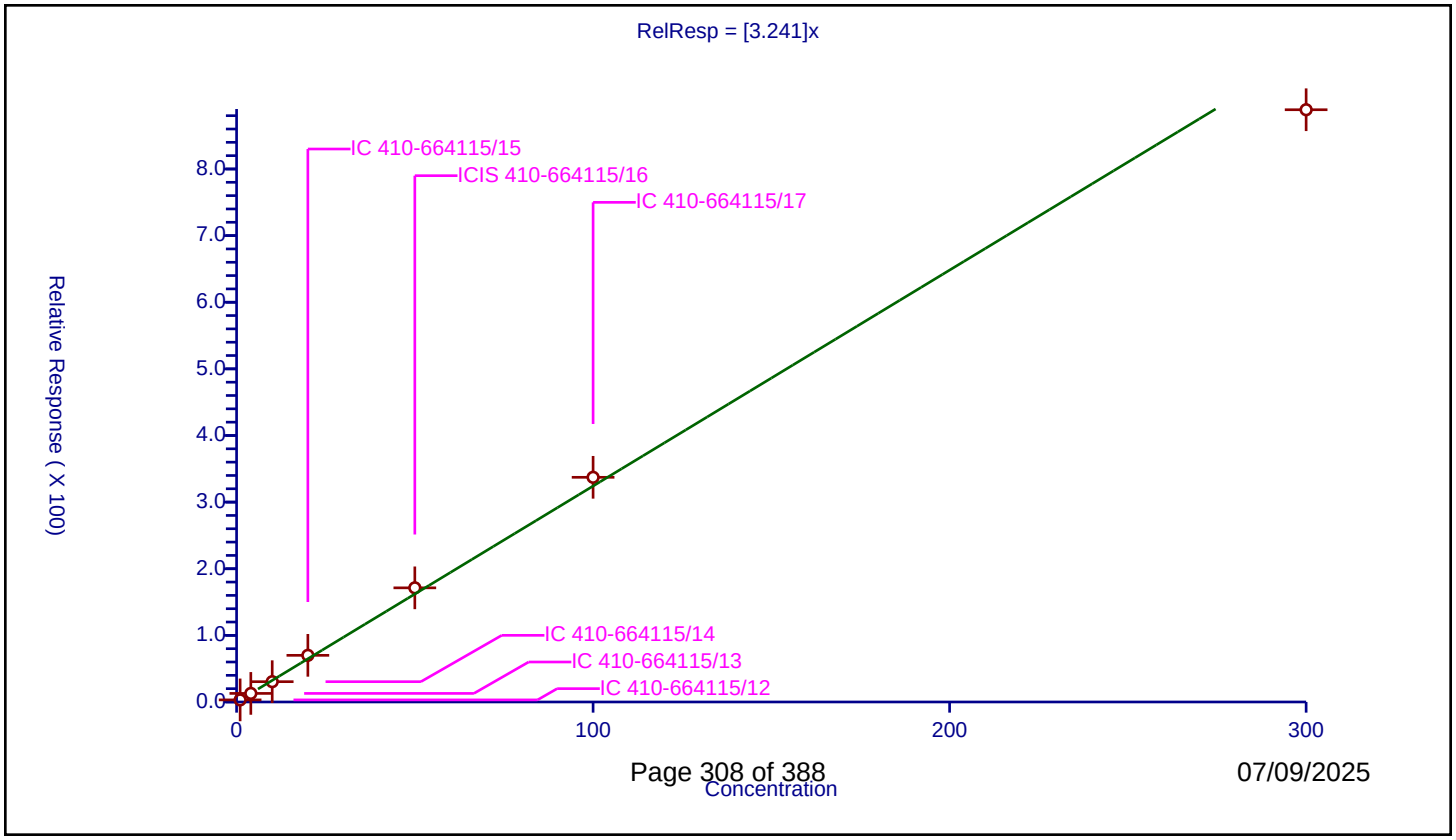
Curve Coefficients

Intercept:	0
Slope:	3.241

Error Coefficients

Relative Standard Deviation:	6.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	3.157333	50.0	499013.0	3.157333	Y
2	IC 410-664115/13	4.0	12.879164	50.0	518147.0	3.219791	Y
3	IC 410-664115/14	10.0	30.461016	50.0	512780.0	3.046102	Y
4	IC 410-664115/15	20.0	70.036652	50.0	524938.0	3.501833	Y
5	ICIS 410-664115/16	50.0	171.328841	50.0	528069.0	3.426577	Y
6	IC 410-664115/17	100.0	337.222337	50.0	539774.0	3.372223	Y
7	IC 410-664115/18	300.0	888.938432	50.0	610361.0	2.963128	Y



Calibration / Benzyl chloride

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

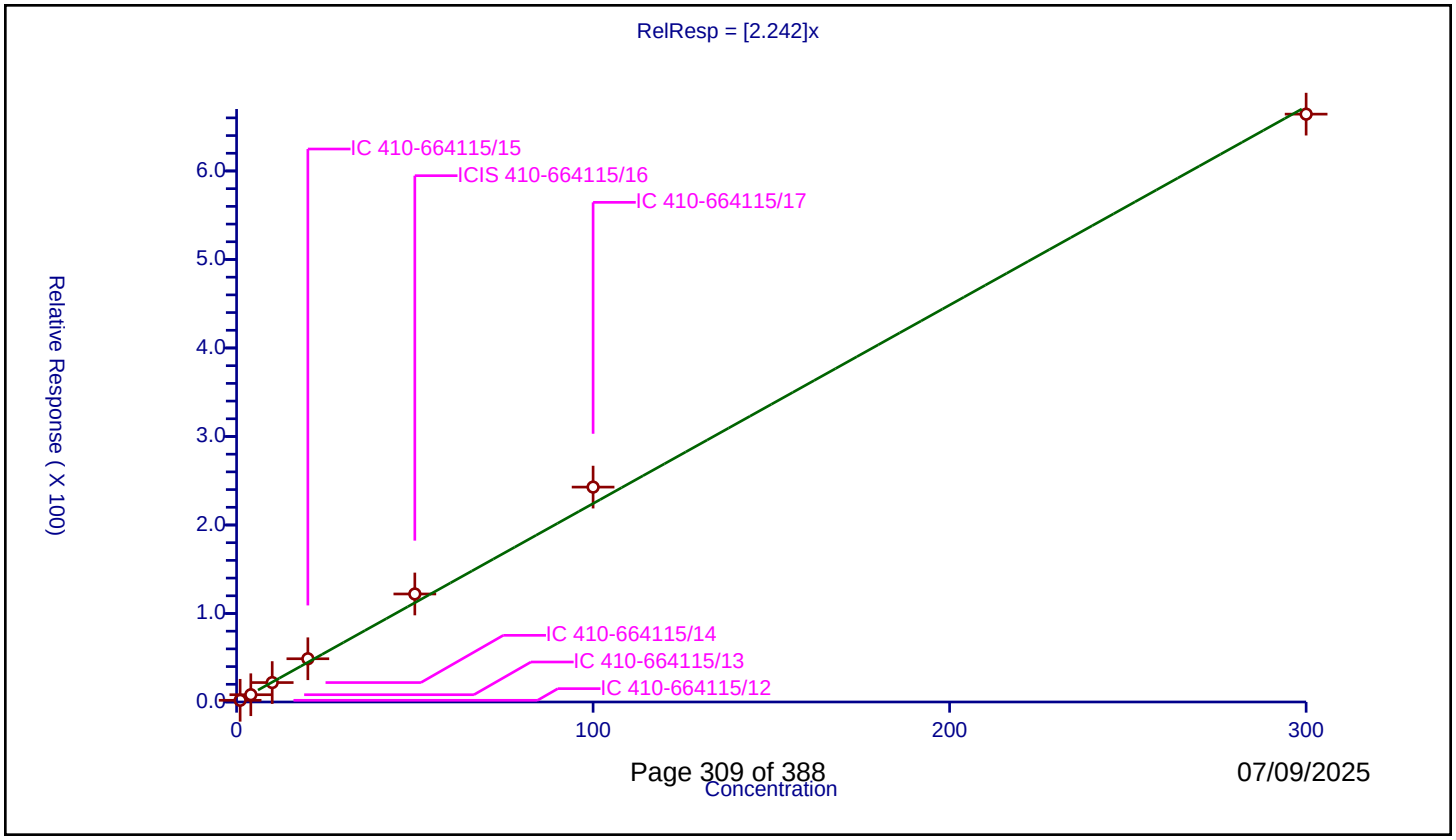
Curve Coefficients

Intercept:	0
Slope:	2.242

Error Coefficients

Relative Standard Deviation:	9.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.9251	50.0	499013.0	1.9251	Y
2	IC 410-664115/13	4.0	8.204042	50.0	518147.0	2.051011	Y
3	IC 410-664115/14	10.0	21.948789	50.0	512780.0	2.194879	Y
4	IC 410-664115/15	20.0	48.845197	50.0	524938.0	2.44226	Y
5	ICIS 410-664115/16	50.0	122.057913	50.0	528069.0	2.441158	Y
6	IC 410-664115/17	100.0	242.80032	50.0	539774.0	2.428003	Y
7	IC 410-664115/18	300.0	664.218225	50.0	610361.0	2.214061	Y



Calibration / 1,3-Diethylbenzene

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

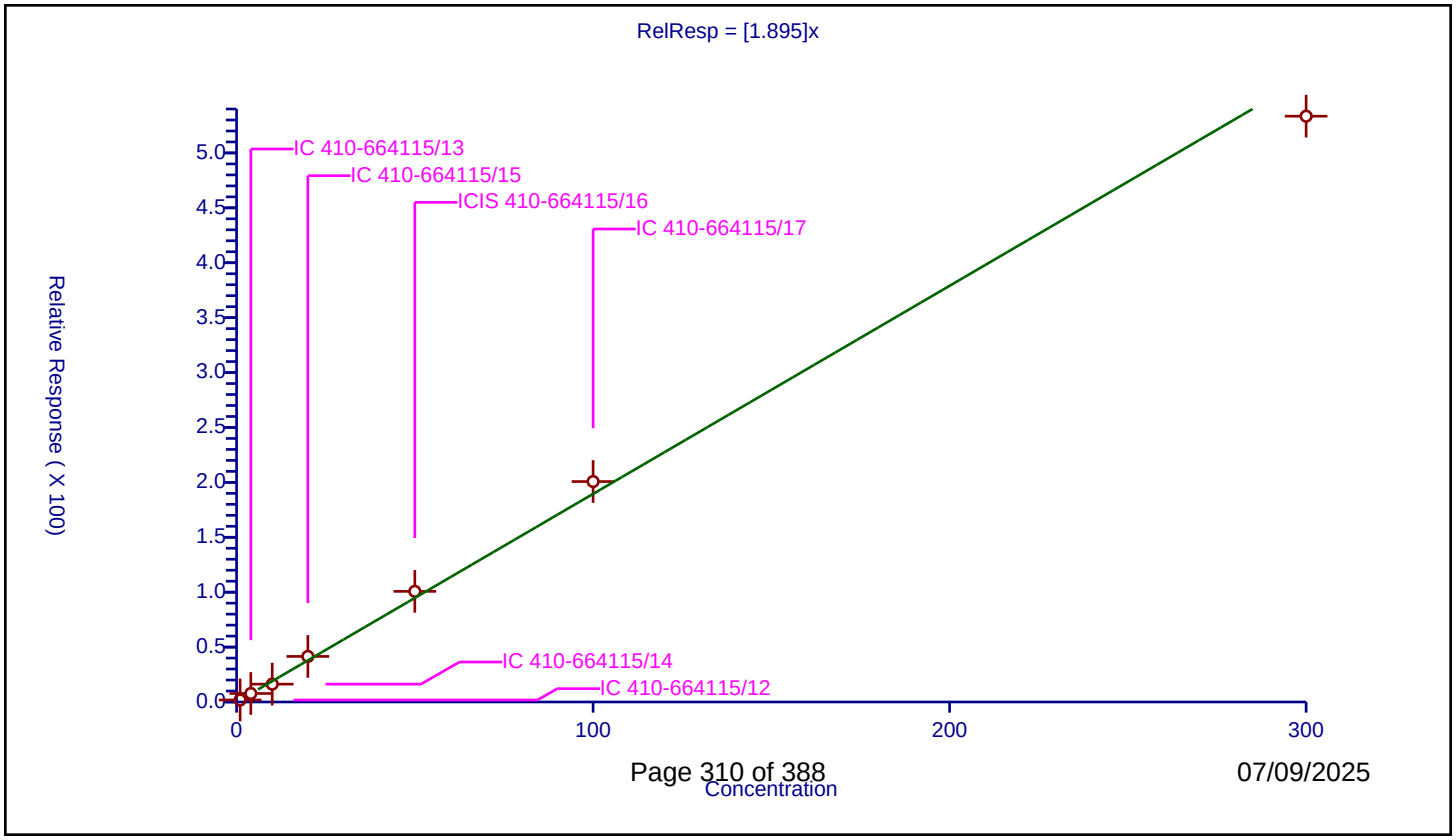
Curve Coefficients

Intercept:	0
Slope:	1.895

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.830814	50.0	499013.0	1.830814	Y
2	IC 410-664115/13	4.0	7.733616	50.0	518147.0	1.933404	Y
3	IC 410-664115/14	10.0	16.255412	50.0	512780.0	1.625541	Y
4	IC 410-664115/15	20.0	41.493567	50.0	524938.0	2.074678	Y
5	ICIS 410-664115/16	50.0	100.748766	50.0	528069.0	2.014975	Y
6	IC 410-664115/17	100.0	200.737624	50.0	539774.0	2.007376	Y
7	IC 410-664115/18	300.0	533.471175	50.0	610361.0	1.778237	Y



Calibration / p-Diethylbenzene

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

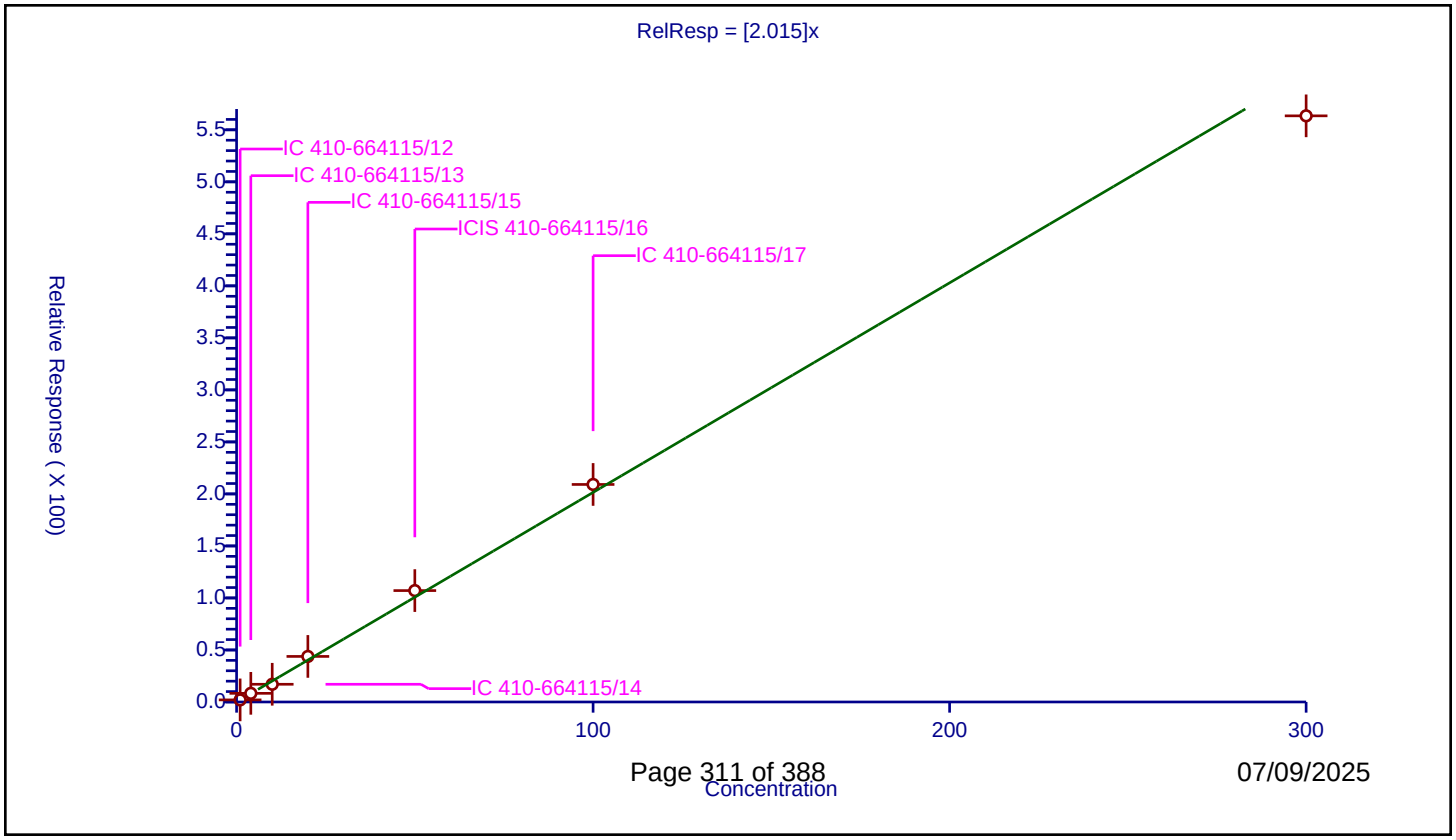
Curve Coefficients

Intercept:	0
Slope:	2.015

Error Coefficients

Relative Standard Deviation:	8.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	2.017182	50.0	499013.0	2.017182	Y
2	IC 410-664115/13	4.0	8.32534	50.0	518147.0	2.081335	Y
3	IC 410-664115/14	10.0	17.02348	50.0	512780.0	1.702348	Y
4	IC 410-664115/15	20.0	43.796982	50.0	524938.0	2.189849	Y
5	ICIS 410-664115/16	50.0	107.082976	50.0	528069.0	2.14166	Y
6	IC 410-664115/17	100.0	209.110016	50.0	539774.0	2.0911	Y
7	IC 410-664115/18	300.0	563.445731	50.0	610361.0	1.878152	Y



Calibration / n-Butylbenzene

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

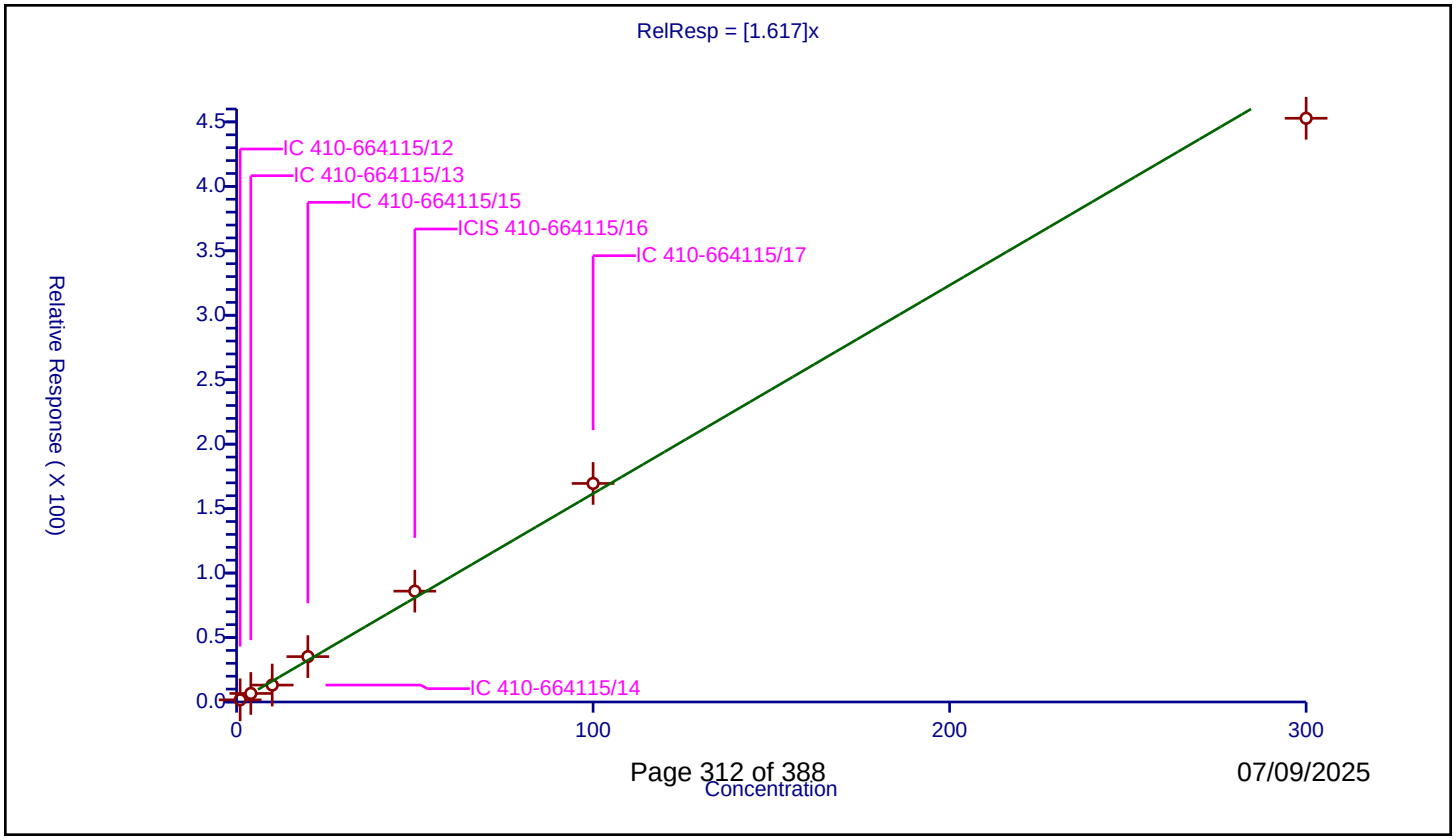
Curve Coefficients

Intercept:	0
Slope:	1.617

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.661881	50.0	499013.0	1.661881	Y
2	IC 410-664115/13	4.0	6.624664	50.0	518147.0	1.656166	Y
3	IC 410-664115/14	10.0	13.132045	50.0	512780.0	1.313204	Y
4	IC 410-664115/15	20.0	35.194728	50.0	524938.0	1.759736	Y
5	ICIS 410-664115/16	50.0	85.99416	50.0	528069.0	1.719883	Y
6	IC 410-664115/17	100.0	169.539381	50.0	539774.0	1.695394	Y
7	IC 410-664115/18	300.0	452.82038	50.0	610361.0	1.509401	Y



Calibration / 1,2-Dichlorobenzene

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

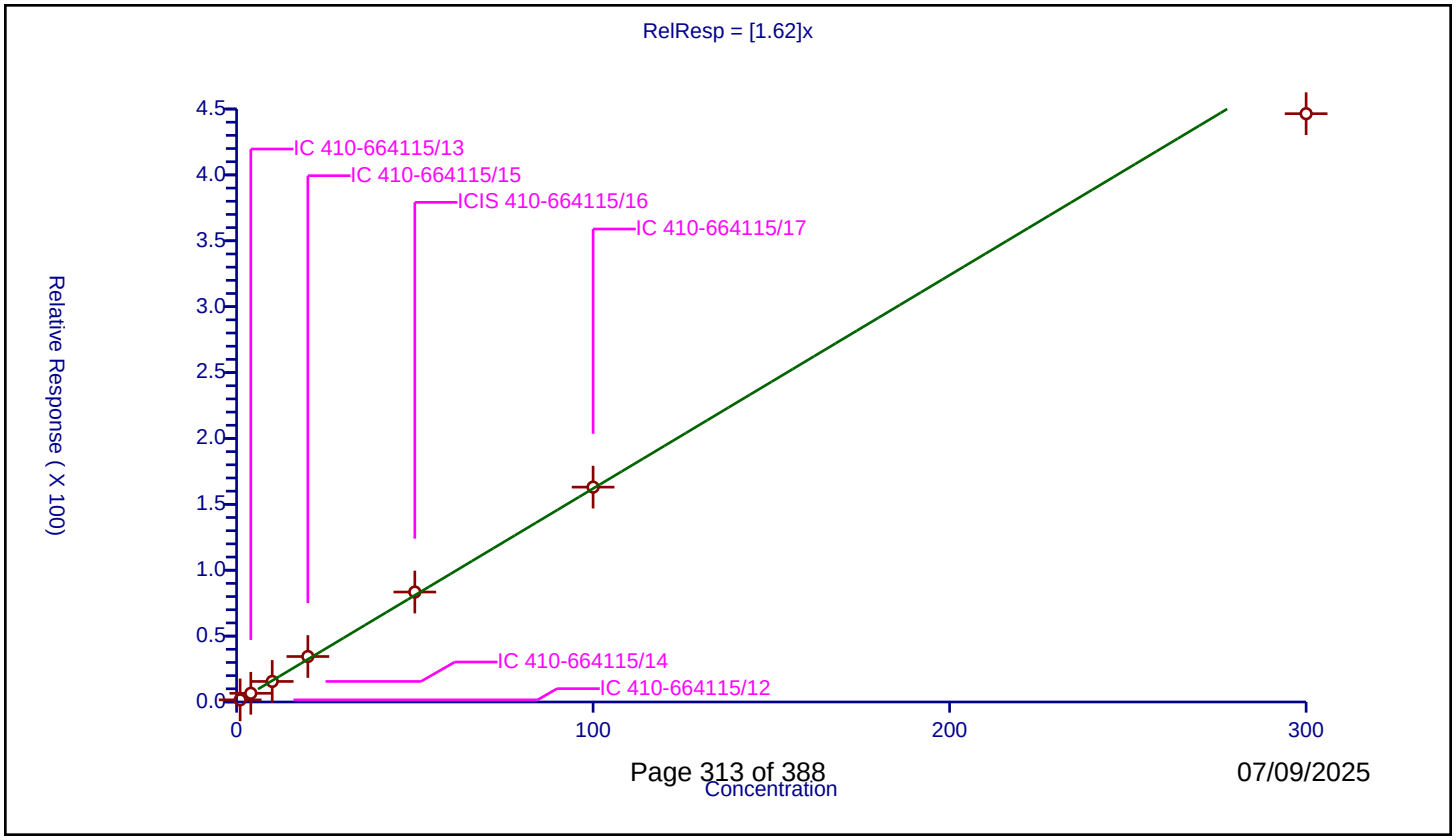
Curve Coefficients

Intercept:	0
Slope:	1.62

Error Coefficients

Relative Standard Deviation:	4.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.612082	50.0	499013.0	1.612082	Y
2	IC 410-664115/13	4.0	6.611444	50.0	518147.0	1.652861	Y
3	IC 410-664115/14	10.0	15.594797	50.0	512780.0	1.55948	Y
4	IC 410-664115/15	20.0	34.504551	50.0	524938.0	1.725228	Y
5	ICIS 410-664115/16	50.0	83.440232	50.0	528069.0	1.668805	Y
6	IC 410-664115/17	100.0	163.050554	50.0	539774.0	1.630506	Y
7	IC 410-664115/18	300.0	446.454475	50.0	610361.0	1.488182	Y



Calibration / o-diethylbenzene

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

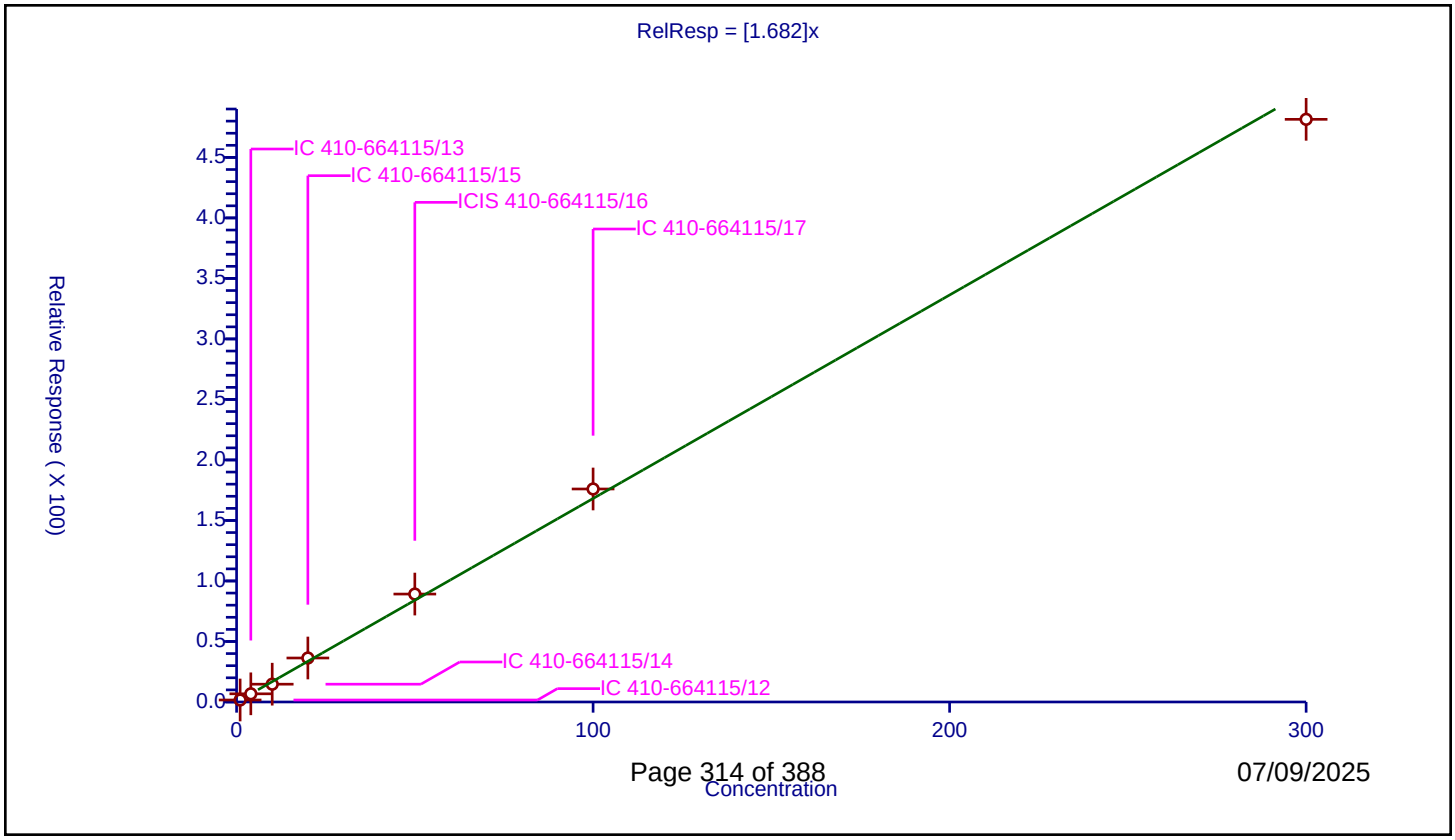
Curve Coefficients

Intercept:	0
Slope:	1.682

Error Coefficients

Relative Standard Deviation:	7.2

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.64645	50.0	499013.0	1.64645	Y
2	IC 410-664115/13	4.0	6.757542	50.0	518147.0	1.689385	Y
3	IC 410-664115/14	10.0	14.698116	50.0	512780.0	1.469812	Y
4	IC 410-664115/15	20.0	36.340101	50.0	524938.0	1.817005	Y
5	ICIS 410-664115/16	50.0	89.18219	50.0	528069.0	1.783644	Y
6	IC 410-664115/17	100.0	176.00329	50.0	539774.0	1.760033	Y
7	IC 410-664115/18	300.0	481.464658	50.0	610361.0	1.604882	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

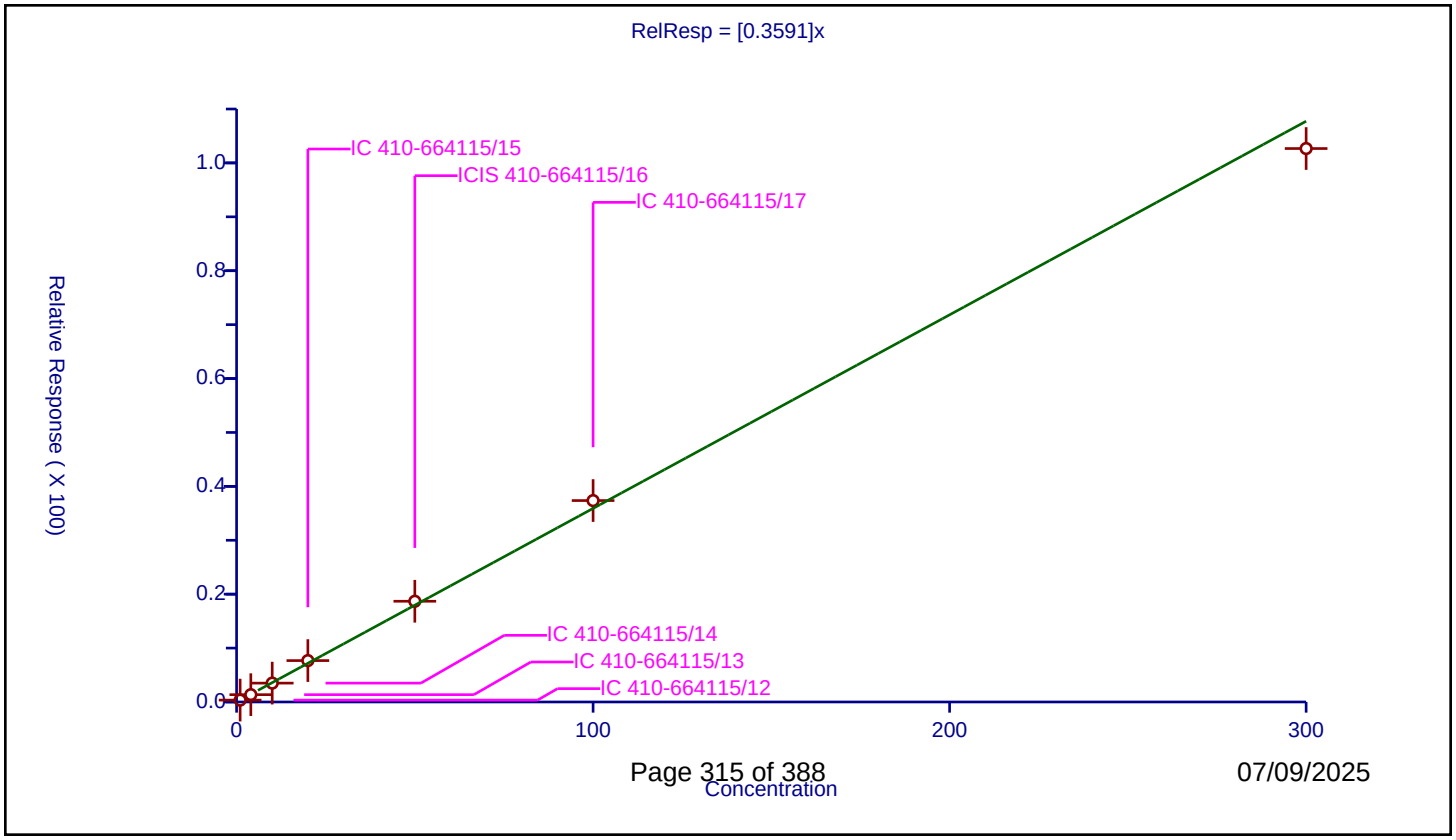
Curve Coefficients

Intercept:	0
Slope:	0.3591

Error Coefficients

Relative Standard Deviation:	4.9

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.350592	50.0	499013.0	0.350592	Y
2	IC 410-664115/13	4.0	1.358688	50.0	518147.0	0.339672	Y
3	IC 410-664115/14	10.0	3.500819	50.0	512780.0	0.350082	Y
4	IC 410-664115/15	20.0	7.678145	50.0	524938.0	0.383907	Y
5	ICIS 410-664115/16	50.0	18.685058	50.0	528069.0	0.373701	Y
6	IC 410-664115/17	100.0	37.363322	50.0	539774.0	0.373633	Y
7	IC 410-664115/18	300.0	102.669813	50.0	610361.0	0.342233	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

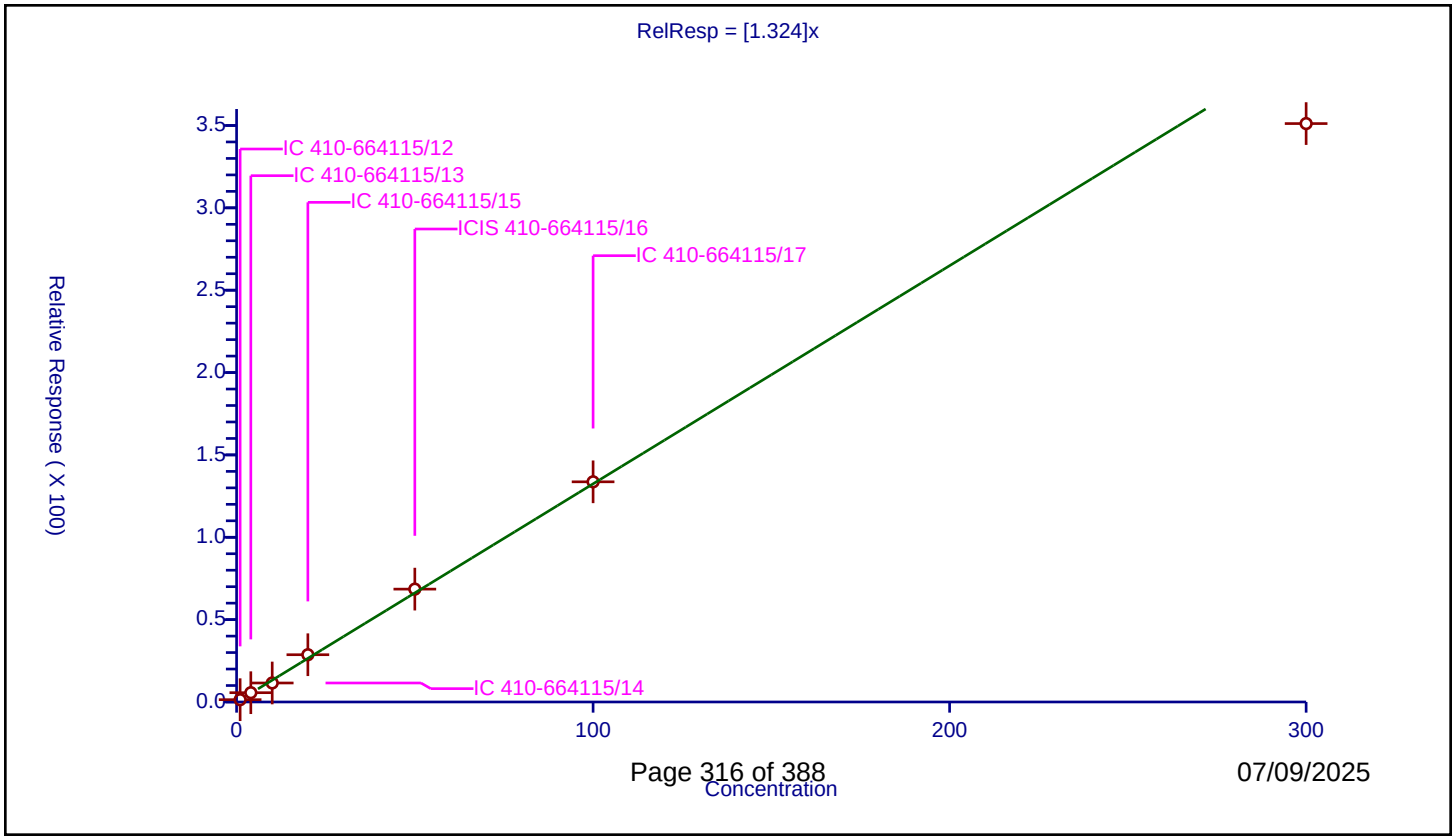
Curve Coefficients

Intercept:	0
Slope:	1.324

Error Coefficients

Relative Standard Deviation:	8.7

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.393751	50.0	499013.0	1.393751	Y
2	IC 410-664115/13	4.0	5.646467	50.0	518147.0	1.411617	Y
3	IC 410-664115/14	10.0	11.533211	50.0	512780.0	1.153321	Y
4	IC 410-664115/15	20.0	28.692627	50.0	524938.0	1.434631	Y
5	ICIS 410-664115/16	50.0	68.515383	50.0	528069.0	1.370308	Y
6	IC 410-664115/17	100.0	133.668535	50.0	539774.0	1.336685	Y
7	IC 410-664115/18	300.0	351.159314	50.0	610361.0	1.170531	Y



Calibration / 1,2,4-Trichlorobenzene

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

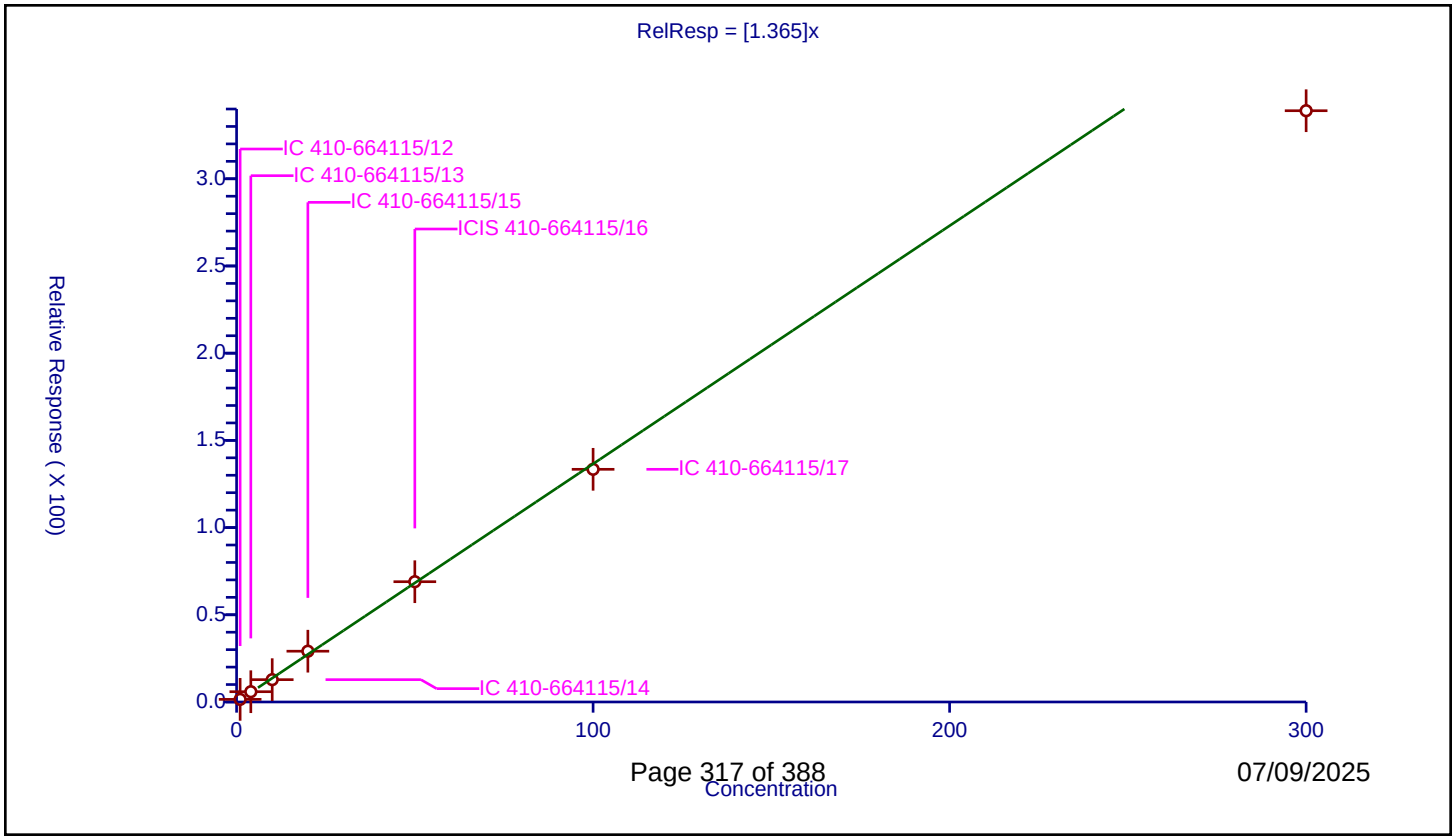
Curve Coefficients

Intercept:	0
Slope:	1.365

Error Coefficients

Relative Standard Deviation:	9.6

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.50477	50.0	499013.0	1.50477	Y
2	IC 410-664115/13	4.0	5.89215	50.0	518147.0	1.473038	Y
3	IC 410-664115/14	10.0	12.799251	50.0	512780.0	1.279925	Y
4	IC 410-664115/15	20.0	29.116296	50.0	524938.0	1.455815	Y
5	ICIS 410-664115/16	50.0	68.970248	50.0	528069.0	1.379405	Y
6	IC 410-664115/17	100.0	133.41806	50.0	539774.0	1.334181	Y
7	IC 410-664115/18	300.0	339.020186	50.0	610361.0	1.130067	Y



07/09/2025

Calibration / 2-Ethylhexyl acrylate

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

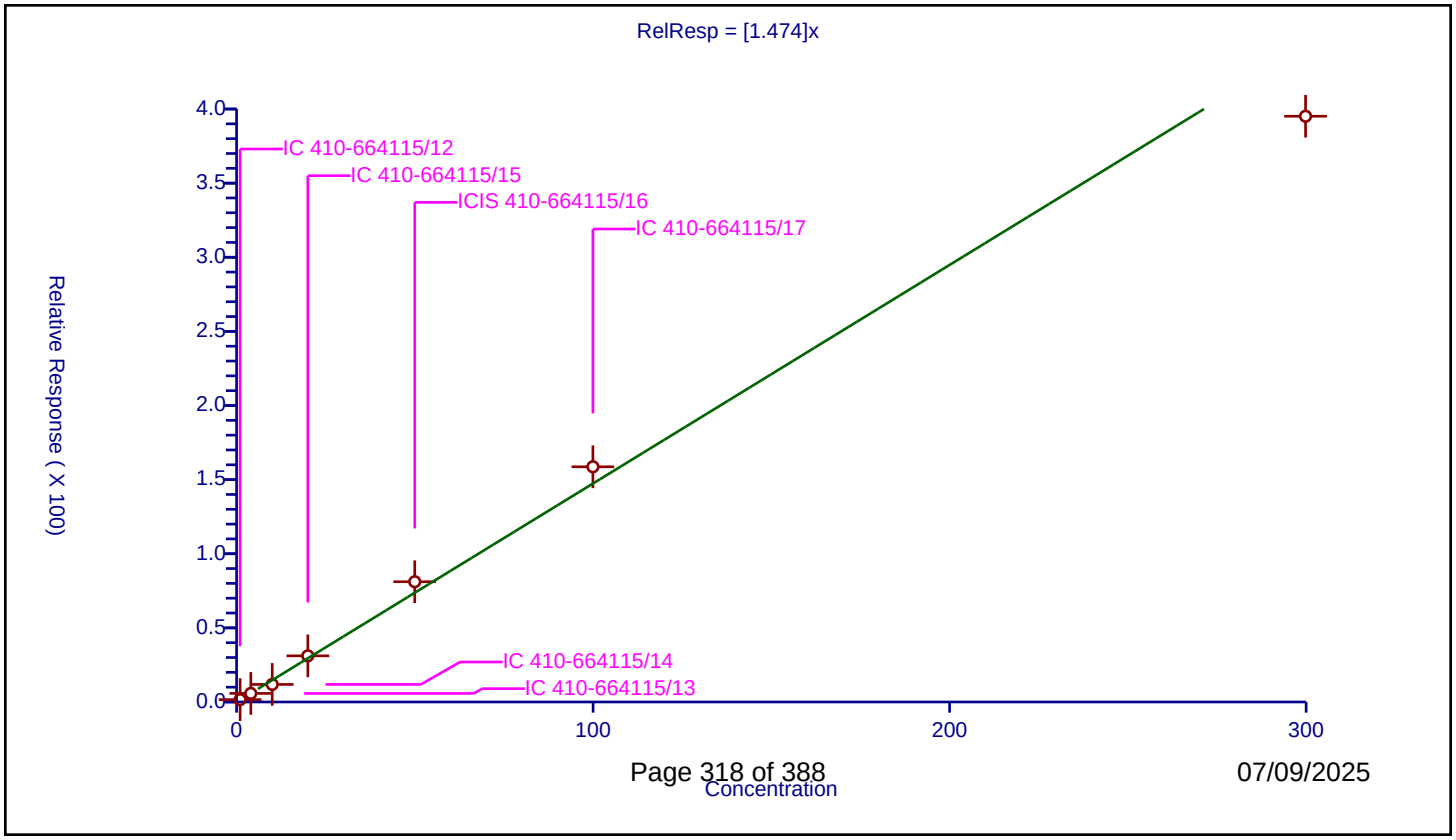
Curve Coefficients

Intercept:	0
Slope:	1.474

Error Coefficients

Relative Standard Deviation:	11.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	0.999472	1.598656	50.0	499013.0	1.599501	Y
2	IC 410-664115/13	3.997886	5.790538	50.0	518147.0	1.4484	Y
3	IC 410-664115/14	9.994716	11.843676	50.0	512780.0	1.184994	Y
4	IC 410-664115/15	19.989432	31.128438	50.0	524938.0	1.557245	Y
5	ICIS 410-664115/16	49.97358	81.119323	50.0	528069.0	1.623244	Y
6	IC 410-664115/17	99.94716	158.675668	50.0	539774.0	1.587596	Y
7	IC 410-664115/18	299.84148	395.120674	50.0	610361.0	1.317765	Y



Calibration / Hexachlorobutadiene

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

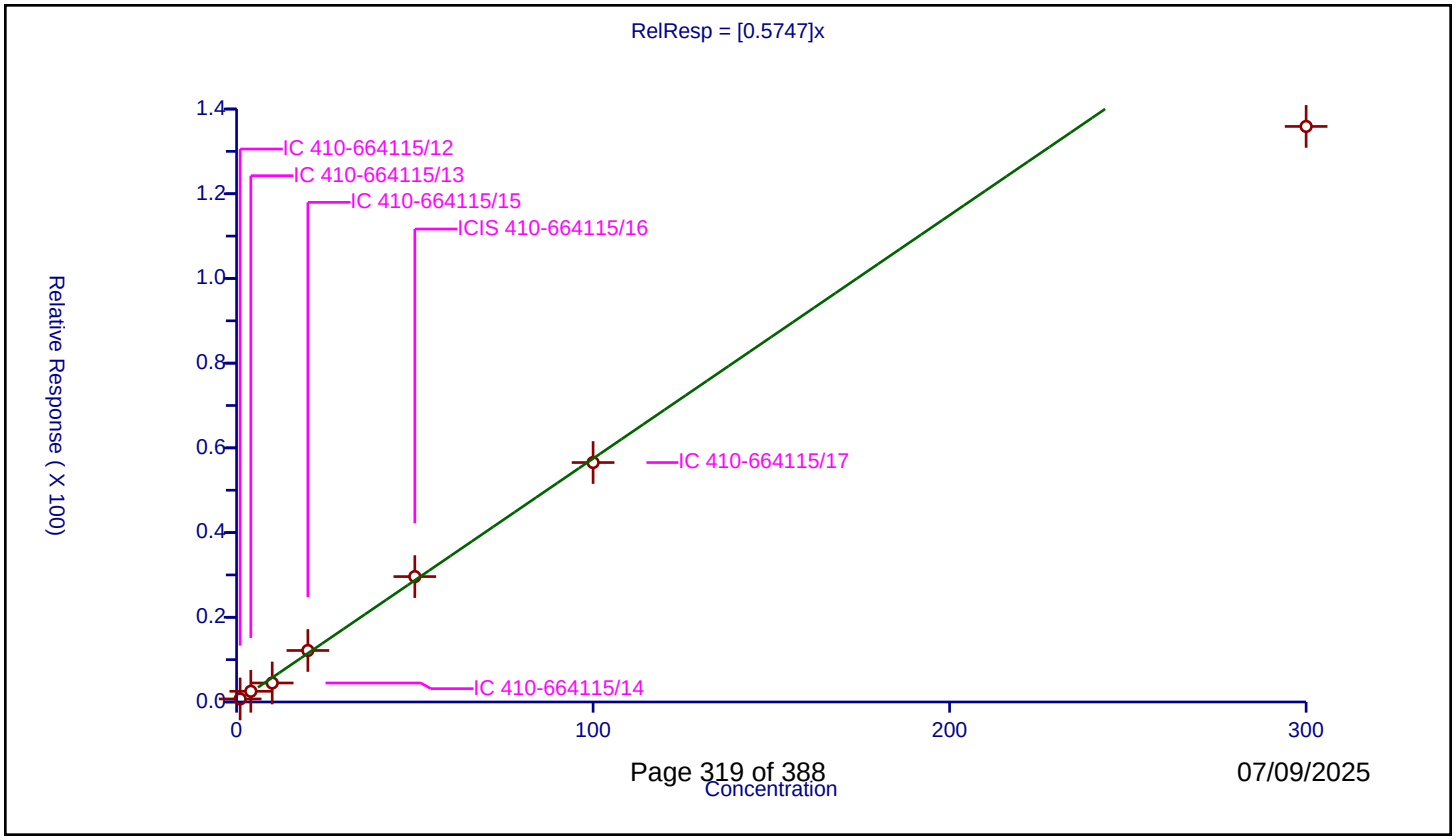
Curve Coefficients

Intercept:	0
Slope:	0.5747

Error Coefficients

Relative Standard Deviation:	17.0

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	0.723228	50.0	499013.0	0.723228	Y
2	IC 410-664115/13	4.0	2.528819	50.0	518147.0	0.632205	Y
3	IC 410-664115/14	10.0	4.486232	50.0	512780.0	0.448623	Y
4	IC 410-664115/15	20.0	12.163627	50.0	524938.0	0.608181	Y
5	ICIS 410-664115/16	50.0	29.606642	50.0	528069.0	0.592133	Y
6	IC 410-664115/17	100.0	56.532178	50.0	539774.0	0.565322	Y
7	IC 410-664115/18	300.0	135.885976	50.0	610361.0	0.452953	Y



Calibration / Naphthalene

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

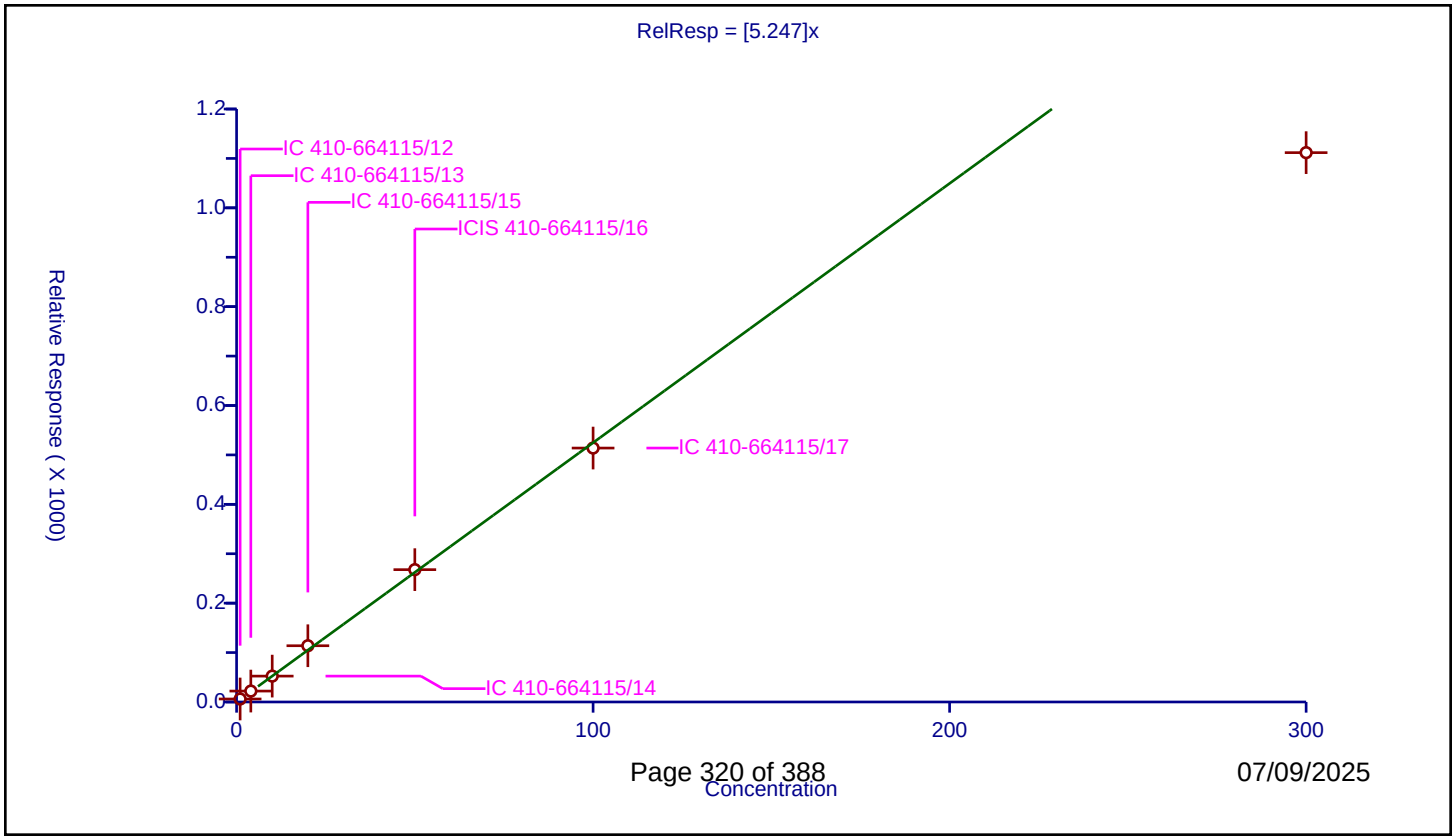
Curve Coefficients

Intercept:	0
Slope:	5.247

Error Coefficients

Relative Standard Deviation:	14.3

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	6.077297	50.0	499013.0	6.077297	Y
2	IC 410-664115/13	4.0	22.088423	50.0	518147.0	5.522106	Y
3	IC 410-664115/14	10.0	52.367487	50.0	512780.0	5.236749	Y
4	IC 410-664115/15	20.0	113.836682	50.0	524938.0	5.691834	Y
5	ICIS 410-664115/16	50.0	267.784892	50.0	528069.0	5.355698	Y
6	IC 410-664115/17	100.0	513.906654	50.0	539774.0	5.139067	Y
7	IC 410-664115/18	300.0	1111.733056	50.0	610361.0	3.705777	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

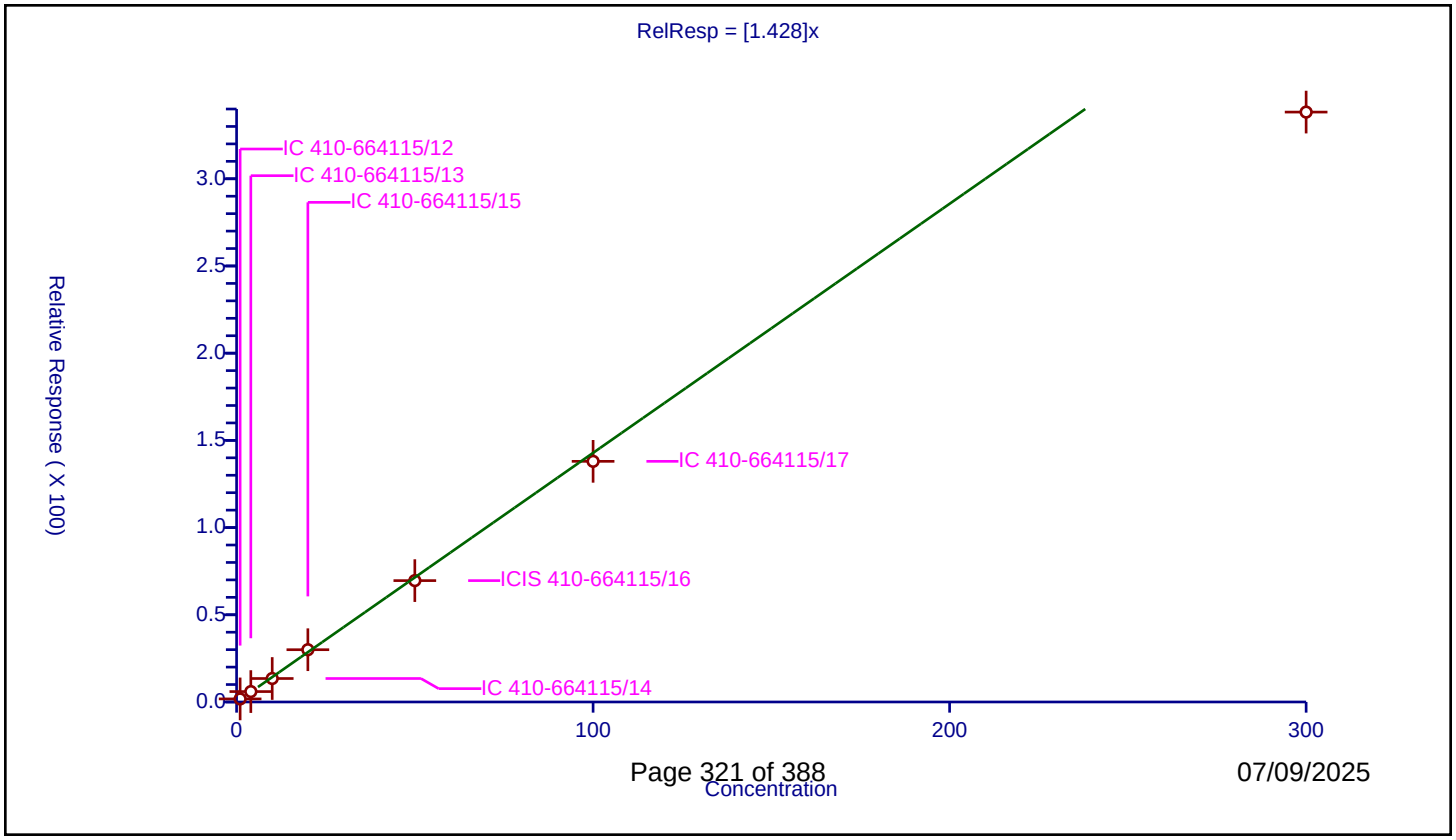
Curve Coefficients

Intercept:	0
Slope:	1.428

Error Coefficients

Relative Standard Deviation:	13.4

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	1.760575	50.0	499013.0	1.760575	Y
2	IC 410-664115/13	4.0	5.970989	50.0	518147.0	1.492747	Y
3	IC 410-664115/14	10.0	13.465521	50.0	512780.0	1.346552	Y
4	IC 410-664115/15	20.0	29.97735	50.0	524938.0	1.498867	Y
5	ICIS 410-664115/16	50.0	69.598575	50.0	528069.0	1.391972	Y
6	IC 410-664115/17	100.0	137.986176	50.0	539774.0	1.379862	Y
7	IC 410-664115/18	300.0	338.241303	50.0	610361.0	1.127471	Y



07/09/2025

Calibration / 2-Methylnaphthalene

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

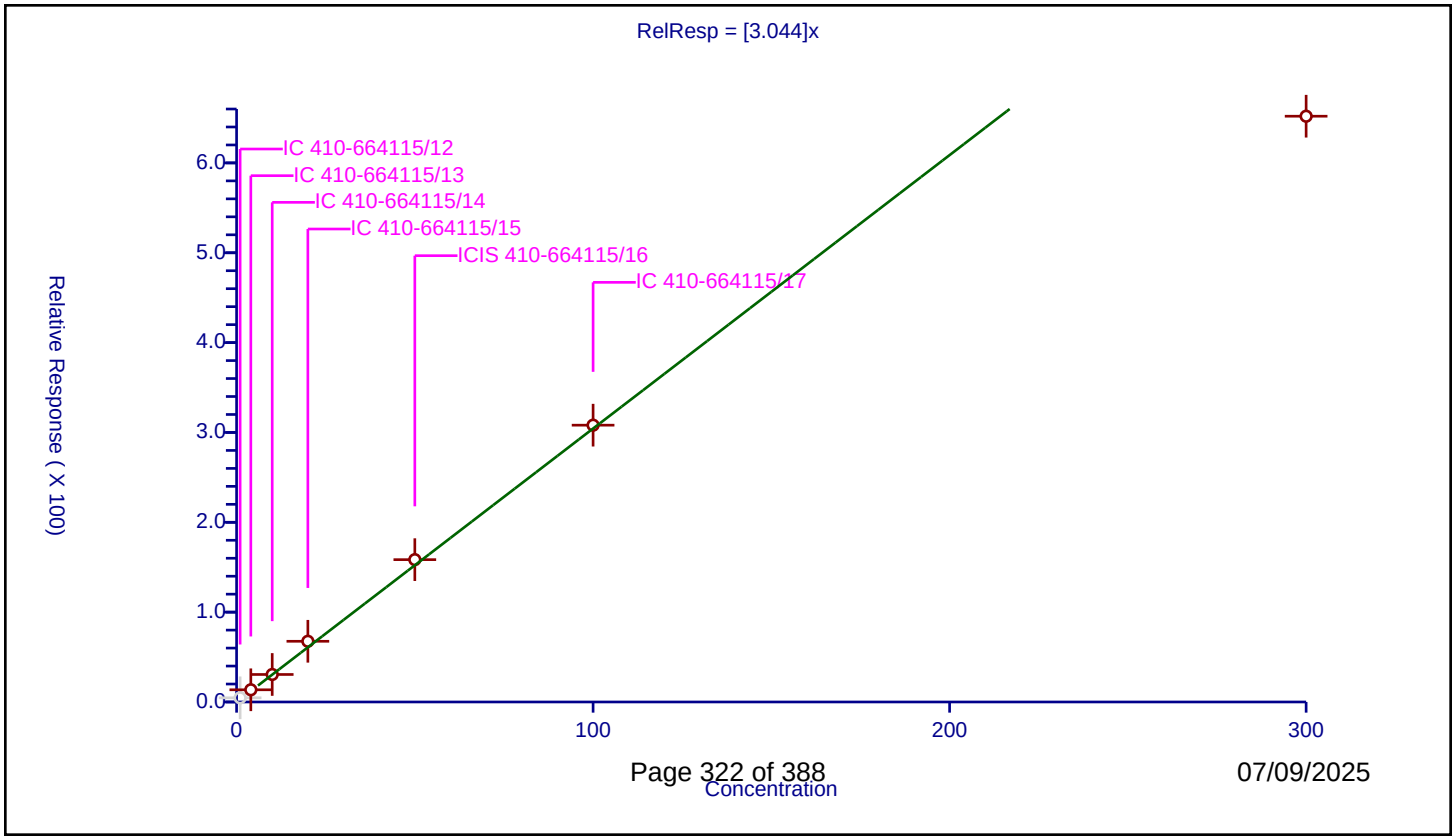
Curve Coefficients

Intercept:	0
Slope:	3.044

Error Coefficients

Relative Standard Deviation:	14.8

ID	Level	Concentration	Rel. Resp.	IS Amount	IS Response	RRF	Used
1	IC 410-664115/12	1.0	4.657794	50.0	499013.0	4.657794	N
2	IC 410-664115/13	4.0	13.590641	50.0	518147.0	3.39766	Y
3	IC 410-664115/14	10.0	30.626682	50.0	512780.0	3.062668	Y
4	IC 410-664115/15	20.0	67.569408	50.0	524938.0	3.37847	Y
5	ICIS 410-664115/16	50.0	158.426077	50.0	528069.0	3.168522	Y
6	IC 410-664115/17	100.0	308.08996	50.0	539774.0	3.0809	Y
7	IC 410-664115/18	300.0	651.976863	50.0	610361.0	2.173256	Y



FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab Sample ID: ICV 410-664281/1005 Calibration Date: 06/27/2025 22:46

Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/27/2025 19:12

Lab File ID: -YU27X34-ICV.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	0.4254	0.4238	0.1000	19.9	20.0	-0.4	30.0
Chloromethane	Ave	0.5335	0.4790	0.1000	18.0	20.0	-10.2	30.0
1,3-Butadiene	Ave	0.4767	0.4387		18.4	20.0	-8.0	30.0
Vinyl chloride	Ave	0.4938	0.4586	0.1000	18.6	20.0	-7.1	30.0
Bromomethane	Ave	0.3459	0.3067	0.1000	17.7	20.0	-11.3	30.0
Chloroethane	Ave	0.2462	0.2246	0.1000	18.2	20.0	-8.8	30.0
Dichlorofluoromethane	Ave	0.7546	0.6580		17.4	20.0	-12.8	30.0
n-Pentane	Ave	0.4672	0.3961		17.0	20.0	-15.2	30.0
Trichlorofluoromethane	Ave	0.5156	0.4822	0.1000	18.7	20.0	-6.5	30.0
Freon 123a	Ave	0.3503	0.3177		18.1	20.0	-9.3	30.0
Acrolein	Ave	0.9640	0.996		151	146	3.3	30.0
1,1-Dichloroethene	Ave	0.2352	0.2290	0.1000	19.5	20.0	-2.6	30.0
Acetone	Ave	0.5302	0.4986	0.1000	235	250	-6.0	30.0
Freon 113	Ave	0.3060	0.2784	0.1000	18.2	20.0	-9.0	30.0
2-Propanol	Ave	0.8897	0.4753		80.1	150	-46.6*	30.0
Methyl iodide	Ave	0.4710	0.4158		17.7	20.0	-11.7	30.0
Carbon disulfide	Ave	0.8556	0.7139	0.1000	16.7	20.0	-16.6	30.0
Methyl acetate	Ave	0.3121	0.3681	0.1000	23.6	20.0	17.9	30.0
Allyl chloride	Ave	0.4055	0.3285		16.2	20.0	-19.0	30.0
Methylene Chloride	Ave	0.2748	0.2688	0.1000	19.6	20.0	-2.2	30.0
t-Butyl alcohol	Ave	1.007	0.9336		185	200	-7.3	30.0
Acrylonitrile	Ave	0.1770	0.1712		96.7	100	-3.3	30.0
Methyl tert-butyl ether	Ave	0.9579	0.8991	0.1000	18.8	20.0	-6.1	30.0
trans-1,2-Dichloroethene	Ave	0.2339	0.2201	0.1000	18.8	20.0	-5.9	30.0
n-Hexane	Ave	0.3842	0.3527		18.4	20.0	-8.2	30.0
1,1-Dichloroethane	Ave	0.4227	0.4040	0.2000	19.1	20.0	-4.4	30.0
Isopropyl ether	Ave	0.8767	0.7974		18.2	20.0	-9.1	30.0
2-Chloro-1,3-butadiene	Ave	0.3779	0.3327		17.6	20.0	-12.0	30.0
Ethyl t-butyl ether	Ave	0.9152	0.8257		18.0	20.0	-9.8	30.0
2-Butanone (MEK)	Ave	0.2562	0.2441	0.1000	238	250	-4.7	30.0
cis-1,2-Dichloroethene	Ave	0.2753	0.2568	0.1000	18.7	20.0	-6.7	30.0
2,2-Dichloropropane	Ave	0.4271	0.3911		18.3	20.0	-8.4	30.0
Propionitrile	Ave	0.8643	0.8236		143	150	-4.7	30.0
Methacrylonitrile	Ave	0.1765	0.1736		148	150	-1.6	30.0
Bromochloromethane	Ave	0.1359	0.1284		18.9	20.0	-5.5	30.0
Tetrahydrofuran	Ave	0.7474	0.7078		94.7	100	-5.3	30.0
Chloroform	Ave	0.4233	0.3962	0.2000	18.7	20.0	-6.4	30.0
1,1,1-Trichloroethane	Ave	0.4195	0.3831	0.1000	18.3	20.0	-8.7	30.0
Cyclohexane	Ave	0.5454	0.4858	0.1000	17.8	20.0	-10.9	30.0
1,1-Dichloropropene	Ave	0.3465	0.3119		18.0	20.0	-10.0	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab Sample ID: ICV 410-664281/1005 Calibration Date: 06/27/2025 22:46

Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/27/2025 19:12

Lab File ID: -YU27X34-ICV.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	0.3448	0.3106	0.1000	18.0	20.0	-9.9	30.0
Isobutyl alcohol	Ave	0.3342	0.2846		426	500	-14.8	30.0
Benzene	Ave	1.049	0.9606	0.5000	18.3	20.0	-8.4	30.0
1,2-Dichloroethane	Ave	0.3416	0.3219	0.1000	18.8	20.0	-5.8	30.0
t-Amyl methyl ether	Ave	0.8916	0.8349		18.7	20.0	-6.4	30.0
n-Heptane	Ave	0.3838	0.3563		18.6	20.0	-7.2	30.0
n-Butanol	Ave	0.2490	0.2593		1040	1000	4.1	30.0
Trichloroethene	Ave	0.2681	0.2433	0.2000	18.2	20.0	-9.2	30.0
Methylcyclohexane	Ave	0.5496	0.4918	0.1000	17.9	20.0	-10.5	30.0
1,2-Dichloropropane	Ave	0.2828	0.2642	0.1000	18.7	20.0	-6.6	30.0
t-Amyl ethyl ether	Ave	0.4233	0.3803		18.0	20.0	-10.2	30.0
Methyl methacrylate	Ave	0.2707	0.2538		18.8	20.0	-6.2	30.0
1,4-Dioxane	Ave	0.0856	0.0829	0.0050	484	500	-3.2	30.0
Dibromomethane	Ave	0.1801	0.1714		19.0	20.0	-4.8	30.0
Bromodichloromethane	Ave	0.3215	0.2910	0.2000	18.1	20.0	-9.5	30.0
2-Nitropropane	Ave	1.234	1.004		16.3	20.0	-18.6	30.0
2-Chloroethyl vinyl ether	Ave	0.1832	0.1793		19.6	20.0	-2.1	30.0
cis-1,3-Dichloropropene	Ave	0.4305	0.3808	0.2000	17.7	20.0	-11.5	30.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4977	0.4920	0.1000	247	250	-1.1	30.0
Toluene	Ave	0.8765	0.8267	0.4000	18.9	20.0	-5.7	30.0
trans-1,3-Dichloropropene	Ave	0.5301	0.4834	0.1000	18.2	20.0	-8.8	30.0
Ethyl methacrylate	Ave	0.6182	0.5736		18.6	20.0	-7.2	30.0
1,1,2-Trichloroethane	Ave	0.3401	0.3275	0.1000	19.3	20.0	-3.7	30.0
Tetrachloroethene	Ave	0.3601	0.3231	0.2000	17.9	20.0	-10.3	30.0
1,3-Dichloropropane	Ave	0.5582	0.5349		19.2	20.0	-4.2	30.0
2-Hexanone	Ave	0.4695	0.4640	0.1000	247	250	-1.2	30.0
Dibromochloromethane	Ave	0.3526	0.3188		18.1	20.0	-9.6	30.0
Ethylene Dibromide	Ave	0.3593	0.3423	0.1000	19.1	20.0	-4.7	30.0
1-Chlorohexane	Ave	0.4975	0.4379		17.6	20.0	-12.0	30.0
Chlorobenzene	Ave	1.006	0.9296	0.5000	18.5	20.0	-7.6	30.0
1,1,1,2-Tetrachloroethane	Ave	0.3752	0.3463		18.5	20.0	-7.7	30.0
Ethylbenzene	Ave	1.778	1.614	0.1000	18.2	20.0	-9.2	30.0
m&p-Xylene	Ave	0.6984	0.6306	0.1000	36.1	40.0	-9.7	30.0
o-Xylene	Ave	0.7302	0.6749	0.3000	18.5	20.0	-7.6	30.0
Styrene	Ave	1.145	1.068	0.3000	18.7	20.0	-6.7	30.0
Bromoform	Ave	0.2588	0.2324	0.1000	18.0	20.0	-10.2	30.0
Isopropylbenzene	Ave	1.753	1.823	0.1000	20.8	20.0	4.0	30.0
1,1,2,2-Tetrachloroethane	Ave	1.125	1.086	0.3000	19.3	20.0	-3.5	30.0
Bromobenzene	Ave	0.7386	0.6839		18.5	20.0	-7.4	30.0
trans-1,4-Dichloro-2-butene	Ave	0.3157	0.3042		96.4	100	-3.6	30.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab Sample ID: ICV 410-664281/1005 Calibration Date: 06/27/2025 22:46

Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/27/2025 19:12

Lab File ID: -YU27X34-ICV.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	0.3340	0.3202		19.2	20.0	-4.1	30.0
N-Propylbenzene	Ave	3.696	3.473		18.8	20.0	-6.1	30.0
2-Chlorotoluene	Ave	0.7785	0.7109		18.3	20.0	-8.7	30.0
1,3,5-Trimethylbenzene	Ave	2.897	2.705		18.7	20.0	-6.6	30.0
4-Chlorotoluene	Ave	0.7519	0.6952		18.5	20.0	-7.6	30.0
tert-Butylbenzene	Ave	0.5542	0.5186		18.7	20.0	-6.4	30.0
1,2,4-Trimethylbenzene	Ave	2.984	2.765		18.5	20.0	-7.4	30.0
sec-Butylbenzene	Ave	3.686	3.495		19.0	20.0	-5.2	30.0
1,3-Dichlorobenzene	Ave	1.517	1.415	0.6000	18.7	20.0	-6.7	30.0
p-Isopropyltoluene	Ave	3.224	2.988		18.5	20.0	-7.3	30.0
1,4-Dichlorobenzene	Ave	1.564	1.438	0.5000	18.4	20.0	-8.0	30.0
1,2,3-Trimethylbenzene	Ave	3.241	3.020		18.6	20.0	-6.8	30.0
Benzyl chloride	Ave	2.242	2.107		18.8	20.0	-6.0	30.0
1,3-Diethylbenzene	Ave	1.895	1.776		18.7	20.0	-6.3	30.0
1,4-Diethylbenzene	Ave	2.015	1.829		18.2	20.0	-9.2	30.0
n-Butylbenzene	Ave	1.617	1.459		18.1	20.0	-9.7	30.0
1,2-Dichlorobenzene	Ave	1.620	1.513	0.4000	18.7	20.0	-6.6	30.0
1,2-Diethylbenzene	Ave	1.682	1.544		18.4	20.0	-8.2	30.0
1,2-Dibromo-3-Chloropropane	Ave	0.3591	0.3241	0.0500	18.0	20.0	-9.8	30.0
1,3,5-Trichlorobenzene	Ave	1.324	1.188		17.9	20.0	-10.3	30.0
1,2,4-Trichlorobenzene	Ave	1.365	1.245	0.2000	18.2	20.0	-8.8	30.0
Hexachlorobutadiene	Ave	0.5747	0.4571		15.9	20.0	-20.5	30.0
Naphthalene	Ave	5.247	4.955		18.9	20.0	-5.6	30.0
1,2,3-Trichlorobenzene	Ave	1.428	1.270		17.8	20.0	-11.1	30.0
2-Methylnaphthalene	Ave	3.044	2.772		18.2	20.0	-8.9	30.0
Dibromofluoromethane (Surr)	Ave	0.2376	0.2377		50.0	50.0	0.0	30.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0604	0.0626		51.9	50.0	3.7	30.0
Toluene-d8 (Surr)	Ave	1.348	1.384		51.3	50.0	2.7	30.0
4-Bromofluorobenzene (Surr)	Ave	0.5157	0.5132		49.8	50.0	-0.5	30.0

Eurofins Environment Testing
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\-YU27X34-ICV.d
Lims ID: ICV
Client ID:
Sample Type: ICV
Inject. Date: 27-Jun-2025 22:46:30 ALS Bottle#: 4 Worklist Smp#: 1005
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0151863-005
Operator ID: MCD07824 Instrument ID: 9355
Sublist:

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 16:18:49 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: UKAD Date: 30-Jun-2025 15:47:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.802	1.802	0.000	99	191072	20.0	19.9	
6 Chloromethane	50	1.988	1.988	0.000	99	215942	20.0	18.0	
8 Butadiene	39	2.081	2.081	0.000	92	197802	20.0	18.4	
7 Vinyl chloride	62	2.088	2.095	-0.007	98	206753	20.0	18.6	
10 Bromomethane	94	2.403	2.410	-0.007	90	138292	20.0	17.7	
11 Chloroethane	64	2.446	2.453	-0.007	100	101248	20.0	18.2	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	296661	20.0	17.4	
13 Pentane	43	2.746	2.746	0.000	98	178572	20.0	17.0	
14 Trichlorofluoromethane	101	2.767	2.774	-0.007	72	217383	20.0	18.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.010	3.017	-0.007	89	143214	20.0	18.1	
18 Acrolein	56	3.082	3.075	0.007	100	330418	146.3	151.1	
19 1,1-Dichloroethene	96	3.225	3.218	0.007	93	103257	20.0	19.5	
20 Acetone	58	3.225	3.218	0.007	100	282690	250.0	235.1	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.261	3.268	-0.007	93	125524	20.0	18.2	
22 Isopropyl alcohol	45	3.375	3.382	-0.007	96	161687	150.0	80.1	
23 Iodomethane	142	3.404	3.411	-0.007	97	187461	20.0	17.7	
24 Carbon disulfide	76	3.511	3.511	0.000	100	321832	20.0	16.7	
26 Methyl acetate	43	3.618	3.618	0.000	98	165966	20.0	23.6	
27 3-Chloro-1-propene	41	3.640	3.640	0.000	91	148113	20.0	16.2	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.804	0.007	94	567004	250.0	250.0	a
29 Methylene Chloride	84	3.811	3.818	-0.007	92	121182	20.0	19.6	
30 2-Methyl-2-propanol	59	3.940	3.911	0.029	99	423467	200.0	185.4	M
31 Acrylonitrile	53	4.097	4.097	0.000	99	385823	100.0	96.7	
32 Methyl tert-butyl ether	73	4.183	4.190	-0.007	94	405362	20.0	18.8	
33 trans-1,2-Dichloroethene	96	4.204	4.204	0.000	98	99231	20.0	18.8	
35 Hexane	57	4.626	4.626	0.000	93	159001	20.0	18.4	
37 1,1-Dichloroethane	63	4.855	4.848	0.007	96	182126	20.0	19.1	
38 Isopropyl ether	45	4.919	4.919	0.000	94	359500	20.0	18.2	
39 2-Chloro-1,3-butadiene	53	4.970	4.969	0.001	91	150008	20.0	17.6	
41 Tert-butyl ethyl ether	59	5.470	5.477	-0.007	97	372242	20.0	18.0	
42 2-Butanone (MEK)	43	5.663	5.663	0.000	100	1375468	250.0	238.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 cis-1,2-Dichloroethene	96	5.706	5.699	0.007	83	115757	20.0	18.7	
44 2,2-Dichloropropane	77	5.720	5.727	-0.007	76	176327	20.0	18.3	
45 Propionitrile	54	5.742	5.735	0.007	99	280202	150.0	142.9	
48 Methacrylonitrile	67	5.963	5.963	0.000	92	587066	150.0	147.6	
50 Chlorobromomethane	128	6.042	6.042	0.000	94	57901	20.0	18.9	
51 Tetrahydrofuran	71	6.071	6.063	0.008	93	160534	100.0	94.7	
53 Chloroform	83	6.199	6.199	0.000	93	178642	20.0	18.7	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	267966	50.0	50.0	
55 1,1,1-Trichloroethane	97	6.435	6.435	0.000	98	172694	20.0	18.3	
56 Cyclohexane	56	6.557	6.550	0.007	90	219029	20.0	17.8	
57 1,1-Dichloropropene	75	6.657	6.657	0.000	96	140601	20.0	18.0	
58 Carbon tetrachloride	117	6.664	6.657	0.007	88	140010	20.0	18.0	
59 Isobutyl alcohol	41	6.800	6.800	0.000	96	322759	500.0	425.8	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.886	6.886	0.000	99	70558	50.0	51.9	
61 Benzene	78	6.922	6.921	0.001	97	433095	20.0	18.3	
62 1,2-Dichloroethane	62	6.993	6.993	0.000	97	145129	20.0	18.8	M
64 Tert-amyl methyl ether	73	7.122	7.122	0.000	99	376410	20.0	18.7	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1127098	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	94	160625	20.0	18.6	
67 n-Butanol	56	7.701	7.694	0.007	89	588064	1000.0	1041.4	
69 Trichloroethene	95	7.830	7.830	0.000	98	109709	20.0	18.2	
71 Methylcyclohexane	83	8.151	8.151	0.000	91	221730	20.0	17.9	
72 1,2-Dichloropropane	63	8.159	8.158	0.001	91	119130	20.0	18.7	
73 2-ethoxy-2-methyl butane	87	8.180	8.180	0.000	92	171451	20.0	18.0	
74 Methyl methacrylate	69	8.252	8.251	0.001	92	114430	20.0	18.8	
75 1,4-Dioxane	88	8.259	8.259	0.000	71	94003	500.0	484.0	M
76 Dibromomethane	93	8.273	8.273	0.000	97	77275	20.0	19.0	
78 Dichlorobromomethane	83	8.516	8.516	0.000	100	131198	20.0	18.1	
79 2-Nitropropane	41	8.766	8.766	0.000	98	45550	20.0	16.3	
80 2-Chloroethyl vinyl ether	63	8.895	8.888	0.007	92	80834	20.0	19.6	
81 cis-1,3-Dichloropropene	75	9.088	9.081	0.007	96	171673	20.0	17.7	
82 4-Methyl-2-pentanone (MIBK)	43	9.253	9.252	0.001	97	2772626	250.0	247.2	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1162422	50.0	51.3	
95 Toluene	92	9.496	9.496	0.000	98	277756	20.0	18.9	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	93	162400	20.0	18.2	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	192736	20.0	18.6	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	89	110038	20.0	19.3	
114 Tetrachloroethene	166	10.082	10.082	0.000	95	108552	20.0	17.9	
115 1,3-Dichloropropane	76	10.146	10.146	0.000	91	179729	20.0	19.2	
117 2-Hexanone	43	10.196	10.196	0.000	96	1948885	250.0	247.1	
119 Chlorodibromomethane	129	10.375	10.375	0.000	90	107125	20.0	18.1	
120 Ethylene Dibromide	107	10.490	10.489	0.001	99	114995	20.0	19.1	
* 121 Chlorobenzene-d5 (IS)	117	10.933	10.933	0.000	86	839955	50.0	50.0	
122 1-Chlorohexane	91	10.947	10.947	0.000	98	147119	20.0	17.6	
132 Chlorobenzene	112	10.961	10.961	0.000	95	312316	20.0	18.5	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	95	116341	20.0	18.5	
135 Ethylbenzene	91	11.054	11.054	0.000	98	542386	20.0	18.2	
137 m-Xylene & p-Xylene	106	11.176	11.169	0.007	99	423734	40.0	36.1	
139 o-Xylene	106	11.505	11.505	0.000	96	226745	20.0	18.5	
140 Styrene	104	11.526	11.526	0.000	94	358683	20.0	18.7	
141 Bromoform	173	11.684	11.684	0.000	96	78089	20.0	18.0	
142 Isopropylbenzene	105	11.812	11.812	0.000	96	612606	20.0	20.8	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.962	0.000	87	431054	50.0	49.8	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.062	0.001	93	213845	20.0	19.3	
149 Bromobenzene	156	12.077	12.077	0.000	97	134699	20.0	18.5	
148 trans-1,4-Dichloro-2-butene	53	12.084	12.084	0.000	92	299596	100.0	96.4	
150 1,2,3-Trichloropropane	110	12.105	12.105	0.000	81	63074	20.0	19.2	
151 N-Propylbenzene	91	12.148	12.148	0.000	99	683988	20.0	18.8	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	140022	20.0	18.3	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	93	532739	20.0	18.7	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	136924	20.0	18.5	
156 tert-Butylbenzene	134	12.534	12.534	0.000	93	102141	20.0	18.7	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	98	544517	20.0	18.5	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	688456	20.0	19.0	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	278789	20.0	18.7	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	588583	20.0	18.5	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	492417	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.871	12.870	0.001	95	283327	20.0	18.4	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	594866	20.0	18.6	
168 Benzyl chloride	91	12.949	12.942	0.007	98	414972	20.0	18.8	
169 1,3-Diethylbenzene	119	13.014	13.013	0.001	96	349730	20.0	18.7	
170 p-Diethylbenzene	119	13.085	13.085	0.000	94	360300	20.0	18.2	
171 n-Butylbenzene	92	13.107	13.106	0.001	97	287425	20.0	18.1	
172 1,2-Dichlorobenzene	146	13.128	13.128	0.000	98	298006	20.0	18.7	
173 o-diethylbenzene	119	13.157	13.156	0.001	95	304181	20.0	18.4	
176 1,2-Dibromo-3-Chloropropane	75	13.671	13.678	-0.007	85	63835	20.0	18.0	
177 1,3,5-Trichlorobenzene	180	13.807	13.807	0.000	98	234005	20.0	17.9	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	245127	20.0	18.2	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	90033	20.0	15.9	
181 Naphthalene	128	14.415	14.408	0.007	97	975941	20.0	18.9	
182 1,2,3-Trichlorobenzene	180	14.551	14.551	0.000	96	250077	20.0	17.8	
183 2-Methylnaphthalene	142	15.159	15.159	0.000	92	546080	20.0	18.2	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

a - User Assigned ID

Reagents:

MSV_LCS_Gases_00256	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00233	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00225	Amount Added: 50.00	Units: uL	
MSV_HP20_ISSS_00160	Amount Added: 1.00	Units: uL	Run Reagent

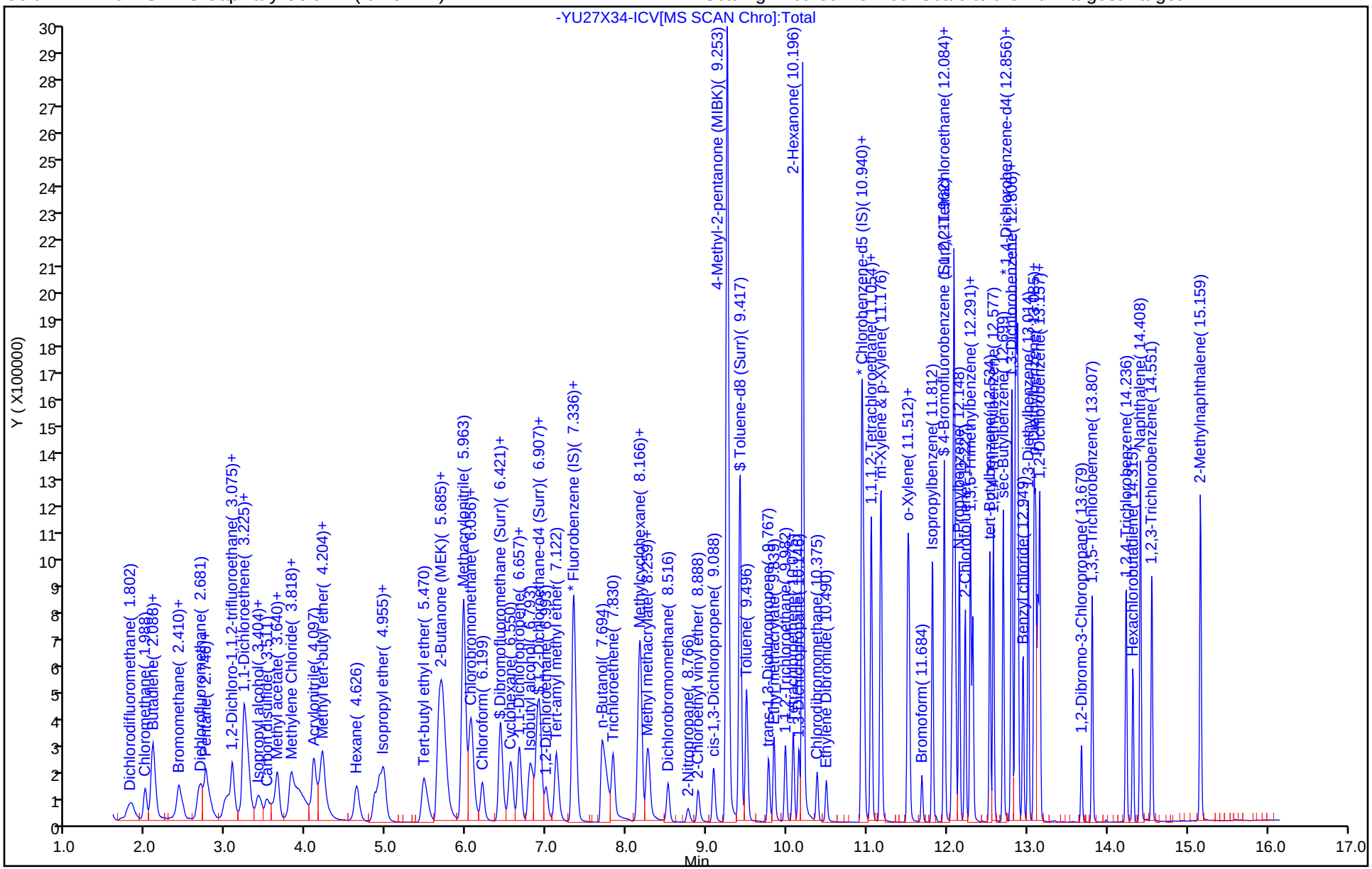
Report Date: 30-Jun-2025 16:18:54 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Environment Testing

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\-YU27X34-ICV.d

Injection Date:	27-Jun-2025 22:46:30	Instrument ID:	9355	Operator ID:	MCD07824
Lims ID:	ICV			Worklist Smp#:	1005
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Environment Testing

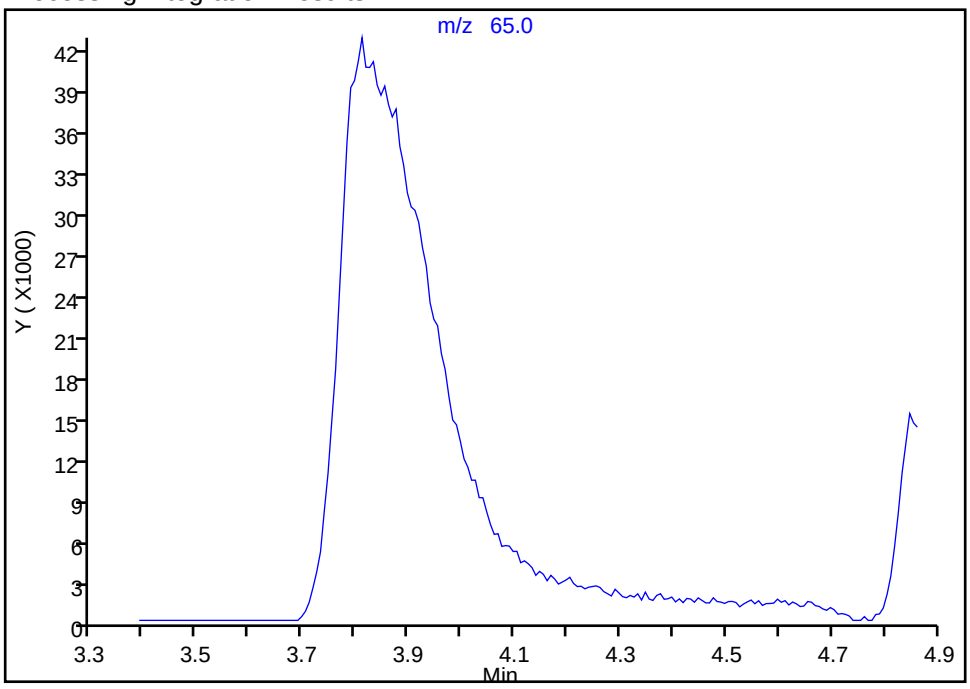
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\-YU27X34-ICV.d
Injection Date: 27-Jun-2025 22:46:30 Instrument ID: 9355
Lims ID: ICV
Client ID:
Operator ID: MCD07824 ALS Bottle#: 4 Worklist Smp#: 1005
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

* 28 t-Butyl alcohol-d10 (IS), CAS: 53001-22-2

Signal: 1

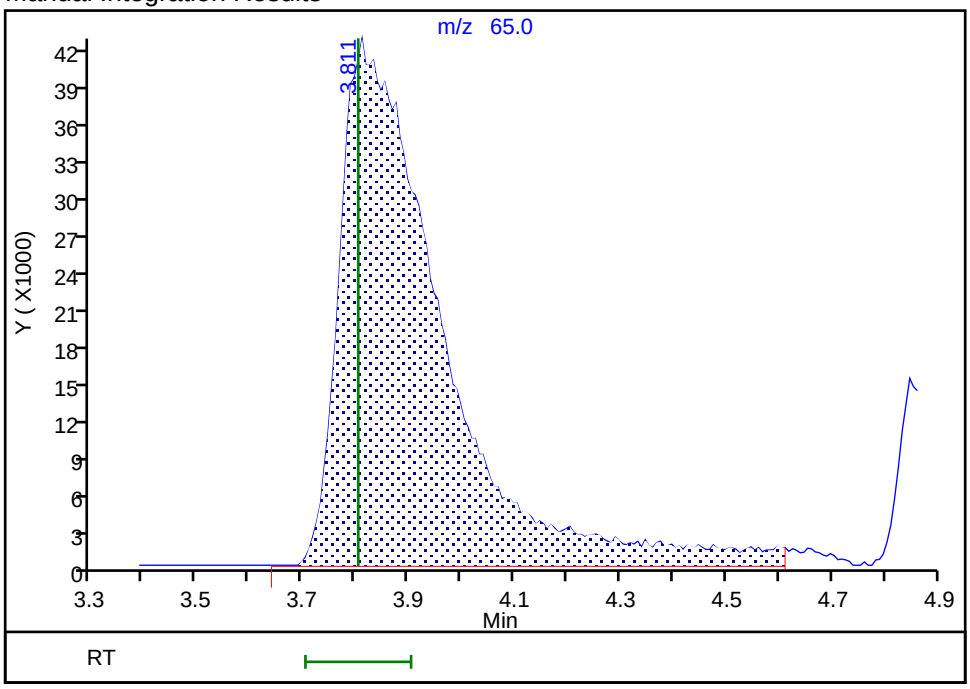
Not Detected
Expected RT: 3.80

Processing Integration Results



Manual Integration Results

RT: 3.81
Area: 567004
Amount: 250.0000
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 23:11:35 -04:00:00 (UTC)
Audit Action: Assigned Compound ID Audit Reason: Peak assignment corrected

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

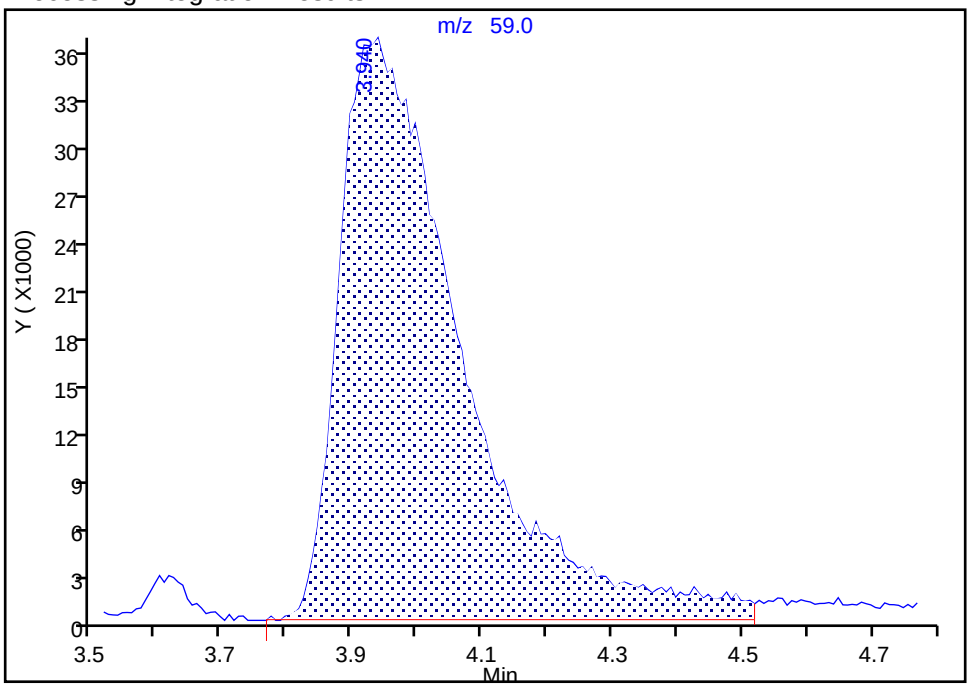
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\-YU27X34-ICV.d
Injection Date: 27-Jun-2025 22:46:30 Instrument ID: 9355
Lims ID: ICV
Client ID:
Operator ID: MCD07824 ALS Bottle#: 4 Worklist Smp#: 1005
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

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

Signal: 1

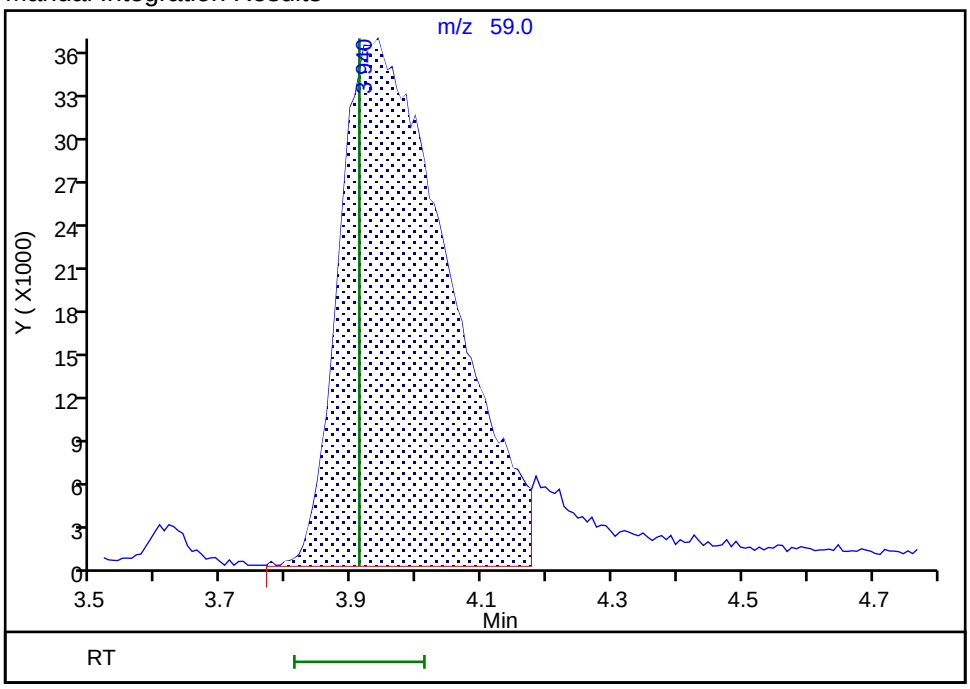
Processing Integration Results

RT: 3.94
Area: 474978
Amount: 207.9182
Amount Units: ug/l



Manual Integration Results

RT: 3.94
Area: 423467
Amount: 185.3696
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 23:12:20 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

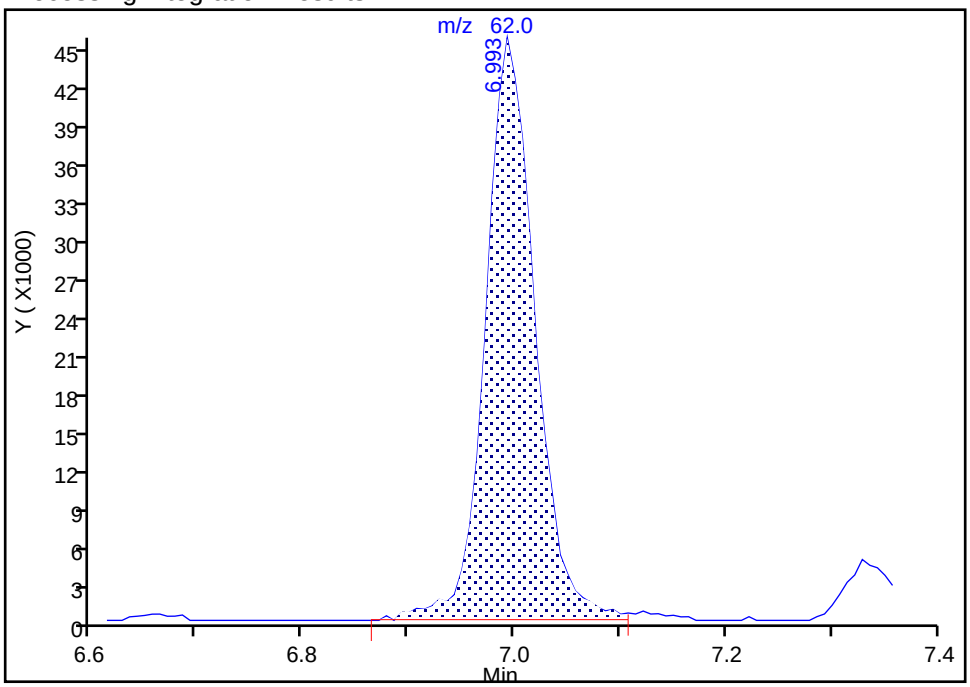
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\-YU27X34-ICV.d
Injection Date: 27-Jun-2025 22:46:30 Instrument ID: 9355
Lims ID: ICV
Client ID:
Operator ID: MCD07824 ALS Bottle#: 4 Worklist Smp#: 1005
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

62 1,2-Dichloroethane, CAS: 107-06-2

Signal: 1

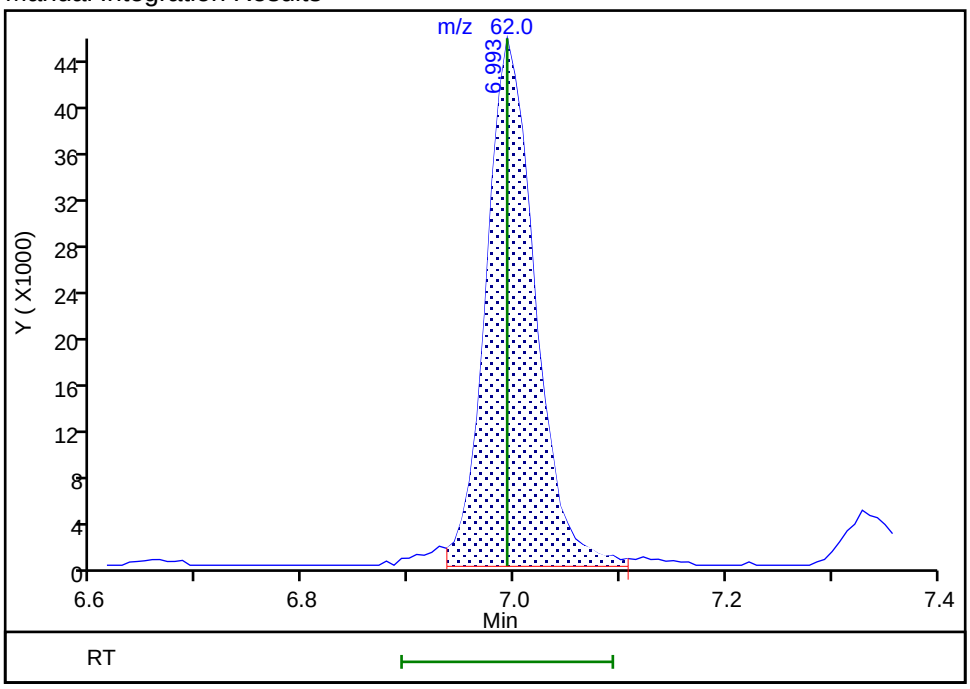
Processing Integration Results

RT: 6.99
Area: 147730
Amount: 19.184841
Amount Units: ug/l



Manual Integration Results

RT: 6.99
Area: 145129
Amount: 18.847064
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 23:12:34 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Split Peak

Manual Integration/User Assign Peak Report

Eurofins Environment Testing

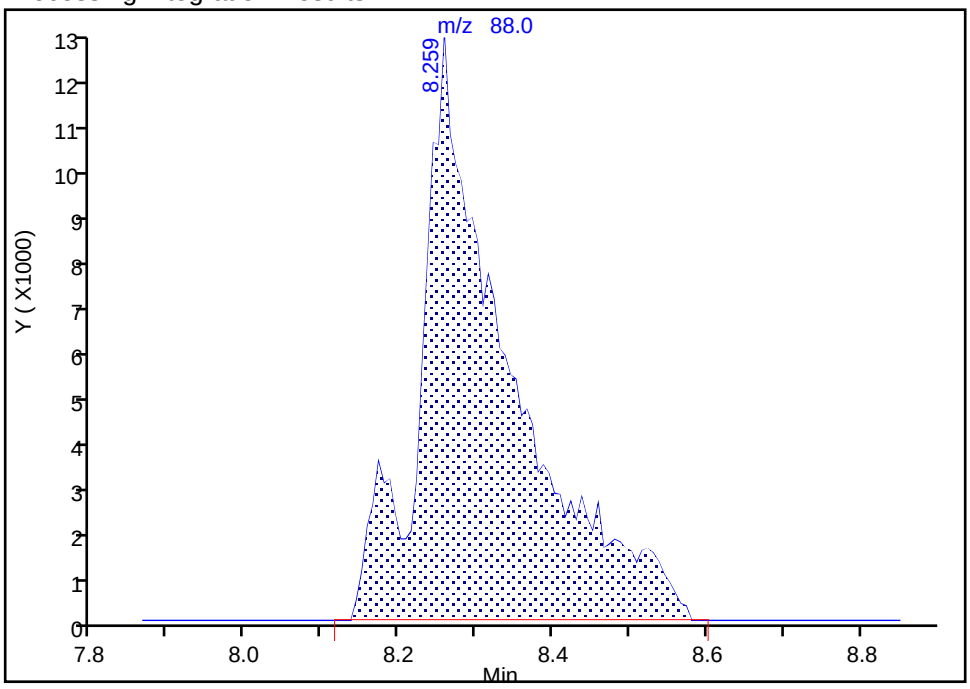
Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\-YU27X34-ICV.d
Injection Date: 27-Jun-2025 22:46:30 Instrument ID: 9355
Lims ID: ICV
Client ID:
Operator ID: MCD07824 ALS Bottle#: 4 Worklist Smp#: 1005
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Column: Rxi-624Sil MS Capillary Column (0.25mm) Detector MS Quad

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

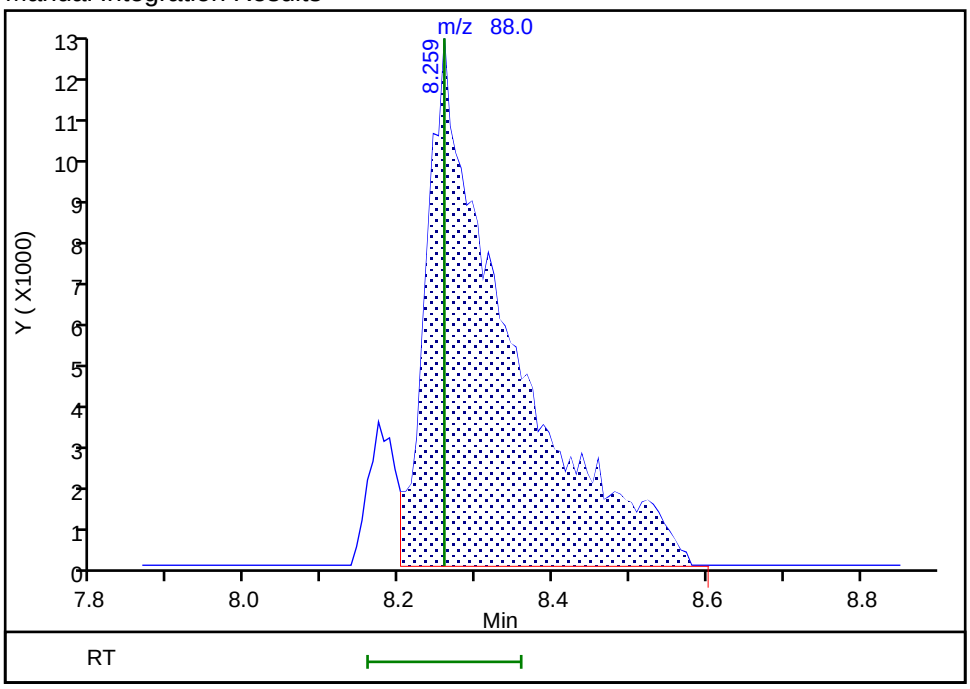
Processing Integration Results

RT: 8.26
Area: 101666
Amount: 523.4538
Amount Units: ug/l



Manual Integration Results

RT: 8.26
Area: 94003
Amount: 483.9989
Amount Units: ug/l



Reviewer: Y6ZN, 27-Jun-2025 23:12:44 -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.: 410-229235-1

SDG No.:

Lab Sample ID: CCVIS 410-667897/3 Calibration Date: 07/07/2025 22:17

Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/27/2025 19:12

Lab File ID: YL07X36.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	0.4254	0.3829	0.1000	45.0	50.0	-10.0	20.0
Chloromethane	Ave	0.5335	0.4955	0.1000	46.4	50.0	-7.1	20.0
1,3-Butadiene	Ave	0.4767	0.4571		47.9	50.0	-4.1	20.0
Vinyl chloride	Ave	0.4938	0.4669	0.1000	47.3	50.0	-5.5	20.0
Bromomethane	Ave	0.3459	0.3403	0.1000	49.2	50.0	-1.6	20.0
Chloroethane	Ave	0.2462	0.2312	0.1000	46.9	50.0	-6.1	20.0
Dichlorofluoromethane	Ave	0.7546	0.7186		47.6	50.0	-4.8	20.0
n-Pentane	Ave	0.4672	0.3891		41.6	50.0	-16.7	20.0
Trichlorofluoromethane	Ave	0.5156	0.5096	0.1000	49.4	50.0	-1.2	20.0
Freon 123a	Ave	0.3503	0.3254		46.5	50.0	-7.1	20.0
Acrolein	Ave	0.9640	1.137		575	488	17.9	20.0
1,1-Dichloroethene	Ave	0.2352	0.2280	0.1000	48.5	50.0	-3.1	20.0
Acetone	Ave	0.5302	0.6868	0.1000	130	100	29.5*	20.0
Freon 113	Ave	0.3060	0.2765	0.1000	45.2	50.0	-9.7	20.0
2-Propanol	Ave	0.8897	0.7046		198	250	-20.8*	20.0
Methyl iodide	Ave	0.4710	0.4726		50.2	50.0	0.3	20.0
Carbon disulfide	Ave	0.8556	0.7906	0.1000	46.2	50.0	-7.6	20.0
Methyl acetate	Ave	0.3121	0.3305	0.1000	52.9	50.0	5.9	20.0
Allyl chloride	Ave	0.4055	0.3720		45.9	50.0	-8.3	20.0
Methylene Chloride	Ave	0.2748	0.2821	0.1000	51.3	50.0	2.7	20.0
t-Butyl alcohol	Ave	1.007	1.119		278	250	11.1	20.0
Acrylonitrile	Ave	0.1770	0.1835		130	125	3.7	20.0
Methyl tert-butyl ether	Ave	0.9579	0.9460	0.1000	49.4	50.0	-1.2	20.0
trans-1,2-Dichloroethene	Ave	0.2339	0.2377	0.1000	50.8	50.0	1.6	20.0
n-Hexane	Ave	0.3842	0.3405		44.3	50.0	-11.4	20.0
1,1-Dichloroethane	Ave	0.4227	0.4280	0.2000	50.6	50.0	1.3	20.0
Isopropyl ether	Ave	0.8767	0.8601		49.1	50.0	-1.9	20.0
2-Chloro-1,3-butadiene	Ave	0.3779	0.3661		48.4	50.0	-3.1	20.0
Ethyl t-butyl ether	Ave	0.9152	0.8429		46.1	50.0	-7.9	20.0
2-Butanone (MEK)	Ave	0.2562	0.2614	0.1000	102	100	2.0	20.0
cis-1,2-Dichloroethene	Ave	0.2753	0.2792	0.1000	50.7	50.0	1.4	20.0
2,2-Dichloropropane	Ave	0.4271	0.4188		49.0	50.0	-2.0	20.0
Propionitrile	Ave	0.8643	0.9457		274	250	9.4	20.0
Methacrylonitrile	Ave	0.1765	0.1807		128	125	2.4	20.0
Bromochloromethane	Ave	0.1359	0.1456		53.6	50.0	7.2	20.0
Tetrahydrofuran	Ave	0.7474	0.8186		274	250	9.5	20.0
Chloroform	Ave	0.4233	0.4329	0.2000	51.1	50.0	2.3	20.0
1,1,1-Trichloroethane	Ave	0.4195	0.4261	0.1000	50.8	50.0	1.6	20.0
Cyclohexane	Ave	0.5454	0.4802	0.1000	44.0	50.0	-12.0	20.0
1,1-Dichloropropene	Ave	0.3465	0.3463		50.0	50.0	-0.0	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab Sample ID: CCVIS 410-667897/3 Calibration Date: 07/07/2025 22:17

Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/27/2025 19:12

Lab File ID: YL07X36.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	0.3448	0.3584	0.1000	52.0	50.0	3.9	20.0
Isobutyl alcohol	Ave	0.3342	0.3304		618	625	-1.1	20.0
Benzene	Ave	1.049	1.062	0.5000	50.6	50.0	1.2	20.0
1,2-Dichloroethane	Ave	0.3416	0.3506	0.1000	51.3	50.0	2.6	20.0
t-Amyl methyl ether	Ave	0.8916	0.8440		47.3	50.0	-5.3	20.0
n-Heptane	Ave	0.3838	0.3728		48.6	50.0	-2.9	20.0
n-Butanol	Ave	0.2490	0.2715		682	625	9.0	20.0
Trichloroethene	Ave	0.2681	0.2656	0.2000	49.5	50.0	-0.9	20.0
Methylcyclohexane	Ave	0.5496	0.5104	0.1000	46.4	50.0	-7.1	20.0
1,2-Dichloropropane	Ave	0.2828	0.2802	0.1000	49.5	50.0	-0.9	20.0
t-Amyl ethyl ether	Ave	0.4233	0.4169		49.2	50.0	-1.5	20.0
Methyl methacrylate	Ave	0.2707	0.2654		49.0	50.0	-1.9	20.0
1,4-Dioxane	Ave	0.0856	0.0869	0.0050	634	625	1.5	20.0
Dibromomethane	Ave	0.1801	0.1835		51.0	50.0	1.9	20.0
Bromodichloromethane	Ave	0.3215	0.3273	0.2000	50.9	50.0	1.8	20.0
2-Nitropropane	Ave	1.234	1.273		258	250	3.1	20.0
2-Chloroethyl vinyl ether	Ave	0.1832	0.1949		53.2	50.0	6.3	20.0
cis-1,3-Dichloropropene	Ave	0.4305	0.4224	0.2000	49.1	50.0	-1.9	20.0
4-Methyl-2-pentanone (MIBK)	Ave	0.4977	0.5411	0.1000	109	100	8.7	20.0
Toluene	Ave	0.8765	0.8871	0.4000	50.6	50.0	1.2	20.0
trans-1,3-Dichloropropene	Ave	0.5301	0.5278	0.1000	49.8	50.0	-0.4	20.0
Ethyl methacrylate	Ave	0.6182	0.5931		48.0	50.0	-4.1	20.0
1,1,2-Trichloroethane	Ave	0.3401	0.3457	0.1000	50.8	50.0	1.6	20.0
Tetrachloroethene	Ave	0.3601	0.3780	0.2000	52.5	50.0	5.0	20.0
1,3-Dichloropropane	Ave	0.5582	0.5809		52.0	50.0	4.1	20.0
2-Hexanone	Ave	0.4695	0.5167	0.1000	110	100	10.1	20.0
Dibromochloromethane	Ave	0.3526	0.3782		53.6	50.0	7.3	20.0
Ethylene Dibromide	Ave	0.3593	0.3739	0.1000	52.0	50.0	4.1	20.0
1-Chlorohexane	Ave	0.4975	0.4537		45.6	50.0	-8.8	20.0
Chlorobenzene	Ave	1.006	1.015	0.5000	50.4	50.0	0.8	20.0
1,1,1,2-Tetrachloroethane	Ave	0.3752	0.4045		53.9	50.0	7.8	20.0
Ethylbenzene	Ave	1.778	1.780	0.1000	50.1	50.0	0.1	20.0
m&p-Xylene	Ave	0.6984	0.6992	0.1000	100	100	0.1	20.0
o-Xylene	Ave	0.7302	0.7400	0.3000	50.7	50.0	1.3	20.0
Styrene	Ave	1.145	1.143	0.3000	49.9	50.0	-0.2	20.0
Bromoform	Ave	0.2588	0.2799	0.1000	54.1	50.0	8.2	20.0
Isopropylbenzene	Ave	1.753	1.791	0.1000	51.1	50.0	2.1	20.0
1,1,2,2-Tetrachloroethane	Ave	1.125	1.143	0.3000	50.8	50.0	1.6	20.0
Bromobenzene	Ave	0.7386	0.7379		50.0	50.0	-0.0	20.0
trans-1,4-Dichloro-2-butene	Ave	0.3157	0.2882		114	125	-8.7	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Lab Sample ID: CCVIS 410-667897/3 Calibration Date: 07/07/2025 22:17

Instrument ID: 9355 Calib Start Date: 06/27/2025 16:57

GC Column: R-624SilMS 30m ID: 0.25(mm) Calib End Date: 06/27/2025 19:12

Lab File ID: YL07X36.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	0.3340	0.3343		50.1	50.0	0.1	20.0
N-Propylbenzene	Ave	3.696	3.669		49.6	50.0	-0.7	20.0
2-Chlorotoluene	Ave	0.7785	0.7591		48.8	50.0	-2.5	20.0
1,3,5-Trimethylbenzene	Ave	2.897	2.902		50.1	50.0	0.2	20.0
4-Chlorotoluene	Ave	0.7519	0.7329		48.7	50.0	-2.5	20.0
tert-Butylbenzene	Ave	0.5542	0.5896		53.2	50.0	6.4	20.0
1,2,4-Trimethylbenzene	Ave	2.984	2.952		49.5	50.0	-1.1	20.0
sec-Butylbenzene	Ave	3.686	3.826		51.9	50.0	3.8	20.0
1,3-Dichlorobenzene	Ave	1.517	1.527	0.6000	50.3	50.0	0.7	20.0
p-Isopropyltoluene	Ave	3.224	3.390		52.6	50.0	5.1	20.0
1,4-Dichlorobenzene	Ave	1.564	1.542	0.5000	49.3	50.0	-1.4	20.0
1,2,3-Trimethylbenzene	Ave	3.241	3.249		50.1	50.0	0.3	20.0
Benzyl chloride	Ave	2.242	2.198		49.0	50.0	-2.0	20.0
1,3-Diethylbenzene	Ave	1.895	1.911		50.4	50.0	0.9	20.0
1,4-Diethylbenzene	Ave	2.015	2.032		50.4	50.0	0.9	20.0
n-Butylbenzene	Ave	1.617	1.612		49.9	50.0	-0.3	20.0
1,2-Dichlorobenzene	Ave	1.620	1.640	0.4000	50.6	50.0	1.2	20.0
1,2-Diethylbenzene	Ave	1.682	1.741		51.8	50.0	3.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.3591	0.3654	0.0500	50.9	50.0	1.7	20.0
1,3,5-Trichlorobenzene	Ave	1.324	1.348		50.9	50.0	1.8	20.0
1,2,4-Trichlorobenzene	Ave	1.365	1.373	0.2000	50.3	50.0	0.6	20.0
Hexachlorobutadiene	Ave	0.5747	0.5259		45.8	50.0	-8.5	20.0
Naphthalene	Ave	5.247	5.338		50.9	50.0	1.7	20.0
1,2,3-Trichlorobenzene	Ave	1.428	1.412		49.4	50.0	-1.1	20.0
2-Methylnaphthalene	Ave	3.044	2.530		41.6	50.0	-16.9	20.0
Dibromofluoromethane (Surr)	Ave	0.2376	0.2449		51.5	50.0	3.1	20.0
1,2-Dichloroethane-d4 (Surr)	Ave	0.0604	0.0621		51.5	50.0	2.9	20.0
Toluene-d8 (Surr)	Ave	1.348	1.370		50.8	50.0	1.6	20.0
4-Bromofluorobenzene (Surr)	Ave	0.5157	0.5050		49.0	50.0	-2.1	20.0

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X36.D
Lims ID: CCVIS
Client ID:
Sample Type: CCVIS
Inject. Date: 07-Jul-2025 22:17:30 ALS Bottle#: 2 Worklist Smp#: 3
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-003
Misc. Info.: CCVIS
Operator ID: AGD105956 Instrument ID: 9355
Sublist: chrom-MSVoa_9355*sub46

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 07-Jul-2025 23:00:57

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.823	0.000	99	401475	50.0	45.0	
6 Chloromethane	50	1.995	1.995	0.000	99	519508	50.0	46.4	
8 Butadiene	39	2.088	2.088	0.000	92	479264	50.0	47.9	
7 Vinyl chloride	62	2.095	2.095	0.000	97	489456	50.0	47.3	
10 Bromomethane	94	2.410	2.410	0.000	91	356805	50.0	49.2	
11 Chloroethane	64	2.460	2.460	0.000	100	242373	50.0	46.9	
12 Dichlorofluoromethane	67	2.681	2.681	0.000	97	753409	50.0	47.6	
13 Pentane	43	2.753	2.753	0.000	98	407955	50.0	41.6	
14 Trichlorofluoromethane	101	2.782	2.782	0.000	96	534230	50.0	49.4	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.039	3.039	0.000	91	341181	50.0	46.5	
18 Acrolein	56	3.082	3.082	0.000	99	1062146	487.9	575.3	
19 1,1-Dichloroethene	96	3.218	3.218	0.000	98	239015	50.0	48.5	
20 Acetone	58	3.232	3.232	0.000	100	131541	100.0	129.5	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.275	0.000	93	289852	50.0	45.2	
22 Isopropyl alcohol	45	3.375	3.375	0.000	96	337372	250.0	198.0	
23 Iodomethane	142	3.411	3.411	0.000	99	495462	50.0	50.2	
24 Carbon disulfide	76	3.511	3.511	0.000	99	828816	50.0	46.2	
26 Methyl acetate	43	3.618	3.618	0.000	98	346512	50.0	52.9	
27 3-Chloro-1-propene	41	3.647	3.647	0.000	91	389960	50.0	45.9	
* 28 t-Butyl alcohol-d10 (IS)	65	3.804	3.804	0.000	97	478784	250.0	250.0	
29 Methylene Chloride	84	3.818	3.818	0.000	93	295787	50.0	51.3	
30 2-Methyl-2-propanol	59	3.911	3.911	0.000	99	535794	250.0	277.8	
31 Acrylonitrile	53	4.097	4.097	0.000	99	480974	125.0	129.6	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	95	991776	50.0	49.4	
33 trans-1,2-Dichloroethene	96	4.212	4.212	0.000	99	249212	50.0	50.8	
35 Hexane	57	4.634	4.634	0.000	92	357003	50.0	44.3	
37 1,1-Dichloroethane	63	4.855	4.855	0.000	96	448705	50.0	50.6	
38 Isopropyl ether	45	4.927	4.927	0.000	95	901724	50.0	49.1	
39 2-Chloro-1,3-butadiene	53	4.977	4.977	0.000	90	383858	50.0	48.4	
41 Tert-butyl ethyl ether	59	5.477	5.477	0.000	97	883713	50.0	46.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
42 2-Butanone (MEK)	43	5.670	5.670	0.000	99	548088	100.0	102.0	
43 cis-1,2-Dichloroethene	96	5.706	5.706	0.000	82	292746	50.0	50.7	
44 2,2-Dichloropropane	77	5.735	5.735	0.000	92	439080	50.0	49.0	
45 Propionitrile	54	5.742	5.742	0.000	99	452777	250.0	273.5	
48 Methacrylonitrile	67	5.971	5.971	0.000	92	473531	125.0	128.0	
50 Chlorobromomethane	128	6.049	6.049	0.000	96	152671	50.0	53.6	
51 Tetrahydrofuran	71	6.064	6.064	0.000	92	391928	250.0	273.8	
53 Chloroform	83	6.199	6.199	0.000	93	453807	50.0	51.1	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	256725	50.0	51.5	
55 1,1,1-Trichloroethane	97	6.443	6.443	0.000	98	446775	50.0	50.8	
56 Cyclohexane	56	6.557	6.557	0.000	91	503468	50.0	44.0	
57 1,1-Dichloropropene	75	6.664	6.664	0.000	98	363011	50.0	50.0	
58 Carbon tetrachloride	117	6.671	6.671	0.000	97	375751	50.0	52.0	
59 Isobutyl alcohol	41	6.800	6.800	0.000	95	395513	625.0	618.0	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	65153	50.0	51.5	
61 Benzene	78	6.922	6.922	0.000	96	1112971	50.0	50.6	
62 1,2-Dichloroethane	62	7.000	7.000	0.000	97	367619	50.0	51.3	
64 Tert-amyl methyl ether	73	7.129	7.129	0.000	98	884872	50.0	47.3	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1048401	50.0	50.0	
66 n-Heptane	43	7.365	7.365	0.000	92	390844	50.0	48.6	
67 n-Butanol	56	7.708	7.708	0.000	91	324952	625.0	681.5	
69 Trichloroethene	95	7.837	7.837	0.000	99	278493	50.0	49.5	
71 Methylcyclohexane	83	8.151	8.151	0.000	92	535129	50.0	46.4	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	97	293780	50.0	49.5	
73 2-ethoxy-2-methyl butane	87	8.187	8.187	0.000	90	437084	50.0	49.2	
74 Methyl methacrylate	69	8.252	8.252	0.000	92	278284	50.0	49.0	
75 1,4-Dioxane	88	8.266	8.266	0.000	38	104004	625.0	634.2	M
76 Dibromomethane	93	8.280	8.280	0.000	97	192423	50.0	51.0	
78 Dichlorobromomethane	83	8.523	8.523	0.000	99	343188	50.0	50.9	
79 2-Nitropropane	41	8.766	8.766	0.000	98	609295	250.0	257.9	
80 2-Chloroethyl vinyl ether	63	8.895	8.895	0.000	91	204298	50.0	53.2	
81 cis-1,3-Dichloropropene	75	9.088	9.088	0.000	96	442895	50.0	49.1	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	97	1134600	100.0	108.7	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1059361	50.0	50.8	
95 Toluene	92	9.496	9.496	0.000	98	685810	50.0	50.6	
96 trans-1,3-Dichloropropene	75	9.767	9.767	0.000	92	407992	50.0	49.8	
97 Ethyl methacrylate	69	9.839	9.839	0.000	90	458459	50.0	48.0	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	267258	50.0	50.8	
114 Tetrachloroethene	166	10.082	10.082	0.000	97	292202	50.0	52.5	
115 1,3-Dichloropropane	76	10.154	10.154	0.000	90	449037	50.0	52.0	
117 2-Hexanone	43	10.204	10.204	0.000	97	798859	100.0	110.1	
119 Chlorodibromomethane	129	10.375	10.375	0.000	89	292384	50.0	53.6	
120 Ethylene Dibromide	107	10.490	10.490	0.000	99	289081	50.0	52.0	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	87	773050	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.954	0.000	98	350741	50.0	45.6	
132 Chlorobenzene	112	10.961	10.961	0.000	96	784542	50.0	50.4	
134 1,1,1,2-Tetrachloroethane	131	11.047	11.047	0.000	95	312668	50.0	53.9	
135 Ethylbenzene	91	11.054	11.054	0.000	98	1375824	50.0	50.1	
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	1080962	100.0	100.1	
139 o-Xylene	106	11.512	11.512	0.000	96	572065	50.0	50.7	
140 Styrene	104	11.526	11.526	0.000	94	883225	50.0	49.9	
141 Bromoform	173	11.684	11.684	0.000	96	216373	50.0	54.1	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
142 Isopropylbenzene	105	11.820	11.820	0.000	95	1384172	50.0	51.1	
$ 145 4-Bromofluorobenzene (Surr)	95	11.963	11.963	0.000	90	390386	50.0	49.0	
147 1,1,2,2-Tetrachloroethane	83	12.063	12.063	0.000	94	540259	50.0	50.8	
149 Bromobenzene	156	12.077	12.077	0.000	97	348794	50.0	50.0	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.091	0.000	90	340514	125.0	114.1	
150 1,2,3-Trichloropropane	110	12.106	12.106	0.000	83	158026	50.0	50.1	
151 N-Propylbenzene	91	12.156	12.156	0.000	99	1734151	50.0	49.6	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	358799	50.0	48.8	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	1371426	50.0	50.1	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	346430	50.0	48.7	
156 tert-Butylbenzene	134	12.535	12.535	0.000	93	278678	50.0	53.2	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	1395405	50.0	49.5	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	1808434	50.0	51.9	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	721963	50.0	50.3	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	1602068	50.0	52.6	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	94	472656	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.878	0.000	94	728646	50.0	49.3	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	1535724	50.0	50.1	
168 Benzyl chloride	91	12.949	12.949	0.000	98	1038768	50.0	49.0	
169 1,3-Diethylbenzene	119	13.014	13.014	0.000	96	903360	50.0	50.4	
170 p-Diethylbenzene	119	13.085	13.085	0.000	95	960633	50.0	50.4	
171 n-Butylbenzene	92	13.107	13.107	0.000	97	762083	50.0	49.9	
172 1,2-Dichlorobenzene	146	13.135	13.135	0.000	98	775065	50.0	50.6	
173 o-diethylbenzene	119	13.157	13.157	0.000	94	822784	50.0	51.8	
176 1,2-Dibromo-3-Chloropropane	75	13.679	13.679	0.000	87	172708	50.0	50.9	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	98	637025	50.0	50.9	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	648898	50.0	50.3	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	248587	50.0	45.8	
181 Naphthalene	128	14.415	14.415	0.000	97	2522935	50.0	50.9	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	667579	50.0	49.4	
183 2-Methylnaphthalene	142	15.166	15.166	0.000	92	1195895	50.0	41.6	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_CCV_2CEVE_00235	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#1_00243	Amount Added:	5.00	Units: uL	
MSV_CCV_VOC#3_00245	Amount Added:	4.00	Units: uL	
MSV_CCV_GASES_01075	Amount Added:	2.50	Units: uL	
MSV_HP20_ISSS_00160	Amount Added:	1.00	Units: uL	Run Reagent

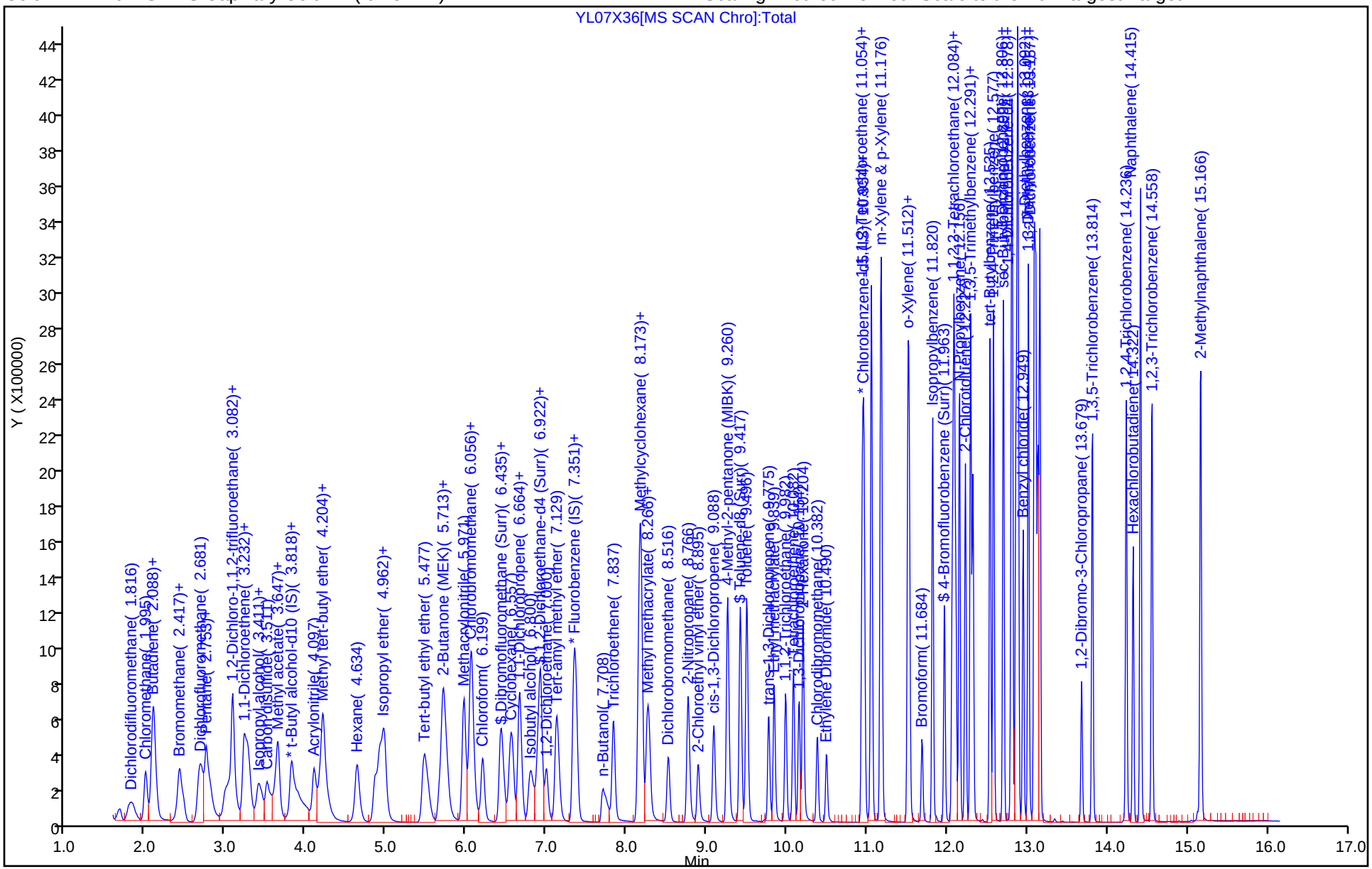
Report Date: 08-Jul-2025 02:38:16 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X36.D

Injection Date:	07-Jul-2025 22:17:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	CCVIS			Worklist Smp#:	3
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	2
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

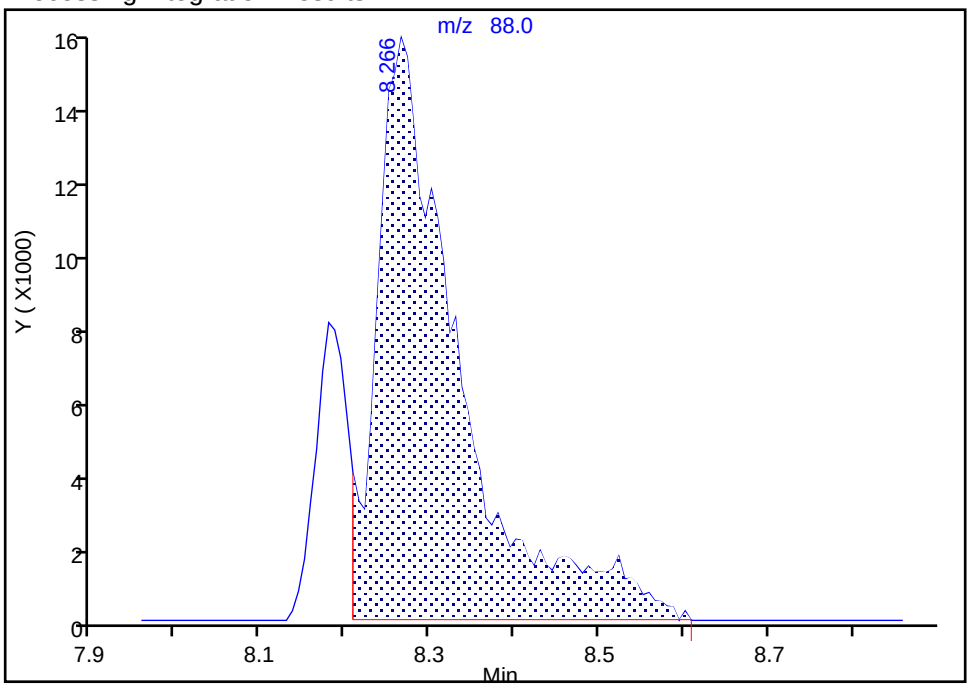
Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X36.D				
Injection Date:	07-Jul-2025 22:17:30	Instrument ID:	9355		
Lims ID:	CCVIS				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	2	Worklist Smp#:	3
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

75 1,4-Dioxane, CAS: 123-91-1

Signal: 1

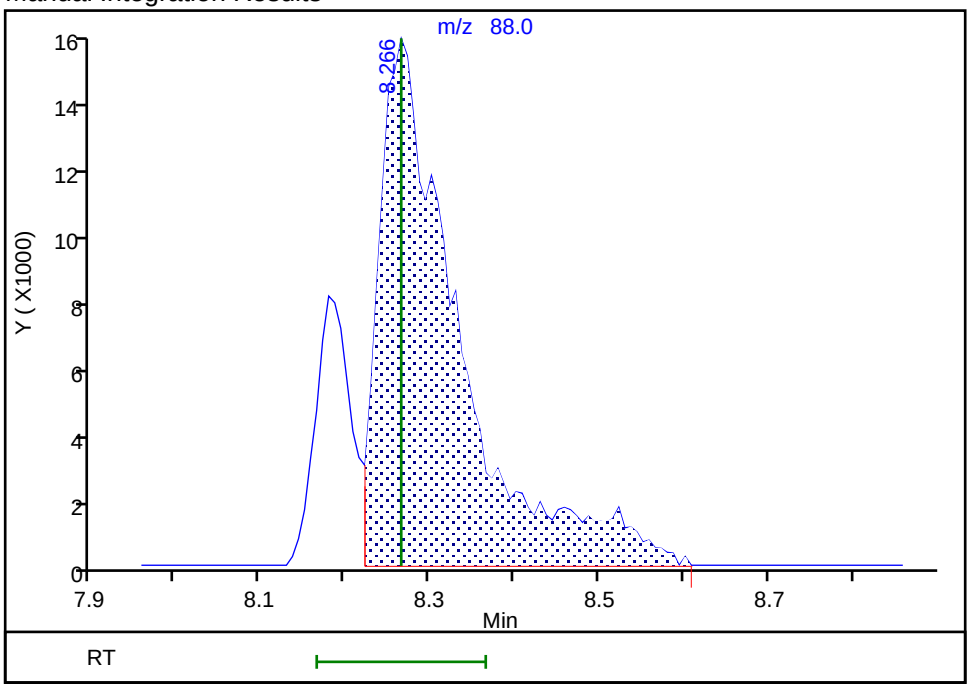
Processing Integration Results

RT: 8.27
Area: 107120
Amount: 653.1602
Amount Units: ug/l



Manual Integration Results

RT: 8.27
Area: 104004
Amount: 634.1605
Amount Units: ug/l



Reviewer: Z6YX, 07-Jul-2025 22:40:31 -04:00:00 (UTC)
Audit Action: Split an Integrated Peak Audit Reason: Incomplete Integration

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 27-Jun-2025 16:09:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0151826-001
Misc. Info.: BFB
Operator ID: kas02648 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 30-Jun-2025 13:42:43 Calib Date: 26-Jun-2025 19:49:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250626-151631.b\YU26X21.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1644

First Level Reviewer: UCB5 Date: 30-Jun-2025 13:42:43

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 34 BFB	95	4.418	4.418	0.000	0	424731	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

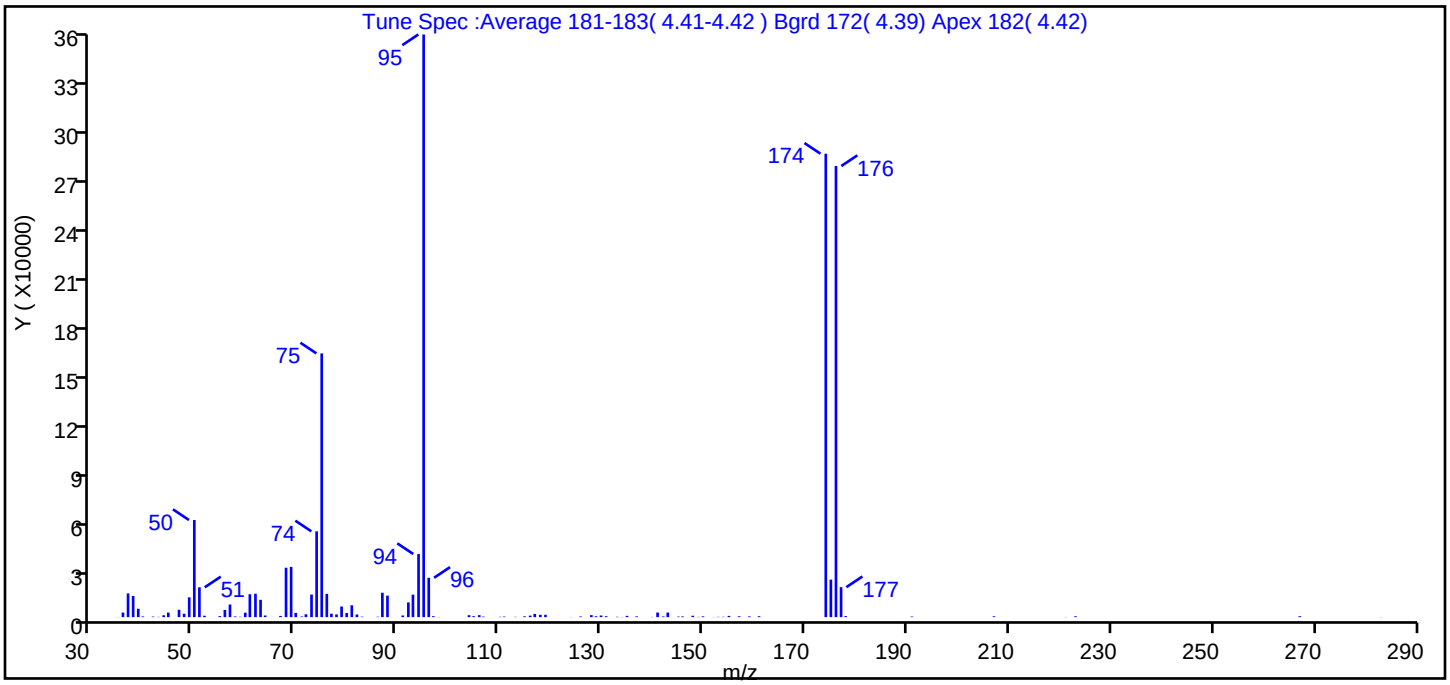
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D
Injection Date: 27-Jun-2025 16:09:30 Instrument ID: 9355
Lims ID: bfb
Client ID:
Operator ID: kas02648 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

$ 34 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.7
75	30 to 60% of m/z 95	45.3
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	79.5
175	5 to 9% of m/z 174	6.4 (8.1)
176	Greater than 95% but less than 101% of m/z 174	77.4 (97.3)
177	5 to 9% of m/z 176	5.1 (6.7)

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D\MSVoa_9355.rslt\spectra.d
Injection Date: 27-Jun-2025 16:09:30
Spectrum: Tune Spec :Average 181-183(4.41-4.42) Bgrd 172(4.39) Apex 182(4.42)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 106

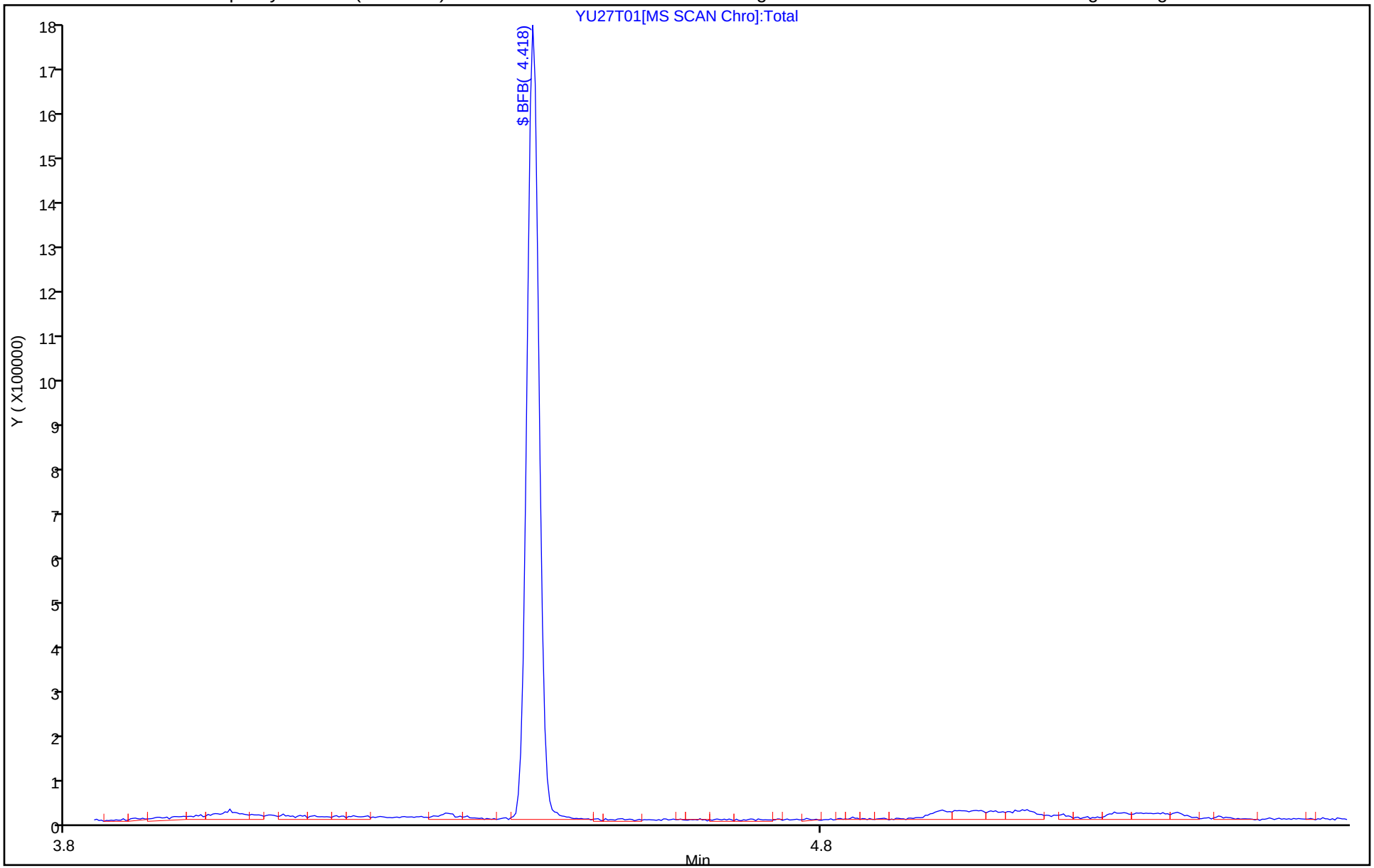
m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	98	67.00	748	98.00	108	145.00	319
36.00	2795	68.00	30272	104.00	1199	146.00	449
37.00	14527	69.00	30768	105.00	565	147.00	36
38.00	12985	70.00	2618	106.00	1227	148.00	852
39.00	5143	71.00	388	107.00	338	149.00	134
40.00	427	72.00	1755	110.00	199	150.00	477
41.00	22	73.00	13857	111.00	344	152.00	84
42.00	333	74.00	52568	113.00	183	153.00	178
43.00	154	75.00	161536	115.00	496	154.00	200
44.00	1134	76.00	14253	116.00	940	155.00	768
45.00	2767	77.00	2105	117.00	1980	157.00	523
47.00	4531	78.00	1679	118.00	1438	159.00	456
48.00	2098	79.00	6516	119.00	1447	161.00	563
49.00	12112	80.00	2510	124.00	92	174.00	283840
50.00	59480	81.00	7262	126.00	395	175.00	23000
51.00	18264	82.00	1631	128.00	1228	176.00	276288
52.00	861	83.00	288	129.00	538	177.00	18376
55.00	626	86.00	250	130.00	1002	178.00	614
56.00	4417	87.00	14940	131.00	571	191.00	361
57.00	7735	88.00	13183	133.00	219	207.00	520
58.00	428	91.00	1013	134.00	89	208.00	8
59.00	235	92.00	9031	135.00	802	221.00	105
60.00	2743	93.00	13758	137.00	469	223.00	518
61.00	14026	94.00	38680	140.00	119	267.00	571
62.00	14367	95.00	356864	141.00	2840	283.00	89
63.00	10603	96.00	24112	142.00	422		
64.00	1013	97.00	578	143.00	2821		

Report Date: 30-Jun-2025 13:42:43 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27T01.D				
Injection Date:	27-Jun-2025 16:09:30	Instrument ID:	9355	Operator ID:	kas02648
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\YU27T31.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 27-Jun-2025 21:19:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0151863-001
Misc. Info.: BFB
Operator ID: MCD07824 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 27-Jun-2025 22:29:57 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Y6ZN Date: 27-Jun-2025 21:34:44

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 34 BFB	95	4.418	4.418	0.000	0	322973	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

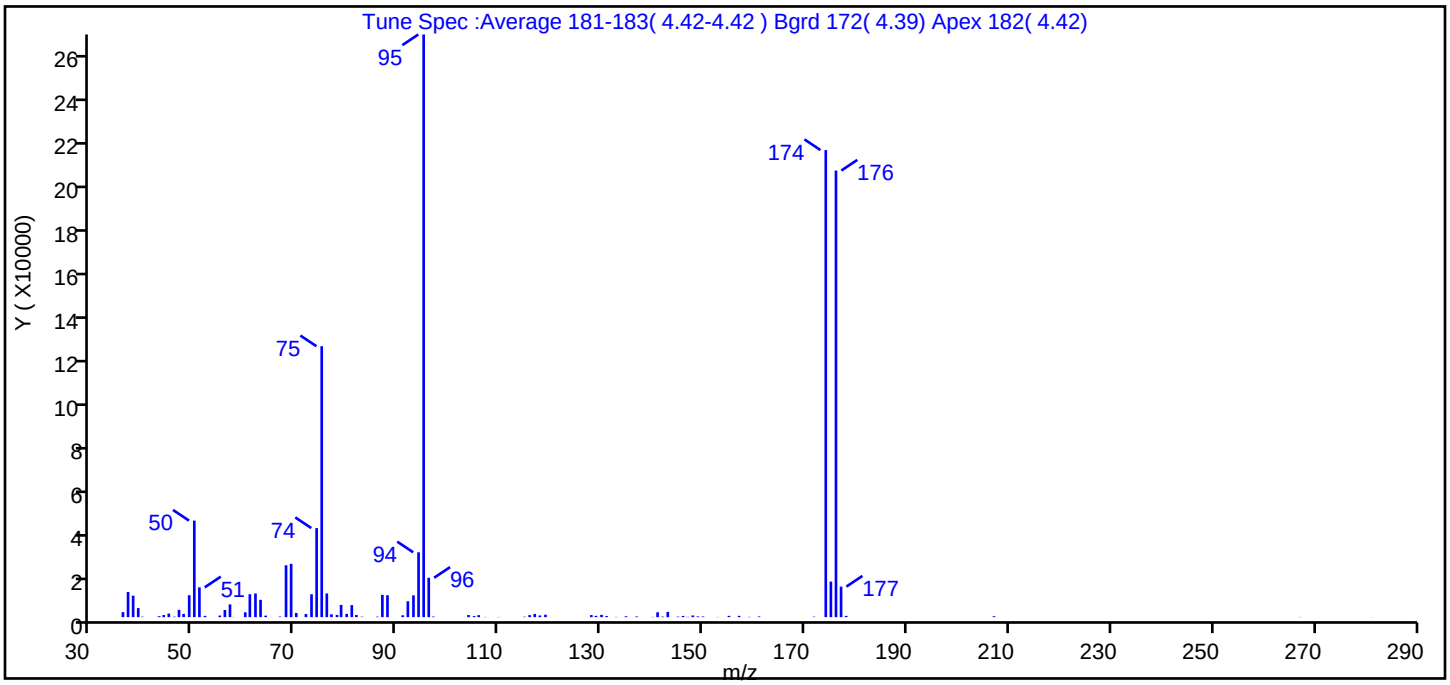
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\YU27T31.D
Injection Date: 27-Jun-2025 21:19:30 Instrument ID: 9355
Lims ID: bfb
Client ID:
Operator ID: MCD07824 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Method: MSVoa_9355 Limit Group: MSV - 8260C_D
Tune Method: BFB Method 8260

$ 34 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.6
75	30 to 60% of m/z 95	46.5
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	80.2
175	5 to 9% of m/z 174	6.1 (7.6)
176	Greater than 95% but less than 101% of m/z 174	76.6 (95.6)
177	5 to 9% of m/z 176	5.2 (6.8)

Data File: \\chromfs\Lancaster\ChromData\9355\20250627-151863.b\YU27T31.D\MSVoa_9355.rslt\spectra.d
Injection Date: 27-Jun-2025 21:19:30
Spectrum: Tune Spec :Average 181-183(4.42-4.42) Bgrd 172(4.39) Apex 182(4.42)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 91

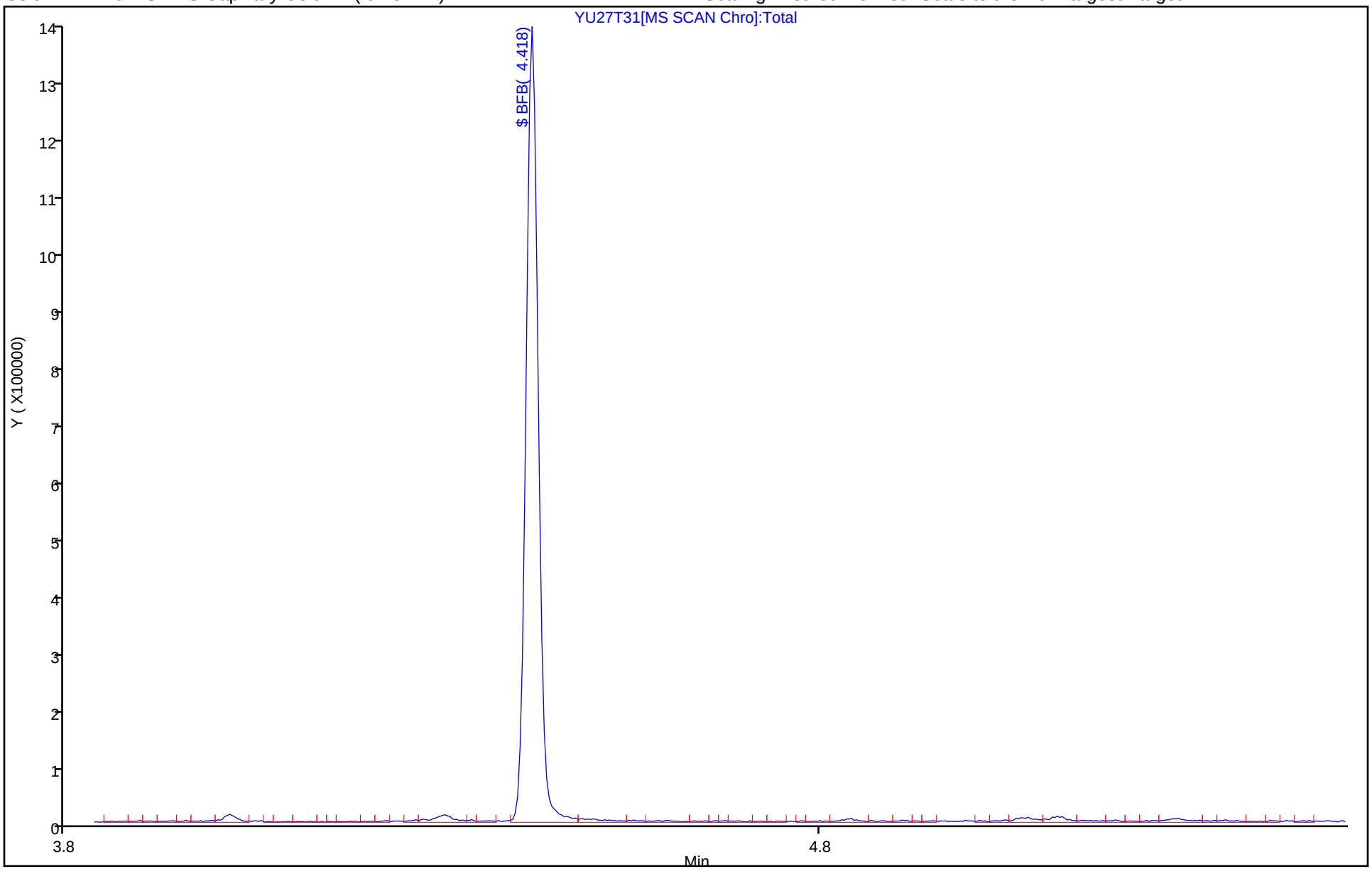
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2296	64.00	683	94.00	29544	142.00	236
37.00	11469	67.00	268	95.00	265536	143.00	2403
38.00	9792	68.00	23632	96.00	17936	145.00	247
39.00	4124	69.00	24312	97.00	269	146.00	562
40.00	205	70.00	1915	104.00	963	147.00	133
43.00	420	72.00	1425	105.00	479	148.00	762
44.00	959	73.00	10427	106.00	909	149.00	338
45.00	1627	74.00	40584	107.00	102	150.00	296
46.00	208	75.00	123472	110.00	84	153.00	91
47.00	3321	76.00	10798	115.00	201	155.00	589
48.00	1490	77.00	1279	116.00	925	157.00	593
49.00	9998	78.00	1011	117.00	1466	159.00	137
50.00	44000	79.00	5576	118.00	766	161.00	305
51.00	13585	80.00	1485	119.00	1102	172.00	207
52.00	583	81.00	5495	128.00	937	174.00	212864
55.00	725	82.00	972	129.00	592	175.00	16214
56.00	3271	83.00	194	130.00	1049	176.00	203520
57.00	5812	86.00	219	131.00	483	177.00	13917
58.00	88	87.00	10161	133.00	103	178.00	580
60.00	2194	88.00	9995	135.00	412	207.00	422
61.00	10452	91.00	837	137.00	320	267.00	92
62.00	10797	92.00	7237	140.00	112	281.00	37
63.00	7876	93.00	9940	141.00	2213		

Report Date: 27-Jun-2025 22:29:57 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250627-151863.b\YU27T31.D				
Injection Date:	27-Jun-2025 21:19:30	Instrument ID:	9355	Operator ID:	MCD07824
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

Column: Rxi-624Sil MS Capillary Column (0.25 mm) Y Scaling: Method Defined: Scale to the Nth Largest Target: 2



Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07T35.D
Lims ID: bfb
Client ID:
Sample Type: BFB
Inject. Date: 07-Jul-2025 21:37:30 ALS Bottle#: 1 Worklist Smp#: 1
Injection Vol: 1.0 uL Dil. Factor: 1.0000
Sample Info: 410-0152669-001
Misc. Info.: BFB
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:39:01 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 07-Jul-2025 21:50:09

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 34 BFB	95	4.418	4.418	0.000	0	341276	NC	NC	

QC Flag Legend

Processing Flags
NC - Not Calibrated

Reagents:

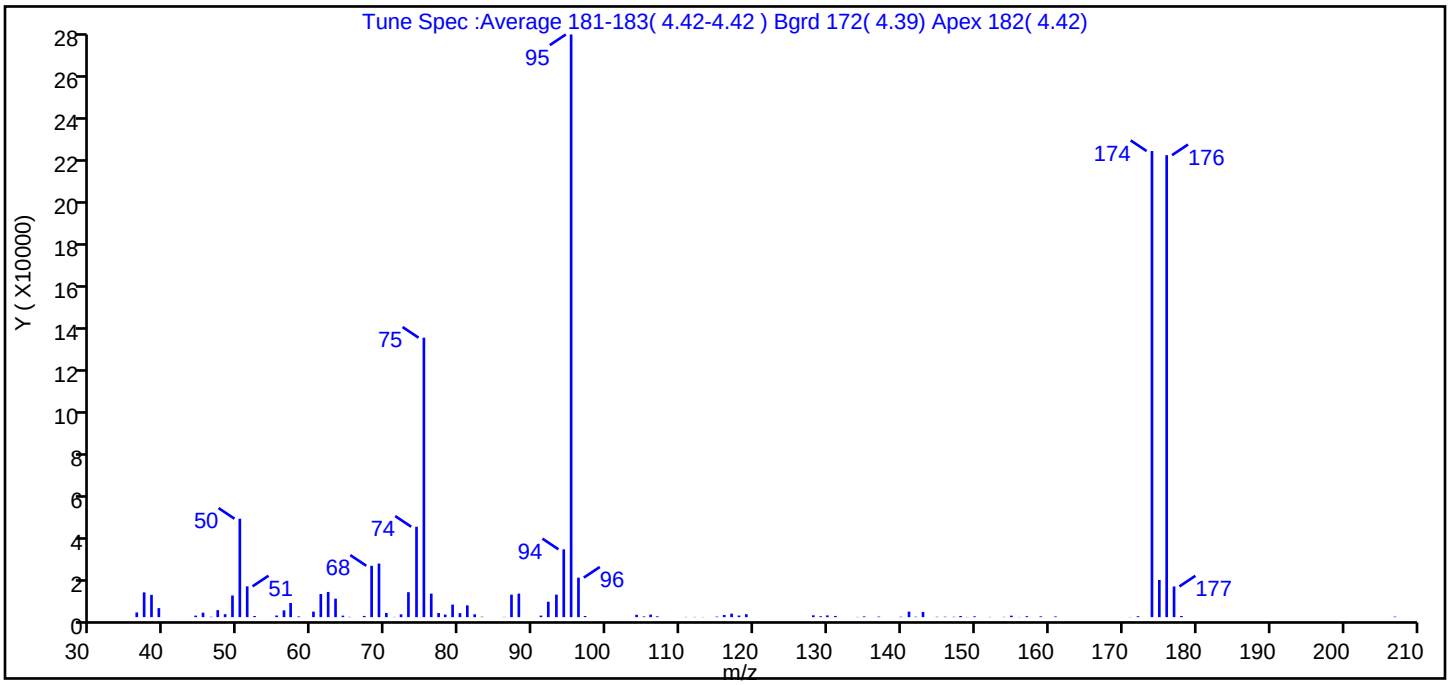
MSV_V_BFB_00019 Amount Added: 1.00 Units: uL

MS Tune Report

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07T35.D				
Injection Date:	07-Jul-2025 21:37:30	Instrument ID:	9355		
Lims ID:	bfb				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	1	Worklist Smp#:	1
Injection Vol:	1.0 uL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Tune Method:	BFB Method 8260				

$ 34 BFB



m/z	Ion Abundance Criteria	% Relative Abundance
95	Base peak, 100% relative abundance	100.0
50	15 to 40% of m/z 95	16.9
75	30 to 60% of m/z 95	48.0
96	5 to 9% of m/z 95	6.8
173	Less than 2% of m/z 174	0.0 (0.0)
174	50 to 120% of m/z 95	80.0
175	5 to 9% of m/z 174	6.4 (8.0)
176	Greater than 95% but less than 101% of m/z 174	79.3 (99.1)
177	5 to 9% of m/z 176	5.3 (6.6)

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07T35.D\MSVoa_9355.rslt\spectra.d
Injection Date: 07-Jul-2025 21:37:30
Spectrum: Tune Spec :Average 181-183(4.42-4.42) Bgrd 172(4.39) Apex 182(4.42)
Base Peak: 95.10
Minimum % Base Peak: 0
Number of Points: 94

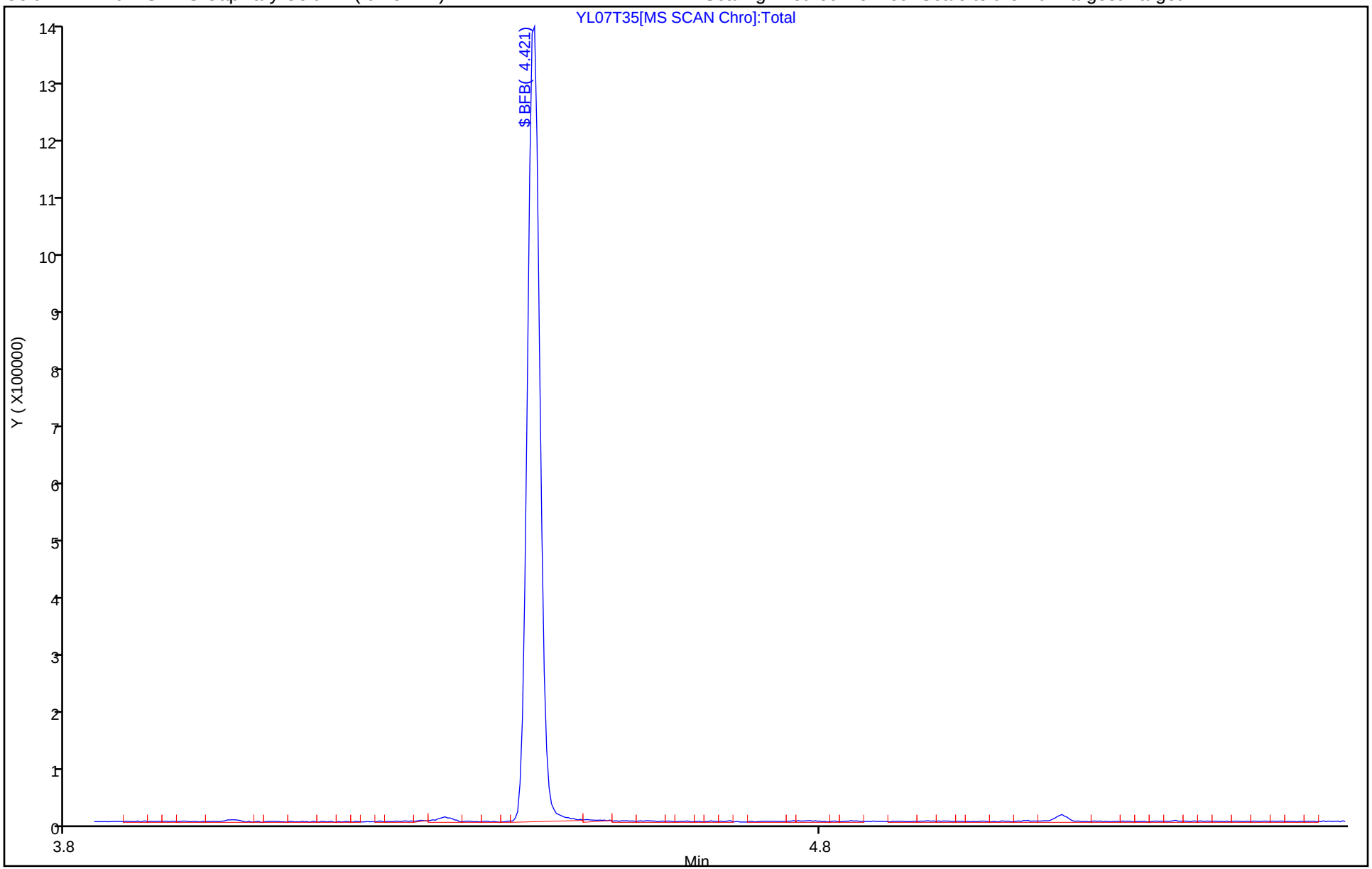
m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	2214	68.00	24024	96.00	18480	143.00	2429
37.00	11587	69.00	25072	97.00	541	145.00	176
38.00	10420	70.00	1963	104.00	1100	146.00	198
39.00	4225	71.00	105	105.00	319	147.00	173
44.00	721	72.00	1309	106.00	1193	148.00	522
45.00	2088	73.00	11673	107.00	384	149.00	99
46.00	183	74.00	42288	111.00	108	150.00	389
47.00	3283	75.00	130704	112.00	106	152.00	101
48.00	1380	76.00	10986	113.00	84	154.00	122
49.00	10134	77.00	1927	115.00	264	155.00	691
50.00	46032	78.00	1186	116.00	992	156.00	95
51.00	14393	79.00	5864	117.00	1643	157.00	441
52.00	517	80.00	1858	118.00	753	159.00	371
55.00	758	81.00	5506	119.00	1358	161.00	336
56.00	3174	82.00	1328	128.00	856	171.00	84
57.00	6619	83.00	190	129.00	419	172.00	425
58.00	330	86.00	109	130.00	796	174.00	217984
60.00	2586	87.00	10521	131.00	558	175.00	17376
61.00	10818	88.00	10998	134.00	97	176.00	216064
62.00	11790	91.00	723	135.00	343	177.00	14346
63.00	8645	92.00	7209	137.00	264	178.00	552
64.00	709	93.00	10533	140.00	204	207.00	259
65.00	126	94.00	31720	141.00	2579		
67.00	557	95.00	272512	142.00	209		

Report Date: 08-Jul-2025 02:39:02 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07T35.D				
Injection Date:	07-Jul-2025 21:37:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	bfb			Worklist Smp#:	1
Client ID:					
Injection Vol:	1.0 uL	Dil. Factor:	1.0000	ALS Bottle#:	1
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-667897/7

Matrix: Water
Lab File ID: YL07X40.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/07/2025 23:47

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

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	Ethylene Dibromide	ND		1.0	0.20
107-06-2	1,2-Dichloroethane	ND		1.0	0.30
78-87-5	1,2-Dichloropropane	ND		1.0	0.30
78-93-3	2-Butanone (MEK)	ND		10	1.0
591-78-6	2-Hexanone	ND		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	ND		10	0.50
67-64-1	Acetone	ND		20	0.70
71-43-2	Benzene	ND		1.0	0.30
74-97-5	Bromochloromethane	ND		5.0	0.20
75-27-4	Bromodichloromethane	ND		1.0	0.20
75-25-2	Bromoform	ND		4.0	1.0
74-83-9	Bromomethane	ND		1.0	0.30
75-15-0	Carbon disulfide	ND		5.0	0.30
56-23-5	Carbon tetrachloride	ND		1.0	0.30
108-90-7	Chlorobenzene	ND		1.0	0.30
75-00-3	Chloroethane	ND		1.0	0.30
67-66-3	Chloroform	ND		1.0	0.30
74-87-3	Chloromethane	ND		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	ND		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	ND		1.0	0.20
124-48-1	Dibromochloromethane	ND		1.0	0.20
100-41-4	Ethylbenzene	ND		1.0	0.40
1634-04-4	Methyl tert-butyl ether	ND		1.0	0.20
75-09-2	Methylene Chloride	ND		1.0	0.30
100-42-5	Styrene	ND		5.0	0.30
127-18-4	Tetrachloroethene	ND		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID:
Lab Sample ID: MB 410-667897/7

Matrix: Water
Lab File ID: YL07X40.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/07/2025 23:47

Soil Aliquot Vol:
Dilution Factor: 1

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

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

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

Analysis Batch No.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	ND		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	ND		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	ND		1.0	0.20
79-01-6	Trichloroethene	ND		1.0	0.30
75-01-4	Vinyl chloride	ND		1.0	0.30
1330-20-7	Xylenes, Total	ND		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	104		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X40.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Jul-2025 23:47:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-007
Misc. Info.: MB
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 08-Jul-2025 02:37:41

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
3 Chlorotrifluoroethene	116		1.781					ND	
4 Chlorodifluoromethane	51		1.816					ND	
5 Dichlorodifluoromethane	85		1.823					ND	
6 Chloromethane	50		1.995					ND	
8 Butadiene	39		2.088					ND	
7 Vinyl chloride	62		2.095					ND	
9 2-Chloro-1,1,1-Trifluoroethane	118		2.152					ND	
10 Bromomethane	94		2.410					ND	
11 Chloroethane	64		2.460					ND	
12 Dichlorofluoromethane	67		2.681					ND	
13 Pentane	43		2.753					ND	7
14 Trichlorofluoromethane	101		2.782					ND	
15 Ethanol	45		2.925					ND	
16 Ethyl ether	59		2.946					ND	
17 1,2-Dichloro-1,1,2-trifluoroetha	67		3.039					ND	
18 Acrolein	56		3.082					ND	
19 1,1-Dichloroethene	96		3.218					ND	
20 Acetone	58		3.232					ND	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101		3.275					ND	
22 Isopropyl alcohol	45		3.375					ND	
23 Iodomethane	142		3.411					ND	
24 Carbon disulfide	76		3.511					ND	
25 Acetonitrile	41		3.561					ND	
26 Methyl acetate	43		3.618					ND	
27 3-Chloro-1-propene	41		3.647					ND	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.804	0.007	33	511680	250.0	250.0	
29 Methylene Chloride	84		3.818					ND	
30 2-Methyl-2-propanol	59		3.911					ND	
31 Acrylonitrile	53		4.097					ND	
32 Methyl tert-butyl ether	73		4.190					ND	
33 trans-1,2-Dichloroethene	96		4.212					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
35 Hexane	57		4.634					ND	
37 1,1-Dichloroethane	63		4.855					ND	
36 Vinyl acetate	43		4.862					ND	
38 Isopropyl ether	45		4.927					ND	
39 2-Chloro-1,3-butadiene	53		4.977					ND	
41 Tert-butyl ethyl ether	59		5.477					ND	
42 2-Butanone (MEK)	43		5.670					ND	
43 cis-1,2-Dichloroethene	96		5.706					ND	
44 2,2-Dichloropropane	77		5.735					ND	
45 Propionitrile	54		5.742					ND	
46 Ethyl acetate	43		5.756					ND	
47 Methyl acrylate	55		5.813					ND	
48 Methacrylonitrile	67		5.971					ND	
50 Chlorobromomethane	128		6.049					ND	
51 Tetrahydrofuran	71		6.064					ND	
S 49 1,2-Dichloroethene, Total	100		6.155					ND	7
53 Chloroform	83		6.199					ND	
$ 54 Dibromofluoromethane (Surr)	113	6.421	6.421	0.000	93	259012	50.0	52.6	
55 1,1,1-Trichloroethane	97		6.443					ND	
56 Cyclohexane	56		6.557					ND	
57 1,1-Dichloropropene	75		6.664					ND	
58 Carbon tetrachloride	117		6.671					ND	
59 Isobutyl alcohol	41		6.800					ND	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	64767	50.0	51.8	
61 Benzene	78		6.922					ND	
62 1,2-Dichloroethane	62		7.000					ND	
63 Isopropyl acetate	43		7.007					ND	
64 Tert-amyl methyl ether	73		7.129					ND	
* 65 Fluorobenzene (IS)	96	7.336	7.336	0.000	99	1035852	50.0	50.0	
66 n-Heptane	43		7.365					ND	
67 n-Butanol	56		7.708					ND	
68 t-Amyl alcohol	73		7.837					ND	
69 Trichloroethene	95		7.837					ND	
70 Ethyl acrylate	55		8.151					ND	
71 Methylcyclohexane	83		8.151					ND	
72 1,2-Dichloropropane	63		8.166					ND	
73 2-ethoxy-2-methyl butane	87		8.187					ND	
74 Methyl methacrylate	69		8.252					ND	
75 1,4-Dioxane	88		8.266					ND	
76 Dibromomethane	93		8.280					ND	
77 n-Propyl acetate	61		8.330					ND	
78 Dichlorobromomethane	83		8.523					ND	
79 2-Nitropropane	41		8.766					ND	
80 2-Chloroethyl vinyl ether	63		8.895					ND	
81 cis-1,3-Dichloropropene	75		9.088					ND	
82 4-Methyl-2-pentanone (MIBK)	43		9.260					ND	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1015880	50.0	52.0	
95 Toluene	92		9.496					ND	
96 trans-1,3-Dichloropropene	75		9.767					ND	
97 Ethyl methacrylate	69		9.839					ND	
113 1,1,2-Trichloroethane	97		9.982					ND	
S 112 1,3-Dichloropropene, Total	100		10.060					ND	7

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
114 Tetrachloroethene	166		10.082				ND		
115 1,3-Dichloropropane	76		10.154				ND		
116 3,4-Dichloro-1-butene	75		10.189				ND		
117 2-Hexanone	43		10.204				ND		
118 n-Butyl acetate	43		10.339				ND		
119 Chlorodibromomethane	129		10.375				ND		
120 Ethylene Dibromide	107		10.490				ND		
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	86	725153	50.0	50.0	
122 1-Chlorohexane	91		10.954				ND		U
132 Chlorobenzene	112		10.961				ND		
134 1,1,1,2-Tetrachloroethane	131		11.047				ND		
135 Ethylbenzene	91		11.054				ND		
137 m-Xylene & p-Xylene	106		11.176				ND		
S 136 Xylenes, Total	106		11.245				ND		7
138 n-Butyl acrylate	55		11.462				ND		
139 o-Xylene	106		11.512				ND		
140 Styrene	104		11.526				ND		
141 Bromoform	173		11.684				ND		
142 Isopropylbenzene	105		11.820				ND		
143 cis-1,4-Dichloro-2-butene	88		11.855				ND		
144 Cyclohexanone	55		11.884				ND		7
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	0.000	90	377904	50.0	50.5	
147 1,1,2,2-Tetrachloroethane	83		12.063				ND		
149 Bromobenzene	156		12.077				ND		
148 trans-1,4-Dichloro-2-butene	53		12.091				ND		
150 1,2,3-Trichloropropane	110		12.106				ND		
151 N-Propylbenzene	91		12.156				ND		
152 2-Chlorotoluene	126		12.227				ND		
153 1,3,5-Trimethylbenzene	105		12.291				ND		
154 4-Chlorotoluene	126		12.320				ND		
155 2,3,4-Trichlorobutene	109		12.334				ND		
156 tert-Butylbenzene	134		12.535				ND		
157 Pentachloroethane	167		12.563				ND		
158 1,2,4-Trimethylbenzene	105		12.577				ND		7
159 sec-Butylbenzene	105		12.699				ND		7
160 1,3-Dichlorobenzene	146		12.799				ND		7
161 4-Isopropyltoluene	119		12.813				ND		7
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	462060	50.0	50.0	
163 1,4-Dichlorobenzene	146		12.878				ND		7
167 1,2,3-Trimethylbenzene	105		12.885				ND		
168 Benzyl chloride	91		12.949				ND		7
169 1,3-Diethylbenzene	119		13.014				ND		7
170 p-Diethylbenzene	119		13.085				ND		7
171 n-Butylbenzene	92		13.107				ND		7
172 1,2-Dichlorobenzene	146		13.135				ND		
173 o-diethylbenzene	119		13.157				ND		7
174 Hexachloroethane	201		13.560				ND		
176 1,2-Dibromo-3-Chloropropane	75		13.679				ND		
175 2-Butoxyethyl acetate	43		13.743				ND		
177 1,3,5-Trichlorobenzene	180		13.814				ND		7
178 1,2,4-Trichlorobenzene	180		14.236				ND		7
179 2-Ethylhexyl acrylate	55		14.293				ND		

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
180 Hexachlorobutadiene	225		14.322					ND	7
181 Naphthalene	128		14.415					ND	7
182 1,2,3-Trichlorobenzene	180		14.558					ND	7
183 2-Methylnaphthalene	142		15.166					ND	7
184 C4-C10	1		0.000					ND	
185 Propene oxide	1		0.000					ND	
186 1,3-Divinylbenzene	1		0.000					ND	
187 Propanol	1		0.000					ND	
188 3-chloro-1-Butene TIC	1		0.000					ND	
237 Chlorotrifluoromethane TIC	1		0.000					ND	
190 1,1-Dichloro-1-fluoroethane	1		0.000					ND	
191 Diethoxymethane	1		0.000					ND	
192 1,1,2,2-Tetrachloro-1,2-difluoro	1		0.000					ND	
193 Isobutyl acetate	43		0.000					ND	
194 1,4-Divinylbenzene	1		0.000					ND	
195 3-Methylhexane TIC	1		0.000					ND	
224 1,1,1,2-Tetrafluoroethane TIC	1		0.000					ND	
197 C6-C12	1		0.000					ND	
S 198 divinyl benzene	1		0.000					ND	7
199 3-Methyl-1-butene	1		0.000					ND	
200 trans-1,2,3-Trichlorobutene-2	1		0.000					ND	
201 cis-1,2,3-Trichlorobutene-2	1		0.000					ND	
202 3-chloro-1-Butene	1		0.000					ND	
203 C5-C12	1		0.000					ND	
204 C6-C10	1		0.000					ND	
205 n-Octane	1		0.000					ND	
206 Undecane	1		0.000					ND	
207 C4-C12	1		0.000					ND	
208 2,3-Dichloro-1,3-butadiene	1		0.000					ND	
211 1-Chlorobutane	1		0.000					ND	
S 210 Total BTEX	1		0.000					ND	
209 1-Bromo-2-chloroethane	1		0.000					ND	
212 Dodecane	57		0.000					ND	
213 sec-Butyl Alcohol	45		0.000					ND	
214 Butane	1		0.000					ND	
215 n-Decane	57		0.000					ND	
216 Ethyl bromide	1		0.000					ND	
217 Methylal	1		0.000					ND	
218 n-Nonane	1		0.000					ND	
219 4-Ethyltoluene	1		0.000					ND	
220 Gasoline (Unleaded)	1		0.000					ND	
221 1-Methylnaphthalene	142		0.000					ND	
$ 222 trans-1,2,3-Trichlorobutene-2 TI	1		0.000					ND	
223 Chloroacetonitrile	1		0.000					ND	
196 tert-Butyl Formate	1		0.000					ND	
225 2,3-Dimethylbutane TIC	1		0.000					ND	
226 2,2-Dimethylbutane TIC	1		0.000					ND	
228 Decamethylcyclopentasiloxane TIC	1		0.000					ND	
189 1,1,2-Trichloro-1,2,2-trifluoroe	1		0.000					ND	
229 Dimethyl Sulfide TIC	1		0.000					ND	
230 2,2-Dimethylpropane TIC	1		0.000					ND	
231 2-Methylhexane TIC	1		0.000					ND	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
232 1-Methylnaphthalene (TIC)	1		0.000					ND	
233 3-Methylpentane TIC	1		0.000					ND	
234 Cyclopentane TIC	1		0.000					ND	
S 235 Total Diethylbenzene	1		0.000					ND	7
236 2-ethoxy-2-methyl butane TIC	1		0.000					ND	
290 C7-C12	1		0.000					ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Review Flags

U - Marked Undetected

Reagents:

MSV_HP20_ISSS_00160 Amount Added: 1.00 Units: uL Run Reagent

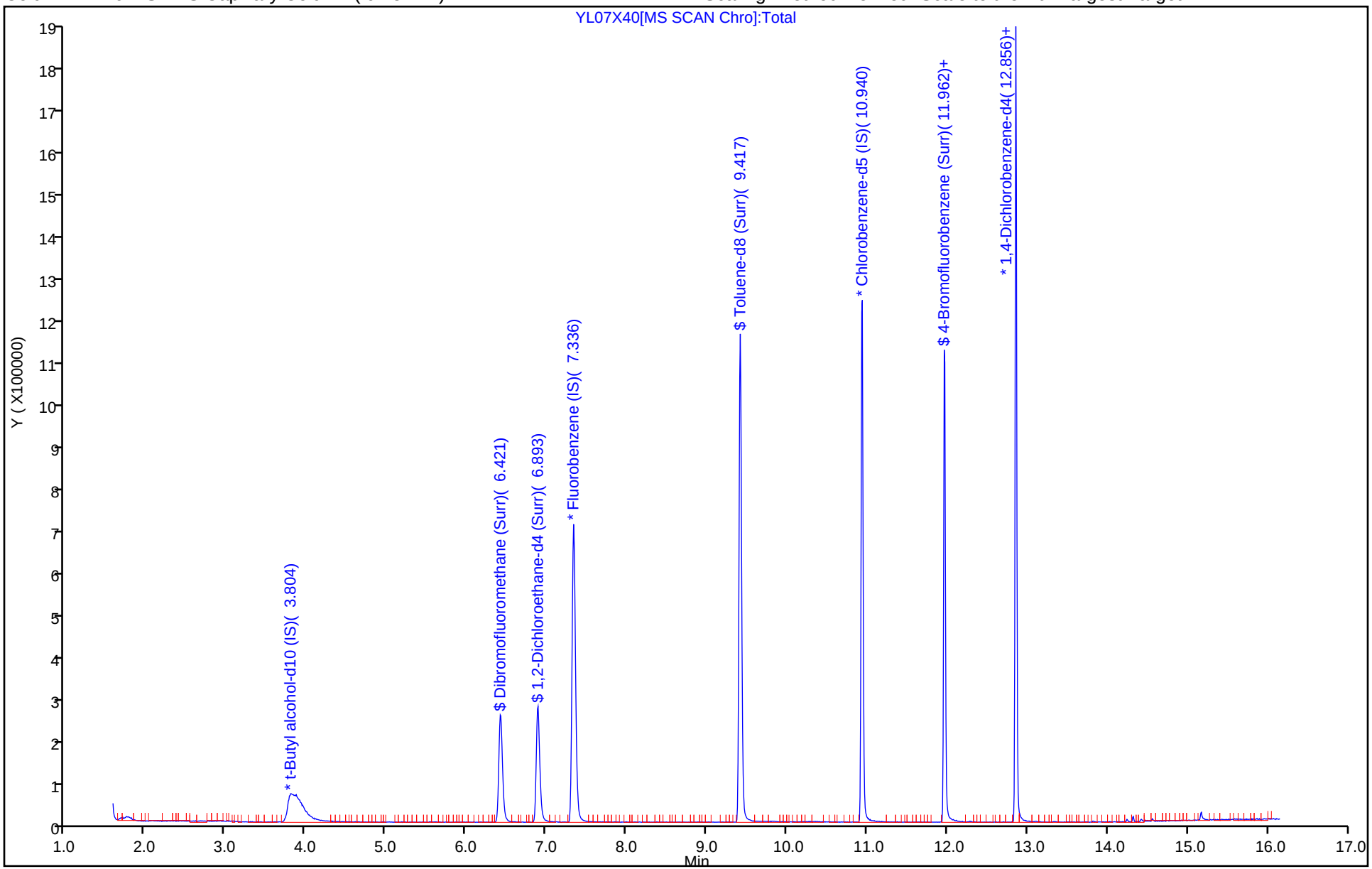
Report Date: 08-Jul-2025 02:38:59 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X40.D

Injection Date:	07-Jul-2025 23:47:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	MB			Worklist Smp#:	7
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	6
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X40.D
Lims ID: MB
Client ID:
Sample Type: MB
Inject. Date: 07-Jul-2025 23:47:30 ALS Bottle#: 6 Worklist Smp#: 7
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-007
Misc. Info.: MB
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 08-Jul-2025 02:37:41

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	52.6	105.25
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	51.8	103.58
$ 83 Toluene-d8 (Surr)	50.0	52.0	103.92
$ 145 4-Bromofluorobenzene (Surr)	50.0	50.5	101.06

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-667897/4

Matrix: Water
Lab File ID: YL07X37.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/07/2025 22:39

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.8		1.0	0.30
71-55-6	1,1,1-Trichloroethane	19.7		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	19.8		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.30
75-34-3	1,1-Dichloroethane	20.9		1.0	0.30
75-35-4	1,1-Dichloroethene	20.3		1.0	0.30
106-93-4	Ethylene Dibromide	20.2		1.0	0.20
107-06-2	1,2-Dichloroethane	19.5		1.0	0.30
78-87-5	1,2-Dichloropropane	19.5		1.0	0.30
78-93-3	2-Butanone (MEK)	250		10	1.0
591-78-6	2-Hexanone	260		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	258		10	0.50
67-64-1	Acetone	256		20	0.70
71-43-2	Benzene	19.5		1.0	0.30
74-97-5	Bromochloromethane	21.1		5.0	0.20
75-27-4	Bromodichloromethane	19.4		1.0	0.20
75-25-2	Bromoform	20.0		4.0	1.0
74-83-9	Bromomethane	18.1		1.0	0.30
75-15-0	Carbon disulfide	18.0		5.0	0.30
56-23-5	Carbon tetrachloride	19.8		1.0	0.30
108-90-7	Chlorobenzene	19.6		1.0	0.30
75-00-3	Chloroethane	17.5		1.0	0.30
67-66-3	Chloroform	20.4		1.0	0.30
74-87-3	Chloromethane	18.7		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.3		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.4		1.0	0.20
124-48-1	Dibromochloromethane	20.4		1.0	0.20
100-41-4	Ethylbenzene	19.5		1.0	0.40
1634-04-4	Methyl tert-butyl ether	19.1		1.0	0.20
75-09-2	Methylene Chloride	20.9		1.0	0.30
100-42-5	Styrene	19.8		5.0	0.30
127-18-4	Tetrachloroethene	20.2		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCS 410-667897/4

Matrix: Water
Lab File ID: YL07X37.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/07/2025 22:39

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.3		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.4		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.3		1.0	0.20
79-01-6	Trichloroethene	19.0		1.0	0.30
75-01-4	Vinyl chloride	18.4		1.0	0.30
1330-20-7	Xylenes, Total	59.3		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	101		80-120
460-00-4	4-Bromofluorobenzene (Surr)	101		80-120
1868-53-7	Dibromofluoromethane (Surr)	104		80-120
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X37.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Jul-2025 22:39:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-004
Misc. Info.: LCS
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 07-Jul-2025 23:14:36

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.823	1.823	0.000	99	169920	20.0	18.9	
6 Chloromethane	50	2.002	1.995	0.007	98	210409	20.0	18.7	
8 Butadiene	39	2.095	2.088	0.007	92	211355	20.0	21.0	
7 Vinyl chloride	62	2.109	2.095	0.014	98	191612	20.0	18.4	
10 Bromomethane	94	2.417	2.410	0.007	91	132267	20.0	18.1	
11 Chloroethane	64	2.460	2.460	0.000	100	91075	20.0	17.5	
12 Dichlorofluoromethane	67	2.688	2.681	0.007	97	277821	20.0	17.5	
13 Pentane	43	2.760	2.753	0.007	97	121958	20.0	12.4	
14 Trichlorofluoromethane	101	2.781	2.782	-0.001	92	192261	20.0	17.7	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.024	3.039	-0.015	91	124427	20.0	16.8	
18 Acrolein	56	3.089	3.082	0.007	99	310014	146.3	154.2	
19 1,1-Dichloroethene	96	3.225	3.218	0.007	96	100610	20.0	20.3	
20 Acetone	58	3.232	3.232	0.000	100	282625	250.0	255.7	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.275	3.275	0.000	93	102287	20.0	15.9	
22 Isopropyl alcohol	45	3.382	3.375	0.007	96	167495	150.0	90.3	
23 Iodomethane	142	3.418	3.411	0.007	98	188703	20.0	19.0	
24 Carbon disulfide	76	3.518	3.511	0.007	100	325549	20.0	18.0	
26 Methyl acetate	43	3.625	3.618	0.007	98	161832	20.0	24.6	
27 3-Chloro-1-propene	41	3.654	3.647	0.007	91	148382	20.0	17.4	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.804	0.007	92	521194	250.0	250.0	
29 Methylene Chloride	84	3.825	3.818	0.007	93	121046	20.0	20.9	
30 2-Methyl-2-propanol	59	3.925	3.911	0.014	100	431369	200.0	205.4	
31 Acrylonitrile	53	4.104	4.097	0.007	99	380591	100.0	102.0	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	94	384756	20.0	19.1	
33 trans-1,2-Dichloroethene	96	4.219	4.212	0.007	99	100787	20.0	20.4	
35 Hexane	57	4.640	4.634	0.006	95	114090	20.0	14.1	
37 1,1-Dichloroethane	63	4.862	4.855	0.007	96	185939	20.0	20.9	
38 Isopropyl ether	45	4.926	4.927	-0.001	94	349825	20.0	18.9	
39 2-Chloro-1,3-butadiene	53	4.984	4.977	0.007	90	144213	20.0	18.1	
41 Tert-butyl ethyl ether	59	5.477	5.477	0.000	97	341718	20.0	17.7	
42 2-Butanone (MEK)	43	5.670	5.670	0.000	100	1348536	250.0	249.7	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 cis-1,2-Dichloroethene	96	5.713	5.706	0.007	81	118076	20.0	20.3	
44 2,2-Dichloropropane	77	5.734	5.735	-0.001	89	166327	20.0	18.5	
45 Propionitrile	54	5.749	5.742	0.007	98	275081	150.0	152.7	
48 Methacrylonitrile	67	5.970	5.971	-0.001	92	567597	150.0	152.6	
50 Chlorobromomethane	128	6.056	6.049	0.007	73	60579	20.0	21.1	
51 Tetrahydrofuran	71	6.070	6.064	0.006	92	152889	100.0	98.1	
53 Chloroform	83	6.206	6.199	0.007	93	182167	20.0	20.4	
$ 54 Dibromofluoromethane (Surr)	113	6.428	6.421	0.007	93	260581	50.0	52.0	
55 1,1,1-Trichloroethane	97	6.442	6.443	-0.001	97	174409	20.0	19.7	
56 Cyclohexane	56	6.564	6.557	0.007	91	177765	20.0	15.5	
57 1,1-Dichloropropene	75	6.664	6.664	0.000	95	135133	20.0	18.5	
58 Carbon tetrachloride	117	6.671	6.671	0.000	89	143857	20.0	19.8	
59 Isobutyl alcohol	41	6.814	6.800	0.014	96	312423	500.0	448.4	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	64011	50.0	50.3	
61 Benzene	78	6.929	6.922	0.006	97	431256	20.0	19.5	
62 1,2-Dichloroethane	62	7.007	7.000	0.007	97	140357	20.0	19.5	
64 Tert-amyl methyl ether	73	7.129	7.129	0.000	98	335966	20.0	17.9	
* 65 Fluorobenzene (IS)	96	7.343	7.336	0.007	99	1054107	50.0	50.0	
66 n-Heptane	43	7.372	7.365	0.007	93	120548	20.0	14.9	
67 n-Butanol	56	7.708	7.708	0.000	89	529137	1000.0	1019.4	
69 Trichloroethene	95	7.837	7.837	0.000	98	107329	20.0	19.0	
71 Methylcyclohexane	83	8.158	8.151	0.007	89	172284	20.0	14.9	
72 1,2-Dichloropropane	63	8.165	8.166	-0.001	80	115971	20.0	19.5	
73 2-ethoxy-2-methyl butane	87	8.187	8.187	0.000	91	160468	20.0	18.0	
74 Methyl methacrylate	69	8.258	8.252	0.006	91	104959	20.0	18.4	
75 1,4-Dioxane	88	8.258	8.266	-0.008	38	90802	500.0	508.6	M
76 Dibromomethane	93	8.280	8.280	0.000	97	76123	20.0	20.1	
78 Dichlorobromomethane	83	8.523	8.523	0.000	99	131239	20.0	19.4	
79 2-Nitropropane	41	8.766	8.766	0.000	99	37078	20.0	14.4	
80 2-Chloroethyl vinyl ether	63	8.895	8.895	0.000	92	70914	20.0	18.4	
81 cis-1,3-Dichloropropene	75	9.088	9.088	0.000	96	157484	20.0	17.4	
82 4-Methyl-2-pentanone (MIBK)	43	9.259	9.260	-0.001	97	2703520	250.0	257.7	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1087244	50.0	52.1	
95 Toluene	92	9.503	9.496	0.007	99	275137	20.0	20.3	
96 trans-1,3-Dichloropropene	75	9.774	9.767	0.007	92	149832	20.0	18.3	
97 Ethyl methacrylate	69	9.846	9.839	0.007	90	172179	20.0	18.0	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	108068	20.0	20.5	
114 Tetrachloroethene	166	10.082	10.082	0.000	97	112651	20.0	20.2	
115 1,3-Dichloropropane	76	10.153	10.154	-0.001	90	172386	20.0	20.0	
117 2-Hexanone	43	10.203	10.204	-0.001	96	1886768	250.0	259.8	
119 Chlorodibromomethane	129	10.382	10.375	0.007	89	111151	20.0	20.4	
120 Ethylene Dibromide	107	10.496	10.490	0.006	98	112573	20.0	20.2	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	85	773564	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.954	0.000	97	133100	20.0	17.3	
132 Chlorobenzene	112	10.968	10.961	0.007	95	305525	20.0	19.6	
134 1,1,1,2-Tetrachloroethane	131	11.054	11.047	0.007	95	120942	20.0	20.8	
135 Ethylbenzene	91	11.054	11.054	0.000	98	536542	20.0	19.5	
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	100	426509	40.0	39.5	
139 o-Xylene	106	11.512	11.512	0.000	96	224080	20.0	19.8	
140 Styrene	104	11.526	11.526	0.000	95	350638	20.0	19.8	
141 Bromoform	173	11.683	11.684	-0.001	97	79992	20.0	20.0	
142 Isopropylbenzene	105	11.819	11.820	-0.001	95	611641	20.0	22.5	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	0.000	89	401783	50.0	50.4	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	93	216566	20.0	19.8	
149 Bromobenzene	156	12.077	12.077	0.000	97	140381	20.0	19.5	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.091	0.000	92	253945	100.0	82.5	
150 1,2,3-Trichloropropane	110	12.105	12.106	-0.001	81	63888	20.0	19.6	
151 N-Propylbenzene	91	12.155	12.156	-0.001	99	688066	20.0	19.1	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	143933	20.0	19.0	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	538900	20.0	19.1	
154 4-Chlorotoluene	126	12.320	12.320	0.000	97	138272	20.0	18.9	
156 tert-Butylbenzene	134	12.534	12.535	-0.001	93	101450	20.0	18.8	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	545428	20.0	18.8	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	682358	20.0	19.0	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	287469	20.0	19.4	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	594823	20.0	18.9	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	487234	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.878	0.000	95	293739	20.0	19.3	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	593817	20.0	18.8	
168 Benzyl chloride	91	12.949	12.949	0.000	99	375989	20.0	17.2	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	95	351660	20.0	19.0	
170 p-Diethylbenzene	119	13.085	13.085	0.000	96	374364	20.0	19.1	
171 n-Butylbenzene	92	13.106	13.107	-0.001	97	296759	20.0	18.8	
172 1,2-Dichlorobenzene	146	13.135	13.135	0.000	98	310569	20.0	19.7	
173 o-diethylbenzene	119	13.156	13.157	-0.001	95	311664	20.0	19.0	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.679	-0.001	86	64105	20.0	18.3	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	98	256491	20.0	19.9	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	94	268769	20.0	20.2	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	104321	20.0	18.6	
181 Naphthalene	128	14.415	14.415	0.000	97	1009444	20.0	19.7	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	96	277149	20.0	19.9	
183 2-Methylnaphthalene	142	15.166	15.166	0.000	92	591581	20.0	19.9	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_HP20_ISSS_00160	Amount Added: 1.00	Units: uL	Run Reagent

Report Date: 08-Jul-2025 02:38:19 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X37.D

Injection Date: 07-Jul-2025 22:39:30 Instrument ID: 9355 Operator ID: AGD105956

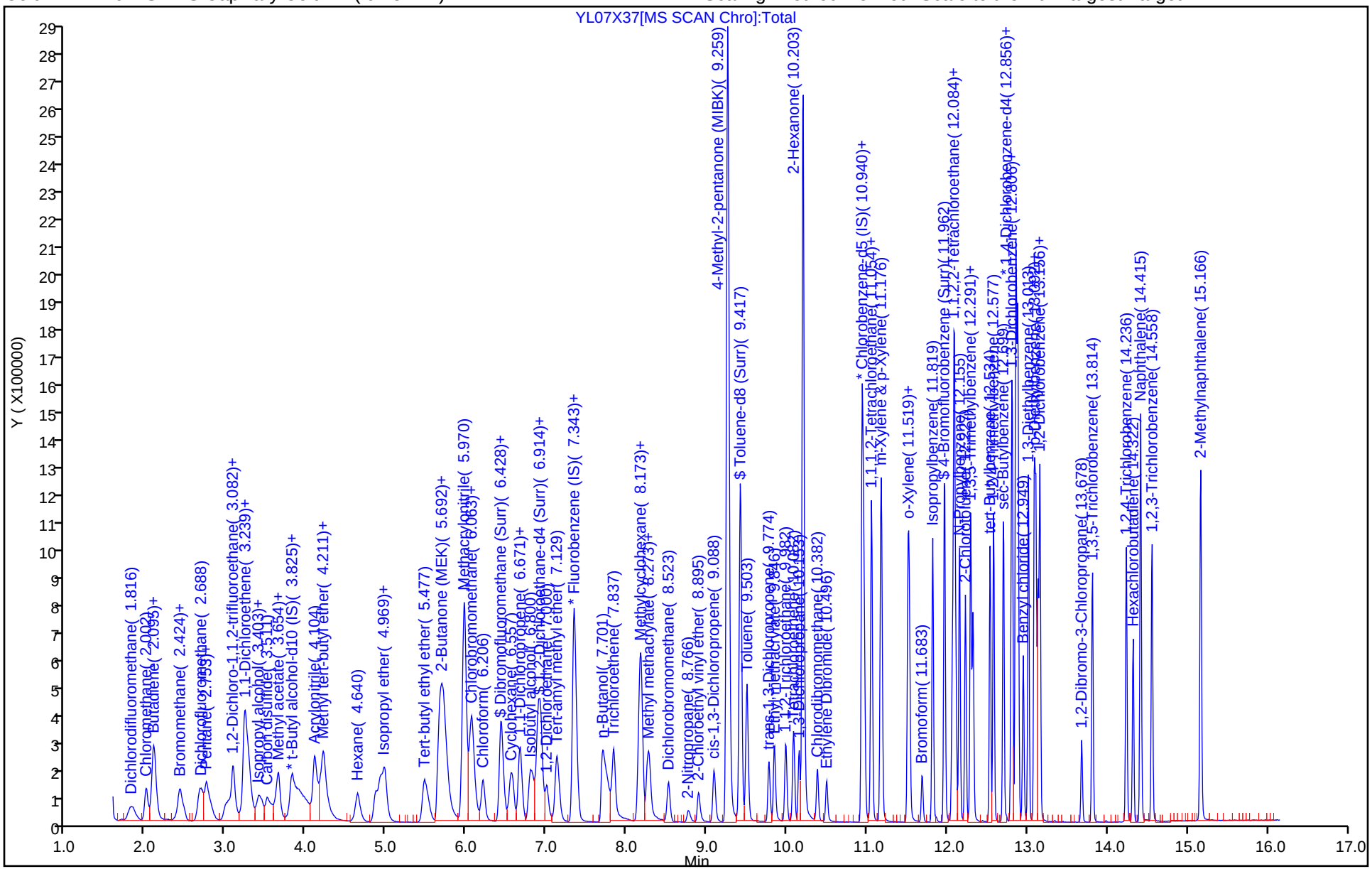
Lims ID: LCS Worklist Smp#: 4

Client ID:

Purge Vol: 5.000 mL Dil. Factor: 1.0000 ALS Bottle#: 3

Method: MSVoa_9355 Limit Group: MSV - 8260C_D

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X37.D
Lims ID: LCS
Client ID:
Sample Type: LCS
Inject. Date: 07-Jul-2025 22:39:30 ALS Bottle#: 3 Worklist Smp#: 4
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-004
Misc. Info.: LCS
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 07-Jul-2025 23:14:36

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	52.0	104.05
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	50.3	100.59
$ 83 Toluene-d8 (Surr)	50.0	52.1	104.26
$ 145 4-Bromofluorobenzene (Surr)	50.0	50.4	100.72

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-667897/5

Matrix: Water
Lab File ID: YL07X38.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/07/2025 23:02

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
630-20-6	1,1,1,2-Tetrachloroethane	20.6		1.0	0.30
71-55-6	1,1,1-Trichloroethane	20.0		1.0	0.30
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.0	0.30
79-00-5	1,1,2-Trichloroethane	20.5		1.0	0.30
75-34-3	1,1-Dichloroethane	20.4		1.0	0.30
75-35-4	1,1-Dichloroethene	20.6		1.0	0.30
106-93-4	Ethylene Dibromide	19.9		1.0	0.20
107-06-2	1,2-Dichloroethane	20.2		1.0	0.30
78-87-5	1,2-Dichloropropane	19.1		1.0	0.30
78-93-3	2-Butanone (MEK)	250		10	1.0
591-78-6	2-Hexanone	261		10	0.85
108-10-1	4-Methyl-2-pentanone (MIBK)	257		10	0.50
67-64-1	Acetone	280		20	0.70
71-43-2	Benzene	19.8		1.0	0.30
74-97-5	Bromochloromethane	21.6		5.0	0.20
75-27-4	Bromodichloromethane	19.6		1.0	0.20
75-25-2	Bromoform	20.0		4.0	1.0
74-83-9	Bromomethane	18.3		1.0	0.30
75-15-0	Carbon disulfide	17.4		5.0	0.30
56-23-5	Carbon tetrachloride	19.9		1.0	0.30
108-90-7	Chlorobenzene	20.1		1.0	0.30
75-00-3	Chloroethane	17.7		1.0	0.30
67-66-3	Chloroform	20.6		1.0	0.30
74-87-3	Chloromethane	18.8		2.0	0.55
156-59-2	cis-1,2-Dichloroethene	20.4		1.0	0.30
10061-01-5	cis-1,3-Dichloropropene	17.3		1.0	0.20
124-48-1	Dibromochloromethane	20.1		1.0	0.20
100-41-4	Ethylbenzene	19.6		1.0	0.40
1634-04-4	Methyl tert-butyl ether	18.8		1.0	0.20
75-09-2	Methylene Chloride	21.1		1.0	0.30
100-42-5	Styrene	19.7		5.0	0.30
127-18-4	Tetrachloroethene	20.6		1.0	0.30

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC
Job No.: 410-229235-1

SDG No.:

Client Sample ID:
Lab Sample ID: LCSD 410-667897/5

Matrix: Water
Lab File ID: YL07X38.D

Analysis Method: 8260D
Date Collected:

Sample wt/vol: 5(mL)
Date Analyzed: 07/07/2025 23:02

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.: 667897
Units: ug/L

Preparation Batch No.:
Instrument ID: 9355

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
108-88-3	Toluene	20.4		1.0	0.30
156-60-5	trans-1,2-Dichloroethene	20.5		2.0	0.70
10061-02-6	trans-1,3-Dichloropropene	18.0		1.0	0.20
79-01-6	Trichloroethene	19.1		1.0	0.30
75-01-4	Vinyl chloride	18.1		1.0	0.30
1330-20-7	Xylenes, Total	59.5		1.0	0.40

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4 (Surr)	105		80-120
460-00-4	4-Bromofluorobenzene (Surr)	95		80-120
1868-53-7	Dibromofluoromethane (Surr)	105		80-120
2037-26-5	Toluene-d8 (Surr)	104		80-120

Eurofins Lancaster Laboratories Environment Testing, LLC
Target Compound Quantitation Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X38.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Jul-2025 23:02:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-005
Misc. Info.: LCSD
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 08-Jul-2025 00:03:03

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
5 Dichlorodifluoromethane	85	1.816	1.823	-0.007	99	169155	20.0	18.6	
6 Chloromethane	50	2.002	1.995	0.007	99	214867	20.0	18.8	
8 Butadiene	39	2.095	2.088	0.007	92	214095	20.0	21.0	
7 Vinyl chloride	62	2.102	2.095	0.007	98	191381	20.0	18.1	
10 Bromomethane	94	2.417	2.410	0.007	90	135390	20.0	18.3	
11 Chloroethane	64	2.460	2.460	0.000	100	93246	20.0	17.7	
12 Dichlorofluoromethane	67	2.703	2.681	0.022	97	283685	20.0	17.6	
13 Pentane	43	2.760	2.753	0.007	96	124822	20.0	12.5	
14 Trichlorofluoromethane	101	2.781	2.782	-0.001	96	191429	20.0	17.3	
17 1,2-Dichloro-1,1,2-trifluoroetha	67	3.039	3.039	0.000	92	128627	20.0	17.2	
18 Acrolein	56	3.089	3.082	0.007	99	328323	146.3	175.8	
19 1,1-Dichloroethene	96	3.225	3.218	0.007	45	103755	20.0	20.6	
20 Acetone	58	3.232	3.232	0.000	100	287422	250.0	279.8	
21 1,1,2-Trichloro-1,2,2-trifluoroe	101	3.282	3.275	0.007	93	105377	20.0	16.1	
22 Isopropyl alcohol	45	3.389	3.375	0.014	96	159728	150.0	92.7	
23 Iodomethane	142	3.418	3.411	0.007	98	196142	20.0	19.5	
24 Carbon disulfide	76	3.518	3.511	0.007	99	319358	20.0	17.4	M
26 Methyl acetate	43	3.625	3.618	0.007	97	136069	20.0	20.4	
27 3-Chloro-1-propene	41	3.654	3.647	0.007	92	146933	20.0	16.9	
* 28 t-Butyl alcohol-d10 (IS)	65	3.811	3.804	0.007	95	484368	250.0	250.0	
29 Methylene Chloride	84	3.818	3.818	0.000	93	124165	20.0	21.1	
30 2-Methyl-2-propanol	59	3.940	3.911	0.029	99	423071	200.0	216.8	
31 Acrylonitrile	53	4.104	4.097	0.007	98	369991	100.0	97.6	
32 Methyl tert-butyl ether	73	4.190	4.190	0.000	94	385941	20.0	18.8	
33 trans-1,2-Dichloroethene	96	4.219	4.212	0.007	98	102846	20.0	20.5	
35 Hexane	57	4.640	4.634	0.006	93	114697	20.0	13.9	
37 1,1-Dichloroethane	63	4.862	4.855	0.007	96	184824	20.0	20.4	
38 Isopropyl ether	45	4.926	4.927	-0.001	93	351931	20.0	18.8	
39 2-Chloro-1,3-butadiene	53	4.984	4.977	0.007	90	149237	20.0	18.4	
41 Tert-butyl ethyl ether	59	5.477	5.477	0.000	98	345278	20.0	17.6	
42 2-Butanone (MEK)	43	5.670	5.670	0.000	100	1372010	250.0	250.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
43 cis-1,2-Dichloroethene	96	5.713	5.706	0.007	80	120328	20.0	20.4	
44 2,2-Dichloropropane	77	5.727	5.735	-0.008	71	169608	20.0	18.6	
45 Propionitrile	54	5.742	5.742	0.000	98	281389	150.0	168.0	
48 Methacrylonitrile	67	5.970	5.971	-0.001	92	587535	150.0	155.5	
50 Chlorobromomethane	128	6.056	6.049	0.007	93	62901	20.0	21.6	
51 Tetrahydrofuran	71	6.078	6.064	0.014	92	155921	100.0	107.7	
53 Chloroform	83	6.206	6.199	0.007	93	186512	20.0	20.6	
$ 54 Dibromofluoromethane (Surr)	113	6.428	6.421	0.007	93	266378	50.0	52.4	
55 1,1,1-Trichloroethane	97	6.442	6.443	-0.001	98	179541	20.0	20.0	
56 Cyclohexane	56	6.564	6.557	0.007	91	183903	20.0	15.8	
57 1,1-Dichloropropene	75	6.664	6.664	0.000	97	138999	20.0	18.7	
58 Carbon tetrachloride	117	6.671	6.671	0.000	96	146742	20.0	19.9	
59 Isobutyl alcohol	41	6.800	6.800	0.000	94	306604	500.0	473.5	
$ 60 1,2-Dichloroethane-d4 (Surr)	102	6.893	6.893	0.000	99	67534	50.0	52.3	
61 Benzene	78	6.929	6.922	0.007	97	443419	20.0	19.8	
62 1,2-Dichloroethane	62	7.000	7.000	0.000	97	147568	20.0	20.2	
64 Tert-amyl methyl ether	73	7.129	7.129	0.000	98	350366	20.0	18.4	
* 65 Fluorobenzene (IS)	96	7.343	7.336	0.007	99	1070283	50.0	50.0	
66 n-Heptane	43	7.372	7.365	0.007	94	123955	20.0	15.1	
67 n-Butanol	56	7.708	7.708	0.000	90	506915	1000.0	1050.9	
69 Trichloroethene	95	7.837	7.837	0.000	98	109403	20.0	19.1	
71 Methylcyclohexane	83	8.158	8.151	0.007	90	176986	20.0	15.0	
72 1,2-Dichloropropane	63	8.166	8.166	0.000	92	115609	20.0	19.1	
73 2-ethoxy-2-methyl butane	87	8.187	8.187	0.000	94	166600	20.0	18.4	
74 Methyl methacrylate	69	8.258	8.252	0.006	91	106876	20.0	18.4	
75 1,4-Dioxane	88	8.266	8.266	0.000	40	70674	500.0	426.0	M
76 Dibromomethane	93	8.280	8.280	0.000	96	75289	20.0	19.5	
78 Dichlorobromomethane	83	8.523	8.523	0.000	99	135217	20.0	19.6	
79 2-Nitropropane	41	8.773	8.766	0.007	99	38872	20.0	16.3	
80 2-Chloroethyl vinyl ether	63	8.895	8.895	0.000	92	75220	20.0	19.2	
81 cis-1,3-Dichloropropene	75	9.095	9.088	0.007	97	159659	20.0	17.3	
82 4-Methyl-2-pentanone (MIBK)	43	9.260	9.260	0.000	97	2733080	250.0	256.6	
$ 83 Toluene-d8 (Surr)	98	9.417	9.417	0.000	93	1090275	50.0	52.1	
95 Toluene	92	9.503	9.496	0.007	98	277303	20.0	20.4	
96 trans-1,3-Dichloropropene	75	9.774	9.767	0.007	93	148587	20.0	18.0	
97 Ethyl methacrylate	69	9.846	9.839	0.007	90	172048	20.0	17.9	
113 1,1,2-Trichloroethane	97	9.982	9.982	0.000	90	108543	20.0	20.5	
114 Tetrachloroethene	166	10.082	10.082	0.000	96	115126	20.0	20.6	
115 1,3-Dichloropropane	76	10.153	10.154	-0.001	90	173485	20.0	20.0	
117 2-Hexanone	43	10.196	10.204	-0.008	96	1904753	250.0	261.2	
119 Chlorodibromomethane	129	10.382	10.375	0.007	90	110040	20.0	20.1	
120 Ethylene Dibromide	107	10.497	10.490	0.007	98	111157	20.0	19.9	
* 121 Chlorobenzene-d5 (IS)	117	10.940	10.940	0.000	85	776511	50.0	50.0	
122 1-Chlorohexane	91	10.954	10.954	0.000	98	134915	20.0	17.5	
132 Chlorobenzene	112	10.968	10.961	0.007	95	313691	20.0	20.1	
134 1,1,1,2-Tetrachloroethane	131	11.054	11.047	0.007	96	120306	20.0	20.6	
135 Ethylbenzene	91	11.054	11.054	0.000	98	541415	20.0	19.6	
137 m-Xylene & p-Xylene	106	11.176	11.176	0.000	99	428448	40.0	39.5	
139 o-Xylene	106	11.512	11.512	0.000	97	226358	20.0	20.0	
140 Styrene	104	11.526	11.526	0.000	95	349353	20.0	19.7	
141 Bromoform	173	11.683	11.684	-0.001	97	80380	20.0	20.0	
142 Isopropylbenzene	105	11.819	11.820	-0.001	96	603485	20.0	22.2	

Compound	Sig	RT (min.)	Exp RT (min.)	Dlt RT (min.)	Q	Response	Cal Amt ug/l	OnCol Amt ug/l	Flags
$ 145 4-Bromofluorobenzene (Surr)	95	11.962	11.963	0.000	90	382202	50.0	47.7	
147 1,1,2,2-Tetrachloroethane	83	12.062	12.063	-0.001	93	212376	20.0	20.1	
149 Bromobenzene	156	12.077	12.077	0.000	97	137987	20.0	19.9	
148 trans-1,4-Dichloro-2-butene	53	12.091	12.091	0.000	92	253256	100.0	85.3	
150 1,2,3-Trichloropropane	110	12.112	12.106	0.006	82	61889	20.0	19.7	
151 N-Propylbenzene	91	12.155	12.156	-0.001	99	668109	20.0	19.2	
152 2-Chlorotoluene	126	12.227	12.227	0.000	97	142422	20.0	19.4	
153 1,3,5-Trimethylbenzene	105	12.291	12.291	0.000	94	529978	20.0	19.4	
154 4-Chlorotoluene	126	12.320	12.320	0.000	98	136760	20.0	19.3	
156 tert-Butylbenzene	134	12.534	12.535	-0.001	92	100960	20.0	19.4	
158 1,2,4-Trimethylbenzene	105	12.577	12.577	0.000	97	539768	20.0	19.2	
159 sec-Butylbenzene	105	12.699	12.699	0.000	94	674224	20.0	19.4	
160 1,3-Dichlorobenzene	146	12.799	12.799	0.000	98	281847	20.0	19.7	
161 4-Isopropyltoluene	119	12.813	12.813	0.000	97	581981	20.0	19.2	
* 162 1,4-Dichlorobenzene-d4	152	12.856	12.856	0.000	95	470407	50.0	50.0	
163 1,4-Dichlorobenzene	146	12.878	12.878	0.000	95	286916	20.0	19.5	
167 1,2,3-Trimethylbenzene	105	12.885	12.885	0.000	98	591865	20.0	19.4	
168 Benzyl chloride	91	12.949	12.949	0.000	98	366179	20.0	17.4	
169 1,3-Diethylbenzene	119	13.013	13.014	-0.001	96	348073	20.0	19.5	
170 p-Diethylbenzene	119	13.085	13.085	0.000	94	364325	20.0	19.2	
171 n-Butylbenzene	92	13.106	13.107	-0.001	97	287337	20.0	18.9	
172 1,2-Dichlorobenzene	146	13.135	13.135	0.000	98	311809	20.0	20.5	
173 o-diethylbenzene	119	13.156	13.157	-0.001	95	307450	20.0	19.4	
176 1,2-Dibromo-3-Chloropropane	75	13.678	13.679	-0.001	87	61403	20.0	18.2	
177 1,3,5-Trichlorobenzene	180	13.814	13.814	0.000	97	247901	20.0	19.9	
178 1,2,4-Trichlorobenzene	180	14.236	14.236	0.000	95	263472	20.0	20.5	
180 Hexachlorobutadiene	225	14.322	14.322	0.000	98	101600	20.0	18.8	
181 Naphthalene	128	14.415	14.415	0.000	97	991612	20.0	20.1	
182 1,2,3-Trichlorobenzene	180	14.558	14.558	0.000	95	266546	20.0	19.8	
183 2-Methylnaphthalene	142	15.166	15.166	0.000	92	525564	20.0	18.4	

QC Flag Legend

Processing Flags

Review Flags

M - Manually Integrated

Reagents:

MSV_LCS_Gases_00258	Amount Added: 50.00	Units: uL	
MSV_LCS_ACROL_00235	Amount Added: 50.00	Units: uL	
MSV_LCS_2CEVE_00237	Amount Added: 50.00	Units: uL	
MSV_LCS_VOC#1_00227	Amount Added: 50.00	Units: uL	
MSV_HP20_ISSS_00160	Amount Added: 1.00	Units: uL	Run Reagent

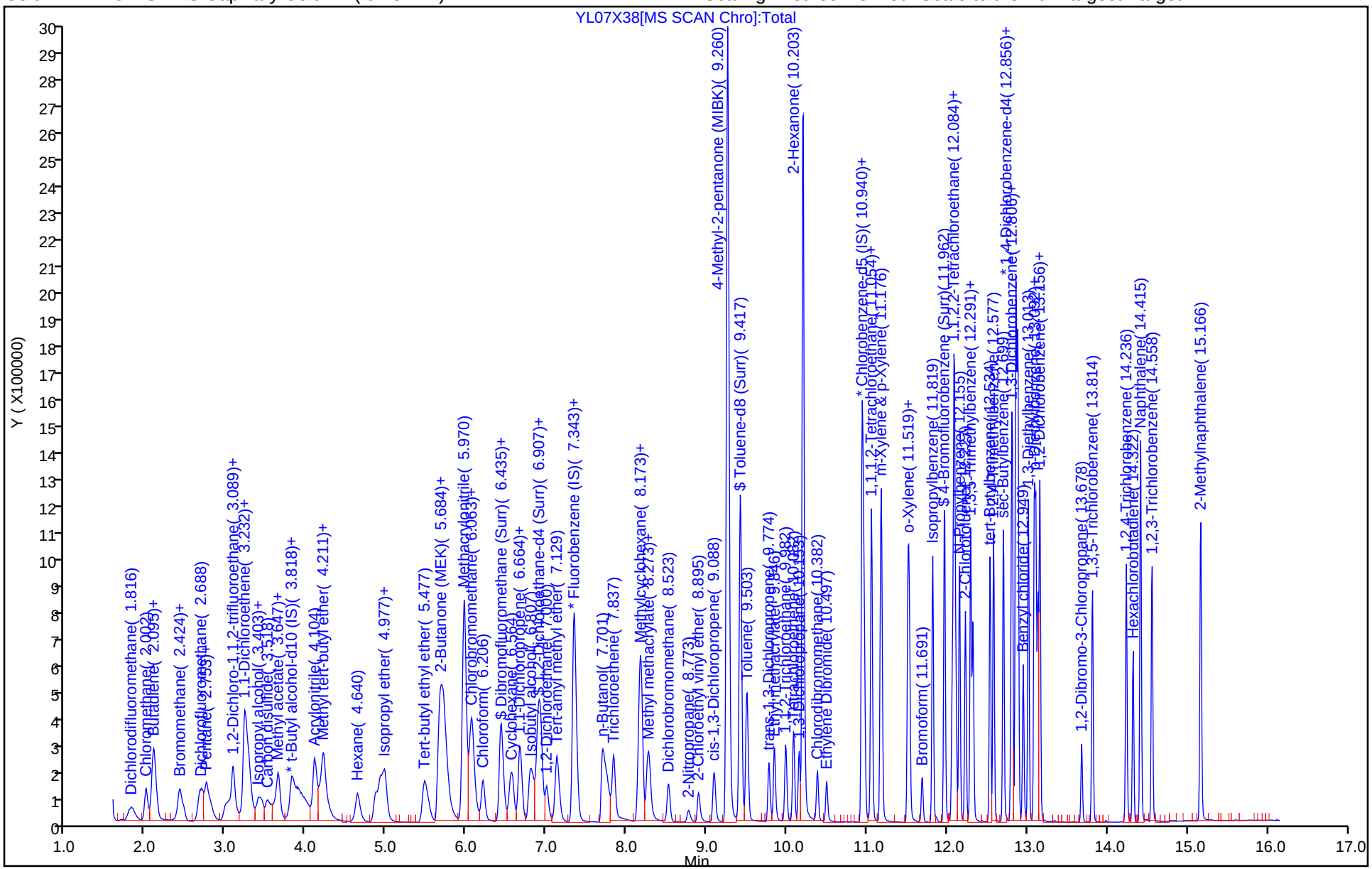
Report Date: 08-Jul-2025 02:38:33 Chrom Revision: 2.3 14-Jun-2025 12:06:34

Eurofins Lancaster Laboratories Environment Testing, LLC

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X38.D

Injection Date:	07-Jul-2025 23:02:30	Instrument ID:	9355	Operator ID:	AGD105956
Lims ID:	LCSD			Worklist Smp#:	5
Client ID:					
Purge Vol:	5.000 mL	Dil. Factor:	1.0000	ALS Bottle#:	4
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		

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



Eurofins Lancaster Laboratories Environment Testing, LLC

Recovery Report

Data File: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X38.D
Lims ID: LCSD
Client ID:
Sample Type: LCSD
Inject. Date: 07-Jul-2025 23:02:30 ALS Bottle#: 4 Worklist Smp#: 5
Purge Vol: 5.000 mL Dil. Factor: 1.0000
Sample Info: 410-0152669-005
Misc. Info.: LCSD
Operator ID: AGD105956 Instrument ID: 9355

Method: \\chromfs\Lancaster\ChromData\9355\20250707-152669.b\MSVoa_9355.m
Limit Group: MSV - 8260C_D
Last Update: 08-Jul-2025 02:38:15 Calib Date: 27-Jun-2025 19:12:30
Integrator: RTE ID Type: Deconvolution ID
Quant Method: Internal Standard Quant By: Initial Calibration
Last ICal File: \\chromfs\Lancaster\ChromData\9355\20250627-151826.b\YU27X18.D

Column 1 : Rxi-624Sil MS Capillary Column (0.25 mm) Det: MS Quad
Process Host: CTX1651

First Level Reviewer: Z6YX Date: 08-Jul-2025 00:03:03

Compound	Amount Added	Amount Recovered	% Rec.
$ 54 Dibromofluoromethane (Surr)	50.0	52.4	104.76
$ 60 1,2-Dichloroethane-d4 (Surr)	50.0	52.3	104.53
$ 83 Toluene-d8 (Surr)	50.0	52.1	104.15
$ 145 4-Bromofluorobenzene (Surr)	50.0	47.7	95.45

Manual Integration/User Assign Peak Report

Eurofins Lancaster Laboratories Environment Testing, LLC

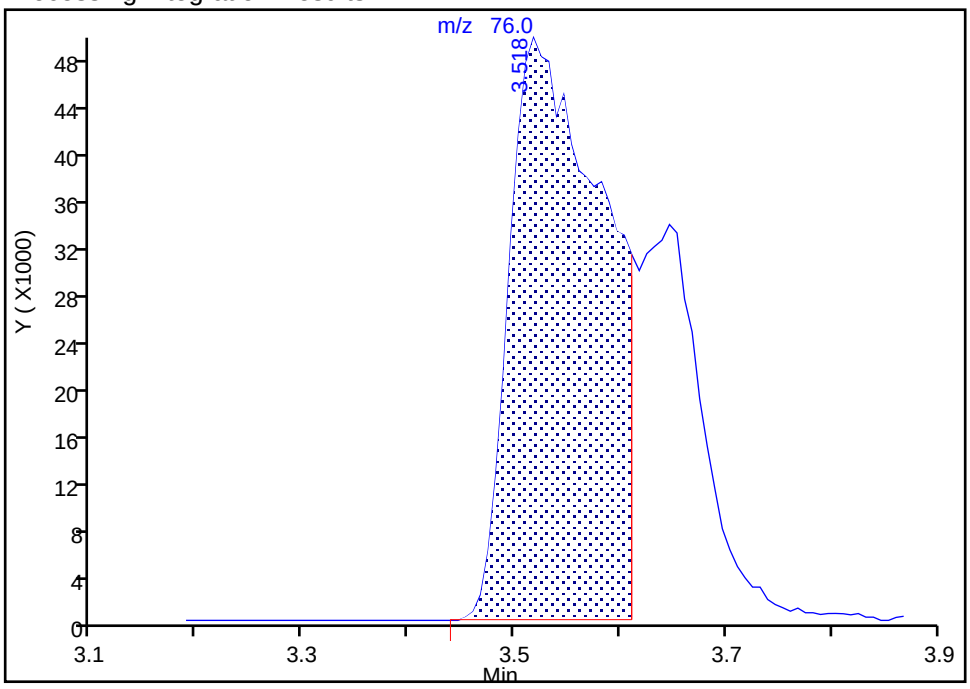
Data File:	\\chromfs\Lancaster\ChromData\9355\20250707-152669.b\YL07X38.D				
Injection Date:	07-Jul-2025 23:02:30	Instrument ID:	9355		
Lims ID:	LCSD				
Client ID:					
Operator ID:	AGD105956	ALS Bottle#:	4	Worklist Smp#:	5
Purge Vol:	5.000 mL	Dil. Factor:	1.0000		
Method:	MSVoa_9355	Limit Group:	MSV - 8260C_D		
Column:	Rxi-624Sil MS Capillary Column (0.25mm)	Detector	MS Quad		

24 Carbon disulfide, CAS: 75-15-0

Signal: 1

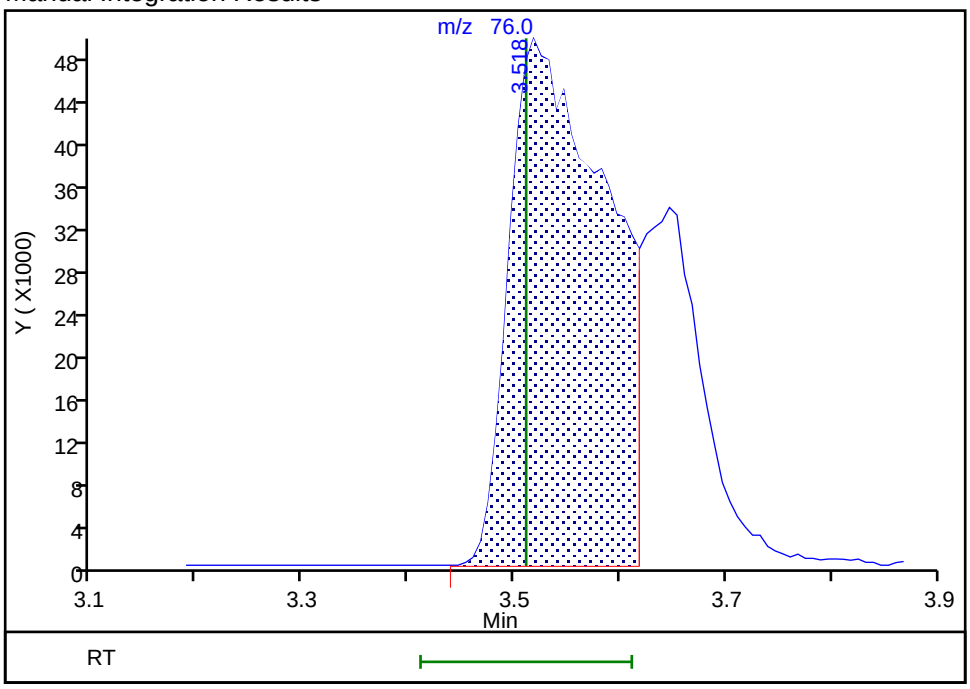
Processing Integration Results

RT: 3.52
Area: 306677
Amount: 16.744016
Amount Units: ug/l



Manual Integration Results

RT: 3.52
Area: 319358
Amount: 17.436376
Amount Units: ug/l



Reviewer: Z6YX, 08-Jul-2025 00:08:00 -04:00:00 (UTC)

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

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC

Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355

Start Date: 06/27/2025 16:09

Analysis Batch Number: 664115

End Date: 06/27/2025 19:57

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-664115/1		06/27/2025 16:09	1	YU27T01.D	R-624SilMS 30m 0.25(mm)
IC 410-664115/18		06/27/2025 16:57	1	YU27X12.D	R-624SilMS 30m 0.25(mm)
IC 410-664115/17		06/27/2025 17:20	1	YU27X13.D	R-624SilMS 30m 0.25(mm)
ICIS 410-664115/16		06/27/2025 17:42	1	YU27X14.D	R-624SilMS 30m 0.25(mm)
IC 410-664115/15		06/27/2025 18:05	1	YU27X15.D	R-624SilMS 30m 0.25(mm)
IC 410-664115/14		06/27/2025 18:27	1	YU27X16.D	R-624SilMS 30m 0.25(mm)
IC 410-664115/13		06/27/2025 18:50	1	YU27X17.D	R-624SilMS 30m 0.25(mm)
IC 410-664115/12		06/27/2025 19:12	1	YU27X18.D	R-624SilMS 30m 0.25(mm)
ICV 410-664115/20		06/27/2025 19:57	1		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Start Date: 06/27/2025 21:19

Analysis Batch Number: 664281 End Date: 06/28/2025 05:46

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-664281/1		06/27/2025 21:19	1	YU27T31.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-664281/3		06/27/2025 22:01	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/27/2025 22:23	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/27/2025 22:46	1		R-624SilMS 30m 0.25(mm)
ICV 410-664281/1005		06/27/2025 22:46	1	-YU27X34-ICV.d	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/27/2025 23:08	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/27/2025 23:31	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 00:01	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 00:23	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 00:45	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 01:08	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 01:30	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 01:53	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 02:15	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 02:37	100		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/28/2025 03:00	100		R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		06/28/2025 03:22	100		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 03:45	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 04:07	1000		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 04:29	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 04:52	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 05:14	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		06/28/2025 05:46	10		R-624SilMS 30m 0.25(mm)

GC/MS VOA ANALYSIS RUN LOG

Lab Name: Eurofins Lancaster Laboratories Environment Testing, LLC Job No.: 410-229235-1

SDG No.:

Instrument ID: 9355 Start Date: 07/07/2025 21:37

Analysis Batch Number: 667897 End Date: 07/08/2025 06:43

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 410-667897/1		07/07/2025 21:37	1	YL07T35.D	R-624SilMS 30m 0.25(mm)
CCVIS 410-667897/3		07/07/2025 22:17	1	YL07X36.D	R-624SilMS 30m 0.25(mm)
LCS 410-667897/4		07/07/2025 22:39	1	YL07X37.D	R-624SilMS 30m 0.25(mm)
LCSD 410-667897/5		07/07/2025 23:02	1	YL07X38.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (QC)		07/07/2025 23:24	1		R-624SilMS 30m 0.25(mm)
MB 410-667897/7		07/07/2025 23:47	1	YL07X40.D	R-624SilMS 30m 0.25(mm)
410-229235-5	Trip Blank	07/08/2025 00:44	1	YL07X41.D	R-624SilMS 30m 0.25(mm)
410-229235-1	HD-CW-21 - 0/1-0	07/08/2025 01:06	1	YL07X42.D	R-624SilMS 30m 0.25(mm)
410-229235-2	HD-CW-22 - 0/1-0	07/08/2025 01:29	1	YL07X43.D	R-624SilMS 30m 0.25(mm)
410-229235-3	HD-CW-23 - 0/1-0	07/08/2025 01:51	1	YL07X44.D	R-624SilMS 30m 0.25(mm)
410-229235-4	HD-SPBA-EFF - 0/1-0	07/08/2025 02:13	1	YL07X45.D	R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 02:36	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 02:58	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 03:22	100		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 03:44	10		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 04:07	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 04:29	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 04:51	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 05:14	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 05:36	1		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 05:58	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 06:21	200		R-624SilMS 30m 0.25(mm)
ZZZZZ (Client)		07/08/2025 06:43	200		R-624SilMS 30m 0.25(mm)

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229235-1

SDG No.:

Batch Number: 664115 | Batch Start Date: 06/27/25 16:09 | Batch Analyst: Drexinger, Marissa C

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_4ppb 00013	MSV_CCV_2CEVE 00233	MSV_CCV_GASES 01062
BFB 410-664115/1		8260D			1 uL	1 uL				
IC 410-664115/12		8260D			5 mL	5 mL	431127	12.5 mL		
IC 410-664115/13		8260D			5 mL	5 mL	431127		4 uL	2 uL
IC 410-664115/14		8260D			5 mL	5 mL	431127		2 uL	1 uL
IC 410-664115/15		8260D			5 mL	5 mL	431127		4 uL	2 uL
ICIS 410-664115/16		8260D			5 mL	5 mL	431127		5 uL	2.5 uL
IC 410-664115/17		8260D			5 mL	5 mL	431127		5 uL	2.5 uL
IC 410-664115/18		8260D			5 mL	5 mL	431127		15 uL	7.5 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_OH_Sp 00022	MSV_CCV_VOC#1 00241	MSV_CCV_VOC#3 00242	MSV_HP20_ISSS 00151	MSV_V_BFB 00019	
BFB 410-664115/1		8260D							1 uL	
IC 410-664115/12		8260D						1 uL		
IC 410-664115/13		8260D			4 uL	4 uL	3.2 uL	1 uL		
IC 410-664115/14		8260D			2 uL	2 uL	1.6 uL	1 uL		
IC 410-664115/15		8260D			4 uL	4 uL	3.2 uL	1 uL		
ICIS 410-664115/16		8260D			5 uL	5 uL	4 uL	1 uL		
IC 410-664115/17		8260D			5 uL	5 uL	4 uL	1 uL		
IC 410-664115/18		8260D			15 uL	15 uL	12 uL	1 uL		

Batch Notes	

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.: 410-229235-1

SDG No.:

Batch Number: 664115 | Batch Start Date: 06/27/25 16:09 | Batch Analyst: Drexinger, Marissa C

Batch Method: 8260D | Batch End Date:

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.: 410-229235-1

SDG No.:

Batch Number: 664281 Batch Start Date: 06/27/25 21:19 Batch Analyst: Mellinger, Corie M

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Lot#Vial	MSV_HP20_ISSS 00160	MSV_LCS_2CEVE 00235	MSV_LCS_ACROL 00233
BFB 410-664281/1		8260D			1 uL	1 uL				
ICV 410-664281/1005		8260D			5 mL	5 mL	431127	1 uL	50 uL	50 uL

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_Gases 00256	MSV_LCS_VOC#1 00225	MSV_V_BFB 00019			
BFB 410-664281/1		8260D					1 uL			
ICV 410-664281/1005		8260D			50 uL	50 uL				

Batch Notes	

Basis	Basis Description

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

GC/MS VOA BATCH WORKSHEET

Lab Name: Eurofins Lancaster Laboratories | Job No.: 410-229235-1

SDG No.:

Batch Number: 667897 | Batch Start Date: 07/07/25 21:37 | Batch Analyst: Drapcho, Adam

Batch Method: 8260D | Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	InitialAmount	FinalAmount	Initial pH	ResidualChloCheck	Headspace	Lot#Vial
BFB 410-667897/1		8260D			1 uL	1 uL				
CCVIS 410-667897/3		8260D			5 mL	5 mL				431127
LCS 410-667897/4		8260D			5 mL	5 mL				431127
LCSD 410-667897/5		8260D			5 mL	5 mL				431127
MB 410-667897/7		8260D			5 mL	5 mL				431127
410-229235-A-5	Trip Blank	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229235-A-1	HD-CW-21 - 0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229235-A-2	HD-CW-22 - 0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229235-A-3	HD-CW-23 - 0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	
410-229235-A-4	HD-SPBA-EFF - 0/1-0	8260D	Water	T	5 mL	5 mL	<2 SU	N	N	

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_CCV_2CEVE 00235	MSV_CCV_GASES 01075	MSV_CCV_VOC#1 00243	MSV_CCV_VOC#3 00245	MSV_HP20_ISSS 00160	MSV_LCS_2CEVE 00237
BFB 410-667897/1		8260D								
CCVIS 410-667897/3		8260D			5 uL	2.5 uL	5 uL	4 uL	1 uL	
LCS 410-667897/4		8260D							1 uL	50 uL
LCSD 410-667897/5		8260D							1 uL	50 uL
MB 410-667897/7		8260D							1 uL	
410-229235-A-5	Trip Blank	8260D	Water	T					1 uL	
410-229235-A-1	HD-CW-21 - 0/1-0	8260D	Water	T					1 uL	
410-229235-A-2	HD-CW-22 - 0/1-0	8260D	Water	T					1 uL	
410-229235-A-3	HD-CW-23 - 0/1-0	8260D	Water	T					1 uL	
410-229235-A-4	HD-SPBA-EFF - 0/1-0	8260D	Water	T					1 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.: 410-229235-1

SDG No.:

Batch Number: 667897 Batch Start Date: 07/07/25 21:37 Batch Analyst: Drapcho, Adam

Batch Method: 8260D Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Matrix	Basis	MSV_LCS_ACROL 00235	MSV_LCS_Gases 00258	MSV_LCS_VOC#1 00227	MSV_V_BFB 00019		
BFB 410-667897/1		8260D						1 uL		
CCVIS 410-667897/3		8260D								
LCS 410-667897/4		8260D			50 uL	50 uL	50 uL			
LCSD 410-667897/5		8260D			50 uL	50 uL	50 uL			
MB 410-667897/7		8260D								
410-229235-A-5	Trip Blank	8260D	Water	T						
410-229235-A-1	HD-CW-21 - 0/1-0	8260D	Water	T						
410-229235-A-2	HD-CW-22 - 0/1-0	8260D	Water	T						
410-229235-A-3	HD-CW-23 - 0/1-0	8260D	Water	T						
410-229235-A-4	HD-SPBA-EFF - 0/1-0	8260D	Water	T						

Batch Notes	

Basis	Basis Description
T	Total/NA

The pound sign (#) in the amount added field denotes that the reagent was used undiluted. All calculations are performed using the stated concentration for this reagent.

Shipping and Receiving Documents

410-229235 Chain of Custody

Chain of Custody Record

eurofins | Environment Testing

Client Contact: Emily Wade	Sampler: Emily Wade	Lab PM: Weyandt, Barbara A	Carrier Tracking No(s):	COC No: 410-160128-41221.1
Company: Hydro-Terra Group	Phone: 443-974-3956	E-Mail: Barbara.Weyandt@et.eurofinsus.com	State of Origin: PA	Page: Page 1 of 1
Address: 1106 Business Parkway South Suite E	PWSID:	Analysis Requested		Job #:
City: Westminster	Due Date Requested:			Preservation Codes: A - HCL
State, Zip: MD, 21157	TAT Requested (days): Standard			
Phone: 717-980-5150(Tel)	Compliance Project: Δ Yes Δ No			
Email: ewade@hydro-terra.com	PO #: Purchase Order not required			
Project Name: fyNOP - Harley Quarterly SPBA	WO #:			Other:
Site: Pennsylvania	Project #: 41002606			
	SSOW#:			

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air, DW=Drinking Water)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260D - VOCs	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
HD-CW-21-0/1-0	6/25/25	0905	G	Water	N	N	X	3	
HD-CW-22-0/1-0	6/25/25	0912	G	Water	N	N	X	3	
HD-CW-23-0/1-0	6/25/25	0920	G	Water	N	N	X	3	
HD-SPBA-EFF-0/1-0	6/25/25	0927	G	Water	N	N	X	2	
Trip Blank	—	—	—	Water	N	N	X	2	

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Emily Wade	6/25/25 @ 1147	HTG			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 06/25/25 1147	Company ELLET

Custody Seals Intact: ☐ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: 2 - 4.8 C: 4.8

Login Sample Receipt Checklist

Client: Hydro-Terra Group

Job Number: 410-229235-1

Login Number: 229235

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC

List Number: 1

Creator: Shortes, Erin K

Question	Answer	Comment
The cooler's custody seal is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature acceptable,where thermal pres is required(</=6C, not frozen).	False	Received same day of collection; chilling process has begun.
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.	True	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	True	